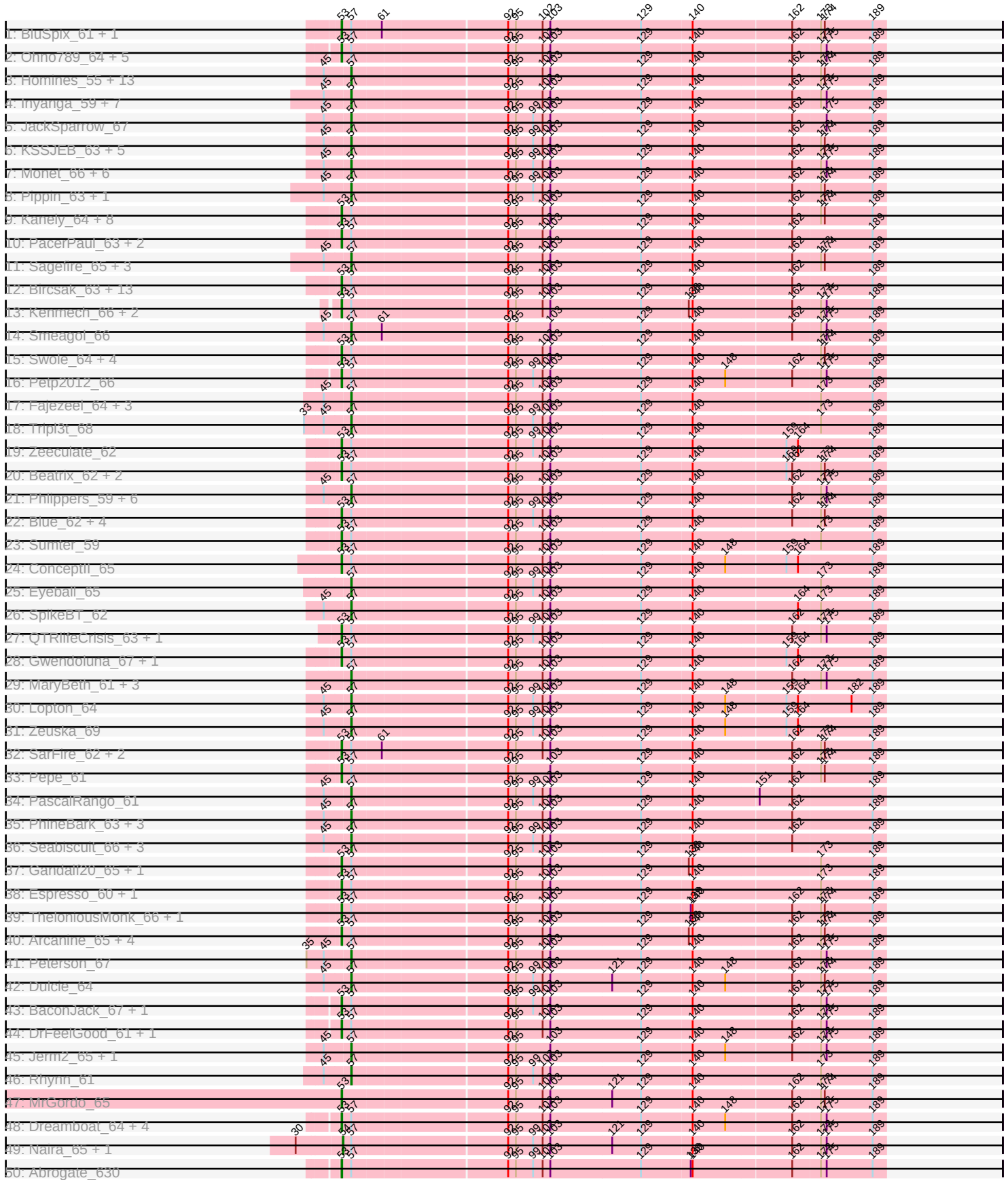
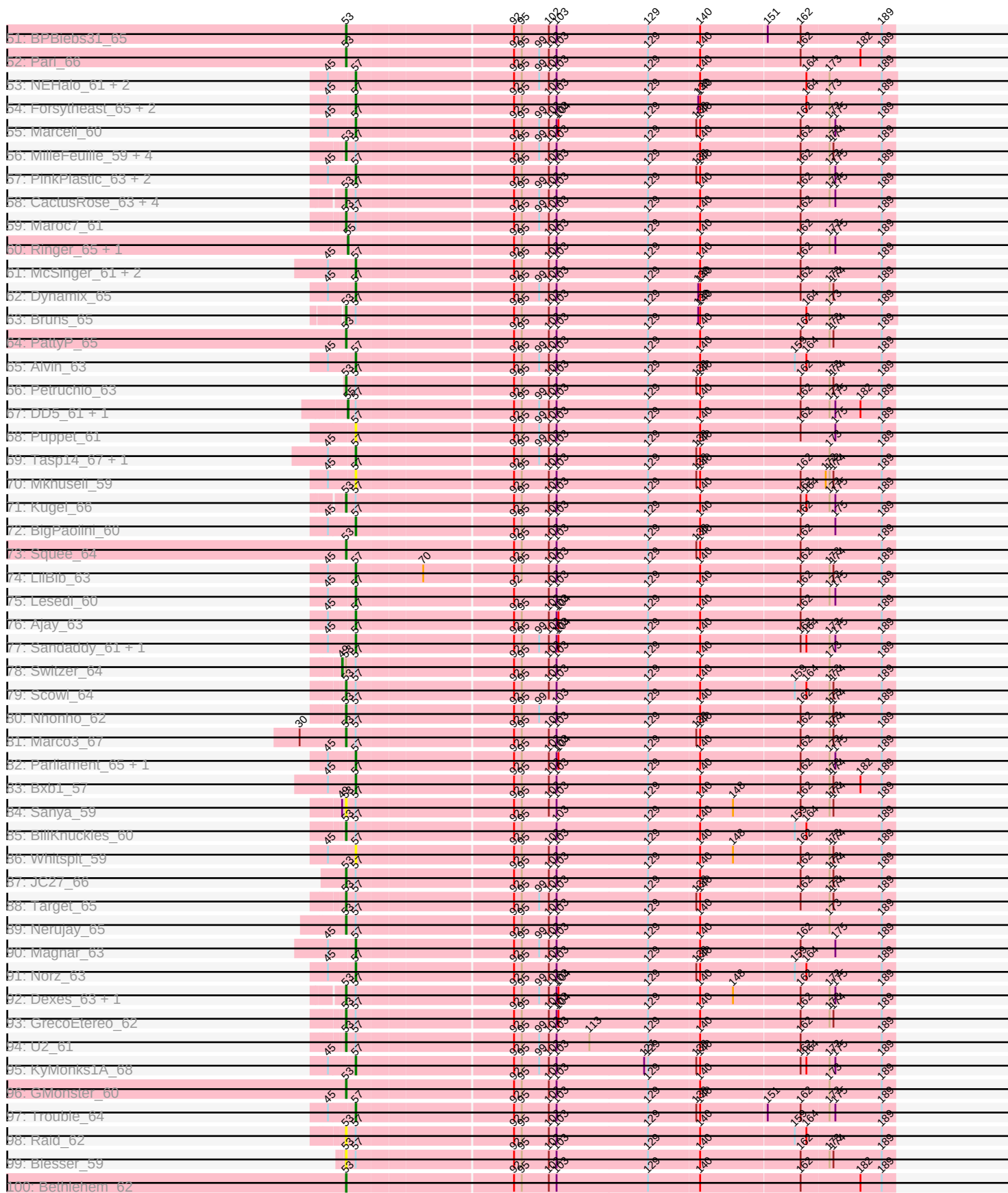
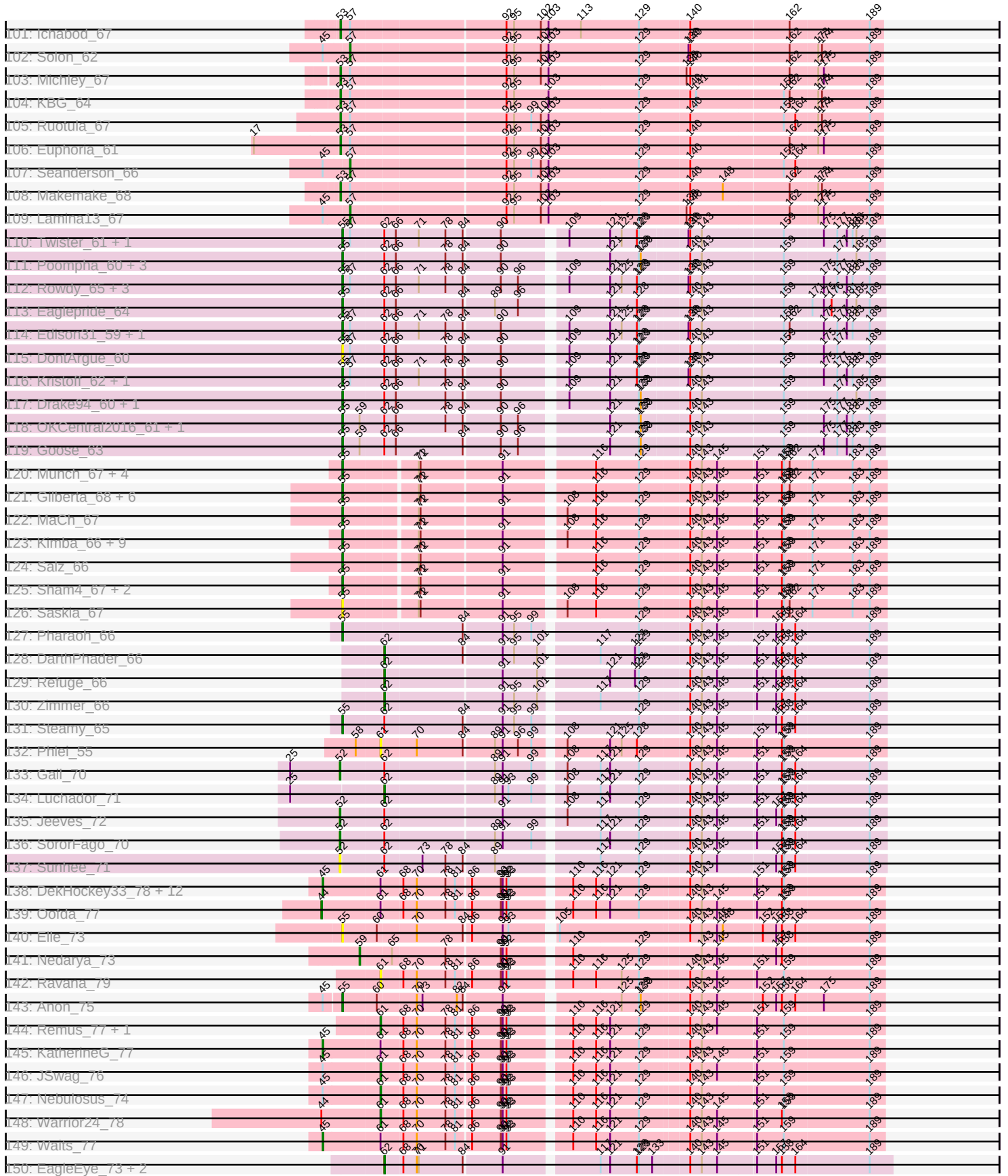


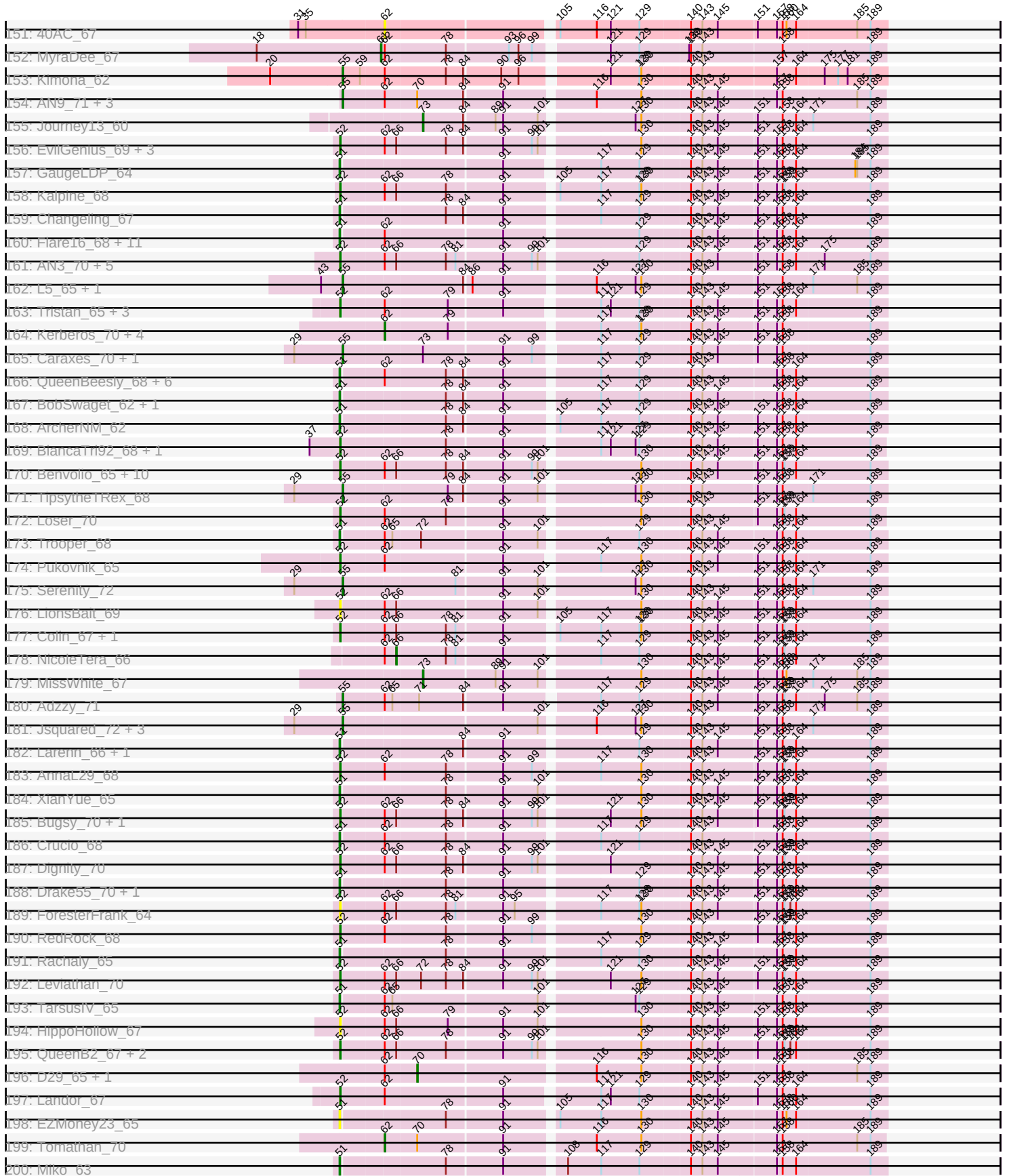




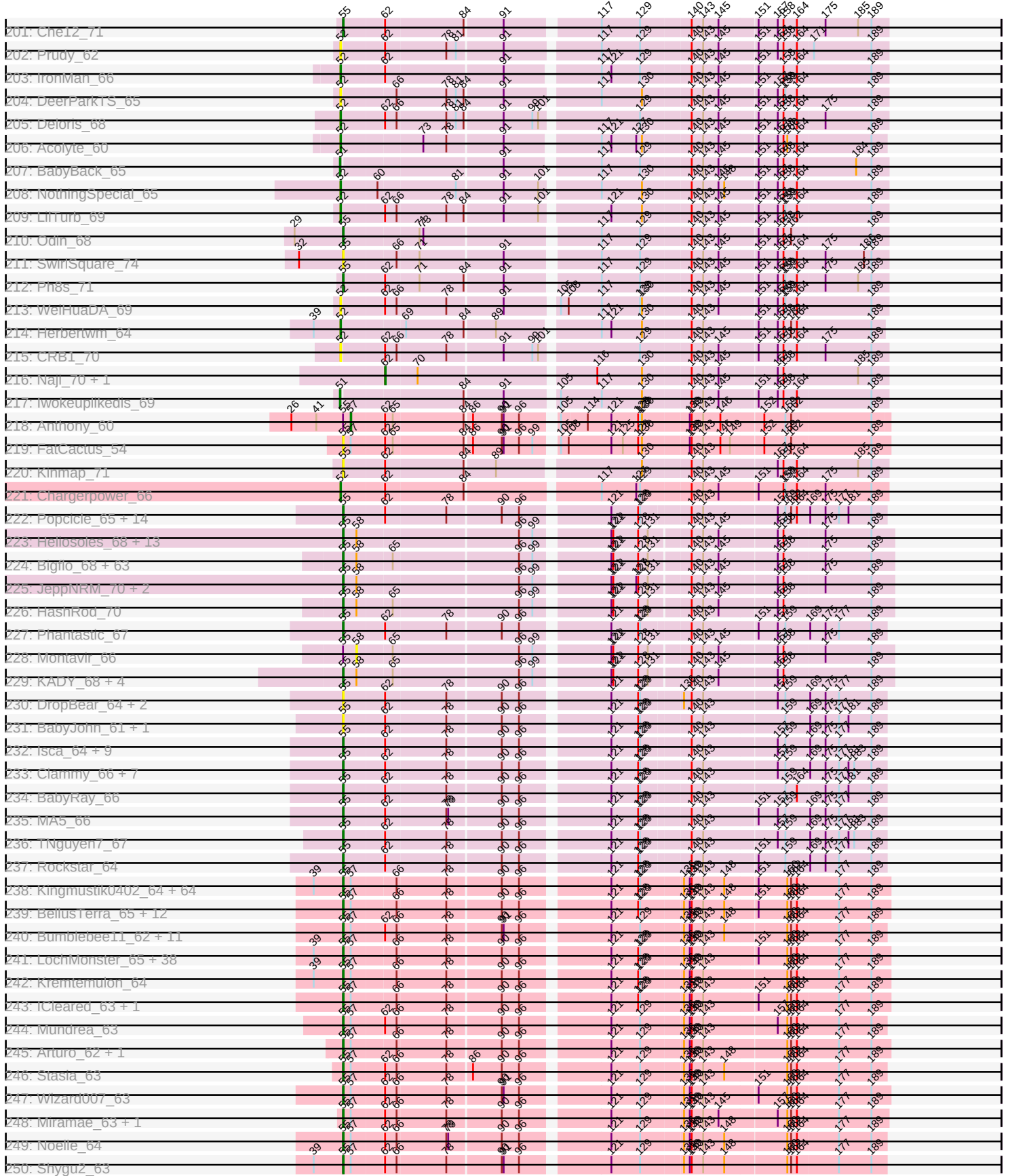
Pham 267532



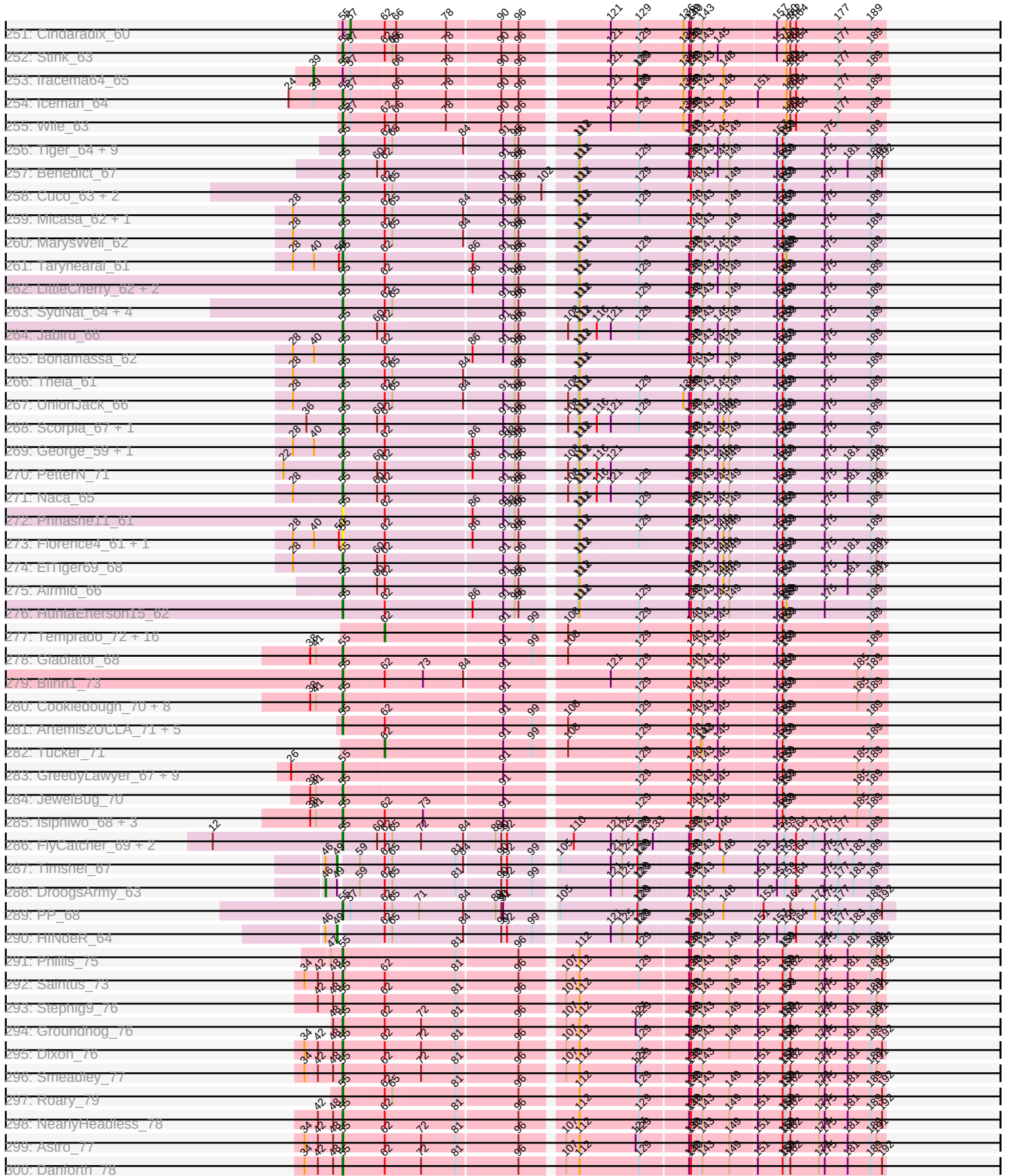
Pham 267532



Pham 267532

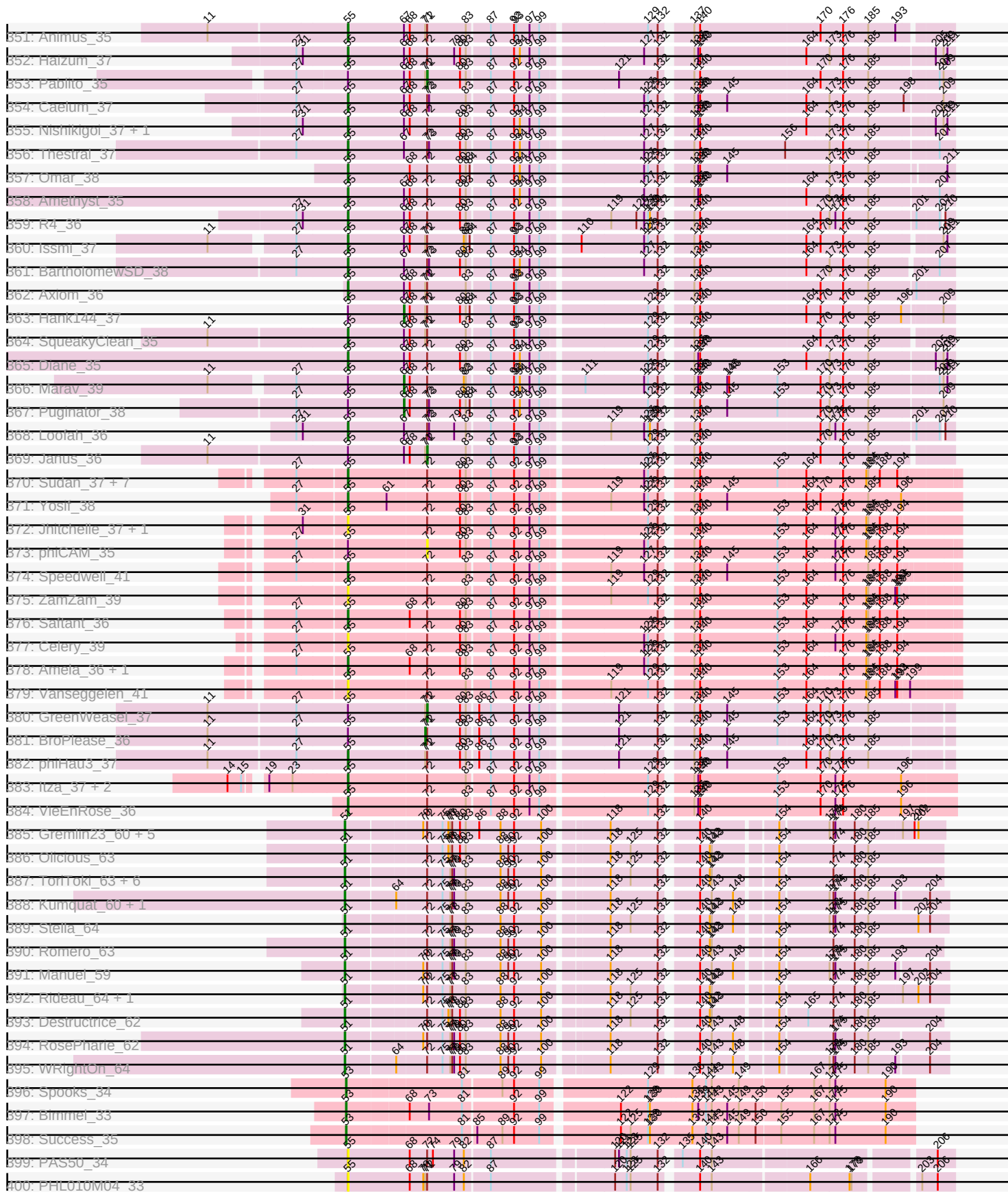


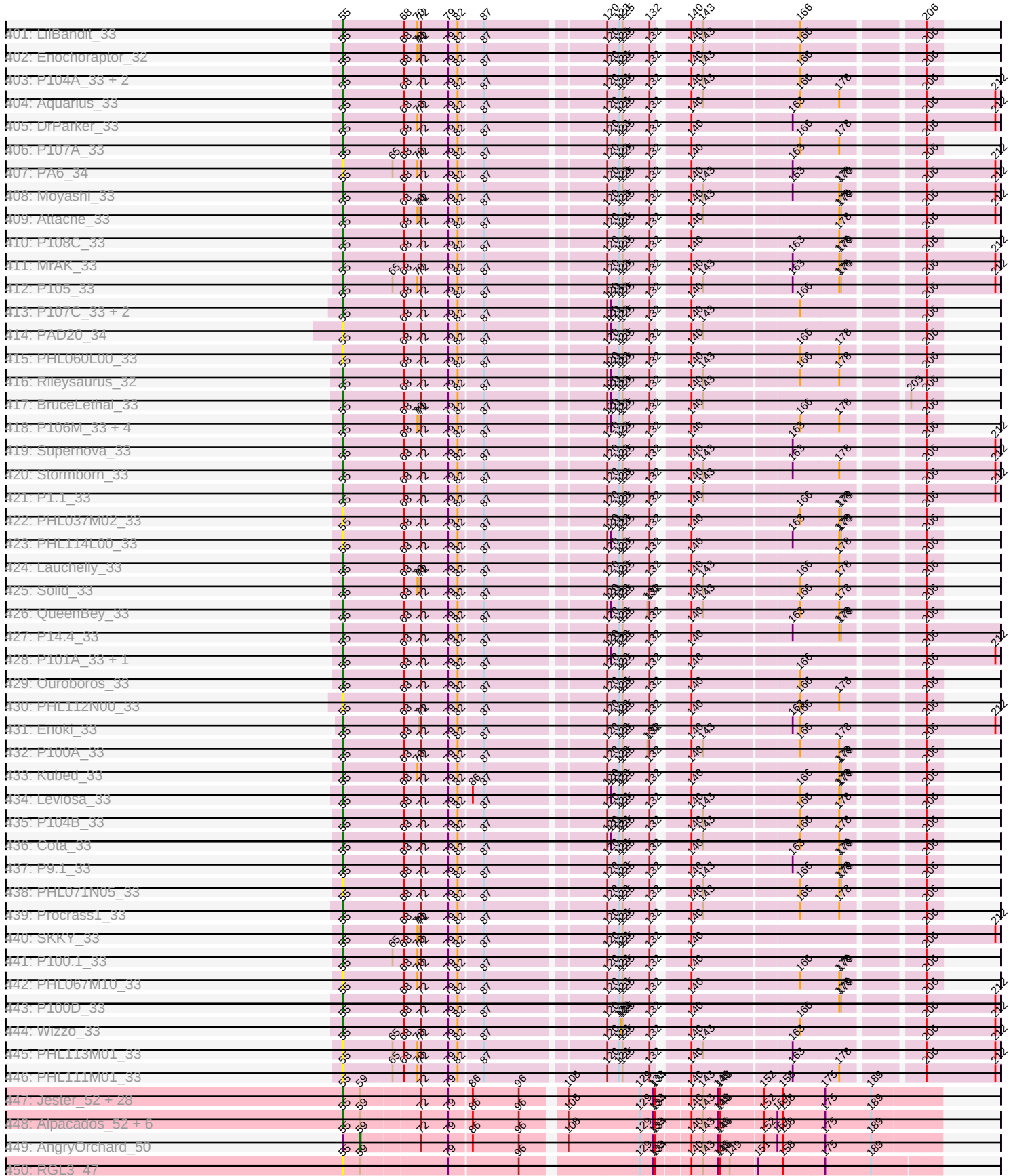
Pham 267532



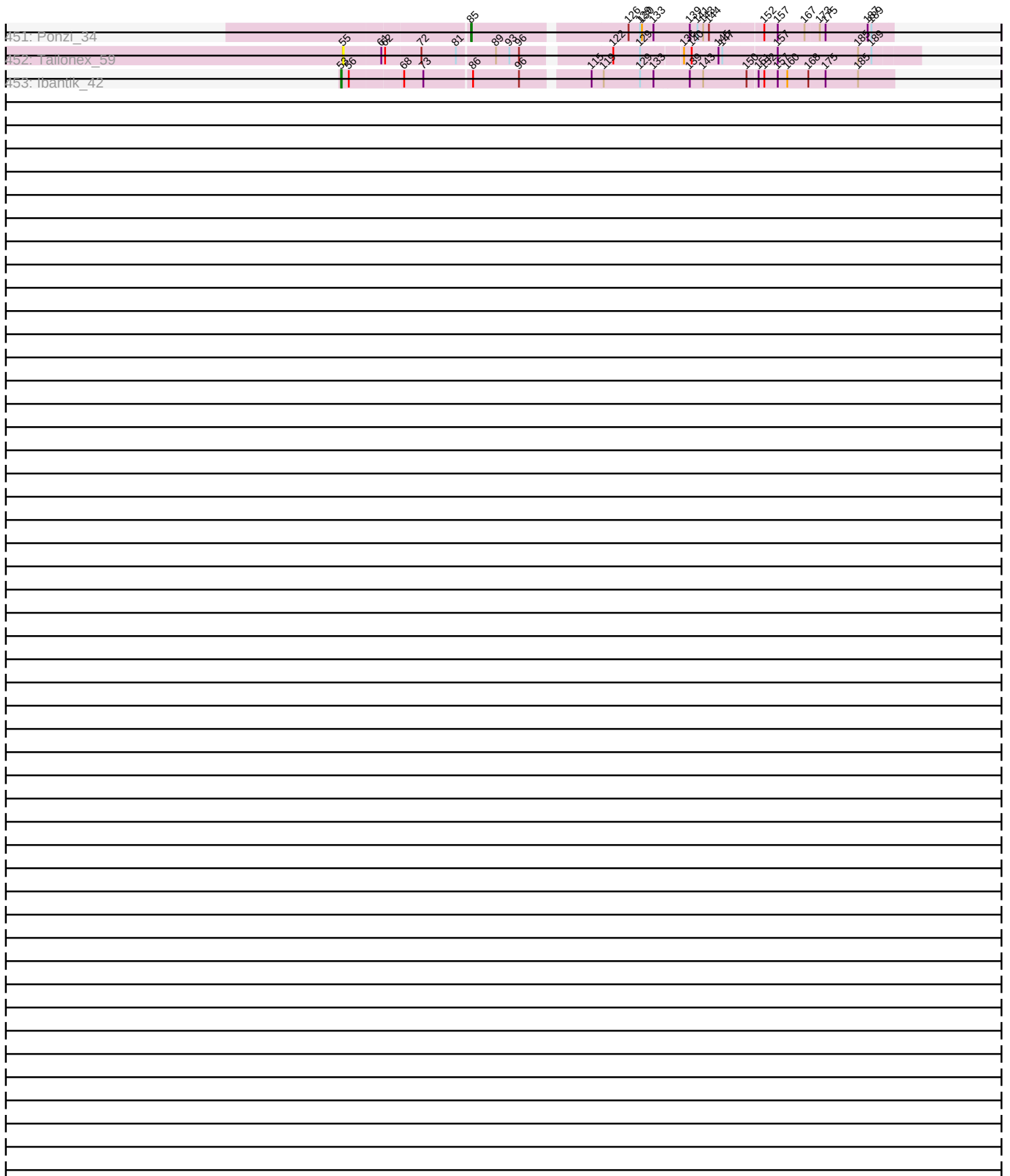
ID	Name	Score
601	Caitlin_75	98
602	Expemarmus_74	98
603	Myxus_71 + 19	98
604	Celestialunch_66 + 1	98
605	Ayanochan_69 + 9	98
606	CogOmiette_68 + 3	98
607	Darrell_72	98
608	Charm_66 + 2	98
609	BugosyJay_71 + 1	98
610	Vanisoa_68	98
611	Toaka_70	98
612	Keziachanes14_68	98
613	SneaKeira_66	98
614	WorldCup_68	98
615	Anssanae_68	98
616	Elephantoon_70	98
617	Yecay3_73	98
618	Lonevion_71	98
619	Toma_35 + 1	98
620	Zemiya_37 + 2	98
621	TuanPhy_34 + 1	98
622	Esperel_35 + 8	98
623	Dattran_37 + 2	98
624	Chucky_35 + 6	98
625	RagePnighter_37	98
626	South40_35 + 2	98
627	BarryBae_38 + 1	98
628	Pneutoclme_35 + 2	98
629	Asten_35 + 1	98
630	Calibour_35	98
631	BryanRecycles_36 + 5	98
632	EnochSoames_38	98
633	Vverger_35	98
634	Nandodon_37	98
635	Yasodhi_35 + 1	98
636	Lika_35 + 1	98
637	Lorelei_36 + 2	98
638	Lapinister_37	98
639	Nerdos_34	98
640	Triumph_37	98
641	Daudau_36	98
642	Superstar_39	98
643	Zainub_38 + 1	98
644	Paedore_35	98
645	Andis_35	98
646	ELB20_34	98
647	Alvy_38	98
648	Bowden_36 + 2	98
649	GirdDinner_35	98
650	Jevinqton_38	98

Pham 267532





Pham 267532



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 267532 Report

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

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 267532 has 1143 members, 132 are drafts.

Phages represented in each track:

- Track 1 : BluSpix_61, IgnatiusPatJac_63
- Track 2 : Ohno789_64, Papez_65, Teodoridan_62, Burton_64, Atkinbua_66, Traft412_66
- Track 3 : Homines_55, Topgun_61, Mule_60, HarryOW_61, Wilkins_62, Violet_61, Adahisdi_63, Smairt_65, Chanagan_57, Crispicous1_61, Barriga_66, Aeneas_66, Gyzlar_59, PhrostyMug_63
- Track 4 : Inyanga_59, GroundGoblin_60, Aldrich_59, Noxious_60, CatBus_59, Iqorha_59, Hermia_61, KikiBouba_61
- Track 5 : JackSparrow_67
- Track 6 : KSSJEB_63, Pinto_64, Perseus_62, Big3_64, McGuire_64, Cueylyss_63
- Track 7 : Monet_66, DreamCatcher_66, Edtherson_62, Watermelon_63, BeesKnees_66, Treddle_64, Sunshine924_68
- Track 8 : Pippin_63, Cíao_61
- Track 9 : Kanely_64, BarrowTuph_64, STLscum_72, A6_55, Altman_65, ILeeKay_65, Niza_65, SkiPole_71, BK1_55
- Track 10 : PacerPaul_63, Francis47_62, Agaliana_58
- Track 11 : Sagefire_65, Froghopper_61, Fushigi_59, Snazzy_61
- Track 12 : Bircsak_63, HermioneGrange_65, Briton15_67, Gompeii16_63, Mryolo_61, HanShotFirst_64, MPlant7149_63, Zephyr_64, Bob3_64, Sibs6_65, BigMau_65, Molly_64, Arlo_61, Museum_65
- Track 13 : Kenmech_66, Abbyshoes_64, Dussy_63
- Track 14 : Smeagol_66
- Track 15 : Swole_64, Tote_59, PSullivan_61, JuliaChild_64, Pita2_64
- Track 16 : Petp2012_66
- Track 17 : Fajezeel_64, Acme_65, Rutherferd_65, Greg_64
- Track 18 : Tripl3t_68
- Track 19 : Zeeculate_62
- Track 20 : Beatrix_62, StrongArm_61, Bexan_60
- Track 21 : Phlippers_59, Hami1_58, Wheeler_66, Killigrew_62, Marge_60, Oogway_62, Licorice_64
- Track 22 : Blue_62, Paraselene_63, Rufus_65, Carlyle_63, Rubeus_62
- Track 23 : Sumter_59
- Track 24 : Conceptil_65

- Track 25 : Eyeball_65
- Track 26 : SpikeBT_62
- Track 27 : QTRlifeCrisis_63, CartmannCramer_61
- Track 28 : Gwendoluna_67, ProMouse_64
- Track 29 : MaryBeth_61, Corvo_64, Bones_62, MetalQZJ_60
- Track 30 : Lopton_64
- Track 31 : Zeuska_69
- Track 32 : SarFire_62, Alsfro_69, Thor_62
- Track 33 : Pepe_61
- Track 34 : PascalRango_61
- Track 35 : PhineBark_63, StewieG_58, Levia_61, Doom_61
- Track 36 : Seabiscuit_66, LunarLander_63, Marchy_57, Payneful_61
- Track 37 : Gandalf20_65, Kykar_64
- Track 38 : Espresso_60, Applejack_63
- Track 39 : TheloniousMonk_66, Hope4ever_64
- Track 40 : Arcanine_65, Slagathor_65, Anglerfish_63, TwoPeat_64, Manatee_63
- Track 41 : Peterson_67
- Track 42 : Dulcie_64
- Track 43 : BaconJack_67, PowerRanger_61
- Track 44 : DrFeelGood_61, Turj99_61
- Track 45 : Jerm2_65, Rohr_65
- Track 46 : Rhynn_61
- Track 47 : MrGordo_65
- Track 48 : Dreamboat_64, PherrisBueller_63, RidgeCB_63, ChristmasHams_57, Jasper_63
- Track 49 : Naira_65, Fenn_66
- Track 50 : Abrogate_630
- Track 51 : BPBiebs31_65
- Track 52 : Pari_66
- Track 53 : NEHalo_61, GageAP_65, AFIS_60
- Track 54 : Forsytheast_65, Moose_65, SwissCheese_67
- Track 55 : Marcell_60
- Track 56 : MilleFeuille_59, Marsha_62, EnzoK_63, Rajelicia_63, Jorgensen_66
- Track 57 : PinkPlastic_63, Buttons_60, Gachnar_64
- Track 58 : CactusRose_63, Graduation_67, Ashballer_66, Fascinus_57, Bigfoot_55
- Track 59 : Maroc7_61
- Track 60 : Ringer_65, Magnito_63
- Track 61 : McSinger_61, ShortQueendom_55, Bigchungji_62
- Track 62 : Dynamix_65
- Track 63 : Bruns_65
- Track 64 : PattyP_65
- Track 65 : Alvin_63
- Track 66 : Petruchio_63
- Track 67 : DD5_61, Lockley_60
- Track 68 : Puppet_61
- Track 69 : Tasp14_67, Paphu_63
- Track 70 : Mkhusei_59
- Track 71 : Kugel_66
- Track 72 : BigPaolini_60
- Track 73 : Squee_64
- Track 74 : LilBib_63
- Track 75 : Lesedi_60
- Track 76 : Ajay_63

- Track 77 : Sandaddy_61, Sorpresa_62
- Track 78 : Switzer_64
- Track 79 : Scowl_64
- Track 80 : Nhonho_62
- Track 81 : Marco3_67
- Track 82 : Parliament_65, Blackflame_59
- Track 83 : Bxb1_57
- Track 84 : Sanya_59
- Track 85 : BillKnuckles_60
- Track 86 : Whitspit_59
- Track 87 : JC27_66
- Track 88 : Target_65
- Track 89 : Nerujay_65
- Track 90 : Magnar_63
- Track 91 : Norz_63
- Track 92 : Dexes_63, Pelly_64
- Track 93 : GrecoEtereo_62
- Track 94 : U2_61
- Track 95 : KyMonks1A_68
- Track 96 : GMonster_60
- Track 97 : Trouble_64
- Track 98 : Raid_62
- Track 99 : Blessor_59
- Track 100 : Bethlehem_62
- Track 101 : Ichabod_67
- Track 102 : Solon_62
- Track 103 : Michley_67
- Track 104 : KBG_64
- Track 105 : Ruotula_67
- Track 106 : Euphoria_61
- Track 107 : Seanderson_66
- Track 108 : Makemake_68
- Track 109 : Lamina13_67
- Track 110 : Twister_61, WalterMcMickey_61
- Track 111 : Poompha_60, PeaceMeal1_60, Severus_60, KittenMittens_59
- Track 112 : Rowdy_65, RhynO_62, Shapes_65, DustyMartin_65
- Track 113 : Eaglepride_64
- Track 114 : Edison31_59, Topanga_59
- Track 115 : DontArgue_60
- Track 116 : Kristoff_62, Rebeuca_63
- Track 117 : Drake94_60, Trike_59
- Track 118 : OKCentral2016_61, Chupacabra_61
- Track 119 : Goose_63
- Track 120 : Munch_67, Timothy_67, Aneem_68, Flaverint_68, Orange_66
- Track 121 : Gilberta_68, Ebony_67, Mabel_67, Snape_67, Et2Brutus_66, Fibonacci_67, Mulciber_66
- Track 122 : MaCh_67
- Track 123 : Kimba_66, Hutc2_66, Joselito_68, Jabith_68, Wolpertinger_65, Bud_66, TinyTimmy_67, Bachome_69, Insomnia_68, Petersenfast_65
- Track 124 : Salz_66
- Track 125 : Sham4_67, Bowtie_68, Lucivia_68
- Track 126 : Saskia_67
- Track 127 : Pharaoh_66

- Track 128 : DarthPhader_66
- Track 129 : Refuge_66
- Track 130 : Zimmer_66
- Track 131 : Steamy_65
- Track 132 : Phlei_55
- Track 133 : Gail_70
- Track 134 : Luchador_71
- Track 135 : Jeeves_72
- Track 136 : SororFago_70
- Track 137 : Sunhee_71
- Track 138 : DekHockey33_78, Epsocamisio_73, Anaysia_77, Boohoo_77, Rosalind_75, Battleship_79, LastResort_75, Switzerland_76, ReMo_75, Looper_76, ShayRa_77, Soups_77, MinecraftSteve_77
- Track 139 : Oofda_77
- Track 140 : Elle_73
- Track 141 : Nedarya_73
- Track 142 : Ravana_79
- Track 143 : Anon_75
- Track 144 : Remus_77, Strosahl_77
- Track 145 : KatherineG_77
- Track 146 : JSwag_76
- Track 147 : Nebulosus_74
- Track 148 : Warrior24_78
- Track 149 : Waits_77
- Track 150 : EagleEye_73, PainterBoy_71, Lucyedi_72
- Track 151 : 40AC_67
- Track 152 : MyraDee_67
- Track 153 : Kimona_62
- Track 154 : AN9_71, VC3_70, ANI8_71, C3_64
- Track 155 : Journey13_60
- Track 156 : EvilGenius_69, KingCyrus_69, JoshKayV_69, ChipMunk_70
- Track 157 : GaugeLDP_64
- Track 158 : Kalpine_68
- Track 159 : Changeling_67
- Track 160 : Flare16_68, Gratitude_66, Equemioh13_68, Sknot_68, Centaur_69, HarryHoudini_69, MiculUcigas_68, Updawg_69, Baehexic_67, Terrific_69, NaSiaTalie_68, WideWale_69
- Track 161 : AN3_70, LadyBird_72, First_0069, 20ES_70, VA6_68, BengiVuitton_68
- Track 162 : L5_65, Koduck_69
- Track 163 : Tristan_65, Jaan_67, Bactobuster_64, Phaded_65
- Track 164 : Kerberos_70, StarStuff_70, Duplo_70, DBQu4n_70, Pomar16_69
- Track 165 : Caraxes_70, Superchunk_69
- Track 166 : QueenBeesly_68, SemperFi_69, Georgie2_69, SnapTap_68, SweetiePie_68, Power_67, FiringLine_68
- Track 167 : BobSwaget_62, Lokk_63
- Track 168 : ArcherNM_62
- Track 169 : BiancaTri92_68, Leogania_68
- Track 170 : Benvolio_65, Anselm_69, Agape74_70, AbbyPaige_70, Dalmatian_69, Jerm_70, DudeLittle_67, Turbido_69, Smeagan_71, Retro23_69, Echid_68
- Track 171 : TipsytheTRex_68
- Track 172 : Loser_70
- Track 173 : Trooper_68
- Track 174 : Pukovnik_65

- Track 175 : Serenity_72
- Track 176 : LionsBait_69
- Track 177 : Colin_67, Trixie_67
- Track 178 : NicoleTera_66
- Track 179 : MissWhite_67
- Track 180 : Adzzy_71
- Track 181 : Jsquared_72, Bradman_71, Quokka_70, MajorMajor_70
- Track 182 : Larenn_66, Malec_67
- Track 183 : AnnaL29_68
- Track 184 : XianYue_65
- Track 185 : Buggy_70, Whabigail7_69
- Track 186 : Crucio_68
- Track 187 : Dignity_70
- Track 188 : Drake55_70, Piro94_68
- Track 189 : ForesterFrank_64
- Track 190 : RedRock_68
- Track 191 : Rachaly_65
- Track 192 : Leviathan_70
- Track 193 : TarsusIV_65
- Track 194 : HippoHollow_67
- Track 195 : QueenB2_67, Fameo_68, Heffalump_67
- Track 196 : D29_65, Travvers_69
- Track 197 : Landor_67
- Track 198 : EZMoney23_65
- Track 199 : Tomathan_70
- Track 200 : Miko_63
- Track 201 : Che12_71
- Track 202 : Prudy_62
- Track 203 : IronMan_66
- Track 204 : DeerParkTS_65
- Track 205 : Deloris_68
- Track 206 : Acolyte_60
- Track 207 : BabyBack_65
- Track 208 : NothingSpecial_65
- Track 209 : LilTurb_69
- Track 210 : Odin_68
- Track 211 : SwirlSquare_74
- Track 212 : Ph8s_71
- Track 213 : WeiHuaDA_69
- Track 214 : Herbertwm_64
- Track 215 : CRB1_70
- Track 216 : Naji_70, D32_69
- Track 217 : Iwokeuplikedis_69
- Track 218 : Anthony_60
- Track 219 : FatCactus_54
- Track 220 : Kinmap_71
- Track 221 : Chargerpower_66
- Track 222 : Popcicle_65, QuinnKiro_64, Veracruz_63, Caviar_65, Panamaxus_63, Lambert1_65, Norbert_62, Todacoro_65, Hookmount_65, EtoileNova_64, Pocahontas_65, Texage_63, Noella_65, ResDef_64, Margo_65
- Track 223 : Heliosoles_68, PurpleHaze_69, PhishRPhriends_67, Phranny_70, Gemma_68, Kalnoky_70, Manu_69, HaveUMetTed_70, OlanP_68, Groupthink_70, Reba_69, Marius_70, Kalb97_70, Calvinny_68

- Track 224 : Bigflo_68, Wooldri_71, Ollie_69, MoneyMay_68, P28Green_70, AgronaGT15_68, Phoxy_69, Vix_67, LBerry_70, Rummer_68, Spike509_69, Jobu08_67, GtownJaz_69, Mainiac_69, Snickers_69, Phoebe_70, Grub_69, DaHudson_68, Cullens_69, Daishi_68, Beauxregard13_68, SoilDragon_69, PGHhamlin_71, LugYA_72, Bxz2_64, Gwennie_66, Penny1_69, Watson_68, Dieselweasel_70, EpicPhail_70, Anubis_72, Stagni_68, MarQuardt_69, SoYo_68, GingkoMaracino_69, BreSam8_69, Methuselah_64, Marie_67, Colbster_67, Pembroke_69, Soshari_71, LarryKay_69, MadMarie_69, MuchMore_72, Farber_69, Iowa_68, JHC117_67, Tiffany_68, StepMih_68, JenCasNa_70, AugsMagnumOpus_72, Grif_69, Microwolf_67, Taurus_70, Sabinator_67, Fernando_69, Hercules11_69, Aglet_70, Malinsilva_71, PotatoSplit_70, Grum1_68, Zetzy_68, Sabia_69, Lilith_68
- Track 225 : JeppNRM_70, ACFishhook_67, Pawn_69
- Track 226 : HashRod_70
- Track 227 : Phantastic_67
- Track 228 : Montavir_66
- Track 229 : KADY_68, Louie6_68, Misomonster_70, BuzzBuzz_65, TinyPebbles_68
- Track 230 : DropBear_64, Marchesa_64, Zarafa_64
- Track 231 : BabyJohn_61, Chiqui_61
- Track 232 : Isca_64, HelDan_65, MK4_66, Kachowdy_64, Fred313_64, Heathen_66, Scout_65, B1_58, JF4_64, JF2_64
- Track 233 : Clammy_66, Bugatti_66, Idleandcovert_66, SaturnRing_66, Puppy_66, Pistachio_66, BlueBird_68, Giroux_68
- Track 234 : BabyRay_66
- Track 235 : MA5_66
- Track 236 : TNguyen7_67
- Track 237 : Rockstar_64
- Track 238 : Kingmustik0402_64, Burger_62, Eros_64, Romney_63, PeterPeter_64, Koan_61, Cocoaberry_64, Eapen_64, Alberto7_65, LittleB_64, Kyee_64, KFPoly_63, Connomayer_64, Scamp_64, Camperdownii_62, BubbleTrouble_63, TygerBlood_64, Citius_64, Caelakin_63, Bruiser_63, Skipitt_63, Lunsford_65, Medusa_64, Funston_63, Phacado_64, MeeZee_63, SenorClean_65, Mazhar510_64, Mayonnaise_62, TinaFeyge_62, Millski_63, Taquarus_63, Commander_63, YoSam321_64, Sultana_64, Wander_64, Albee_64, Flux_64, Eagle_63, Peaches_62, Clarenza_63, Melvin_66, Lorenzo_64, Jaykayelowell_61, Dhanush_64, Eris_63, Koreni_63, Gadost_64, NotAPhaseMom_63, Annyong_63, Thanksgivukkah_63, Lemur_64, Houdini22_63, Avle17_64, Relief_63, Wilbur_64, Shaka_62, Ruin_64, SteMason_61, Huxley_62, Nemo27_63, Palestino_63, Maverick_63, Pipcraft_61, JoongJeon_63
- Track 239 : BellusTerra_65, Nebs_65, CentreCat_64, LittleGuy_64, OKaNui_64, TroyPia_65, Ohfah_65, Phelipe_65, Eurydice_65, Abdiel_64, Polymorphads_65, Morrow_65, LeoAvram_63
- Track 240 : Bumblebee11_62, AbbysRanger_63, Backyardigan_61, PetiteSangsue_63, Katalie136_63, Cici_63, Datway_63, Perplexer_63, Achebe_62, Morpher26_63, Xena_62, Badger_62
- Track 241 : LochMonster_65, Obama12_65, NorthStar_62, Deano_62, LHTSCC_66, Ulysses_63, Druantia_63, Chaph_64, Holli_63, Phighter1804_64, Kamy_63, Cerulean_65, Happiness_63, Cintron_64, Bartimeaus_64, RockieBear_62, Bombshell_64, Blackmoor_63, Sparxx_65, KekoraPapaka_62, HamSlice_61, BangNhom_63, Broseidon_64, SheldonCooper_64, Sabertooth_64, Baby16_64, Tinybot_63, LappelDuVide_64, DirtyDunning_63, TiroTheta9_63, Pumbaa_64, ChampagnePapi_66, Spino_63, Roosevelt_62, JetBlade_64, Nyxis_63, Florean_64, Maxo_65, Rosa24_62

- Track 242 : Kremtemulon_64
- Track 243 : ICleared_63, Phontbonne_64
- Track 244 : Mundrea_63
- Track 245 : Arturo_62, Kratak_63
- Track 246 : Stasia_63
- Track 247 : Wizard007_63
- Track 248 : Miramae_63, AvatarAhPeg_63
- Track 249 : Noelle_64
- Track 250 : Shygu2_63
- Track 251 : Cindaradix_60
- Track 252 : Stink_63
- Track 253 : Iracema64_65
- Track 254 : Iceman_64
- Track 255 : Wile_63
- Track 256 : Tiger_64, Aragog_64, Jovo_65, AgentM_64, Phlorence_63, PickleBack_65, Lev2_65, ForGetIt_65, Conspiracy_65, Discoknowium_62
- Track 257 : Benedict_67
- Track 258 : Cuco_63, Coog_61, Midas2_61
- Track 259 : Micasa_62, Dublin_62
- Track 260 : MarysWell_62
- Track 261 : Tarynearal_61
- Track 262 : LittleCherry_62, Twigg_60, Swirley_64
- Track 263 : SydNat_64, Zolita_63, Ghoulboy_64, Archetta_62, Bluefalcon_60
- Track 264 : Jabiru_66
- Track 265 : Bonamassa_62
- Track 266 : Theia_61
- Track 267 : UnionJack_66
- Track 268 : Scorpia_67, Chadwick_67
- Track 269 : George_59, Milcery_62
- Track 270 : PetterN_71
- Track 271 : Naca_65
- Track 272 : Prinashe11_61
- Track 273 : Florence4_61, Florence1_59
- Track 274 : ElTiger69_68
- Track 275 : Airmid_66
- Track 276 : HuhtaEnerson15_62
- Track 277 : Temprado_72, Blue7_72, Jeffabunny_71, BennyP_70, WunderPhul_71, Zulu_72, Helmet_73, Hammer_71, Wiks_70, Indra_74, Rifter_71, Lilbunny_70, Zaka_71, Yokurt_70, ToneTone_68, BlessJoy_71, Garak_72
- Track 278 : Gladiator_68
- Track 279 : Blinn1_73
- Track 280 : Cookiedough_70, Polyphemus_72, Priamo_72, SuperAwesome_70, Neeharika16_69, Pmask_69, BABullseye_63, Newrala_70, SuperCallie99_67
- Track 281 : Artemis2UCLA_71, Koko_73, CloudWang3_72, Hexamo_71, Gruunaga_71, Roksolana_72
- Track 282 : Tucker_71
- Track 283 : GreedyLawyer_67, Candra_68, VohminGhazi_70, Kazan_71, EricB_69, Chartreuse_69, SmellyB_70, Kipper29_70, DaVinci_68, Hoot_65
- Track 284 : JewelBug_70
- Track 285 : Isiphiwo_68, Dorothea_70, Jordennis_69, McFly_70
- Track 286 : FlyCatcher_69, Toro_67, Sheen_67
- Track 287 : Timshel_67
- Track 288 : DroogsArmy_63

- Track 289 : PP_68
- Track 290 : HINdeR_64
- Track 291 : Phillis_75
- Track 292 : Saintus_73
- Track 293 : Stephig9_76
- Track 294 : Groundhog_76
- Track 295 : Dixon_76
- Track 296 : Smeadley_77
- Track 297 : Roary_79
- Track 298 : NearlyHeadless_78
- Track 299 : Astro_77
- Track 300 : Danforth_78
- Track 301 : Caitlin_75
- Track 302 : Expelliarmus_74
- Track 303 : Myxus_71, Jiawan_68, Pioneer_71, Aliter_72, Lilleskat_68, Hanray_69, HortumSL17_72, EdogawaKiddo_69, Onglai_69, Phonnegut_71, Tubs_71, Scherzo_70, Beemo_71, Phaeder_71, PackMan_70, Halex_69, RyeScarlet_72, Sachima_67, Ugenie5_66, Catalina_73
- Track 304 : Celestialunch_66, MegTheThird_66
- Track 305 : Ayanochan_69, ExplosioNervosa_69, Qobbit_69, Eidsmoe_69, Spouty_69, Priya_69, EmyBug_68, Alma_69, Fayely_69, Conquerage_69
- Track 306 : CogOmlette_68, Bellris_68, Rahalelujah_70, Minispark_68
- Track 307 : Darrell_72
- Track 308 : Charm_66, Klodlith_67, DreamTeam1_66
- Track 309 : BogosyJay_71, Maminiaina_71
- Track 310 : Vanisoa_68
- Track 311 : Toaka_70
- Track 312 : Keziacharles14_68
- Track 313 : SheaKeira_66
- Track 314 : WorldCup_68
- Track 315 : Arissanae_68
- Track 316 : Elephantoon_70
- Track 317 : Yecey3_73
- Track 318 : LoneWolf_71
- Track 319 : Toma_35, Goby_35
- Track 320 : Zemlya_37, Brataylor_38, Danzina_37
- Track 321 : TuanPN_34, Ejemplo_34
- Track 322 : Esperer_35, Ozzie_35, Indigo_34, Legacy_35, Unstoppable_35, Leviticus_35, Aaronocolus_35, BeardedLady_36, SunsetPointe_35
- Track 323 : Dattran_37, Celeste_36, Godpower_36
- Track 324 : Chucky_35, Dwayne_35, Triste_35, Snorlax_35, SarahRose_35, Whatever_35, Emaanora_38
- Track 325 : TagePhighter_37
- Track 326 : South40_35, RedBear_36, Katalie_35
- Track 327 : BarryBee_38, OzzyJ_36
- Track 328 : Phettuccine_35, Hydra_37, Bovely_35
- Track 329 : Asten_35, Hippo_35
- Track 330 : Caliburn_35
- Track 331 : BryanRecycles_36, Izzy_36, Oliynyk_36, Rusticus_36, Eddasa_36, Jash_36
- Track 332 : EnochSoames_38
- Track 333 : Werner_35
- Track 334 : Nanodon_37

- Track 335 : Yasdnil_35, Maneekul_35
- Track 336 : Lika_35, Sujidade_36
- Track 337 : Lorelei_36, Rana_36, Nabi_36
- Track 338 : Lannister_37
- Track 339 : Nerdos_34
- Track 340 : Triumph_37
- Track 341 : Daudau_36
- Track 342 : Superstar_39
- Track 343 : Zainub_38, Paolo_38
- Track 344 : Paedore_35
- Track 345 : Andris_35
- Track 346 : ELB20_34
- Track 347 : Alvy_38
- Track 348 : Bowden_36, TinaBelcher_36, TrvxScott_35
- Track 349 : GirlDinner_35
- Track 350 : Jevington_38
- Track 351 : Animus_35
- Track 352 : Haizum_37
- Track 353 : Pablito_35
- Track 354 : Caelum_37
- Track 355 : Nishikigoi_37, Tefunt_37
- Track 356 : Thestral_37
- Track 357 : Omar_38
- Track 358 : Amethyst_35
- Track 359 : R4_36
- Track 360 : Issmi_37
- Track 361 : BartholomewSD_38
- Track 362 : Axiom_36
- Track 363 : Hank144_37
- Track 364 : SqueakyClean_35
- Track 365 : Diane_35
- Track 366 : Marav_39
- Track 367 : Puginator_38
- Track 368 : Loofah_36
- Track 369 : Janus_36
- Track 370 : Sudan_37, Kaine_36, Pavo_37, Dexers_35, Alsaber_37, Provolone_37, Conan_37, ElGato_37
- Track 371 : Yosif_38
- Track 372 : Jhitchelle_37, Verabelle_39
- Track 373 : phiCAM_35
- Track 374 : Speedwell_41
- Track 375 : ZamZam_39
- Track 376 : Saftant_36
- Track 377 : Celery_39
- Track 378 : Amela_36, Verse_36
- Track 379 : Vanseggelen_41
- Track 380 : GreenWeasel_37
- Track 381 : BroPlease_36
- Track 382 : phiHau3_37
- Track 383 : Itza_37, Celia_37, Urza_37
- Track 384 : VieEnRose_36
- Track 385 : Gremlin23_60, RetrieverFever_59, Geostin_54, FlowerPower_59, Fabian_57, Vorvolakos_60

- Track 386 : Olicious_63
- Track 387 : ToriToki_63, Percastrophe_63, ZooBear_63, Immanuel3_62, HaugeAnator_63, Treat_63, JPandJE_63
- Track 388 : Kumquat_60, Zeigle_60
- Track 389 : Stella_64
- Track 390 : Romero_63
- Track 391 : Manuel_59
- Track 392 : Rideau_64, Dennebes_66
- Track 393 : Destructrice_62
- Track 394 : RosePharie_62
- Track 395 : WRightOn_64
- Track 396 : Spooks_34
- Track 397 : Bimmel_33
- Track 398 : Success_35
- Track 399 : PAS50_34
- Track 400 : PHL010M04_33
- Track 401 : LilBandit_33
- Track 402 : Enochoraptor_32
- Track 403 : P104A_33, Pirate_33, Keiki_33
- Track 404 : Aquarius_33
- Track 405 : DrParker_33
- Track 406 : P107A_33
- Track 407 : PA6_34
- Track 408 : Moyashi_33
- Track 409 : Attacne_33
- Track 410 : P108C_33
- Track 411 : MrAK_33
- Track 412 : P105_33
- Track 413 : P107C_33, ATCC29399BC_33, ATCC29399BT_33
- Track 414 : PAD20_34
- Track 415 : PHL060L00_33
- Track 416 : Rileysaurus_32
- Track 417 : BruceLethal_33
- Track 418 : P106M_33, P106L_33, P106I_33, P106A_33, P106C_34
- Track 419 : Supernova_33
- Track 420 : Stormborn_33
- Track 421 : P1.1_33
- Track 422 : PHL037M02_33
- Track 423 : PHL114L00_33
- Track 424 : Lauchelly_33
- Track 425 : Solid_33
- Track 426 : QueenBey_33
- Track 427 : P14.4_33
- Track 428 : P101A_33, MEAK_33
- Track 429 : Ouroboros_33
- Track 430 : PHL112N00_33
- Track 431 : Enoki_33
- Track 432 : P100A_33
- Track 433 : Kubed_33
- Track 434 : Leviosa_33
- Track 435 : P104B_33
- Track 436 : Cota_33
- Track 437 : P9.1_33

- Track 438 : PHL071N05_33
- Track 439 : Procrass1_33
- Track 440 : SKKY_33
- Track 441 : P100.1_33
- Track 442 : PHL067M10_33
- Track 443 : P100D_33
- Track 444 : Wizzo_33
- Track 445 : PHL113M01_33
- Track 446 : PHL111M01_33
- Track 447 : Jester_52, Rhodalysa_53, Rasputin_53, Hiro_53, Krishelle_53, Yoncess_52, Espica_53, Swann_53, RexFury_52, Nancinator_53, StCroix_52, BobbyDazzler_53, Belenaria_53, UhSalsa_53, RER2_46, Phrankensteen_53, CosmicSans_53, TWAMP_53, Shuman_53, Erik_53, AppleCloud_50, Naiad_52, PhailMary_52, Harlequin_52, Bradshaw_53, Lillie_53, Alatin_52, Natosaleda_52, Bryce_52
- Track 448 : Alpacados_52, Gollum_53, Bonanza_54, Partridge_52, Dinger_52, Takoda_53, Yogi_53
- Track 449 : AngryOrchard_50
- Track 450 : RGL3_47
- Track 451 : Ponzi_34
- Track 452 : Tailonex_59
- Track 453 : Ibantik_42

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

The start number called the most often in the published annotations is 55, it was called in 570 of the 1011 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• ACFishhook_67, AN9_71, ANI8_71, ATCC29399BC_33, ATCC29399BT_33, AbbysRanger_63, Abdiel_64, Achebe_62, Adzzy_71, AgentM_64, Aglet_70, AgronaGT15_68, Airmid_66, Alatin_52, Albee_64, Alberto7_65, Aliter_72, Alma_69, Alpacados_52, Alsaber_37, Amela_36, Amethyst_35, Andris_35, Aneem_68, Animus_35, Annyong_63, Anon_75, Anubis_72, AppleCloud_50, Aquarius_33, Aragog_64, Archetta_62, Arissanae_68, Artemis2UCLA_71, Arturo_62, Asten_35, Astro_77, Attacne_33, AugsMagnumOpus_72, AvatarAhPeg_63, Avle17_64, Axiom_36, Ayanochan_69, B1_58, BABullseye_63, Baby16_64, BabyJohn_61, BabyRay_66, Bachome_69, Backyardigan_61, Badger_62, BangNhom_63, BartholomewSD_38, Bartimeaus_64, Beauxregard13_68, Beemo_71, Belenaria_53, Bellris_68, BellusTerra_65, Benedict_67, Bigflo_68, Blackmoor_63, Blinn1_73, BlueBird_68, Bluefalcon_60, BobbyDazzler_53, BogosyJay_71, Bombshell_64, Bonamassa_62, Bonanza_54, Bovely_35, Bowtie_68, Bradman_71, Bradshaw_53, Brataylor_38, BreSam8_69, Broseidon_64, BruceLethal_33, Bruiser_63, Bryce_52, BubbleTrouble_63, Bud_66, Bugatti_66, Bumblebee11_62, Burger_62, BuzzBuzz_65, Bxz2_64, C3_64, Caelakin_63, Caelum_37, Caitlin_75, Calvinny_68, Camperdownii_62, Candra_68, Caraxes_70, Catalina_73, Caviar_65, Celery_39, Celestiallunch_66, Celia_37, CentreCat_64, Cerulean_65, Chadwick_67, ChampagnePapi_66, Chaph_64, Charm_66, Chartreuse_69, Che12_71, Chiqui_61, Chucky_35, Chupacabra_61, Cici_63, Cintron_64, Citius_64, Clammy_66, Clarenza_63, CloudWang3_72, Cocoaberry_64, CogOmlette_68, Colbster_67,

Commander_63, Conan_37, Connomayer_64, Conquerage_69, Conspiracy_65, Coog_61, Cookiedough_70, CosmicSans_53, Cota_33, Cuco_63, Cullens_69, DD5_61, DaHudson_68, DaVinci_68, Daishi_68, Danforth_78, Danzina_37, Darrell_72, Datway_63, Daudau_36, Deano_62, Dexers_35, Dhanush_64, Diane_35, Dieselweasel_70, Dinger_52, DirtyDunning_63, Discoknowium_62, Dixon_76, DontArgue_60, Dorothea_70, DrParker_33, Drake94_60, DreamTeam1_66, DropBear_64, Druantia_63, Dublin_62, DustyMartin_65, Dwayne_35, Eagle_63, Eaglepride_64, Eapen_64, Ebony_67, Edison31_59, EdogawaKiddo_69, Eidsmoe_69, ElGato_37, ElTiger69_68, Elephantoon_70, Elle_73, Emaanora_38, EmyBug_68, Enochoraptor_32, Enoki_33, EpicPhail_70, EricB_69, Erik_53, Eris_63, Eros_64, Espica_53, Et2Brutus_66, EtoileNova_64, Eurydice_65, Expelliarmus_74, ExplosioNervosa_69, Farber_69, FatCactus_54, Fayely_69, Fernando_69, Fibonacci_67, Flaverint_68, Florean_64, Florence1_59, Florence4_61, Flux_64, FlyCatcher_69, ForGetIt_65, Fred313_64, Funston_63, Gadost_64, Gemma_68, George_59, Ghouboy_64, Gilberta_68, GingkoMaracino_69, Giroux_68, Gladiator_68, Gollum_53, Goose_63, GreedyLawyer_67, Grif_69, Groundhog_76, Groupthink_70, Grub_69, Grum1_68, Gruunaga_71, GtownJaz_69, Gwennie_66, Haizum_37, HamSlice_61, Hanray_69, Happiness_63, Harlequin_52, HashRod_70, HaveUMetTed_70, Heathen_66, HelDan_65, Heliosoles_68, Hercules11_69, Hexamo_71, Hippo_35, Hiro_53, Horex_69, Holli_63, Hookmount_65, Hoot_65, HortumSL17_72, Houdini22_63, HuhtaEnerson15_62, Hutc2_66, Huxley_62, Hydra_37, ICleared_63, Iceman_64, Idleandcovert_66, Insomnia_68, Isca_64, Isiphiwo_68, Issmi_37, Itza_37, JF2_64, JF4_64, JHC117_67, Jabiru_66, Jabith_68, Jaykayelowell_61, JenCasNa_70, JeppNRM_70, Jester_52, JetBlade_64, JewelBug_70, Jhitchelle_37, Jiawan_68, Jobu08_67, JoongJeon_63, Jordennis_69, Joselito_68, Jovo_65, Jsquared_72, KADY_68, KFPoly_63, Kachowdy_64, Kaine_36, Kalb97_70, Kalnoky_70, Kampy_63, Katalie136_63, Katalie_35, Kazan_71, Keiki_33, KekoraPapaka_62, Keziacharles14_68, Kimba_66, Kimona_62, Kingmustik0402_64, Kinmap_71, Kipper29_70, KittenMittens_59, Klodlith_67, Koan_61, Koduck_69, Koko_73, Koreni_63, Kratak_63, Kremtemulon_64, Krishelle_53, Kristoff_62, Kubed_33, Kyee_64, L5_65, LBerry_70, LHTSCC_66, Lambert1_65, LappelDuVide_64, LarryKay_69, Lauchelly_33, Lemur_64, LeoAvram_63, Lev2_65, Leviosa_33, LilBandit_33, Lilith_68, Lilleskat_68, Lillie_53, LittleB_64, LittleCherry_62, LittleGuy_64, LochMonster_65, Lockley_60, LoneWolf_71, Loofah_36, Lorenzo_64, Louie6_68, Iowa_68, Lucivia_68, LugYA_72, Lunsford_65, MA5_66, MEAK_33, MK4_66, MaCh_67, Mabel_67, MadMarie_69, Magnito_63, Mainiac_69, MajorMajor_70, Malinsilva_71, Maminiaina_71, Manu_69, MarQuardt_69, Marchesa_64, Margo_65, Marie_67, Marius_70, MarysWell_62, Maverick_63, Maxo_65, Mayonnaise_62, Mazhar510_64, McFly_70, Medusa_64, MeeZee_63, MegTheThirid_66, Melvin_66, Methuselah_64, Micasa_62, Microwolf_67, Midas2_61, Milcery_62, Millski_63, Minispark_68, Miramae_63, Misomonster_70, MoneyMay_68, Morpher26_63, Morrow_65, Moyashi_33, MrAK_33, MuchMore_72, Mulciber_66, Munch_67, Mundrea_63, Myxus_71, Naca_65, Naiad_52, Nancinator_53, Natosaleda_52, NearlyHeadless_78, Nebs_65, Neeharika16_69, Nemo27_63, Nerdos_34, Newrala_70, Nishikigoi_37, Noella_65, Noelle_64, Norbert_62, NorthStar_62, NotAPhaseMom_63, Nyxis_63, OKCentral2016_61, OKaNui_64, Obama12_65, Odin_68, Ohfah_65, OlanP_68, Ollie_69, Omar_38, Onglai_69, Orange_66, Ouroboros_33, P1.1_33, P100.1_33, P100A_33, P100D_33, P101A_33, P104A_33, P104B_33, P105_33, P106A_33, P106C_34, P106I_33, P106L_33, P106M_33, P107A_33, P107C_33, P108C_33, P14.4_33, P28Green_70, P9.1_33, PA6_34, PAD20_34, PAS50_34, PGHhamlin_71, PHL010M04_33, PHL037M02_33, PHL060L00_33, PHL067M10_33, PHL071N05_33, PHL111M01_33, PHL112N00_33, PHL113M01_33,

PHL114L00_33, PP_68, PackMan_70, Palestino_63, Panamaxus_63, Partridge_52,
 Pavo_37, Pawn_69, PeaceMeal1_60, Peaches_62, Pembroke_69, Penny1_69,
 Perplexer_63, PeterPeter_64, Petersenfast_65, PetiteSangsue_63, PetterN_71,
 Ph8s_71, Phacado_64, Phaeder_71, PhailMary_52, Phantastic_67, Pharaoh_66,
 Phelipe_65, Phettuccine_35, Phighter1804_64, Phillis_75, PhishRPhriends_67,
 Phlorence_63, Phoebe_70, Phonnegut_71, Phontbonne_64, Phoxy_69,
 Phrankenstein_53, Phranny_70, PickleBack_65, Pioneer_71, Pipcraft_61, Pirate_33,
 Pistachio_66, Pmask_69, Pocahontas_65, Polymorphads_65, Polyphemus_72,
 Poompha_60, Popcicle_65, PotatoSplit_70, Priamo_72, Prinashel1_61, Priya_69,
 Procrass1_33, Provolone_37, Pumbaa_64, Puppy_66, PurpleHaze_69, Qobbit_69,
 QueenBey_33, QuinnKiro_64, Quokka_70, R4_36, RER2_46, RGL3_47,
 Rahalelujah_70, Rasputin_53, Reba_69, Rebeuca_63, RedBear_36, Relief_63,
 ResDef_64, RexFury_52, Rhodalyssa_53, RhynO_62, Rileysaurus_32, Ringer_65,
 Roary_79, RockieBear_62, Rockstar_64, Roksolana_72, Romney_63, Roosevelt_62,
 Rosa24_62, Rowdy_65, Ruin_64, Rummer_68, RyeScarlet_72, SKKY_33,
 Sabertooth_64, Sabia_69, Sabinator_67, Sachima_67, Saftant_36, Saintus_73,
 Salz_66, SarahRose_35, Saskia_67, SaturnRing_66, Scamp_64, Scherzo_70,
 Scorpia_67, Scout_65, SenorClean_65, Serenity_72, Severus_60, Shaka_62,
 Sham4_67, Shapes_65, SheaKeira_66, Sheen_67, SheldonCooper_64, Shuman_53,
 Shygu2_63, Skipitt_63, Smeadley_77, SmellyB_70, Snape_67, Snickers_69,
 Snorlax_35, SoYo_68, SoilDragon_69, Solid_33, Soshari_71, South40_35,
 Sparxx_65, Speedwell_41, Spike509_69, Spino_63, Spouty_69, SqueakyClean_35,
 StCroix_52, Stagni_68, Stasia_63, SteMason_61, Steamy_65, StepMih_68,
 Stephig9_76, Stink_63, Stormborn_33, Sudan_37, Sultana_64, SuperAwesome_70,
 SuperCallie99_67, Superchunk_69, Supernova_33, Swann_53, SwirlSquare_74,
 Swirley_64, SydNat_64, TNGuyen7_67, TWAMP_53, TagePhighter_37, Tailonex_59,
 Takoda_53, Taquarus_63, Tarynearal_61, Taurus_70, Tefunt_37, Texage_63,
 Thanksgiving_63, Theia_61, Thestral_37, Tiffany_68, Tiger_64, Timothy_67,
 TinaFeyge_62, TinyPebbles_68, TinyTimmy_67, Tinybot_63, TipsytheTRex_68,
 TiroTheta9_63, Toaka_70, Todacoro_65, Topanga_59, Toro_67, Trike_59, Triste_35,
 Triumph_37, TroyPia_65, Tubs_71, Twigg_60, Twister_61, TygerBlood_64,
 Ugenie5_66, UhSalsa_53, Ulysses_63, UnionJack_66, Urza_37, VC3_70,
 Vanisoa_68, Vanseggelen_41, Verabelle_39, Veracruz_63, Verse_36,
 VieEnRose_36, Vix_67, VohminGhazi_70, WalterMcMickey_61, Wander_64,
 Watson_68, Werner_35, Whatever_35, Wilbur_64, Wile_63, Wizard007_63,
 Wizzo_33, Wolpertinger_65, Wooldri_71, WorldCup_68, Xena_62, Yecy3_73,
 YoSam321_64, Yogi_53, Yoncess_52, Yosif_38, ZamZam_39, Zarafa_64,
 Zemlya_37, Zetzy_68, Zolita_63, phiHau3_37,

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

- Aaronocolus_35, Alvy_38, AngryOrchard_50, Anthony_60, BarryBee_38,
 BeardedLady_36, Bowden_36, BroPlease_36, BryanRecycles_36, Caliburn_35,
 Celeste_36, Cindaradix_60, Dattran_37, ELB20_34, Eddasa_36, Ejemplo_34,
 EnochSoames_38, Esperer_35, GirlDinner_35, Goby_35, Godpower_36,
 GreenWeasel_37, Hank144_37, Indigo_34, Iracema64_65, Izzy_36, Janus_36,
 Jash_36, Jevington_38, Lannister_37, Legacy_35, Leviticus_35, Lika_35, Lorelei_36,
 Maneekul_35, Marav_39, Montavir_66, Nabi_36, Nanodon_37, Oliynyk_36,
 Ozzie_35, OzzyJ_36, Pablito_35, Paedore_35, Paolo_38, Puginator_38, Rana_36,
 Rusticus_36, Sujidade_36, SunsetPointe_35, Superstar_39, TinaBelcher_36,
 Toma_35, TrvxScott_35, TuanPN_34, Unstoppable_35, Yasdnil_35, Zainub_38,
 phiCAM_35,

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

• 20ES_70, 40AC_67, A6_55, AFIS_60, AN3_70, AbbyPaige_70, Abbysshoes_64, Abrogate_630, Acme_65, Acolyte_60, Adahisdi_63, Aeneas_66, Agaliana_58, Agape74_70, Ajay_63, Aldrich_59, Alsfro_69, Altman_65, Alvin_63, Anaysia_77, Anglerfish_63, AnnaL29_68, Anselm_69, Applejack_63, Arcanine_65, ArcherNM_62, Arlo_61, Ashballer_66, Atkinbua_66, BK1_55, BPBiebs31_65, BabyBack_65, BaconJack_67, Bactobuster_64, Baehexic_67, Barriga_66, BarrowTuph_64, Battleship_79, Beatrix_62, BeesKnees_66, BengiVuitton_68, BennyP_70, Benvolio_65, Bethlehem_62, Bexan_60, BiancaTri92_68, Big3_64, BigMau_65, BigPaolini_60, Bigchungl_62, Bigfoot_55, BillKnuckles_60, Bimmel_33, Bircsak_63, Blackflame_59, BlessJoy_71, Blessor_59, BluSpix_61, Blue7_72, Blue_62, Bob3_64, BobSwaget_62, Bones_62, Boohoo_77, Briton15_67, Bruns_65, Bugsy_70, Burton_64, Buttons_60, Bxb1_57, CRB1_70, CactusRose_63, Carlyle_63, CartmannCramer_61, CatBus_59, Centaur_69, Chanagan_57, Changeling_67, Chargerpower_66, ChipMunk_70, ChristmasHams_57, Ciao_61, Colin_67, ConceptII_65, Corvo_64, Crispicous1_61, Crucio_68, Cueylyss_63, D29_65, D32_69, DBQu4n_70, Dalmatian_69, DarthPhader_66, DeerParkTS_65, DekHockey33_78, Deloris_68, Dennebes_66, Destructrice_62, Dexes_63, Dignity_70, Doom_61, DrFeelGood_61, Drake55_70, DreamCatcher_66, Dreamboat_64, DroogsArmy_63, DudeLittle_67, Dulcie_64, Duplo_70, Dussy_63, Dynamix_65, EZMoney23_65, EagleEye_73, Echild_68, Edtherson_62, EnzoK_63, Epsocamisio_73, Equemioh13_68, Espresso_60, Euphoria_61, EvilGenius_69, Eyeball_65, Fabian_57, Fajezeel_64, Fameo_68, Fascinus_57, Fenn_66, FiringLine_68, First_0069, Flare16_68, FlowerPower_59, ForesterFrank_64, Forsytheast_65, Francis47_62, Froghopper_61, Fushigi_59, GMonster_60, Gachnar_64, GageAP_65, Gail_70, Gandalf20_65, Garak_72, GaugeLDP_64, Georgie2_69, Geostin_54, Gompeii16_63, Graduation_67, Gratitude_66, GrecoEtereo_62, Greg_64, Gremlin23_60, GroundGoblin_60, Gwendoluna_67, Gyzlar_59, HINdeR_64, Hami1_58, Hammer_71, HanShotFirst_64, HarryHoudini_69, HarryOW_61, HaugeAnator_63, Heffalump_67, Helmet_73, Herbertwm_64, Hermia_61, HermioneGrange_65, HippoHollow_67, Homines_55, Hope4ever_64, ILeeKay_65, Ibantik_42, Ichabod_67, IgnatiusPatJac_63, Immanuel3_62, Indra_74, Inyanga_59, Iqorha_59, IronMan_66, Iwokeuplikedis_69, JC27_66, JPandJE_63, JSwag_76, Jaan_67, JackSparrow_67, Jasper_63, Jeeves_72, Jeffabunny_71, Jerm2_65, Jerm_70, Jorgensen_66, JoshKayV_69, Journey13_60, JuliaChild_64, KBG_64, KSSJEB_63, Kalpine_68, Kanely_64, KatherineG_77, Kenmech_66, Kerberos_70, KikiBouba_61, Killigrew_62, KingCyrus_69, Kugel_66, Kumquat_60, KyMonks1A_68, Kykar_64, LadyBird_72, Lamina13_67, Landor_67, Larenn_66, LastResort_75, Leoganía_68, Lesedi_60, Levia_61, Leviathan_70, Licorice_64, LilBib_63, LilTurb_69, Lilbunny_70, LionsBait_69, Lokk_63, Looper_76, Lopton_64, Loser_70, Luchador_71, Lucyedi_72, LunarLander_63, MPlant7149_63, Magnar_63, Makemake_68, Malec_67, Manatee_63, Manuel_59, Marcell_60, Marchy_57, Marco3_67, Marge_60, Maroc7_61, Marsha_62, MaryBeth_61, McGuire_64, McSinger_61, MetalQZJ_60, Michley_67, MiculUcigas_68, Miko_63, MilleFeuille_59, MinecraftSteve_77, MissWhite_67, Mkhusei_59, Molly_64, Monet_66, Moose_65, MrGordo_65, Mryolo_61, Mule_60, Museum_65, MyraDee_67, NEHalo_61, NaSiaTalie_68, Naira_65, Naji_70, Nebulosus_74, Nedarya_73, Nerujay_65, Nhonho_62, NicoleTera_66, Niza_65, Norz_63, NothingSpecial_65, Noxious_60, Ohno789_64, Olicious_63, Oofda_77, Oogway_62, PSullivan_61, PacerPaul_63, PainterBoy_71, Papez_65, Paphu_63, Paraselene_63, Pari_66, Parliament_65, PascalRango_61, PattyP_65, Payneful_61, Pelly_64, Pepe_61, Percastrophe_63, Perseus_62, Peterson_67, Petp2012_66, Petruchio_63, Phaded_65, PherrisBueller_63, PhineBark_63, Phlei_55, Phlippers_59, PhrostyMug_63, PinkPlastic_63, Pinto_64, Pippin_63, Piro94_68, Pita2_64, Pomar16_69, Ponzi_34,

PowerRanger_61, Power_67, ProMouse_64, Prudy_62, Pukovnik_65, Puppet_61, QTRLifeCrisis_63, QueenB2_67, QueenBeesly_68, Rachaly_65, Raid_62, Rajelicia_63, Ravana_79, ReMo_75, RedRock_68, Refuge_66, Remus_77, RetrieverFever_59, Retro23_69, Rhynn_61, Rideau_64, RidgeCB_63, Rifter_71, Rohr_65, Romero_63, Rosalind_75, RosePharie_62, Rubeus_62, Rufus_65, Ruotula_67, Rutherford_65, STLscum_72, Sagefire_65, Sandaddy_61, Sanya_59, SarFire_62, Scowl_64, Seabiscuit_66, Seanderson_66, SemperFi_69, ShayRa_77, ShortQueendom_55, Sibs6_65, SkiPole_71, Sknot_68, Slagathor_65, Smairt_65, Smeagan_71, Smeagol_66, SnapTap_68, Snazzy_61, Solon_62, SororFago_70, Sorpresa_62, Soups_77, SpikeBT_62, Spooks_34, Squee_64, StarStuff_70, Stella_64, StewieG_58, StrongArm_61, Strosahl_77, Success_35, Sumter_59, Sunhee_71, Sunshine924_68, SweetiePie_68, SwissCheese_67, Switzer_64, Switzerland_76, Swole_64, Target_65, TarsusIV_65, Tasp14_67, Temprado_72, Teodoridan_62, Terrific_69, TheloniousMonk_66, Thor_62, Timshel_67, Tomathan_70, ToneTone_68, Topgun_61, ToriToki_63, Tote_59, Traft412_66, Travvers_69, Treat_63, Treddle_64, Tripl3t_68, Tristan_65, Trixie_67, Trooper_68, Trouble_64, Tucker_71, Turbido_69, Turj99_61, TwoPeat_64, U2_61, Updawg_69, VA6_68, Violet_61, Vorvolakos_60, WRightOn_64, Waits_77, Warrior24_78, Watermelon_63, WeiHuaDA_69, Whabigail7_69, Wheeler_66, Whitspit_59, WideWale_69, Wiks_70, Wilkins_62, WunderPhul_71, XianYue_65, Yokurt_70, Zaka_71, Zeeculate_62, Zeigle_60, Zephyr_64, Zeuska_69, Zimmer_66, ZooBear_63, Zulu_72,

Summary by start number:

Start 39:

- Found in 109 of 1143 (9.5%) of genes in pham
- Manual Annotations of this start: 1 of 1011
- Called 0.9% of time when present
- Phage (with cluster) where this start called: Iracema64_65 (A4),

Start 44:

- Found in 2 of 1143 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1011
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Oofda_77 (A15),

Start 45:

- Found in 125 of 1143 (10.9%) of genes in pham
- Manual Annotations of this start: 15 of 1011
- Called 12.0% of time when present
- Phage (with cluster) where this start called: Anaysia_77 (A15), Battleship_79 (A15), Boohoo_77 (A15), DekHockey33_78 (A15), Epsocamisio_73 (A15), KatherineG_77 (A15), LastResort_75 (A15), Looper_76 (A15), MinecraftSteve_77 (A15), ReMo_75 (A15), Rosalind_75 (A15), ShayRa_77 (A15), Soups_77 (A15), Switzerland_76 (A15), Waits_77 (A15),

Start 46:

- Found in 3 of 1143 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 1011
- Called 33.3% of time when present
- Phage (with cluster) where this start called: DroogsArmy_63 (A7),

Start 49:

- Found in 5 of 1143 (0.4%) of genes in pham
- Manual Annotations of this start: 3 of 1011
- Called 60.0% of time when present
- Phage (with cluster) where this start called: HINdeR_64 (A7), Switzer_64 (A1), Timshe_67 (A7),

Start 51:

- Found in 61 of 1143 (5.3%) of genes in pham
- Manual Annotations of this start: 57 of 1011
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ArcherNM_62 (A2), BabyBack_65 (A2), Baehexic_67 (A2), BobSwaget_62 (A2), Centaur_69 (A2), Changeling_67 (A2), Crucio_68 (A2), Dennebes_66 (BF), Destructrice_62 (BF), Drake55_70 (A2), EZMoney23_65 (A2), Equemioh13_68 (A2), Fabian_57 (BF), FiringLine_68 (A2), Flare16_68 (A2), FlowerPower_59 (BF), GaugeLDP_64 (A2), Georgie2_69 (A2), Geostin_54 (BF), Gratitude_66 (A2), Gremlin23_60 (BF), HarryHoudini_69 (A2), HaugeAnator_63 (BF), Immanuel3_62 (BF), Iwokeuplikedis_69 (A2), JPandJE_63 (BF), Kumquat_60 (BF), Larenn_66 (A2), Lokk_63 (A2), Malec_67 (A2), Manuel_59 (BF), MiculUcigas_68 (A2), Miko_63 (A2), NaSiaTalie_68 (A2), Olicious_63 (BF), Percastrophe_63 (BF), Piro94_68 (A2), Power_67 (A2), QueenBeesly_68 (A2), Rachaly_65 (A2), RetrieverFever_59 (BF), Rideau_64 (BF), Romero_63 (BF), RosePharie_62 (BF), SemperFi_69 (A2), Sknot_68 (A2), SnapTap_68 (A2), Stella_64 (BF), SweetiePie_68 (A2), TarsusIV_65 (A2), Terrific_69 (A2), ToriToki_63 (BF), Treat_63 (BF), Trooper_68 (A2), Updawg_69 (A2), Vorvolakos_60 (BF), WRightOn_64 (BF), WideWale_69 (A2), XianYue_65 (A2), Zeigle_60 (BF), ZooBear_63 (BF),

Start 52:

- Found in 60 of 1143 (5.2%) of genes in pham
- Manual Annotations of this start: 49 of 1011
- Called 100.0% of time when present
- Phage (with cluster) where this start called: 20ES_70 (A2), AN3_70 (A2), AbbyPaige_70 (A2), Acolyte_60 (A2), Agape74_70 (A2), AnnaL29_68 (A2), Anselm_69 (A2), Bactobuster_64 (A2), BengiVuitton_68 (A2), Benvolio_65 (A2), BiancaTri92_68 (A2), Bugsy_70 (A2), CRB1_70 (A2), Chargerpower_66 (A2), ChipMunk_70 (A2), Colin_67 (A2), Dalmatian_69 (A2), DeerParkTS_65 (A2), Deloris_68 (A2), Dignity_70 (A2), DudeLittle_67 (A2), Echid_68 (A2), EvilGenius_69 (A2), Fameo_68 (A2), First_0069 (A2), ForesterFrank_64 (A2), Gail_70 (A14), Heffalump_67 (A2), Herbertwm_64 (A2), HippoHollow_67 (A2), IronMan_66 (A2), Jaan_67 (A2), Jeeves_72 (A14), Jerm_70 (A2), JoshKayV_69 (A2), Kalpine_68 (A2), KingCyrus_69 (A2), LadyBird_72 (A2), Landor_67 (A2), Leogania_68 (A2), Leviathan_70 (A2), LilTurb_69 (A2), LionsBait_69 (A2), Loser_70 (A2), NothingSpecial_65 (A2), Phaded_65 (A2), Prudy_62 (A2), Pukovnik_65 (A2), QueenB2_67 (A2), RedRock_68 (A2), Retro23_69 (A2), Smeagan_71 (A2), SororFago_70 (A14), Sunhee_71 (A14), Tristan_65 (A2), Trixie_67 (A2), Turbido_69 (A2), VA6_68 (A2), WeiHuaDA_69 (A2), Whabigail7_69 (A2),

Start 53:

- Found in 129 of 1143 (11.3%) of genes in pham
- Manual Annotations of this start: 118 of 1011
- Called 99.2% of time when present

- Phage (with cluster) where this start called: A6_55 (A1), Abbyshoes_64 (A1), Abrogate_630 (A1), Agaliana_58 (A1), Alsfro_69 (A1), Altman_65 (A1), Anglerfish_63 (A1), Applejack_63 (A1), Arcanine_65 (A1), Arlo_61 (A1), Ashballer_66 (A1), Atkinbua_66 (A1), BK1_55 (A1), BPBiebs31_65 (A1), BaconJack_67 (A1), BarrowTuph_64 (A1), Beatrix_62 (A1), Bethlehem_62 (A1), Bexan_60 (A1), BigMau_65 (A1), Bigfoot_55 (A1), BillKnuckles_60 (A1), Bimmel_33 (BT), Bircsak_63 (A1), Blesser_59 (A1), BluSpix_61 (A1), Blue_62 (A1), Bob3_64 (A1), Briton15_67 (A1), Bruns_65 (A1), Burton_64 (A1), CactusRose_63 (A1), Carlyle_63 (A1), CartmannCramer_61 (A1), ChristmasHams_57 (A1), ConceptII_65 (A1), Dexes_63 (A1), DrFeelGood_61 (A1), Dreamboat_64 (A1), Dussy_63 (A1), EnzoK_63 (A1), Espresso_60 (A1), Euphoria_61 (A1), Fascinus_57 (A1), Francis47_62 (A1), GMonster_60 (A1), Gandalf20_65 (A1), Gompeii16_63 (A1), Graduation_67 (A1), GrecoEtereo_62 (A1), Gwendoluna_67 (A1), HanShotFirst_64 (A1), HermioneGrange_65 (A1), Hope4ever_64 (A1), ILeeKay_65 (A1), Ibantik_42 (singleton), Ichabod_67 (A1), IgnatiusPatJac_63 (A1), JC27_66 (A1), Jasper_63 (A1), Jorgensen_66 (A1), JuliaChild_64 (A1), KBG_64 (A1), Kanely_64 (A1), Kenmech_66 (A1), Kugel_66 (A1), Kykar_64 (A1), MPlant7149_63 (A1), Makemake_68 (A1), Manatee_63 (A1), Marco3_67 (A1), Maroc7_61 (A1), Marsha_62 (A1), Michley_67 (A1), MilleFeuille_59 (A1), Molly_64 (A1), MrGordo_65 (A1), Mryolo_61 (A1), Museum_65 (A1), Nerujay_65 (A1), Nhonho_62 (A1), Niza_65 (A1), Ohno789_64 (A1), PSullivan_61 (A1), PacerPaul_63 (A1), Papez_65 (A1), Paraselene_63 (A1), Pari_66 (A1), PattyP_65 (A1), Pelly_64 (A1), Pepe_61 (A1), Petp2012_66 (A1), Petruccio_63 (A1), PherrisBueller_63 (A1), Pita2_64 (A1), PowerRanger_61 (A1), ProMouse_64 (A1), QTRlifeCrisis_63 (A1), Raid_62 (A1), Rajelicia_63 (A1), RidgeCB_63 (A1), Rubeus_62 (A1), Rufus_65 (A1), Ruotula_67 (A1), STLscum_72 (A1), Sanya_59 (A1), SarFire_62 (A1), Scowl_64 (A1), Sibs6_65 (A1), SkiPole_71 (A1), Slagathor_65 (A1), Spooks_34 (BT), Squee_64 (A1), StrongArm_61 (A1), Success_35 (BT), Sumter_59 (A1), Swole_64 (A1), Target_65 (A1), Teodoridan_62 (A1), TheloniousMonk_66 (A1), Thor_62 (A1), Tote_59 (A1), Traft412_66 (A1), Turj99_61 (A1), TwoPeat_64 (A1), U2_61 (A1), Zeeculate_62 (A1), Zephyr_64 (A1),

Start 54:

- Found in 2 of 1143 (0.2%) of genes in pham
- Manual Annotations of this start: 2 of 1011
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Fenn_66 (A1), Naira_65 (A1),

Start 55:

- Found in 710 of 1143 (62.1%) of genes in pham
- Manual Annotations of this start: 570 of 1011
- Called 91.7% of time when present
- Phage (with cluster) where this start called: ACFishhook_67 (A3), AN9_71 (A2), ANI8_71 (A2), ATCC29399BC_33 (BU), ATCC29399BT_33 (BU), AbbysRanger_63 (A4), Abdiel_64 (A4), Achebe_62 (A4), Adzzy_71 (A2), AgentM_64 (A5), Aglet_70 (A3), AgronaGT15_68 (A3), Airmid_66 (A5), Alatin_52 (CA), Albee_64 (A4), Alberto7_65 (A4), Aliter_72 (A9), Alma_69 (A9), Alpacados_52 (CA), Alsaber_37 (BD3), Amela_36 (BD3), Amethyst_35 (BD2), Andris_35 (BD2), Aneem_68 (A11), Animus_35 (BD2), Annyong_63 (A4), Anon_75 (A15), Anubis_72 (A3), AppleCloud_50 (CA), Aquarius_33 (BU), Aragog_64 (A5), Archetta_62 (A5), Arissanae_68 (A9), Artemis2UCLA_71 (A6), Arturo_62 (A4), Asten_35 (BD1), Astro_77 (A8), Attacne_33 (BU), AugsMagnumOpus_72 (A3), AvatarAhPeg_63 (A4), Avle17_64 (A4), Axiom_36 (BD2), Ayanochan_69 (A9), B1_58 (A3), BABullseye_63 (A6), Baby16_64 (A4), BabyJohn_61 (A3), BabyRay_66 (A3), Bachome_69 (A11),

Backyardigan_61 (A4), Badger_62 (A4), BangNhom_63 (A4), BartholomewSD_38 (BD2), Bartimeaus_64 (A4), Beauxregard13_68 (A3), Beemo_71 (A9), Belenaria_53 (CA), Bellris_68 (A9), BellusTerra_65 (A4), Benedict_67 (A5), Bigflo_68 (A3), Blackmoor_63 (A4), Blinn1_73 (A6), BlueBird_68 (A3), Bluefalcon_60 (A5), BobbyDazzler_53 (CA), BogosyJay_71 (A9), Bombshell_64 (A4), Bonamassa_62 (A5), Bonanza_54 (CA), Bovely_35 (BD1), Bowtie_68 (A11), Bradman_71 (A2), Bradshaw_53 (CA), Brataylor_38 (BD1), BreSam8_69 (A3), Broseidon_64 (A4), BruceLethal_33 (BU), Bruiser_63 (A4), Bryce_52 (CA), BubbleTrouble_63 (A4), Bud_66 (A11), Bugatti_66 (A3), Bumblebee11_62 (A4), Burger_62 (A4), BuzzBuzz_65 (A3), Bxz2_64 (A3), C3_64 (A2), Caelakin_63 (A4), Caelum_37 (BD2), Caitlin_75 (A8), Calvinny_68 (A3), Camperdownii_62 (A4), Candra_68 (A6), Caraxes_70 (A2), Catalina_73 (A9), Caviar_65 (A3), Celery_39 (BD3), Celestiallunch_66 (A9), Celia_37 (BD6), CentreCat_64 (A4), Cerulean_65 (A4), Chadwick_67 (A5), ChampagnePapi_66 (A4), Chaph_64 (A4), Charm_66 (A9), Chartreuse_69 (A6), Che12_71 (A2), Chiqui_61 (A3), Chucky_35 (BD1), Chupacabra_61 (A10), Cici_63 (A4), Cintron_64 (A4), Citius_64 (A4), Clammy_66 (A3), Clarenza_63 (A4), CloudWang3_72 (A6), Cocoaberry_64 (A4), CogOmlette_68 (A9), Colbster_67 (A3), Commander_63 (A4), Conan_37 (BD3), Connomayer_64 (A4), Conquerage_69 (A9), Conspiracy_65 (A5), Coog_61 (A5), Cookiedough_70 (A6), CosmicSans_53 (CA), Cota_33 (BU), Cuco_63 (A5), Cullens_69 (A3), DD5_61 (A1), DaHudson_68 (A3), DaVinci_68 (A6), Daishi_68 (A3), Danforth_78 (A8), Danzina_37 (BD1), Darrell_72 (A9), Datway_63 (A4), Daudau_36 (BD2), Deano_62 (A4), Dexters_35 (BD3), Dhanush_64 (A4), Diane_35 (BD2), Dieselweasel_70 (A3), Dinger_52 (CA), DirtyDunning_63 (A4), Discoknowium_62 (A5), Dixon_76 (A8), DontArgue_60 (A10), Dorothea_70 (A6), DrParker_33 (BU), Drake94_60 (A10), DreamTeam1_66 (A9), DropBear_64 (A3), Druantia_63 (A4), Dublin_62 (A5), DustyMartin_65 (A10), Dwayne_35 (BD1), Eagle_63 (A4), Eaglepride_64 (A10), Eapen_64 (A4), Ebony_67 (A11), Edison31_59 (A10), EdogawaKiddo_69 (A9), Eidsmoe_69 (A9), ElGato_37 (BD3), ElTiger69_68 (A5), Elephantoon_70 (A9), Elle_73 (A15), Emaanora_38 (BD1), EmyBug_68 (A9), Enochoraptor_32 (BU), Enoki_33 (BU), EpicPhail_70 (A3), EricB_69 (A6), Erik_53 (CA), Eris_63 (A4), Eros_64 (A4), Espica_53 (CA), Et2Brutus_66 (A11), EtoileNova_64 (A3), Eurydice_65 (A4), Expelliarmus_74 (A8), ExplosioNervosa_69 (A9), Farber_69 (A3), FatCactus_54 (A20), Fayely_69 (A9), Fernando_69 (A3), Fibonacci_67 (A11), Flaverint_68 (A11), Florean_64 (A4), Florence1_59 (A5), Florence4_61 (A5), Flux_64 (A4), FlyCatcher_69 (A7), ForGetIt_65 (A5), Fred313_64 (A3), Funston_63 (A4), Gadost_64 (A4), Gemma_68 (A3), George_59 (A5), Ghoulboy_64 (A5), Gilberta_68 (A11), GingkoMaracino_69 (A3), Giroux_68 (A3), Gladiator_68 (A6), Gollum_53 (CA), Goose_63 (A10), GreedyLawyer_67 (A6), Grif_69 (A3), Groundhog_76 (A8), Groupthink_70 (A3), Grub_69 (A3), Grum1_68 (A3), Gruunaga_71 (A6), GtownJaz_69 (A3), Gwennie_66 (A3), Haizum_37 (BD2), HamSlice_61 (A4), Hanray_69 (A9), Happiness_63 (A4), Harlequin_52 (CA), HashRod_70 (A3), HaveUMetTed_70 (A3), Heathen_66 (A3), HelDan_65 (A3), Heliosoles_68 (A3), Hercules11_69 (A3), Hexamo_71 (A6), Hippo_35 (BD1), Hiro_53 (CA), Horex_69 (A9), Holli_63 (A4), Hookmount_65 (A3), Hoot_65 (A6), HortumSL17_72 (A9), Houdini22_63 (A4), HuhtaEnerson15_62 (A5), Hutc2_66 (A11), Huxley_62 (A4), Hydra_37 (BD1), ICleared_63 (A4), Iceman_64 (A4), Idleandcovert_66 (A3), Insomnia_68 (A11), Isca_64 (A3), Isiphiwo_68 (A6), Issmi_37 (BD2), Itza_37 (BD6), JF2_64 (A3), JF4_64 (A3), JHC117_67 (A3), Jabiru_66 (A5), Jabith_68 (A11), Jaykayelowell_61 (A4), JenCasNa_70 (A3), JeppNRM_70 (A3), Jester_52 (CA), JetBlade_64 (A4), JewelBug_70 (A6), Jhitchelle_37 (BD3), Jiawan_68 (A9), Jobu08_67 (A3), JoongJeon_63 (A4), Jordennis_69 (A6), Joselito_68 (A11), Jovo_65 (A5), Jsquared_72 (A2), KADY_68 (A3), KFPoly_63 (A4), Kachowdy_64 (A3),

Kaine_36 (BD3), Kalb97_70 (A3), Kalnoky_70 (A3), Kampy_63 (A4), Katalie136_63 (A4), Katalie_35 (BD1), Kazan_71 (A6), Keiki_33 (BU), KekoraPapaka_62 (A4), Keziacharles14_68 (A9), Kimba_66 (A11), Kimona_62 (A19), Kingmustik0402_64 (A4), Kinmap_71 (A21), Kipper29_70 (A6), KittenMittens_59 (A10), Klodlith_67 (A9), Koan_61 (A4), Koduck_69 (A2), Koko_73 (A6), Koreni_63 (A4), Kratak_63 (A4), Kremtemulon_64 (A4), Krishelle_53 (CA), Kristoff_62 (A10), Kubed_33 (BU), Kyee_64 (A4), L5_65 (A2), LBerry_70 (A3), LHTSCC_66 (A4), Lambert1_65 (A3), LappelDuVide_64 (A4), LarryKay_69 (A3), Lauchelly_33 (BU), Lemur_64 (A4), LeoAvram_63 (A4), Lev2_65 (A5), Leviosa_33 (BU), LilBandit_33 (BU), Lilith_68 (A3), Lilleskat_68 (A9), Lillie_53 (CA), LittleB_64 (A4), LittleCherry_62 (A5), LittleGuy_64 (A4), LochMonster_65 (A4), Lockley_60 (A1), LoneWolf_71 (A9), Loofah_36 (BD2), Lorenzo_64 (A4), Louie6_68 (A3), Lowa_68 (A3), Lucivia_68 (A11), LugYA_72 (A3), Lunsford_65 (A4), MA5_66 (A3), MEAK_33 (BU), MK4_66 (A3), MaCh_67 (A11), Mabel_67 (A11), MadMarie_69 (A3), Magnito_63 (A1), Mainiac_69 (A3), MajorMajor_70 (A2), Malinsilva_71 (A3), Maminiaina_71 (A9), Manu_69 (A3), MarQuardt_69 (A3), Marchesa_64 (A3), Margo_65 (A3), Marie_67 (A3), Marius_70 (A3), MarysWell_62 (A5), Maverick_63 (A4), Maxo_65 (A4), Mayonnaise_62 (A4), Mazhar510_64 (A4), McFly_70 (A6), Medusa_64 (A4), MeeZee_63 (A4), MegTheThird_66 (A9), Melvin_66 (A4), Methuselah_64 (A3), Micasa_62 (A5), Microwolf_67 (A3), Midas2_61 (A5), Milcery_62 (A5), Millski_63 (A4), Minispark_68 (A9), Miramae_63 (A4), Misomonster_70 (A3), MoneyMay_68 (A3), Morpher26_63 (A4), Morrow_65 (A4), Moyashi_33 (BU), MrAK_33 (BU), MuchMore_72 (A3), Mulciber_66 (A11), Munch_67 (A11), Mundrea_63 (A4), Myxus_71 (A9), Naca_65 (A5), Naiad_52 (CA), Nancinator_53 (CA), Natosaleda_52 (CA), NearlyHeadless_78 (A8), Nebs_65 (A4), Neeharika16_69 (A6), Nemo27_63 (A4), Nerdos_34 (BD1), Newrala_70 (A6), Nishikigoi_37 (BD2), Noella_65 (A3), Noelle_64 (A4), Norbert_62 (A3), NorthStar_62 (A4), NotAPhaseMom_63 (A4), Nyxis_63 (A4), OKCentral2016_61 (A10), OKaNui_64 (A4), Obama12_65 (A4), Odin_68 (A2), Ohfah_65 (A4), OlanP_68 (A3), Ollie_69 (A3), Omar_38 (BD2), Onglai_69 (A9), Orange_66 (A11), Ouroboros_33 (BU), P1.1_33 (BU), P100.1_33 (BU), P100A_33 (BU), P100D_33 (BU), P101A_33 (BU), P104A_33 (BU), P104B_33 (BU), P105_33 (BU), P106A_33 (BU), P106C_34 (BU), P106I_33 (BU), P106L_33 (BU), P106M_33 (BU), P107A_33 (BU), P107C_33 (BU), P108C_33 (BU), P14.4_33 (BU), P28Green_70 (A3), P9.1_33 (BU), PA6_34 (BU), PAD20_34 (BU), PAS50_34 (BU), PGHhamlin_71 (A3), PHL010M04_33 (BU), PHL037M02_33 (BU), PHL060L00_33 (BU), PHL067M10_33 (BU), PHL071N05_33 (BU), PHL111M01_33 (BU), PHL112N00_33 (BU), PHL113M01_33 (BU), PHL114L00_33 (BU), PP_68 (A7), PackMan_70 (A9), Palestino_63 (A4), Panamaxus_63 (A3), Partridge_52 (CA), Pavo_37 (BD3), Pawn_69 (A3), PeaceMeal1_60 (A10), Peaches_62 (A4), Pembroke_69 (A3), Penny1_69 (A3), Perplexer_63 (A4), PeterPeter_64 (A4), Petersenfast_65 (A11), PetiteSangsue_63 (A4), PetterN_71 (A5), Ph8s_71 (A2), Phacado_64 (A4), Phaeder_71 (A9), PhailMary_52 (CA), Phantastic_67 (A3), Pharaoh_66 (A12), Felipe_65 (A4), Phettuccine_35 (BD1), Phighter1804_64 (A4), Phillis_75 (A8), PhishRPhriends_67 (A3), Phlorence_63 (A5), Phoebe_70 (A3), Phonnegut_71 (A9), Phontbonne_64 (A4), Phoxy_69 (A3), Phrankenstien_53 (CA), Phranny_70 (A3), PickleBack_65 (A5), Pioneer_71 (A9), Pipcraft_61 (A4), Pirate_33 (BU), Pistachio_66 (A3), Pmask_69 (A6), Pocahontas_65 (A3), Polymorphads_65 (A4), Polyphemus_72 (A6), Poompha_60 (A10), Popcicle_65 (A3), PotatoSplit_70 (A3), Priamo_72 (A6), Prinashe11_61 (A5), Priya_69 (A9), Procrass1_33 (BU), Provolone_37 (BD3), Pumbaa_64 (A4), Puppy_66 (A3), PurpleHaze_69 (A3), Qobbit_69 (A9), QueenBey_33 (BU), QuinnKiro_64 (A3), Quokka_70 (A2), R4_36 (BD2), RER2_46 (CA), RGL3_47 (CA), Rahalelujah_70 (A9), Rasputin_53 (CA), Reba_69 (A3), Rebeuca_63 (A10), RedBear_36 (BD1), Relief_63 (A4), ResDef_64

(A3), RexFury_52 (CA), Rhodalysa_53 (CA), RhynO_62 (A10), Rileysaurus_32 (BU), Ringer_65 (A1), Roary_79 (A8), RockieBear_62 (A4), Rockstar_64 (A3), Roksolana_72 (A6), Romney_63 (A4), Roosevelt_62 (A4), Rosa24_62 (A4), Rowdy_65 (A10), Ruin_64 (A4), Rummer_68 (A3), RyeScarlet_72 (A9), SKKY_33 (BU), Sabertooth_64 (A4), Sabia_69 (A3), Sabinator_67 (A3), Sachima_67 (A9), Saftant_36 (BD3), Saintus_73 (A8), Salz_66 (A11), SarahRose_35 (BD1), Saskia_67 (A11), SaturnRing_66 (A3), Scamp_64 (A4), Scherzo_70 (A9), Scorpio_67 (A5), Scout_65 (A3), SenorClean_65 (A4), Serenity_72 (A2), Severus_60 (A10), Shaka_62 (A4), Sham4_67 (A11), Shapes_65 (A10), SheaKeira_66 (A9), Sheen_67 (A7), SheldonCooper_64 (A4), Shuman_53 (CA), Shygu2_63 (A4), Skipitt_63 (A4), Smeadley_77 (A8), SmellyB_70 (A6), Snape_67 (A11), Snickers_69 (A3), Snorlax_35 (BD1), SoYo_68 (A3), SoilDragon_69 (A3), Solid_33 (BU), Soshari_71 (A3), South40_35 (BD1), Sparxx_65 (A4), Speedwell_41 (BD3), Spike509_69 (A3), Spino_63 (A4), Spouty_69 (A9), SqueakyClean_35 (BD2), StCroix_52 (CA), Stagni_68 (A3), Stasia_63 (A4), SteMason_61 (A4), Steamy_65 (A12), StepMih_68 (A3), Stephig9_76 (A8), Stink_63 (A4), Stormborn_33 (BU), Sudan_37 (BD3), Sultana_64 (A4), SuperAwesome_70 (A6), SuperCallie99_67 (A6), Superchunk_69 (A2), Supernova_33 (BU), Swann_53 (CA), SwirlSquare_74 (A2), Swirley_64 (A5), SydNat_64 (A5), TNguyen7_67 (A3), TWAMP_53 (CA), TagePhighter_37 (BD1), Tailonex_59 (singleton), Takoda_53 (CA), Taquarus_63 (A4), Tarynearal_61 (A5), Taurus_70 (A3), Tefunt_37 (BD2), Texage_63 (A3), Thanksgivukkah_63 (A4), Theia_61 (A5), Thestral_37 (BD2), Tiffany_68 (A3), Tiger_64 (A5), Timothy_67 (A11), TinaFeyge_62 (A4), TinyPebbles_68 (A3), TinyTimmy_67 (A11), Tinybot_63 (A4), TipsytheTRex_68 (A2), TiroTheta9_63 (A4), Toaka_70 (A9), Todacoro_65 (A3), Topanga_59 (A10), Toro_67 (A7), Trike_59 (A10), Triste_35 (BD1), Triumph_37 (BD2), TroyPia_65 (A4), Tubs_71 (A9), Twigg_60 (A5), Twister_61 (A10), TygerBlood_64 (A4), Ugenie5_66 (A9), UhSalsa_53 (CA), Ulysses_63 (A4), UnionJack_66 (A5), Urza_37 (BD6), VC3_70 (A2), Vanisoa_68 (A9), Vanseggelen_41 (BD3), Verabelle_39 (BD3), Veracruz_63 (A3), Verse_36 (BD3), VieEnRose_36 (BD6), Vix_67 (A3), VohminGhazi_70 (A6), WalterMcMickey_61 (A10), Wander_64 (A4), Watson_68 (A3), Werner_35 (BD1), Whatever_35 (BD1), Wilbur_64 (A4), Wile_63 (A4), Wizard007_63 (A4), Wizzo_33 (BU), Wolpertinger_65 (A11), Wooldri_71 (A3), WorldCup_68 (A9), Xena_62 (A4), Yecey3_73 (A9), YoSam321_64 (A4), Yogi_53 (CA), Yoncess_52 (CA), Yosif_38 (BD3), ZamZam_39 (BD3), Zarafa_64 (A3), Zemlya_37 (BD1), Zetzy_68 (A3), Zolita_63 (A5), phiHau3_37 (BD4),

Start 57:

- Found in 395 of 1143 (34.6%) of genes in pham
- Manual Annotations of this start: 99 of 1011
- Called 29.1% of time when present
- Phage (with cluster) where this start called: AFIS_60 (A1), Acme_65 (A1), Adahisdi_63 (A1), Aeneas_66 (A1), Ajay_63 (A1), Aldrich_59 (A1), Alvin_63 (A1), Anthony_60 (A20), Barriga_66 (A1), BeesKnees_66 (A1), Big3_64 (A1), BigPaolini_60 (A1), Bigchungi_62 (A1), Blackflame_59 (A1), Bones_62 (A1), Buttons_60 (A1), Bxb1_57 (A1), CatBus_59 (A1), Chanagan_57 (A1), Ciao_61 (A1), Cindaradix_60 (A4), Corvo_64 (A1), Crispicous1_61 (A1), Cueylyss_63 (A1), Doom_61 (A1), DreamCatcher_66 (A1), Dulcie_64 (A1), Dynamix_65 (A1), Edtherson_62 (A1), Eyeball_65 (A1), Fajezeel_64 (A1), Forsytheast_65 (A1), Froghopper_61 (A1), Fushigi_59 (A1), Gachnar_64 (A1), GageAP_65 (A1), Greg_64 (A1), GroundGoblin_60 (A1), Gyzzlar_59 (A1), Hami1_58 (A1), HarryOW_61 (A1), Hermia_61 (A1), Homines_55 (A1), Inyanga_59 (A1), Iqorha_59 (A1), JackSparrow_67 (A1), Jerm2_65 (A1), KSSJEB_63 (A1), KikiBouba_61 (A1),

Killigrew_62 (A1), KyMonks1A_68 (A1), Lamina13_67 (A1), Lesedi_60 (A1), Levia_61 (A1), Licorice_64 (A1), LilBib_63 (A1), Lopton_64 (A1), LunarLander_63 (A1), Magnar_63 (A1), Marcell_60 (A1), Marchy_57 (A1), Marge_60 (A1), MaryBeth_61 (A1), McGuire_64 (A1), McSinger_61 (A1), MetalQZJ_60 (A1), Mkhuseleli_59 (A1), Monet_66 (A1), Moose_65 (A1), Mule_60 (A1), NEHalo_61 (A1), Norz_63 (A1), Noxious_60 (A1), Oogway_62 (A1), Paphu_63 (A1), Parliament_65 (A1), PascalRango_61 (A1), Payneful_61 (A1), Perseus_62 (A1), Peterson_67 (A1), PhineBark_63 (A1), Philipppers_59 (A1), PhrostyMug_63 (A1), PinkPlastic_63 (A1), Pinto_64 (A1), Pippin_63 (A1), Puppet_61 (A1), Rhynn_61 (A1), Rohr_65 (A1), Rutherford_65 (A1), Sagefire_65 (A1), Sandaddy_61 (A1), Seabiscuit_66 (A1), Seanderson_66 (A1), ShortQueendom_55 (A1), Smairt_65 (A1), Smeagol_66 (A1), Snazzy_61 (A1), Solon_62 (A1), Sorpresa_62 (A1), SpikeBT_62 (A1), StewieG_58 (A1), Sunshine924_68 (A1), SwissCheese_67 (A1), Tasp14_67 (A1), Topgun_61 (A1), Treddle_64 (A1), Tripl3t_68 (A1), Trouble_64 (A1), Violet_61 (A1), Watermelon_63 (A1), Wheeler_66 (A1), Whitspit_59 (A1), Wilkins_62 (A1), Zeuska_69 (A1),

Start 58:

- Found in 89 of 1143 (7.8%) of genes in pham
- No Manual Annotations of this start.
- Called 1.1% of time when present
- Phage (with cluster) where this start called: Montavir_66 (A3),

Start 59:

- Found in 45 of 1143 (3.9%) of genes in pham
- Manual Annotations of this start: 2 of 1011
- Called 4.4% of time when present
- Phage (with cluster) where this start called: AngryOrchard_50 (CA), Nedarya_73 (A15),

Start 61:

- Found in 32 of 1143 (2.8%) of genes in pham
- Manual Annotations of this start: 6 of 1011
- Called 25.0% of time when present
- Phage (with cluster) where this start called: JSwag_76 (A15), MyraDee_67 (A18), Nebulosus_74 (A15), Phlei_55 (A13), Ravana_79 (A15), Remus_77 (A15), Strosahl_77 (A15), Warrior24_78 (A15),

Start 62:

- Found in 284 of 1143 (24.8%) of genes in pham
- Manual Annotations of this start: 31 of 1011
- Called 12.0% of time when present
- Phage (with cluster) where this start called: 40AC_67 (A17), BennyP_70 (A6), BlessJoy_71 (A6), Blue7_72 (A6), D32_69 (A2), DBQu4n_70 (A2), DarthPhader_66 (A12), Duplo_70 (A2), EagleEye_73 (A16), Garak_72 (A6), Hammer_71 (A6), Helmet_73 (A6), Indra_74 (A6), Jeffabunny_71 (A6), Kerberos_70 (A2), Lilbunny_70 (A6), Luchador_71 (A14), Lucyedi_72 (A16), Naji_70 (A2), PainterBoy_71 (A16), Pomar16_69 (A2), Refuge_66 (A12), Rifter_71 (A6), StarStuff_70 (A2), Temprado_72 (A6), Tomathan_70 (A2), ToneTone_68 (A6), Tucker_71 (A6), Wiks_70 (A6), WunderPhul_71 (A6), Yokurt_70 (A6), Zaka_71 (A6), Zimmer_66 (A12), Zulu_72 (A6),

Start 63:

- Found in 3 of 1143 (0.3%) of genes in pham
- Manual Annotations of this start: 3 of 1011
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Lorelei_36 (BD1), Nabi_36 (BD1), Rana_36 (BD1),

Start 65:

- Found in 116 of 1143 (10.1%) of genes in pham
- Manual Annotations of this start: 2 of 1011
- Called 1.7% of time when present
- Phage (with cluster) where this start called: Ejemplo_34 (BD1), TuanPN_34 (BD1),

Start 66:

- Found in 208 of 1143 (18.2%) of genes in pham
- Manual Annotations of this start: 1 of 1011
- Called 0.5% of time when present
- Phage (with cluster) where this start called: NicoleTera_66 (A2),

Start 67:

- Found in 33 of 1143 (2.9%) of genes in pham
- Manual Annotations of this start: 12 of 1011
- Called 36.4% of time when present
- Phage (with cluster) where this start called: Alvy_38 (BD2), Bowden_36 (BD2), GirlDinner_35 (BD2), Hank144_37 (BD2), Jevington_38 (BD2), Marav_39 (BD2), Paedore_35 (BD2), Paolo_38 (BD2), Puginator_38 (BD2), TinaBelcher_36 (BD2), TrvxScott_35 (BD2), Zainub_38 (BD2),

Start 70:

- Found in 68 of 1143 (5.9%) of genes in pham
- Manual Annotations of this start: 1 of 1011
- Called 2.9% of time when present
- Phage (with cluster) where this start called: D29_65 (A2), Travvers_69 (A2),

Start 71:

- Found in 74 of 1143 (6.5%) of genes in pham
- Manual Annotations of this start: 1 of 1011
- Called 1.4% of time when present
- Phage (with cluster) where this start called: BroPlease_36 (BD4),

Start 72:

- Found in 275 of 1143 (24.1%) of genes in pham
- Manual Annotations of this start: 33 of 1011
- Called 12.7% of time when present
- Phage (with cluster) where this start called: Aaronocolus_35 (BD1), BarryBee_38 (BD1), BeardedLady_36 (BD1), BryanRecycles_36 (BD1), Caliburn_35 (BD1), Celeste_36 (BD1), Dattran_37 (BD1), ELB20_34 (BD2), Eddasa_36 (BD1), EnochSoames_38 (BD1), Esperer_35 (BD1), Goby_35 (BD1), Godpower_36 (BD1), GreenWeasel_37 (BD4), Indigo_34 (BD1), Izzy_36 (BD1), Janus_36 (BD2), Jash_36 (BD1), Lannister_37 (BD1), Legacy_35 (BD1), Leviticus_35 (BD1), Lika_35 (BD1), Maneekul_35 (BD1), Nanodon_37 (BD1), Oliynyk_36 (BD1), Ozzie_35 (BD1), OzzyJ_36 (BD1), Pablito_35 (BD2), Rusticus_36 (BD1), Sujidade_36 (BD1), SunsetPointe_35 (BD1), Toma_35 (BD1), Unstoppable_35 (BD1), Yasdnil_35 (BD1), phiCAM_35 (BD3),

Start 73:

- Found in 29 of 1143 (2.5%) of genes in pham
- Manual Annotations of this start: 2 of 1011
- Called 10.3% of time when present
- Phage (with cluster) where this start called: Journey13_60 (A2), MissWhite_67 (A2), Superstar_39 (BD2),

Start 85:

- Found in 2 of 1143 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 1011
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Ponzi_34 (singleton),

Summary by clusters:

There are 32 clusters represented in this pham: BF, singleton, BT, BU, A15, A14, A17, A16, A11, A10, A13, A12, A19, A18, A1, BD4, A3, A2, BD1, A4, BD3, BD2, A9, A5, A7, CA, A6, A8, A20, A21, A22, BD6,

Info for manual annotations of cluster A1:

- Start number 49 was manually annotated 1 time for cluster A1.
- Start number 53 was manually annotated 114 times for cluster A1.
- Start number 54 was manually annotated 2 times for cluster A1.
- Start number 55 was manually annotated 4 times for cluster A1.
- Start number 57 was manually annotated 97 times for cluster A1.

Info for manual annotations of cluster A10:

- Start number 55 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A11:

- Start number 55 was manually annotated 24 times for cluster A11.

Info for manual annotations of cluster A12:

- Start number 55 was manually annotated 2 times for cluster A12.
- Start number 62 was manually annotated 3 times for cluster A12.

Info for manual annotations of cluster A14:

- Start number 52 was manually annotated 3 times for cluster A14.
- Start number 62 was manually annotated 1 time for cluster A14.

Info for manual annotations of cluster A15:

- Start number 44 was manually annotated 1 time for cluster A15.
- Start number 45 was manually annotated 15 times for cluster A15.
- Start number 55 was manually annotated 1 time for cluster A15.
- Start number 59 was manually annotated 1 time for cluster A15.
- Start number 61 was manually annotated 5 times for cluster A15.

Info for manual annotations of cluster A16:

- Start number 62 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:

- Start number 61 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:

- Start number 55 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:

- Start number 51 was manually annotated 34 times for cluster A2.
- Start number 52 was manually annotated 45 times for cluster A2.
- Start number 55 was manually annotated 13 times for cluster A2.
- Start number 62 was manually annotated 8 times for cluster A2.
- Start number 66 was manually annotated 1 time for cluster A2.
- Start number 70 was manually annotated 1 time for cluster A2.
- Start number 73 was manually annotated 2 times for cluster A2.

Info for manual annotations of cluster A20:

- Start number 57 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A22:

- Start number 52 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:

- Start number 55 was manually annotated 116 times for cluster A3.

Info for manual annotations of cluster A4:

- Start number 39 was manually annotated 1 time for cluster A4.
- Start number 55 was manually annotated 139 times for cluster A4.
- Start number 57 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A5:

- Start number 55 was manually annotated 38 times for cluster A5.

Info for manual annotations of cluster A6:

- Start number 55 was manually annotated 31 times for cluster A6.
- Start number 62 was manually annotated 16 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 46 was manually annotated 1 time for cluster A7.
- Start number 49 was manually annotated 2 times for cluster A7.
- Start number 55 was manually annotated 2 times for cluster A7.

Info for manual annotations of cluster A8:

- Start number 55 was manually annotated 11 times for cluster A8.

Info for manual annotations of cluster A9:

- Start number 55 was manually annotated 35 times for cluster A9.

Info for manual annotations of cluster BD1:

- Start number 55 was manually annotated 21 times for cluster BD1.
- Start number 63 was manually annotated 3 times for cluster BD1.
- Start number 65 was manually annotated 2 times for cluster BD1.
- Start number 72 was manually annotated 29 times for cluster BD1.

Info for manual annotations of cluster BD2:

- Start number 55 was manually annotated 18 times for cluster BD2.
- Start number 67 was manually annotated 12 times for cluster BD2.
- Start number 72 was manually annotated 3 times for cluster BD2.

Info for manual annotations of cluster BD3:

- Start number 55 was manually annotated 12 times for cluster BD3.

Info for manual annotations of cluster BD4:

- Start number 55 was manually annotated 1 time for cluster BD4.
- Start number 71 was manually annotated 1 time for cluster BD4.
- Start number 72 was manually annotated 1 time for cluster BD4.

Info for manual annotations of cluster BD6:

- Start number 55 was manually annotated 4 times for cluster BD6.

Info for manual annotations of cluster BF:

- Start number 51 was manually annotated 23 times for cluster BF.

Info for manual annotations of cluster BT:

- Start number 53 was manually annotated 3 times for cluster BT.

Info for manual annotations of cluster BU:

- Start number 55 was manually annotated 45 times for cluster BU.

Info for manual annotations of cluster CA:

- Start number 55 was manually annotated 35 times for cluster CA.
- Start number 59 was manually annotated 1 time for cluster CA.

Gene Information:

Gene: 20ES_70 Start: 42698, Stop: 41892, Start Num: 52

Candidate Starts for 20ES_70:

(Start: 52 @42698 has 49 MA's), (Start: 62 @42638 has 31 MA's), (Start: 66 @42620 has 1 MA's), (78, 42545), (81, 42530), (91, 42461), (99, 42416), (101, 42407), (129, 42266), (140, 42191), (143, 42173), (145, 42149), (151, 42092), (157, 42062), (158, 42053), (164, 42032), (175, 41990), (189, 41918),

Gene: 40AC_67 Start: 43059, Stop: 42316, Start Num: 62

Candidate Starts for 40AC_67:

(31, 43188), (35, 43176), (Start: 62 @43059 has 31 MA's), (105, 42813), (116, 42756), (121, 42735), (129, 42690), (140, 42615), (143, 42597), (145, 42573), (151, 42516), (157, 42486), (158, 42477), (160, 42471), (164, 42456), (185, 42363), (189, 42342),

Gene: A6_55 Start: 39731, Stop: 38910, Start Num: 53

Candidate Starts for A6_55:

(Start: 53 @39731 has 118 MA's), (Start: 57 @39719 has 99 MA's), (92, 39488), (95, 39476), (102, 39434), (103, 39422), (129, 39281), (140, 39203), (162, 39053), (173, 39011), (174, 39005), (189, 38930),

Gene: ACFishhook_67 Start: 41962, Stop: 41153, Start Num: 55

Candidate Starts for ACFishhook_67:

(Start: 55 @41962 has 570 MA's), (58, 41941), (96, 41701), (99, 41680), (121, 41578), (122, 41575), (127, 41539), (128, 41536), (131, 41521), (140, 41461), (143, 41443), (145, 41419), (157, 41332), (158, 41323), (175, 41260), (189, 41188),

Gene: AFIS_60 Start: 41345, Stop: 40533, Start Num: 57

Candidate Starts for AFIS_60:

(Start: 45 @41384 has 15 MA's), (Start: 57 @41345 has 99 MA's), (92, 41114), (95, 41102), (99, 41075), (102, 41060), (103, 41048), (129, 40907), (140, 40829), (164, 40670), (173, 40637), (189, 40556),

Gene: AN3_70 Start: 41413, Stop: 40607, Start Num: 52

Candidate Starts for AN3_70:

(Start: 52 @41413 has 49 MA's), (Start: 62 @41353 has 31 MA's), (Start: 66 @41335 has 1 MA's), (78, 41260), (81, 41245), (91, 41176), (99, 41131), (101, 41122), (129, 40981), (140, 40906), (143, 40888), (145, 40864), (151, 40807), (157, 40777), (158, 40768), (164, 40747), (175, 40705), (189, 40633),

Gene: AN9_71 Start: 42176, Stop: 41373, Start Num: 55

Candidate Starts for AN9_71:

(Start: 55 @42176 has 570 MA's), (Start: 62 @42116 has 31 MA's), (Start: 70 @42068 has 1 MA's), (84, 41996), (91, 41939), (116, 41810), (130, 41741), (140, 41669), (143, 41651), (145, 41627), (157, 41540), (158, 41531), (185, 41417), (189, 41396),

Gene: ANI8_71 Start: 42176, Stop: 41373, Start Num: 55

Candidate Starts for ANI8_71:

(Start: 55 @42176 has 570 MA's), (Start: 62 @42116 has 31 MA's), (Start: 70 @42068 has 1 MA's), (84, 41996), (91, 41939), (116, 41810), (130, 41741), (140, 41669), (143, 41651), (145, 41627), (157, 41540), (158, 41531), (185, 41417), (189, 41396),

Gene: ATCC29399BC_33 Start: 22741, Stop: 21878, Start Num: 55

Candidate Starts for ATCC29399BC_33:

(Start: 55 @22741 has 570 MA's), (68, 22645), (Start: 72 @22618 has 33 MA's), (79, 22576), (82, 22561), (87, 22525), (120, 22351), (121, 22345), (123, 22333), (125, 22327), (132, 22285), (140, 22237), (166, 22078), (206, 21904),

Gene: ATCC29399BT_33 Start: 22741, Stop: 21878, Start Num: 55

Candidate Starts for ATCC29399BT_33:

(Start: 55 @22741 has 570 MA's), (68, 22645), (Start: 72 @22618 has 33 MA's), (79, 22576), (82, 22561), (87, 22525), (120, 22351), (121, 22345), (123, 22333), (125, 22327), (132, 22285), (140, 22237), (166, 22078), (206, 21904),

Gene: Aaronocolus_35 Start: 26230, Stop: 26985, Start Num: 72

Candidate Starts for Aaronocolus_35:

(4, 25735), (31, 26044), (Start: 55 @26110 has 570 MA's), (Start: 72 @26230 has 33 MA's), (83, 26290), (87, 26323), (92, 26359), (97, 26383), (99, 26398), (119, 26494), (127, 26545), (129, 26551), (132, 26566), (137, 26605), (140, 26614), (153, 26734), (175, 26818), (176, 26830), (188, 26887), (207, 26968), (208, 26971),

Gene: AbbyPaige_70 Start: 42940, Stop: 42134, Start Num: 52

Candidate Starts for AbbyPaige_70:

(Start: 52 @42940 has 49 MA's), (Start: 62 @42880 has 31 MA's), (Start: 66 @42862 has 1 MA's), (78, 42787), (84, 42760), (91, 42703), (99, 42658), (101, 42649), (130, 42505), (140, 42433), (143, 42415), (145, 42391), (151, 42334), (157, 42304), (158, 42295), (159, 42292), (164, 42274), (189, 42160),

Gene: AbbysRanger_63 Start: 42147, Stop: 41347, Start Num: 55

Candidate Starts for AbbysRanger_63:

(Start: 55 @42147 has 570 MA's), (Start: 57 @42135 has 99 MA's), (Start: 62 @42087 has 31 MA's), (Start: 66 @42069 has 1 MA's), (78, 41994), (90, 41913), (91, 41910), (96, 41886), (121, 41763), (129, 41718), (136, 41655), (139, 41646), (140, 41643), (143, 41625), (148, 41592), (160, 41499), (162, 41493), (164, 41484), (177, 41421), (189, 41370),

Gene: Abbysshoes_64 Start: 42490, Stop: 41669, Start Num: 53

Candidate Starts for Abbysshoes_64:

(Start: 53 @42490 has 118 MA's), (Start: 57 @42478 has 99 MA's), (92, 42247), (95, 42235), (102, 42193), (103, 42181), (129, 42040), (138, 41968), (140, 41962), (162, 41812), (173, 41770), (175, 41761), (189, 41689),

Gene: Abdiel_64 Start: 41897, Stop: 41091, Start Num: 55

Candidate Starts for Abdiel_64:

(Start: 55 @41897 has 570 MA's), (Start: 57 @41885 has 99 MA's), (Start: 66 @41819 has 1 MA's), (78, 41744), (90, 41663), (96, 41636), (121, 41513), (128, 41471), (129, 41468), (136, 41405), (139, 41396), (140, 41393), (143, 41375), (148, 41342), (151, 41294), (160, 41249), (162, 41243), (164, 41234), (177, 41171), (189, 41120),

Gene: Abrogate_630 Start: 43779, Stop: 42958, Start Num: 53

Candidate Starts for Abrogate_630:

(Start: 53 @43779 has 118 MA's), (Start: 57 @43767 has 99 MA's), (92, 43536), (95, 43524), (99, 43497), (102, 43482), (103, 43470), (129, 43329), (139, 43254), (140, 43251), (162, 43101), (173, 43059), (175, 43050), (189, 42978),

Gene: Achebe_62 Start: 42130, Stop: 41330, Start Num: 55

Candidate Starts for Achebe_62:

(Start: 55 @42130 has 570 MA's), (Start: 57 @42118 has 99 MA's), (Start: 62 @42070 has 31 MA's), (Start: 66 @42052 has 1 MA's), (78, 41977), (90, 41896), (91, 41893), (96, 41869), (121, 41746), (129, 41701), (136, 41638), (139, 41629), (140, 41626), (143, 41608), (148, 41575), (160, 41482), (162, 41476), (164, 41467), (177, 41404), (189, 41353),

Gene: Acme_65 Start: 42401, Stop: 41592, Start Num: 57

Candidate Starts for Acme_65:

(Start: 45 @42440 has 15 MA's), (Start: 57 @42401 has 99 MA's), (92, 42170), (95, 42158), (102, 42116), (103, 42104), (129, 41963), (140, 41885), (173, 41693), (189, 41612),

Gene: Acolyte_60 Start: 40915, Stop: 40115, Start Num: 52

Candidate Starts for Acolyte_60:

(Start: 52 @40915 has 49 MA's), (Start: 73 @40798 has 2 MA's), (78, 40762), (91, 40678), (117, 40546), (121, 40531), (127, 40492), (130, 40483), (140, 40411), (143, 40393), (145, 40369), (151, 40312), (157, 40282), (158, 40273), (160, 40267), (164, 40252), (189, 40138),

Gene: Adahisdi_63 Start: 43345, Stop: 42536, Start Num: 57

Candidate Starts for Adahisdi_63:

(Start: 45 @43384 has 15 MA's), (Start: 57 @43345 has 99 MA's), (92, 43114), (95, 43102), (102, 43060), (103, 43048), (129, 42907), (140, 42829), (162, 42679), (173, 42637), (174, 42631), (189, 42556),

Gene: Adzzy_71 Start: 41317, Stop: 40514, Start Num: 55

Candidate Starts for Adzzy_71:

(Start: 55 @41317 has 570 MA's), (Start: 62 @41257 has 31 MA's), (Start: 65 @41245 has 2 MA's), (Start: 71 @41206 has 1 MA's), (84, 41137), (91, 41080), (117, 40948), (129, 40888), (140, 40813), (143, 40795), (145, 40771), (151, 40714), (157, 40684), (158, 40675), (159, 40672), (164, 40654), (175, 40612), (185, 40561), (189, 40540),

Gene: Aeneas_66 Start: 43903, Stop: 43094, Start Num: 57

Candidate Starts for Aeneas_66:

(Start: 45 @43942 has 15 MA's), (Start: 57 @43903 has 99 MA's), (92, 43672), (95, 43660), (102, 43618), (103, 43606), (129, 43465), (140, 43387), (162, 43237), (173, 43195), (174, 43189), (189, 43114),

Gene: Agaliana_58 Start: 39062, Stop: 38241, Start Num: 53

Candidate Starts for Agaliana_58:

(Start: 53 @39062 has 118 MA's), (Start: 57 @39050 has 99 MA's), (92, 38819), (95, 38807), (102, 38765), (103, 38753), (129, 38612), (140, 38534), (162, 38384), (189, 38261),

Gene: Agape74_70 Start: 42934, Stop: 42128, Start Num: 52

Candidate Starts for Agape74_70:

(Start: 52 @42934 has 49 MA's), (Start: 62 @42874 has 31 MA's), (Start: 66 @42856 has 1 MA's), (78, 42781), (84, 42754), (91, 42697), (99, 42652), (101, 42643), (130, 42499), (140, 42427), (143, 42409), (145, 42385), (151, 42328), (157, 42298), (158, 42289), (159, 42286), (164, 42268), (189, 42154),

Gene: AgentM_64 Start: 41327, Stop: 40521, Start Num: 55

Candidate Starts for AgentM_64:

(Start: 55 @41327 has 570 MA's), (Start: 62 @41267 has 31 MA's), (Start: 65 @41255 has 2 MA's), (84, 41147), (91, 41090), (95, 41072), (96, 41066), (111, 40991), (112, 40988), (139, 40820), (140, 40817), (143, 40799), (145, 40775), (149, 40757), (157, 40688), (158, 40679), (159, 40676), (175, 40616), (189, 40544),

Gene: Aglet_70 Start: 42004, Stop: 41195, Start Num: 55

Candidate Starts for Aglet_70:

(Start: 55 @42004 has 570 MA's), (58, 41983), (Start: 65 @41932 has 2 MA's), (96, 41743), (99, 41722), (121, 41620), (122, 41617), (128, 41578), (131, 41563), (140, 41503), (143, 41485), (145, 41461), (157, 41374), (158, 41365), (175, 41302), (189, 41230),

Gene: AgronaGT15_68 Start: 41852, Stop: 41043, Start Num: 55

Candidate Starts for AgronaGT15_68:

(Start: 55 @41852 has 570 MA's), (58, 41831), (Start: 65 @41780 has 2 MA's), (96, 41591), (99, 41570), (121, 41468), (122, 41465), (128, 41426), (131, 41411), (140, 41351), (143, 41333), (145, 41309), (157, 41222), (158, 41213), (175, 41150), (189, 41078),

Gene: Airmid_66 Start: 41983, Stop: 41177, Start Num: 55

Candidate Starts for Airmid_66:

(Start: 55 @41983 has 570 MA's), (60, 41932), (Start: 62 @41923 has 31 MA's), (91, 41746), (95, 41728), (96, 41722), (111, 41647), (112, 41644), (139, 41476), (140, 41473), (143, 41455), (145, 41431), (148, 41422), (149, 41413), (157, 41344), (158, 41335), (159, 41332), (175, 41272), (181, 41236), (189, 41200), (191, 41191),

Gene: Ajay_63 Start: 42291, Stop: 41482, Start Num: 57

Candidate Starts for Ajay_63:

(Start: 45 @42330 has 15 MA's), (Start: 57 @42291 has 99 MA's), (92, 42060), (95, 42048), (102, 42006), (103, 41994), (104, 41991), (129, 41853), (140, 41775), (162, 41625), (189, 41502),

Gene: Alatin_52 Start: 38094, Stop: 37213, Start Num: 55

Candidate Starts for Alatin_52:

(Start: 55 @38094 has 570 MA's), (Start: 59 @38067 has 2 MA's), (Start: 72 @37980 has 33 MA's), (79, 37938), (86, 37905), (96, 37833), (108, 37776), (129, 37665), (133, 37644), (134, 37641), (140, 37593), (143, 37575), (145, 37551), (146, 37548), (152, 37485), (158, 37455), (175, 37392), (189, 37320),

Gene: Albee_64 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Albee_64:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Alberto7_65 Start: 42221, Stop: 41415, Start Num: 55

Candidate Starts for Alberto7_65:

(Start: 39 @42266 has 1 MA's), (Start: 55 @42221 has 570 MA's), (Start: 57 @42209 has 99 MA's), (Start: 66 @42143 has 1 MA's), (78, 42068), (90, 41987), (96, 41960), (121, 41837), (128, 41795), (129, 41792), (136, 41729), (139, 41720), (140, 41717), (143, 41699), (148, 41666), (151, 41618), (160, 41573), (162, 41567), (164, 41558), (177, 41495), (189, 41444),

Gene: Aldrich_59 Start: 41578, Stop: 40769, Start Num: 57

Candidate Starts for Aldrich_59:

(Start: 45 @41617 has 15 MA's), (Start: 57 @41578 has 99 MA's), (92, 41347), (95, 41335), (102, 41293), (103, 41281), (129, 41140), (140, 41062), (162, 40912), (173, 40870), (175, 40861), (189, 40789),

Gene: Aliter_72 Start: 42181, Stop: 41372, Start Num: 55

Candidate Starts for Aliter_72:

(Start: 55 @42181 has 570 MA's), (84, 42001), (89, 41956), (91, 41944), (95, 41926), (117, 41809), (129, 41749), (140, 41674), (143, 41656), (145, 41632), (151, 41575), (157, 41545), (158, 41536), (186, 41410), (189, 41398),

Gene: Alma_69 Start: 42161, Stop: 41352, Start Num: 55

Candidate Starts for Alma_69:

(Start: 55 @42161 has 570 MA's), (84, 41981), (91, 41924), (95, 41906), (117, 41789), (129, 41729), (140, 41654), (143, 41636), (145, 41612), (151, 41555), (157, 41525), (158, 41516), (186, 41390), (189, 41378),

Gene: Alpacados_52 Start: 37987, Stop: 37106, Start Num: 55

Candidate Starts for Alpacados_52:

(Start: 55 @37987 has 570 MA's), (Start: 59 @37960 has 2 MA's), (Start: 72 @37873 has 33 MA's), (79, 37831), (86, 37798), (96, 37726), (108, 37669), (129, 37558), (133, 37537), (134, 37534), (140, 37486), (143, 37468), (145, 37444), (146, 37441), (152, 37378), (157, 37357), (158, 37348), (175, 37285), (189, 37213),

Gene: Alsaber_37 Start: 27958, Stop: 28845, Start Num: 55

Candidate Starts for Alsaber_37:

(27, 27889), (Start: 55 @27958 has 570 MA's), (Start: 72 @28078 has 33 MA's), (80, 28129), (83, 28138), (87, 28171), (92, 28207), (97, 28231), (99, 28246), (127, 28393), (129, 28399), (132, 28414), (137, 28453), (140, 28462), (153, 28582), (164, 28624), (176, 28678), (184, 28714), (185, 28717), (188, 28735), (194, 28762),

Gene: Alsfro_69 Start: 42583, Stop: 41762, Start Num: 53

Candidate Starts for Alsfro_69:

(Start: 53 @42583 has 118 MA's), (Start: 57 @42571 has 99 MA's), (Start: 61 @42526 has 6 MA's), (92, 42340), (95, 42328), (102, 42286), (103, 42274), (129, 42133), (140, 42055), (162, 41905), (173, 41863), (174, 41857), (189, 41782),

Gene: Altman_65 Start: 42221, Stop: 41400, Start Num: 53

Candidate Starts for Altman_65:

(Start: 53 @42221 has 118 MA's), (Start: 57 @42209 has 99 MA's), (92, 41978), (95, 41966), (102, 41924), (103, 41912), (129, 41771), (140, 41693), (162, 41543), (173, 41501), (174, 41495), (189, 41420),

Gene: Alvin_63 Start: 42173, Stop: 41364, Start Num: 57

Candidate Starts for Alvin_63:

(Start: 45 @42212 has 15 MA's), (Start: 57 @42173 has 99 MA's), (92, 41942), (95, 41930), (99, 41903), (102, 41888), (103, 41876), (129, 41735), (140, 41657), (159, 41516), (164, 41498), (189, 41384),

Gene: Alvy_38 Start: 27534, Stop: 28325, Start Num: 67

Candidate Starts for Alvy_38:

(27, 27372), (Start: 55 @27447 has 570 MA's), (Start: 67 @27534 has 12 MA's), (68, 27540), (Start: 72 @27567 has 33 MA's), (Start: 73 @27570 has 2 MA's), (80, 27618), (83, 27627), (87, 27660), (92, 27696), (94, 27705), (97, 27720), (99, 27735), (127, 27882), (132, 27903), (137, 27942), (140, 27951), (164, 28113), (173, 28146), (176, 28167), (185, 28206),

Gene: Amela_36 Start: 28790, Stop: 29680, Start Num: 55

Candidate Starts for Amela_36:

(27, 28721), (Start: 55 @28790 has 570 MA's), (68, 28883), (Start: 72 @28910 has 33 MA's), (80, 28961), (83, 28970), (87, 29003), (92, 29039), (97, 29063), (99, 29078), (127, 29225), (129, 29231), (132, 29246), (137, 29285), (140, 29294), (153, 29414), (164, 29456), (176, 29510), (184, 29546), (185, 29549), (188, 29567), (194, 29594),

Gene: Amethyst_35 Start: 26812, Stop: 27696, Start Num: 55

Candidate Starts for Amethyst_35:

(Start: 55 @26812 has 570 MA's), (Start: 67 @26899 has 12 MA's), (68, 26905), (Start: 72 @26932 has 33 MA's), (80, 26983), (83, 26992), (87, 27025), (92, 27061), (94, 27070), (97, 27085), (99, 27100), (127, 27247), (132, 27268), (137, 27307), (139, 27313), (140, 27316), (164, 27478), (173, 27511), (176, 27532), (185, 27571), (207, 27673),

Gene: Anaysia_77 Start: 42981, Stop: 42151, Start Num: 45

Candidate Starts for Anaysia_77:

(Start: 45 @42981 has 15 MA's), (Start: 61 @42894 has 6 MA's), (68, 42864), (Start: 70 @42843 has 1 MA's), (78, 42798), (81, 42783), (86, 42762), (90, 42717), (91, 42714), (92, 42708), (93, 42705), (110, 42621), (116, 42585), (121, 42564), (129, 42519), (140, 42447), (143, 42429), (151, 42348), (158, 42309), (159, 42306), (189, 42174),

Gene: Andris_35 Start: 26874, Stop: 27752, Start Num: 55

Candidate Starts for Andris_35:

(27, 26799), (31, 26808), (Start: 55 @26874 has 570 MA's), (Start: 67 @26961 has 12 MA's), (68, 26967), (Start: 71 @26991 has 1 MA's), (Start: 72 @26994 has 33 MA's), (80, 27045), (82, 27051), (83, 27054), (87, 27087), (92, 27123), (93, 27126), (97, 27147), (99, 27162), (121, 27270), (127, 27309), (132, 27330), (137, 27369), (140, 27378), (170, 27561), (173, 27573), (176, 27594), (185, 27633),

Gene: Aneem_68 Start: 41499, Stop: 40702, Start Num: 55

Candidate Starts for Aneem_68:

(Start: 55 @41499 has 570 MA's), (Start: 71 @41394 has 1 MA's), (Start: 72 @41391 has 33 MA's), (91, 41268), (116, 41142), (129, 41076), (140, 41001), (143, 40983), (145, 40959), (151, 40902), (158, 40863), (159, 40860), (162, 40851), (171, 40818), (183, 40755), (189, 40728),

Gene: Anglerfish_63 Start: 42393, Stop: 41572, Start Num: 53

Candidate Starts for Anglerfish_63:

(Start: 53 @42393 has 118 MA's), (Start: 57 @42381 has 99 MA's), (92, 42150), (95, 42138), (102, 42096), (103, 42084), (129, 41943), (138, 41871), (140, 41865), (162, 41715), (173, 41673), (174, 41667), (189, 41592),

Gene: AngryOrchard_50 Start: 38120, Stop: 37266, Start Num: 59

Candidate Starts for AngryOrchard_50:

(Start: 55 @38147 has 570 MA's), (Start: 59 @38120 has 2 MA's), (Start: 72 @38033 has 33 MA's), (79, 37991), (86, 37958), (96, 37886), (108, 37829), (129, 37718), (133, 37697), (134, 37694), (140, 37646), (143, 37628), (145, 37604), (146, 37601), (152, 37538), (157, 37517), (158, 37508), (175, 37445), (189, 37373),

Gene: Animus_35 Start: 27307, Stop: 28185, Start Num: 55

Candidate Starts for Animus_35:

(11, 27100), (Start: 55 @27307 has 570 MA's), (Start: 67 @27394 has 12 MA's), (68, 27400), (Start: 71 @27424 has 1 MA's), (Start: 72 @27427 has 33 MA's), (83, 27487), (87, 27520), (92, 27556), (93, 27559), (97, 27580), (99, 27595), (129, 27748), (132, 27763), (137, 27802), (140, 27811), (170, 27994), (176, 28027), (185, 28066), (193, 28108),

Gene: AnnaL29_68 Start: 42890, Stop: 42087, Start Num: 52

Candidate Starts for AnnaL29_68:

(Start: 52 @42890 has 49 MA's), (Start: 62 @42830 has 31 MA's), (78, 42737), (91, 42653), (99, 42608), (117, 42518), (130, 42455), (140, 42383), (143, 42365), (151, 42284), (157, 42254), (158, 42245), (159, 42242), (164, 42224), (189, 42110),

Gene: Annyong_63 Start: 41929, Stop: 41123, Start Num: 55

Candidate Starts for Annyong_63:

(Start: 39 @41974 has 1 MA's), (Start: 55 @41929 has 570 MA's), (Start: 57 @41917 has 99 MA's), (Start: 66 @41851 has 1 MA's), (78, 41776), (90, 41695), (96, 41668), (121, 41545), (128, 41503), (129, 41500), (136, 41437), (139, 41428), (140, 41425), (143, 41407), (148, 41374), (151, 41326), (160, 41281), (162, 41275), (164, 41266), (177, 41203), (189, 41152),

Gene: Anon_75 Start: 42825, Stop: 42028, Start Num: 55

Candidate Starts for Anon_75:

(Start: 45 @42849 has 15 MA's), (Start: 55 @42825 has 570 MA's), (60, 42774), (Start: 70 @42717 has 1 MA's), (Start: 73 @42708 has 2 MA's), (82, 42654), (84, 42645), (91, 42588), (125, 42423), (129, 42396), (130, 42393), (140, 42324), (143, 42306), (145, 42282), (152, 42216), (157, 42195), (158, 42186), (164, 42165), (175, 42123), (189, 42051),

Gene: Anselm_69 Start: 42704, Stop: 41898, Start Num: 52

Candidate Starts for Anselm_69:

(Start: 52 @42704 has 49 MA's), (Start: 62 @42644 has 31 MA's), (Start: 66 @42626 has 1 MA's), (78, 42551), (84, 42524), (91, 42467), (99, 42422), (101, 42413), (130, 42269), (140, 42197), (143, 42179), (145, 42155), (151, 42098), (157, 42068), (158, 42059), (159, 42056), (164, 42038), (189, 41924),

Gene: Anthony_60 Start: 38836, Stop: 38048, Start Num: 57

Candidate Starts for Anthony_60:

(26, 38929), (41, 38890), (Start: 55 @38848 has 570 MA's), (Start: 57 @38836 has 99 MA's), (Start: 62 @38788 has 31 MA's), (Start: 65 @38776 has 2 MA's), (84, 38668), (86, 38659), (90, 38614), (91, 38611), (96, 38587), (105, 38542), (114, 38503), (121, 38467), (128, 38425), (129, 38422), (130, 38419), (139, 38350), (140, 38347), (143, 38329), (146, 38302), (152, 38239), (159, 38206), (162, 38197), (189, 38074),

Gene: Anubis_72 Start: 41890, Stop: 41081, Start Num: 55

Candidate Starts for Anubis_72:

(Start: 55 @41890 has 570 MA's), (58, 41869), (Start: 65 @41818 has 2 MA's), (96, 41629), (99, 41608), (121, 41506), (122, 41503), (128, 41464), (131, 41449), (140, 41389), (143, 41371), (145, 41347), (157, 41260), (158, 41251), (175, 41188), (189, 41116),

Gene: AppleCloud_50 Start: 37812, Stop: 36931, Start Num: 55

Candidate Starts for AppleCloud_50:

(Start: 55 @37812 has 570 MA's), (Start: 59 @37785 has 2 MA's), (Start: 72 @37698 has 33 MA's), (79, 37656), (86, 37623), (96, 37551), (108, 37494), (129, 37383), (133, 37362), (134, 37359), (140, 37311), (143, 37293), (145, 37269), (146, 37266), (152, 37203), (158, 37173), (175, 37110), (189, 37038),

Gene: Applejack_63 Start: 40791, Stop: 39970, Start Num: 53

Candidate Starts for Applejack_63:

(Start: 53 @40791 has 118 MA's), (Start: 57 @40779 has 99 MA's), (92, 40548), (95, 40536), (102, 40494), (103, 40482), (129, 40341), (140, 40263), (173, 40071), (189, 39990),

Gene: Aquarius_33 Start: 22214, Stop: 21261, Start Num: 55

Candidate Starts for Aquarius_33:

(Start: 55 @22214 has 570 MA's), (68, 22118), (Start: 72 @22091 has 33 MA's), (79, 22049), (82, 22034), (87, 21998), (120, 21824), (123, 21806), (125, 21800), (132, 21758), (140, 21710), (143, 21692), (166, 21551), (178, 21491), (206, 21377), (212, 21269),

Gene: Aragog_64 Start: 41347, Stop: 40541, Start Num: 55

Candidate Starts for Aragog_64:

(Start: 55 @41347 has 570 MA's), (Start: 62 @41287 has 31 MA's), (Start: 65 @41275 has 2 MA's), (84, 41167), (91, 41110), (95, 41092), (96, 41086), (111, 41011), (112, 41008), (139, 40840), (140, 40837), (143, 40819), (145, 40795), (149, 40777), (157, 40708), (158, 40699), (159, 40696), (175, 40636), (189, 40564),

Gene: Arcanine_65 Start: 43117, Stop: 42296, Start Num: 53

Candidate Starts for Arcanine_65:

(Start: 53 @43117 has 118 MA's), (Start: 57 @43105 has 99 MA's), (92, 42874), (95, 42862), (102, 42820), (103, 42808), (129, 42667), (138, 42595), (140, 42589), (162, 42439), (173, 42397), (174, 42391), (189, 42316),

Gene: ArcherNM_62 Start: 42179, Stop: 41373, Start Num: 51

Candidate Starts for ArcherNM_62:

(Start: 51 @42179 has 57 MA's), (78, 42026), (84, 41999), (91, 41942), (105, 41870), (117, 41807), (129, 41747), (140, 41672), (143, 41654), (145, 41630), (151, 41573), (157, 41543), (158, 41534), (164, 41513), (189, 41399),

Gene: Archetta_62 Start: 41336, Stop: 40530, Start Num: 55

Candidate Starts for Archetta_62:

(Start: 55 @41336 has 570 MA's), (Start: 62 @41276 has 31 MA's), (Start: 65 @41264 has 2 MA's), (91, 41099), (95, 41081), (96, 41075), (111, 41000), (112, 40997), (129, 40904), (139, 40829), (140, 40826), (143, 40808), (149, 40766), (157, 40697), (158, 40688), (159, 40685), (175, 40625), (189, 40553),

Gene: Arissanae_68 Start: 42427, Stop: 41615, Start Num: 55

Candidate Starts for Arissanae_68:

(Start: 55 @42427 has 570 MA's), (84, 42247), (91, 42190), (95, 42172), (117, 42055), (122, 42037), (129, 41995), (140, 41920), (143, 41902), (145, 41878), (151, 41821), (157, 41791), (158, 41782), (189, 41644),

Gene: Arlo_61 Start: 41702, Stop: 40881, Start Num: 53

Candidate Starts for Arlo_61:

(Start: 53 @41702 has 118 MA's), (Start: 57 @41690 has 99 MA's), (92, 41459), (95, 41447), (102, 41405), (103, 41393), (129, 41252), (140, 41174), (162, 41024), (189, 40901),

Gene: Artemis2UCLA_71 Start: 41077, Stop: 40271, Start Num: 55

Candidate Starts for Artemis2UCLA_71:

(Start: 55 @41077 has 570 MA's), (Start: 62 @41017 has 31 MA's), (91, 40840), (99, 40795), (108, 40756), (129, 40645), (140, 40570), (143, 40552), (145, 40528), (157, 40441), (158, 40432), (159, 40429), (189, 40297),

Gene: Arturo_62 Start: 42011, Stop: 41205, Start Num: 55

Candidate Starts for Arturo_62:

(Start: 55 @42011 has 570 MA's), (Start: 57 @41999 has 99 MA's), (Start: 66 @41933 has 1 MA's), (78, 41858), (90, 41777), (96, 41750), (121, 41627), (129, 41582), (136, 41519), (139, 41510), (140, 41507), (143, 41489), (160, 41363), (162, 41357), (164, 41348), (177, 41285), (189, 41234),

Gene: Ashballer_66 Start: 42864, Stop: 42043, Start Num: 53

Candidate Starts for Ashballer_66:

(Start: 53 @42864 has 118 MA's), (Start: 57 @42852 has 99 MA's), (92, 42621), (95, 42609), (99, 42582), (102, 42567), (103, 42555), (129, 42414), (140, 42336), (162, 42186), (173, 42144), (175, 42135), (189, 42063),

Gene: Asten_35 Start: 26471, Stop: 27346, Start Num: 55

Candidate Starts for Asten_35:

(8, 26231), (11, 26279), (27, 26396), (Start: 55 @26471 has 570 MA's), (Start: 72 @26591 has 33 MA's), (83, 26651), (87, 26684), (92, 26720), (97, 26744), (99, 26759), (119, 26855), (127, 26906), (129, 26912), (132, 26927), (137, 26966), (139, 26972), (140, 26975), (145, 27017), (161, 27125), (175, 27179), (176, 27191), (188, 27248), (207, 27329), (208, 27332),

Gene: Astro_77 Start: 43386, Stop: 42586, Start Num: 55

Candidate Starts for Astro_77:

(34, 43443), (42, 43425), (48, 43401), (Start: 55 @43386 has 570 MA's), (Start: 62 @43326 has 31 MA's), (Start: 72 @43272 has 33 MA's), (81, 43218), (96, 43125), (107, 43068), (112, 43047), (127, 42960), (129, 42954), (139, 42885), (140, 42882), (143, 42864), (149, 42822), (151, 42783), (158, 42744), (159, 42741), (162, 42732), (173, 42690), (175, 42681), (181, 42645), (189, 42609), (191, 42600),

Gene: Atkinbua_66 Start: 42086, Stop: 41265, Start Num: 53

Candidate Starts for Atkinbua_66:

(Start: 53 @42086 has 118 MA's), (Start: 57 @42074 has 99 MA's), (92, 41843), (95, 41831), (102, 41789), (103, 41777), (129, 41636), (140, 41558), (162, 41408), (173, 41366), (175, 41357), (189,

41285),

Gene: Attacne_33 Start: 22229, Stop: 21276, Start Num: 55

Candidate Starts for Attacne_33:

(Start: 55 @22229 has 570 MA's), (68, 22133), (Start: 70 @22112 has 1 MA's), (Start: 71 @22109 has 1 MA's), (Start: 72 @22106 has 33 MA's), (79, 22064), (82, 22049), (87, 22013), (120, 21839), (123, 21821), (125, 21815), (132, 21773), (140, 21725), (143, 21707), (178, 21506), (179, 21503), (206, 21392), (212, 21284),

Gene: AugsMagnumOpus_72 Start: 41995, Stop: 41186, Start Num: 55

Candidate Starts for AugsMagnumOpus_72:

(Start: 55 @41995 has 570 MA's), (58, 41974), (Start: 65 @41923 has 2 MA's), (96, 41734), (99, 41713), (121, 41611), (122, 41608), (128, 41569), (131, 41554), (140, 41494), (143, 41476), (145, 41452), (157, 41365), (158, 41356), (175, 41293), (189, 41221),

Gene: AvatarAhPeg_63 Start: 42021, Stop: 41218, Start Num: 55

Candidate Starts for AvatarAhPeg_63:

(Start: 55 @42021 has 570 MA's), (Start: 57 @42009 has 99 MA's), (Start: 62 @41961 has 31 MA's), (Start: 66 @41943 has 1 MA's), (78, 41868), (90, 41787), (96, 41760), (121, 41637), (129, 41592), (136, 41529), (139, 41520), (140, 41517), (143, 41499), (145, 41475), (157, 41388), (160, 41373), (162, 41367), (164, 41358), (177, 41295), (189, 41244),

Gene: Avle17_64 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for Avle17_64:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Axiom_36 Start: 27035, Stop: 27916, Start Num: 55

Candidate Starts for Axiom_36:

(Start: 55 @27035 has 570 MA's), (Start: 67 @27122 has 12 MA's), (68, 27128), (Start: 71 @27152 has 1 MA's), (Start: 72 @27155 has 33 MA's), (83, 27215), (87, 27248), (92, 27284), (93, 27287), (97, 27308), (99, 27323), (132, 27491), (137, 27530), (140, 27539), (170, 27722), (176, 27755), (185, 27794), (201, 27860),

Gene: Ayanochan_69 Start: 41944, Stop: 41135, Start Num: 55

Candidate Starts for Ayanochan_69:

(Start: 55 @41944 has 570 MA's), (84, 41764), (91, 41707), (95, 41689), (117, 41572), (129, 41512), (140, 41437), (143, 41419), (145, 41395), (151, 41338), (157, 41308), (158, 41299), (186, 41173), (189, 41161),

Gene: B1_58 Start: 39902, Stop: 39105, Start Num: 55

Candidate Starts for B1_58:

(Start: 55 @39902 has 570 MA's), (Start: 62 @39842 has 31 MA's), (78, 39749), (90, 39668), (96, 39641), (121, 39518), (128, 39476), (129, 39473), (140, 39401), (143, 39383), (157, 39272), (159, 39260), (169, 39224), (175, 39200), (177, 39179), (189, 39128),

Gene: BABullseye_63 Start: 38735, Stop: 37929, Start Num: 55

Candidate Starts for BABullseye_63:

(38, 38786), (41, 38777), (Start: 55 @38735 has 570 MA's), (91, 38498), (129, 38303), (140, 38228), (143, 38210), (145, 38186), (157, 38099), (158, 38090), (159, 38087), (185, 37976), (189, 37955),

Gene: BK1_55 Start: 39731, Stop: 38910, Start Num: 53

Candidate Starts for BK1_55:

(Start: 53 @39731 has 118 MA's), (Start: 57 @39719 has 99 MA's), (92, 39488), (95, 39476), (102, 39434), (103, 39422), (129, 39281), (140, 39203), (162, 39053), (173, 39011), (174, 39005), (189, 38930),

Gene: BPBiebs31_65 Start: 42644, Stop: 41823, Start Num: 53

Candidate Starts for BPBiebs31_65:

(Start: 53 @42644 has 118 MA's), (92, 42401), (95, 42389), (102, 42347), (103, 42335), (129, 42194), (140, 42116), (151, 42017), (162, 41966), (189, 41843),

Gene: Baby16_64 Start: 41895, Stop: 41089, Start Num: 55

Candidate Starts for Baby16_64:

(Start: 39 @41940 has 1 MA's), (Start: 55 @41895 has 570 MA's), (Start: 57 @41883 has 99 MA's), (Start: 66 @41817 has 1 MA's), (78, 41742), (90, 41661), (96, 41634), (121, 41511), (128, 41469), (129, 41466), (136, 41403), (139, 41394), (140, 41391), (143, 41373), (151, 41292), (160, 41247), (162, 41241), (164, 41232), (177, 41169), (189, 41118),

Gene: BabyBack_65 Start: 42707, Stop: 41904, Start Num: 51

Candidate Starts for BabyBack_65:

(Start: 51 @42707 has 57 MA's), (91, 42470), (117, 42338), (129, 42278), (140, 42203), (143, 42185), (145, 42161), (151, 42104), (157, 42074), (158, 42065), (164, 42044), (184, 41954), (189, 41930),

Gene: BabyJohn_61 Start: 41729, Stop: 40932, Start Num: 55

Candidate Starts for BabyJohn_61:

(Start: 55 @41729 has 570 MA's), (Start: 62 @41669 has 31 MA's), (78, 41576), (90, 41495), (96, 41468), (121, 41345), (128, 41303), (129, 41300), (140, 41228), (143, 41210), (159, 41087), (169, 41051), (175, 41027), (177, 41006), (181, 40991), (189, 40955),

Gene: BabyRay_66 Start: 41707, Stop: 40910, Start Num: 55

Candidate Starts for BabyRay_66:

(Start: 55 @41707 has 570 MA's), (Start: 62 @41647 has 31 MA's), (78, 41554), (90, 41473), (96, 41446), (121, 41323), (128, 41281), (129, 41278), (140, 41206), (143, 41188), (159, 41065), (164, 41047), (175, 41005), (177, 40984), (181, 40969), (189, 40933),

Gene: Bachome_69 Start: 41495, Stop: 40698, Start Num: 55

Candidate Starts for Bachome_69:

(Start: 55 @41495 has 570 MA's), (Start: 71 @41390 has 1 MA's), (Start: 72 @41387 has 33 MA's), (91, 41264), (108, 41183), (116, 41138), (129, 41072), (140, 40997), (143, 40979), (145, 40955), (151, 40898), (158, 40859), (159, 40856), (171, 40814), (183, 40751), (189, 40724),

Gene: Backyardigan_61 Start: 42163, Stop: 41363, Start Num: 55

Candidate Starts for Backyardigan_61:

(Start: 55 @42163 has 570 MA's), (Start: 57 @42151 has 99 MA's), (Start: 62 @42103 has 31 MA's), (Start: 66 @42085 has 1 MA's), (78, 42010), (90, 41929), (91, 41926), (96, 41902), (121, 41779), (129, 41734), (136, 41671), (139, 41662), (140, 41659), (143, 41641), (148, 41608), (160, 41515), (162, 41509), (164, 41500), (177, 41437), (189, 41386),

Gene: BaconJack_67 Start: 44834, Stop: 44013, Start Num: 53

Candidate Starts for BaconJack_67:

(Start: 53 @44834 has 118 MA's), (Start: 57 @44822 has 99 MA's), (92, 44591), (95, 44579), (99, 44552), (102, 44537), (103, 44525), (129, 44384), (140, 44306), (162, 44156), (173, 44114), (175, 44105), (189, 44033),

Gene: Bactobuster_64 Start: 43056, Stop: 42253, Start Num: 52

Candidate Starts for Bactobuster_64:

(Start: 52 @43056 has 49 MA's), (Start: 62 @42996 has 31 MA's), (79, 42900), (91, 42819), (117, 42687), (121, 42672), (129, 42627), (140, 42552), (143, 42534), (145, 42510), (151, 42453), (157, 42423), (158, 42414), (164, 42393), (189, 42279),

Gene: Badger_62 Start: 42131, Stop: 41331, Start Num: 55

Candidate Starts for Badger_62:

(Start: 55 @42131 has 570 MA's), (Start: 57 @42119 has 99 MA's), (Start: 62 @42071 has 31 MA's), (Start: 66 @42053 has 1 MA's), (78, 41978), (90, 41897), (91, 41894), (96, 41870), (121, 41747), (129, 41702), (136, 41639), (139, 41630), (140, 41627), (143, 41609), (148, 41576), (160, 41483), (162, 41477), (164, 41468), (177, 41405), (189, 41354),

Gene: Baehexic_67 Start: 42424, Stop: 41618, Start Num: 51

Candidate Starts for Baehexic_67:

(Start: 51 @42424 has 57 MA's), (Start: 62 @42364 has 31 MA's), (91, 42187), (129, 41992), (140, 41917), (143, 41899), (145, 41875), (151, 41818), (157, 41788), (158, 41779), (164, 41758), (189, 41644),

Gene: BangNhom_63 Start: 42296, Stop: 41490, Start Num: 55

Candidate Starts for BangNhom_63:

(Start: 39 @42341 has 1 MA's), (Start: 55 @42296 has 570 MA's), (Start: 57 @42284 has 99 MA's), (Start: 66 @42218 has 1 MA's), (78, 42143), (90, 42062), (96, 42035), (121, 41912), (128, 41870), (129, 41867), (136, 41804), (139, 41795), (140, 41792), (143, 41774), (151, 41693), (160, 41648), (162, 41642), (164, 41633), (177, 41570), (189, 41519),

Gene: Barriga_66 Start: 41029, Stop: 40220, Start Num: 57

Candidate Starts for Barriga_66:

(Start: 45 @41068 has 15 MA's), (Start: 57 @41029 has 99 MA's), (92, 40798), (95, 40786), (102, 40744), (103, 40732), (129, 40591), (140, 40513), (162, 40363), (173, 40321), (174, 40315), (189, 40240),

Gene: BarrowTuph_64 Start: 41896, Stop: 41075, Start Num: 53

Candidate Starts for BarrowTuph_64:

(Start: 53 @41896 has 118 MA's), (Start: 57 @41884 has 99 MA's), (92, 41653), (95, 41641), (102, 41599), (103, 41587), (129, 41446), (140, 41368), (162, 41218), (173, 41176), (174, 41170), (189, 41095),

Gene: BarryBee_38 Start: 26601, Stop: 27356, Start Num: 72

Candidate Starts for BarryBee_38:

(8, 26241), (11, 26289), (27, 26406), (Start: 55 @26481 has 570 MA's), (Start: 72 @26601 has 33 MA's), (83, 26661), (86, 26676), (87, 26694), (92, 26730), (97, 26754), (99, 26769), (119, 26865), (127, 26916), (129, 26922), (132, 26937), (137, 26976), (139, 26982), (140, 26985), (145, 27027), (175, 27189), (176, 27201), (188, 27258), (207, 27339), (208, 27342),

Gene: BartholomewSD_38 Start: 27447, Stop: 28325, Start Num: 55

Candidate Starts for BartholomewSD_38:

(27, 27372), (Start: 55 @27447 has 570 MA's), (Start: 67 @27534 has 12 MA's), (Start: 72 @27567 has 33 MA's), (Start: 73 @27570 has 2 MA's), (80, 27618), (83, 27627), (87, 27660), (92, 27696), (94, 27705), (97, 27720), (99, 27735), (127, 27882), (132, 27903), (137, 27942), (140, 27951), (164, 28113), (173, 28146), (176, 28167), (185, 28206), (207, 28302),

Gene: Bartimeaus_64 Start: 41886, Stop: 41080, Start Num: 55

Candidate Starts for Bartimeaus_64:

(Start: 39 @41931 has 1 MA's), (Start: 55 @41886 has 570 MA's), (Start: 57 @41874 has 99 MA's), (Start: 66 @41808 has 1 MA's), (78, 41733), (90, 41652), (96, 41625), (121, 41502), (128, 41460), (129, 41457), (136, 41394), (139, 41385), (140, 41382), (143, 41364), (151, 41283), (160, 41238), (162, 41232), (164, 41223), (177, 41160), (189, 41109),

Gene: Battleship_79 Start: 42854, Stop: 42024, Start Num: 45

Candidate Starts for Battleship_79:

(Start: 45 @42854 has 15 MA's), (Start: 61 @42767 has 6 MA's), (68, 42737), (Start: 70 @42716 has 1 MA's), (78, 42671), (81, 42656), (86, 42635), (90, 42590), (91, 42587), (92, 42581), (93, 42578), (110, 42494), (116, 42458), (121, 42437), (129, 42392), (140, 42320), (143, 42302), (151, 42221), (158, 42182), (159, 42179), (189, 42047),

Gene: BeardedLady_36 Start: 26483, Stop: 27238, Start Num: 72

Candidate Starts for BeardedLady_36:

(4, 25988), (31, 26297), (Start: 55 @26363 has 570 MA's), (Start: 72 @26483 has 33 MA's), (83, 26543), (87, 26576), (92, 26612), (97, 26636), (99, 26651), (119, 26747), (127, 26798), (129, 26804), (132, 26819), (137, 26858), (140, 26867), (153, 26987), (175, 27071), (176, 27083), (188, 27140), (207, 27221), (208, 27224),

Gene: Beatrix_62 Start: 42954, Stop: 42133, Start Num: 53

Candidate Starts for Beatrix_62:

(Start: 53 @42954 has 118 MA's), (Start: 57 @42942 has 99 MA's), (92, 42711), (95, 42699), (102, 42657), (103, 42645), (129, 42504), (140, 42426), (159, 42285), (162, 42276), (173, 42234), (174, 42228), (189, 42153),

Gene: Beauxregard13_68 Start: 42007, Stop: 41198, Start Num: 55

Candidate Starts for Beauxregard13_68:

(Start: 55 @42007 has 570 MA's), (58, 41986), (Start: 65 @41935 has 2 MA's), (96, 41746), (99, 41725), (121, 41623), (122, 41620), (128, 41581), (131, 41566), (140, 41506), (143, 41488), (145, 41464), (157, 41377), (158, 41368), (175, 41305), (189, 41233),

Gene: Beemo_71 Start: 42199, Stop: 41390, Start Num: 55

Candidate Starts for Beemo_71:

(Start: 55 @42199 has 570 MA's), (84, 42019), (89, 41974), (91, 41962), (95, 41944), (117, 41827), (129, 41767), (140, 41692), (143, 41674), (145, 41650), (151, 41593), (157, 41563), (158, 41554), (186, 41428), (189, 41416),

Gene: BeesKnees_66 Start: 41580, Stop: 40771, Start Num: 57

Candidate Starts for BeesKnees_66:

(Start: 45 @41619 has 15 MA's), (Start: 57 @41580 has 99 MA's), (92, 41349), (95, 41337), (99, 41310), (102, 41295), (103, 41283), (129, 41142), (140, 41064), (162, 40914), (173, 40872), (175, 40863), (189, 40791),

Gene: Belenaria_53 Start: 37960, Stop: 37079, Start Num: 55

Candidate Starts for Belenaria_53:

(Start: 55 @37960 has 570 MA's), (Start: 59 @37933 has 2 MA's), (Start: 72 @37846 has 33 MA's), (79, 37804), (86, 37771), (96, 37699), (108, 37642), (129, 37531), (133, 37510), (134, 37507), (140, 37459), (143, 37441), (145, 37417), (146, 37414), (152, 37351), (158, 37321), (175, 37258), (189, 37186),

Gene: Bellris_68 Start: 41869, Stop: 41057, Start Num: 55

Candidate Starts for Bellris_68:

(Start: 55 @41869 has 570 MA's), (84, 41689), (91, 41632), (92, 41626), (95, 41614), (117, 41497), (140, 41362), (143, 41344), (145, 41320), (151, 41263), (157, 41233), (158, 41224), (186, 41098), (189, 41086),

Gene: BellusTerra_65 Start: 41897, Stop: 41091, Start Num: 55

Candidate Starts for BellusTerra_65:

(Start: 55 @41897 has 570 MA's), (Start: 57 @41885 has 99 MA's), (Start: 66 @41819 has 1 MA's), (78, 41744), (90, 41663), (96, 41636), (121, 41513), (128, 41471), (129, 41468), (136, 41405), (139, 41396), (140, 41393), (143, 41375), (148, 41342), (151, 41294), (160, 41249), (162, 41243), (164, 41234), (177, 41171), (189, 41120),

Gene: Benedict_67 Start: 41715, Stop: 40909, Start Num: 55

Candidate Starts for Benedict_67:

(Start: 55 @41715 has 570 MA's), (60, 41664), (Start: 62 @41655 has 31 MA's), (91, 41478), (95, 41460), (96, 41454), (111, 41379), (112, 41376), (129, 41283), (139, 41208), (140, 41205), (143, 41187), (145, 41163), (149, 41145), (157, 41076), (158, 41067), (159, 41064), (175, 41004), (181, 40968), (189, 40932), (191, 40923), (192, 40914),

Gene: BengiVuitton_68 Start: 42675, Stop: 41869, Start Num: 52

Candidate Starts for BengiVuitton_68:

(Start: 52 @42675 has 49 MA's), (Start: 62 @42615 has 31 MA's), (Start: 66 @42597 has 1 MA's), (78, 42522), (81, 42507), (91, 42438), (99, 42393), (101, 42384), (129, 42243), (140, 42168), (143, 42150), (145, 42126), (151, 42069), (157, 42039), (158, 42030), (164, 42009), (175, 41967), (189, 41895),

Gene: BennyP_70 Start: 41087, Stop: 40341, Start Num: 62

Candidate Starts for BennyP_70:

(Start: 62 @41087 has 31 MA's), (91, 40910), (99, 40865), (108, 40826), (129, 40715), (140, 40640), (143, 40622), (145, 40598), (157, 40511), (158, 40502), (159, 40499), (189, 40367),

Gene: Benvolio_65 Start: 41956, Stop: 41150, Start Num: 52

Candidate Starts for Benvolio_65:

(Start: 52 @41956 has 49 MA's), (Start: 62 @41896 has 31 MA's), (Start: 66 @41878 has 1 MA's), (78, 41803), (84, 41776), (91, 41719), (99, 41674), (101, 41665), (130, 41521), (140, 41449), (143, 41431), (145, 41407), (151, 41350), (157, 41320), (158, 41311), (159, 41308), (164, 41290), (189, 41176),

Gene: Bethlehem_62 Start: 43320, Stop: 42499, Start Num: 53

Candidate Starts for Bethlehem_62:

(Start: 53 @43320 has 118 MA's), (92, 43077), (95, 43065), (102, 43023), (103, 43011), (129, 42870), (140, 42792), (162, 42642), (182, 42552), (189, 42519),

Gene: Bexan_60 Start: 42733, Stop: 41912, Start Num: 53

Candidate Starts for Bexan_60:

(Start: 53 @42733 has 118 MA's), (Start: 57 @42721 has 99 MA's), (92, 42490), (95, 42478), (102, 42436), (103, 42424), (129, 42283), (140, 42205), (159, 42064), (162, 42055), (173, 42013), (174, 42007), (189, 41932),

Gene: BiancaTri92_68 Start: 42791, Stop: 41988, Start Num: 52

Candidate Starts for BiancaTri92_68:

(37, 42839), (Start: 52 @42791 has 49 MA's), (78, 42638), (91, 42554), (117, 42419), (121, 42404), (127, 42365), (129, 42359), (140, 42284), (143, 42266), (145, 42242), (151, 42185), (157, 42155), (158, 42146), (164, 42125), (189, 42011),

Gene: Big3_64 Start: 43360, Stop: 42551, Start Num: 57

Candidate Starts for Big3_64:

(Start: 45 @43399 has 15 MA's), (Start: 57 @43360 has 99 MA's), (92, 43129), (95, 43117), (99, 43090), (102, 43075), (103, 43063), (129, 42922), (140, 42844), (162, 42694), (173, 42652), (174, 42646), (189, 42571),

Gene: BigMau_65 Start: 42622, Stop: 41801, Start Num: 53

Candidate Starts for BigMau_65:

(Start: 53 @42622 has 118 MA's), (Start: 57 @42610 has 99 MA's), (92, 42379), (95, 42367), (102, 42325), (103, 42313), (129, 42172), (140, 42094), (162, 41944), (189, 41821),

Gene: BigPaolini_60 Start: 40017, Stop: 39208, Start Num: 57

Candidate Starts for BigPaolini_60:

(Start: 45 @40056 has 15 MA's), (Start: 57 @40017 has 99 MA's), (92, 39786), (95, 39774), (102, 39732), (103, 39720), (129, 39579), (140, 39501), (162, 39351), (175, 39300), (189, 39228),

Gene: Bigchungi_62 Start: 41809, Stop: 41000, Start Num: 57

Candidate Starts for Bigchungi_62:

(Start: 45 @41848 has 15 MA's), (Start: 57 @41809 has 99 MA's), (92, 41578), (95, 41566), (102, 41524), (103, 41512), (129, 41371), (140, 41293), (162, 41143), (189, 41020),

Gene: Bigflo_68 Start: 42003, Stop: 41194, Start Num: 55

Candidate Starts for Bigflo_68:

(Start: 55 @42003 has 570 MA's), (58, 41982), (Start: 65 @41931 has 2 MA's), (96, 41742), (99, 41721), (121, 41619), (122, 41616), (128, 41577), (131, 41562), (140, 41502), (143, 41484), (145, 41460), (157, 41373), (158, 41364), (175, 41301), (189, 41229),

Gene: Bigfoot_55 Start: 40975, Stop: 40154, Start Num: 53

Candidate Starts for Bigfoot_55:

(Start: 53 @40975 has 118 MA's), (Start: 57 @40963 has 99 MA's), (92, 40732), (95, 40720), (99, 40693), (102, 40678), (103, 40666), (129, 40525), (140, 40447), (162, 40297), (173, 40255), (175, 40246), (189, 40174),

Gene: BillKnuckles_60 Start: 43253, Stop: 42432, Start Num: 53

Candidate Starts for BillKnuckles_60:

(Start: 53 @43253 has 118 MA's), (Start: 57 @43241 has 99 MA's), (92, 43010), (95, 42998), (103, 42944), (129, 42803), (140, 42725), (159, 42584), (164, 42566), (189, 42452),

Gene: Bimmel_33 Start: 21038, Stop: 20205, Start Num: 53

Candidate Starts for Bimmel_33:

(Start: 53 @21038 has 118 MA's), (68, 20951), (Start: 73 @20921 has 2 MA's), (81, 20870), (92, 20795), (99, 20756), (122, 20648), (129, 20606), (130, 20603), (136, 20540), (139, 20531), (141, 20519), (143, 20510), (145, 20486), (149, 20468), (150, 20444), (155, 20408), (167, 20357), (173, 20336), (175, 20327), (190, 20249),

Gene: Bircsak_63 Start: 43979, Stop: 43158, Start Num: 53

Candidate Starts for Bircsak_63:

(Start: 53 @43979 has 118 MA's), (Start: 57 @43967 has 99 MA's), (92, 43736), (95, 43724), (102, 43682), (103, 43670), (129, 43529), (140, 43451), (162, 43301), (189, 43178),

Gene: Blackflame_59 Start: 41556, Stop: 40747, Start Num: 57

Candidate Starts for Blackflame_59:

(Start: 45 @41595 has 15 MA's), (Start: 57 @41556 has 99 MA's), (92, 41325), (95, 41313), (102, 41271), (103, 41259), (104, 41256), (129, 41118), (140, 41040), (162, 40890), (173, 40848), (175, 40839), (189, 40767),

Gene: Blackmoor_63 Start: 41886, Stop: 41080, Start Num: 55

Candidate Starts for Blackmoor_63:

(Start: 39 @41931 has 1 MA's), (Start: 55 @41886 has 570 MA's), (Start: 57 @41874 has 99 MA's), (Start: 66 @41808 has 1 MA's), (78, 41733), (90, 41652), (96, 41625), (121, 41502), (128, 41460), (129, 41457), (136, 41394), (139, 41385), (140, 41382), (143, 41364), (151, 41283), (160, 41238), (162, 41232), (164, 41223), (177, 41160), (189, 41109),

Gene: BlessJoy_71 Start: 41443, Stop: 40697, Start Num: 62

Candidate Starts for BlessJoy_71:

(Start: 62 @41443 has 31 MA's), (91, 41266), (99, 41221), (108, 41182), (129, 41071), (140, 40996), (143, 40978), (145, 40954), (157, 40867), (158, 40858), (159, 40855), (189, 40723),

Gene: Blesser_59 Start: 41003, Stop: 40182, Start Num: 53

Candidate Starts for Blesser_59:

(Start: 53 @41003 has 118 MA's), (Start: 57 @40991 has 99 MA's), (92, 40760), (95, 40748), (102, 40706), (103, 40694), (129, 40553), (140, 40475), (162, 40325), (173, 40283), (174, 40277), (189, 40202),

Gene: Blinn1_73 Start: 41224, Stop: 40418, Start Num: 55

Candidate Starts for Blinn1_73:

(Start: 55 @41224 has 570 MA's), (Start: 62 @41164 has 31 MA's), (Start: 73 @41107 has 2 MA's), (84, 41044), (91, 40987), (121, 40837), (129, 40792), (140, 40717), (143, 40699), (145, 40675), (157, 40588), (158, 40579), (159, 40576), (185, 40465), (189, 40444),

Gene: BluSpix_61 Start: 37834, Stop: 37013, Start Num: 53

Candidate Starts for BluSpix_61:

(Start: 53 @37834 has 118 MA's), (Start: 57 @37822 has 99 MA's), (Start: 61 @37777 has 6 MA's), (92, 37591), (95, 37579), (102, 37537), (103, 37525), (129, 37384), (140, 37306), (162, 37156), (173, 37114), (174, 37108), (189, 37033),

Gene: Blue_62 Start: 42675, Stop: 41854, Start Num: 53

Candidate Starts for Blue_62:

(Start: 53 @42675 has 118 MA's), (Start: 57 @42663 has 99 MA's), (92, 42432), (95, 42420), (99, 42393), (102, 42378), (103, 42366), (129, 42225), (140, 42147), (162, 41997), (173, 41955), (174, 41949), (189, 41874),

Gene: Blue7_72 Start: 41141, Stop: 40395, Start Num: 62

Candidate Starts for Blue7_72:

(Start: 62 @41141 has 31 MA's), (91, 40964), (99, 40919), (108, 40880), (129, 40769), (140, 40694), (143, 40676), (145, 40652), (157, 40565), (158, 40556), (159, 40553), (189, 40421),

Gene: BlueBird_68 Start: 41754, Stop: 40957, Start Num: 55

Candidate Starts for BlueBird_68:

(Start: 55 @41754 has 570 MA's), (Start: 62 @41694 has 31 MA's), (78, 41601), (90, 41520), (96, 41493), (121, 41370), (128, 41328), (129, 41325), (140, 41253), (143, 41235), (157, 41124), (159, 41112), (169, 41076), (175, 41052), (177, 41031), (181, 41016), (183, 41007), (189, 40980),

Gene: Bluefalcon_60 Start: 41356, Stop: 40550, Start Num: 55

Candidate Starts for Bluefalcon_60:

(Start: 55 @41356 has 570 MA's), (Start: 62 @41296 has 31 MA's), (Start: 65 @41284 has 2 MA's), (91, 41119), (95, 41101), (96, 41095), (111, 41020), (112, 41017), (129, 40924), (139, 40849), (140, 40846), (143, 40828), (149, 40786), (157, 40717), (158, 40708), (159, 40705), (175, 40645), (189, 40573),

Gene: Bob3_64 Start: 41895, Stop: 41074, Start Num: 53

Candidate Starts for Bob3_64:

(Start: 53 @41895 has 118 MA's), (Start: 57 @41883 has 99 MA's), (92, 41652), (95, 41640), (102, 41598), (103, 41586), (129, 41445), (140, 41367), (162, 41217), (189, 41094),

Gene: BobSwaget_62 Start: 40743, Stop: 39937, Start Num: 51

Candidate Starts for BobSwaget_62:

(Start: 51 @40743 has 57 MA's), (78, 40590), (84, 40563), (91, 40506), (117, 40371), (129, 40311), (140, 40236), (143, 40218), (145, 40194), (157, 40107), (158, 40098), (164, 40077), (189, 39963),

Gene: BobbyDazzler_53 Start: 38064, Stop: 37183, Start Num: 55

Candidate Starts for BobbyDazzler_53:

(Start: 55 @38064 has 570 MA's), (Start: 59 @38037 has 2 MA's), (Start: 72 @37950 has 33 MA's), (79, 37908), (86, 37875), (96, 37803), (108, 37746), (129, 37635), (133, 37614), (134, 37611), (140, 37563), (143, 37545), (145, 37521), (146, 37518), (152, 37455), (158, 37425), (175, 37362), (189, 37290),

Gene: BogosyJay_71 Start: 42409, Stop: 41600, Start Num: 55

Candidate Starts for BogosyJay_71:

(Start: 55 @42409 has 570 MA's), (84, 42229), (91, 42172), (95, 42154), (101, 42118), (117, 42037), (121, 42022), (128, 41980), (129, 41977), (140, 41902), (143, 41884), (145, 41860), (151, 41803), (157, 41773), (158, 41764), (186, 41638), (189, 41626),

Gene: Bombshell_64 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for Bombshell_64:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Bonamassa_62 Start: 41169, Stop: 40363, Start Num: 55

Candidate Starts for Bonamassa_62:

(28, 41244), (40, 41211), (Start: 55 @41169 has 570 MA's), (Start: 62 @41109 has 31 MA's), (86, 40980), (91, 40932), (95, 40914), (96, 40908), (111, 40833), (112, 40830), (139, 40662), (140, 40659), (143, 40641), (145, 40617), (149, 40599), (157, 40530), (158, 40521), (159, 40518), (175, 40458), (189, 40386),

Gene: Bonanza_54 Start: 38369, Stop: 37488, Start Num: 55

Candidate Starts for Bonanza_54:

(Start: 55 @38369 has 570 MA's), (Start: 59 @38342 has 2 MA's), (Start: 72 @38255 has 33 MA's), (79, 38213), (86, 38180), (96, 38108), (108, 38051), (129, 37940), (133, 37919), (134, 37916), (140, 37868), (143, 37850), (145, 37826), (146, 37823), (152, 37760), (157, 37739), (158, 37730), (175, 37667), (189, 37595),

Gene: Bones_62 Start: 43067, Stop: 42258, Start Num: 57

Candidate Starts for Bones_62:

(Start: 57 @43067 has 99 MA's), (92, 42836), (95, 42824), (102, 42782), (103, 42770), (129, 42629), (140, 42551), (162, 42401), (173, 42359), (175, 42350), (189, 42278),

Gene: Boohoo_77 Start: 42981, Stop: 42151, Start Num: 45

Candidate Starts for Boohoo_77:

(Start: 45 @42981 has 15 MA's), (Start: 61 @42894 has 6 MA's), (68, 42864), (Start: 70 @42843 has 1 MA's), (78, 42798), (81, 42783), (86, 42762), (90, 42717), (91, 42714), (92, 42708), (93, 42705), (110, 42621), (116, 42585), (121, 42564), (129, 42519), (140, 42447), (143, 42429), (151, 42348), (158, 42309), (159, 42306), (189, 42174),

Gene: Bovely_35 Start: 26116, Stop: 26991, Start Num: 55

Candidate Starts for Bovely_35:

(4, 25741), (31, 26050), (Start: 55 @26116 has 570 MA's), (Start: 72 @26236 has 33 MA's), (83, 26296), (87, 26329), (92, 26365), (97, 26389), (99, 26404), (119, 26500), (127, 26551), (129, 26557), (132, 26572), (137, 26611), (140, 26620), (153, 26740), (175, 26824), (176, 26836), (188, 26893), (207, 26974), (208, 26977),

Gene: Bowden_36 Start: 27444, Stop: 28241, Start Num: 67

Candidate Starts for Bowden_36:

(27, 27282), (Start: 55 @27357 has 570 MA's), (Start: 67 @27444 has 12 MA's), (Start: 72 @27477 has 33 MA's), (Start: 73 @27480 has 2 MA's), (80, 27528), (83, 27537), (87, 27570), (92, 27606), (94, 27615), (97, 27630), (99, 27645), (127, 27792), (132, 27813), (137, 27852), (140, 27861), (156, 27993), (173, 28056), (176, 28077), (185, 28116), (207, 28218),

Gene: Bowtie_68 Start: 41506, Stop: 40709, Start Num: 55

Candidate Starts for Bowtie_68:

(Start: 55 @41506 has 570 MA's), (Start: 71 @41401 has 1 MA's), (Start: 72 @41398 has 33 MA's), (91, 41275), (116, 41149), (129, 41083), (140, 41008), (143, 40990), (145, 40966), (151, 40909), (158, 40870), (159, 40867), (171, 40825), (183, 40762), (189, 40735),

Gene: Bradman_71 Start: 41874, Stop: 41068, Start Num: 55

Candidate Starts for Bradman_71:

(29, 41949), (Start: 55 @41874 has 570 MA's), (101, 41583), (116, 41508), (127, 41448), (130, 41439), (140, 41367), (143, 41349), (151, 41268), (157, 41238), (158, 41229), (171, 41184), (189, 41094),

Gene: Bradshaw_53 Start: 38027, Stop: 37146, Start Num: 55

Candidate Starts for Bradshaw_53:

(Start: 55 @38027 has 570 MA's), (Start: 59 @38000 has 2 MA's), (Start: 72 @37913 has 33 MA's), (79, 37871), (86, 37838), (96, 37766), (108, 37709), (129, 37598), (133, 37577), (134, 37574), (140, 37526), (143, 37508), (145, 37484), (146, 37481), (152, 37418), (158, 37388), (175, 37325), (189, 37253),

Gene: Brataylor_38 Start: 27452, Stop: 28327, Start Num: 55

Candidate Starts for Brataylor_38:

(27, 27377), (31, 27386), (Start: 55 @27452 has 570 MA's), (Start: 72 @27572 has 33 MA's), (83, 27632), (87, 27665), (92, 27701), (97, 27725), (99, 27740), (127, 27887), (129, 27893), (132, 27908), (137, 27947), (140, 27956), (145, 27998), (175, 28160), (176, 28172), (188, 28229), (207, 28310), (208, 28313),

Gene: BreSam8_69 Start: 41997, Stop: 41188, Start Num: 55

Candidate Starts for BreSam8_69:

(Start: 55 @41997 has 570 MA's), (58, 41976), (Start: 65 @41925 has 2 MA's), (96, 41736), (99, 41715), (121, 41613), (122, 41610), (128, 41571), (131, 41556), (140, 41496), (143, 41478), (145, 41454), (157, 41367), (158, 41358), (175, 41295), (189, 41223),

Gene: Briton15_67 Start: 43699, Stop: 42878, Start Num: 53

Candidate Starts for Briton15_67:

(Start: 53 @43699 has 118 MA's), (Start: 57 @43687 has 99 MA's), (92, 43456), (95, 43444), (102, 43402), (103, 43390), (129, 43249), (140, 43171), (162, 43021), (189, 42898),

Gene: BroPlease_36 Start: 26758, Stop: 27519, Start Num: 71

Candidate Starts for BroPlease_36:

(11, 26431), (27, 26563), (Start: 55 @26641 has 570 MA's), (Start: 71 @26758 has 1 MA's), (Start: 72 @26761 has 33 MA's), (80, 26812), (83, 26821), (86, 26836), (87, 26854), (92, 26890), (97, 26914), (99, 26929), (121, 27037), (132, 27097), (137, 27136), (140, 27145), (145, 27187), (153, 27265), (164, 27307), (170, 27328), (173, 27340), (176, 27361), (185, 27400),

Gene: Broseidon_64 Start: 41886, Stop: 41080, Start Num: 55

Candidate Starts for Broseidon_64:

(Start: 39 @41931 has 1 MA's), (Start: 55 @41886 has 570 MA's), (Start: 57 @41874 has 99 MA's), (Start: 66 @41808 has 1 MA's), (78, 41733), (90, 41652), (96, 41625), (121, 41502), (128, 41460), (129, 41457), (136, 41394), (139, 41385), (140, 41382), (143, 41364), (151, 41283), (160, 41238), (162, 41232), (164, 41223), (177, 41160), (189, 41109),

Gene: BruceLethal_33 Start: 22750, Stop: 21887, Start Num: 55

Candidate Starts for BruceLethal_33:

(Start: 55 @22750 has 570 MA's), (68, 22654), (Start: 72 @22627 has 33 MA's), (79, 22585), (82, 22570), (87, 22534), (120, 22360), (121, 22354), (123, 22342), (125, 22336), (132, 22294), (140, 22246), (143, 22228), (203, 21937), (206, 21913),

Gene: Bruiser_63 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Bruiser_63:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Bruns_65 Start: 41833, Stop: 41009, Start Num: 53

Candidate Starts for Bruns_65:

(Start: 53 @41833 has 118 MA's), (Start: 57 @41821 has 99 MA's), (92, 41590), (95, 41578), (102, 41536), (103, 41524), (129, 41383), (139, 41308), (140, 41305), (164, 41146), (173, 41113), (189, 41032),

Gene: BryanRecycles_36 Start: 26587, Stop: 27342, Start Num: 72

Candidate Starts for BryanRecycles_36:

(4, 26092), (31, 26401), (Start: 55 @26467 has 570 MA's), (Start: 72 @26587 has 33 MA's), (83, 26647), (87, 26680), (92, 26716), (97, 26740), (99, 26755), (119, 26851), (127, 26902), (129, 26908), (132, 26923), (137, 26962), (140, 26971), (175, 27175), (176, 27187), (188, 27244), (207, 27325), (208, 27328),

Gene: Bryce_52 Start: 37772, Stop: 36891, Start Num: 55

Candidate Starts for Bryce_52:

(Start: 55 @37772 has 570 MA's), (Start: 59 @37745 has 2 MA's), (Start: 72 @37658 has 33 MA's), (79, 37616), (86, 37583), (96, 37511), (108, 37454), (129, 37343), (133, 37322), (134, 37319), (140, 37271), (143, 37253), (145, 37229), (146, 37226), (152, 37163), (158, 37133), (175, 37070), (189, 36998),

Gene: BubbleTrouble_63 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for BubbleTrouble_63:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Bud_66 Start: 41053, Stop: 40256, Start Num: 55

Candidate Starts for Bud_66:

(Start: 55 @41053 has 570 MA's), (Start: 71 @40948 has 1 MA's), (Start: 72 @40945 has 33 MA's), (91, 40822), (108, 40741), (116, 40696), (129, 40630), (140, 40555), (143, 40537), (145, 40513), (151, 40456), (158, 40417), (159, 40414), (171, 40372), (183, 40309), (189, 40282),

Gene: Bugatti_66 Start: 41754, Stop: 40957, Start Num: 55

Candidate Starts for Bugatti_66:

(Start: 55 @41754 has 570 MA's), (Start: 62 @41694 has 31 MA's), (78, 41601), (90, 41520), (96, 41493), (121, 41370), (128, 41328), (129, 41325), (140, 41253), (143, 41235), (157, 41124), (159, 41112), (169, 41076), (175, 41052), (177, 41031), (181, 41016), (183, 41007), (189, 40980),

Gene: Buggy_70 Start: 42987, Stop: 42181, Start Num: 52

Candidate Starts for Buggy_70:

(Start: 52 @42987 has 49 MA's), (Start: 62 @42927 has 31 MA's), (Start: 66 @42909 has 1 MA's), (78, 42834), (84, 42807), (91, 42750), (99, 42705), (101, 42696), (121, 42600), (130, 42552), (140, 42480), (143, 42462), (145, 42438), (151, 42381), (157, 42351), (158, 42342), (159, 42339), (164, 42321), (189, 42207),

Gene: Bumblebee11_62 Start: 42133, Stop: 41333, Start Num: 55

Candidate Starts for Bumblebee11_62:

(Start: 55 @42133 has 570 MA's), (Start: 57 @42121 has 99 MA's), (Start: 62 @42073 has 31 MA's), (Start: 66 @42055 has 1 MA's), (78, 41980), (90, 41899), (91, 41896), (96, 41872), (121, 41749), (129, 41704), (136, 41641), (139, 41632), (140, 41629), (143, 41611), (148, 41578), (160, 41485), (162, 41479), (164, 41470), (177, 41407), (189, 41356),

Gene: Burger_62 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Burger_62:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Burton_64 Start: 43655, Stop: 42834, Start Num: 53

Candidate Starts for Burton_64:

(Start: 53 @43655 has 118 MA's), (Start: 57 @43643 has 99 MA's), (92, 43412), (95, 43400), (102, 43358), (103, 43346), (129, 43205), (140, 43127), (162, 42977), (173, 42935), (175, 42926), (189, 42854),

Gene: Buttons_60 Start: 39531, Stop: 38722, Start Num: 57

Candidate Starts for Buttons_60:

(Start: 45 @39570 has 15 MA's), (Start: 57 @39531 has 99 MA's), (92, 39300), (95, 39288), (102, 39246), (103, 39234), (129, 39093), (138, 39021), (140, 39015), (162, 38865), (173, 38823), (175, 38814), (189, 38742),

Gene: BuzzBuzz_65 Start: 42031, Stop: 41222, Start Num: 55

Candidate Starts for BuzzBuzz_65:

(Start: 55 @42031 has 570 MA's), (58, 42010), (Start: 65 @41959 has 2 MA's), (96, 41770), (99, 41749), (121, 41647), (122, 41644), (128, 41605), (131, 41590), (140, 41530), (143, 41512), (145, 41488), (157, 41401), (158, 41392), (189, 41257),

Gene: Bxb1_57 Start: 40644, Stop: 39835, Start Num: 57

Candidate Starts for Bxb1_57:

(Start: 45 @40683 has 15 MA's), (Start: 57 @40644 has 99 MA's), (92, 40413), (95, 40401), (102, 40359), (103, 40347), (129, 40206), (140, 40128), (162, 39978), (173, 39936), (174, 39930), (182, 39888), (189, 39855),

Gene: Bxz2_64 Start: 42038, Stop: 41229, Start Num: 55

Candidate Starts for Bxz2_64:

(Start: 55 @42038 has 570 MA's), (58, 42017), (Start: 65 @41966 has 2 MA's), (96, 41777), (99, 41756), (121, 41654), (122, 41651), (128, 41612), (131, 41597), (140, 41537), (143, 41519), (145, 41495), (157, 41408), (158, 41399), (175, 41336), (189, 41264),

Gene: C3_64 Start: 42176, Stop: 41373, Start Num: 55

Candidate Starts for C3_64:

(Start: 55 @42176 has 570 MA's), (Start: 62 @42116 has 31 MA's), (Start: 70 @42068 has 1 MA's), (84, 41996), (91, 41939), (116, 41810), (130, 41741), (140, 41669), (143, 41651), (145, 41627), (157, 41540), (158, 41531), (185, 41417), (189, 41396),

Gene: CRB1_70 Start: 43221, Stop: 42415, Start Num: 52

Candidate Starts for CRB1_70:

(Start: 52 @43221 has 49 MA's), (Start: 62 @43161 has 31 MA's), (Start: 66 @43143 has 1 MA's), (78, 43068), (91, 42984), (99, 42939), (101, 42930), (129, 42789), (140, 42714), (143, 42696), (145, 42672), (151, 42615), (157, 42585), (158, 42576), (164, 42555), (175, 42513), (189, 42441),

Gene: CactusRose_63 Start: 41995, Stop: 41174, Start Num: 53

Candidate Starts for CactusRose_63:

(Start: 53 @41995 has 118 MA's), (Start: 57 @41983 has 99 MA's), (92, 41752), (95, 41740), (99, 41713), (102, 41698), (103, 41686), (129, 41545), (140, 41467), (162, 41317), (173, 41275), (175, 41266), (189, 41194),

Gene: Caelakin_63 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Caelakin_63:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Caelum_37 Start: 27063, Stop: 27947, Start Num: 55

Candidate Starts for Caelum_37:

(27, 26988), (Start: 55 @27063 has 570 MA's), (Start: 67 @27150 has 12 MA's), (68, 27156), (Start: 72 @27183 has 33 MA's), (Start: 73 @27186 has 2 MA's), (83, 27243), (87, 27276), (92, 27312), (97, 27336), (99, 27351), (127, 27498), (129, 27504), (132, 27519), (137, 27558), (139, 27564), (140, 27567), (145, 27609), (164, 27729), (173, 27762), (176, 27783), (185, 27822), (198, 27876), (209, 27930),

Gene: Caitlin_75 Start: 43078, Stop: 42278, Start Num: 55

Candidate Starts for Caitlin_75:

(34, 43135), (42, 43117), (48, 43093), (Start: 55 @43078 has 570 MA's), (Start: 62 @43018 has 31 MA's), (Start: 72 @42964 has 33 MA's), (81, 42910), (84, 42898), (96, 42817), (107, 42760), (112,

42739), (129, 42646), (139, 42577), (140, 42574), (143, 42556), (149, 42514), (151, 42475), (158, 42436), (159, 42433), (162, 42424), (173, 42382), (175, 42373), (181, 42337), (189, 42301), (192, 42283),

Gene: Caliburn_35 Start: 26213, Stop: 26968, Start Num: 72

Candidate Starts for Caliburn_35:

(4, 25718), (31, 26027), (Start: 55 @26093 has 570 MA's), (Start: 72 @26213 has 33 MA's), (83, 26273), (87, 26306), (92, 26342), (97, 26366), (99, 26381), (119, 26477), (127, 26528), (129, 26534), (132, 26549), (137, 26588), (140, 26597), (153, 26717), (175, 26801), (176, 26813), (207, 26951), (208, 26954),

Gene: Calvinny_68 Start: 41890, Stop: 41081, Start Num: 55

Candidate Starts for Calvinny_68:

(Start: 55 @41890 has 570 MA's), (58, 41869), (96, 41629), (99, 41608), (121, 41506), (122, 41503), (128, 41464), (131, 41449), (140, 41389), (143, 41371), (145, 41347), (157, 41260), (158, 41251), (175, 41188), (189, 41116),

Gene: Camperdownii_62 Start: 41558, Stop: 40752, Start Num: 55

Candidate Starts for Camperdownii_62:

(Start: 39 @41603 has 1 MA's), (Start: 55 @41558 has 570 MA's), (Start: 57 @41546 has 99 MA's), (Start: 66 @41480 has 1 MA's), (78, 41405), (90, 41324), (96, 41297), (121, 41174), (128, 41132), (129, 41129), (136, 41066), (139, 41057), (140, 41054), (143, 41036), (148, 41003), (151, 40955), (160, 40910), (162, 40904), (164, 40895), (177, 40832), (189, 40781),

Gene: Candra_68 Start: 41104, Stop: 40298, Start Num: 55

Candidate Starts for Candra_68:

(26, 41185), (Start: 55 @41104 has 570 MA's), (91, 40867), (129, 40672), (140, 40597), (143, 40579), (145, 40555), (157, 40468), (158, 40459), (159, 40456), (185, 40345), (189, 40324),

Gene: Caraxes_70 Start: 41064, Stop: 40261, Start Num: 55

Candidate Starts for Caraxes_70:

(29, 41139), (Start: 55 @41064 has 570 MA's), (Start: 73 @40947 has 2 MA's), (91, 40827), (99, 40782), (117, 40695), (129, 40635), (140, 40560), (143, 40542), (145, 40518), (151, 40461), (157, 40431), (158, 40422), (189, 40287),

Gene: Carlyle_63 Start: 40781, Stop: 39960, Start Num: 53

Candidate Starts for Carlyle_63:

(Start: 53 @40781 has 118 MA's), (Start: 57 @40769 has 99 MA's), (92, 40538), (95, 40526), (99, 40499), (102, 40484), (103, 40472), (129, 40331), (140, 40253), (162, 40103), (173, 40061), (174, 40055), (189, 39980),

Gene: CartmannCramer_61 Start: 43744, Stop: 42923, Start Num: 53

Candidate Starts for CartmannCramer_61:

(Start: 53 @43744 has 118 MA's), (Start: 57 @43732 has 99 MA's), (92, 43501), (95, 43489), (99, 43462), (102, 43447), (103, 43435), (129, 43294), (140, 43216), (162, 43066), (173, 43024), (175, 43015), (189, 42943),

Gene: CatBus_59 Start: 41770, Stop: 40961, Start Num: 57

Candidate Starts for CatBus_59:

(Start: 45 @41809 has 15 MA's), (Start: 57 @41770 has 99 MA's), (92, 41539), (95, 41527), (102, 41485), (103, 41473), (129, 41332), (140, 41254), (162, 41104), (173, 41062), (175, 41053), (189, 40981),

Gene: Catalina_73 Start: 42254, Stop: 41445, Start Num: 55

Candidate Starts for Catalina_73:

(Start: 55 @42254 has 570 MA's), (84, 42074), (89, 42029), (91, 42017), (95, 41999), (117, 41882), (129, 41822), (140, 41747), (143, 41729), (145, 41705), (151, 41648), (157, 41618), (158, 41609), (186, 41483), (189, 41471),

Gene: Caviar_65 Start: 41704, Stop: 40907, Start Num: 55

Candidate Starts for Caviar_65:

(Start: 55 @41704 has 570 MA's), (Start: 62 @41644 has 31 MA's), (78, 41551), (90, 41470), (96, 41443), (121, 41320), (128, 41278), (129, 41275), (140, 41203), (143, 41185), (157, 41074), (159, 41062), (162, 41053), (164, 41044), (169, 41026), (175, 41002), (177, 40981), (181, 40966), (189, 40930),

Gene: Celery_39 Start: 27883, Stop: 28776, Start Num: 55

Candidate Starts for Celery_39:

(27, 27814), (Start: 55 @27883 has 570 MA's), (Start: 72 @28003 has 33 MA's), (80, 28054), (83, 28063), (87, 28096), (92, 28132), (97, 28156), (99, 28171), (127, 28318), (129, 28324), (132, 28339), (137, 28378), (140, 28387), (153, 28507), (164, 28549), (175, 28591), (176, 28603), (184, 28639), (185, 28642), (188, 28660), (194, 28687),

Gene: Celeste_36 Start: 27041, Stop: 27796, Start Num: 72

Candidate Starts for Celeste_36:

(27, 26846), (31, 26855), (Start: 55 @26921 has 570 MA's), (Start: 72 @27041 has 33 MA's), (83, 27101), (87, 27134), (92, 27170), (97, 27194), (99, 27209), (127, 27356), (129, 27362), (132, 27377), (137, 27416), (140, 27425), (145, 27467), (175, 27629), (176, 27641), (188, 27698), (207, 27779), (208, 27782),

Gene: Celestiallunch_66 Start: 41265, Stop: 40456, Start Num: 55

Candidate Starts for Celestiallunch_66:

(Start: 55 @41265 has 570 MA's), (84, 41085), (89, 41040), (91, 41028), (95, 41010), (98, 40989), (117, 40893), (127, 40839), (129, 40833), (140, 40758), (143, 40740), (145, 40716), (151, 40659), (158, 40620), (186, 40494), (189, 40482),

Gene: Celia_37 Start: 26951, Stop: 27844, Start Num: 55

Candidate Starts for Celia_37:

(14, 26798), (15, 26819), (19, 26837), (23, 26873), (Start: 55 @26951 has 570 MA's), (Start: 72 @27071 has 33 MA's), (83, 27131), (87, 27164), (92, 27200), (97, 27224), (99, 27239), (129, 27392), (132, 27407), (137, 27446), (139, 27452), (140, 27455), (153, 27575), (170, 27638), (175, 27659), (176, 27671), (196, 27761),

Gene: Centaur_69 Start: 42639, Stop: 41833, Start Num: 51

Candidate Starts for Centaur_69:

(Start: 51 @42639 has 57 MA's), (Start: 62 @42579 has 31 MA's), (91, 42402), (129, 42207), (140, 42132), (143, 42114), (145, 42090), (151, 42033), (157, 42003), (158, 41994), (164, 41973), (189, 41859),

Gene: CentreCat_64 Start: 41896, Stop: 41090, Start Num: 55

Candidate Starts for CentreCat_64:

(Start: 55 @41896 has 570 MA's), (Start: 57 @41884 has 99 MA's), (Start: 66 @41818 has 1 MA's), (78, 41743), (90, 41662), (96, 41635), (121, 41512), (128, 41470), (129, 41467), (136, 41404), (139, 41395), (140, 41392), (143, 41374), (148, 41341), (151, 41293), (160, 41248), (162, 41242), (164, 41233), (177, 41170), (189, 41119),

Gene: Cerulean_65 Start: 42297, Stop: 41491, Start Num: 55

Candidate Starts for Cerulean_65:

(Start: 39 @42342 has 1 MA's), (Start: 55 @42297 has 570 MA's), (Start: 57 @42285 has 99 MA's), (Start: 66 @42219 has 1 MA's), (78, 42144), (90, 42063), (96, 42036), (121, 41913), (128, 41871), (129, 41868), (136, 41805), (139, 41796), (140, 41793), (143, 41775), (151, 41694), (160, 41649), (162, 41643), (164, 41634), (177, 41571), (189, 41520),

Gene: Chadwick_67 Start: 41465, Stop: 40659, Start Num: 55

Candidate Starts for Chadwick_67:

(36, 41519), (Start: 55 @41465 has 570 MA's), (60, 41414), (Start: 62 @41405 has 31 MA's), (91, 41228), (95, 41210), (96, 41204), (108, 41144), (111, 41129), (112, 41126), (116, 41099), (121, 41078), (129, 41033), (139, 40958), (140, 40955), (143, 40937), (145, 40913), (148, 40904), (149, 40895), (157, 40826), (158, 40817), (159, 40814), (175, 40754), (189, 40682),

Gene: ChampagnePapi_66 Start: 42296, Stop: 41490, Start Num: 55

Candidate Starts for ChampagnePapi_66:

(Start: 39 @42341 has 1 MA's), (Start: 55 @42296 has 570 MA's), (Start: 57 @42284 has 99 MA's), (Start: 66 @42218 has 1 MA's), (78, 42143), (90, 42062), (96, 42035), (121, 41912), (128, 41870), (129, 41867), (136, 41804), (139, 41795), (140, 41792), (143, 41774), (151, 41693), (160, 41648), (162, 41642), (164, 41633), (177, 41570), (189, 41519),

Gene: Chanagan_57 Start: 39625, Stop: 38816, Start Num: 57

Candidate Starts for Chanagan_57:

(Start: 45 @39664 has 15 MA's), (Start: 57 @39625 has 99 MA's), (92, 39394), (95, 39382), (102, 39340), (103, 39328), (129, 39187), (140, 39109), (162, 38959), (173, 38917), (174, 38911), (189, 38836),

Gene: Changeling_67 Start: 42890, Stop: 42084, Start Num: 51

Candidate Starts for Changeling_67:

(Start: 51 @42890 has 57 MA's), (78, 42737), (84, 42710), (91, 42653), (117, 42518), (129, 42458), (140, 42383), (143, 42365), (145, 42341), (151, 42284), (157, 42254), (158, 42245), (164, 42224), (189, 42110),

Gene: Chaph_64 Start: 41895, Stop: 41089, Start Num: 55

Candidate Starts for Chaph_64:

(Start: 39 @41940 has 1 MA's), (Start: 55 @41895 has 570 MA's), (Start: 57 @41883 has 99 MA's), (Start: 66 @41817 has 1 MA's), (78, 41742), (90, 41661), (96, 41634), (121, 41511), (128, 41469), (129, 41466), (136, 41403), (139, 41394), (140, 41391), (143, 41373), (151, 41292), (160, 41247), (162, 41241), (164, 41232), (177, 41169), (189, 41118),

Gene: Chargerpower_66 Start: 40425, Stop: 39619, Start Num: 52

Candidate Starts for Chargerpower_66:

(Start: 52 @40425 has 49 MA's), (Start: 62 @40365 has 31 MA's), (84, 40245), (117, 40053), (127, 39999), (129, 39993), (140, 39918), (143, 39900), (145, 39876), (151, 39819), (158, 39780), (159, 39777), (164, 39759), (175, 39717), (189, 39645),

Gene: Charm_66 Start: 41395, Stop: 40586, Start Num: 55

Candidate Starts for Charm_66:

(Start: 55 @41395 has 570 MA's), (84, 41215), (89, 41170), (91, 41158), (95, 41140), (99, 41113), (117, 41023), (127, 40969), (129, 40963), (140, 40888), (143, 40870), (145, 40846), (151, 40789), (158, 40750), (189, 40612),

Gene: Chartreuse_69 Start: 40415, Stop: 39609, Start Num: 55

Candidate Starts for Chartreuse_69:

(26, 40496), (Start: 55 @40415 has 570 MA's), (91, 40178), (129, 39983), (140, 39908), (143, 39890), (145, 39866), (157, 39779), (158, 39770), (159, 39767), (185, 39656), (189, 39635),

Gene: Che12_71 Start: 41201, Stop: 40398, Start Num: 55

Candidate Starts for Che12_71:

(Start: 55 @41201 has 570 MA's), (Start: 62 @41141 has 31 MA's), (84, 41021), (91, 40964), (117, 40832), (129, 40772), (140, 40697), (143, 40679), (145, 40655), (151, 40598), (157, 40568), (158, 40559), (164, 40538), (175, 40496), (185, 40445), (189, 40424),

Gene: ChipMunk_70 Start: 44218, Stop: 43412, Start Num: 52

Candidate Starts for ChipMunk_70:

(Start: 52 @44218 has 49 MA's), (Start: 62 @44158 has 31 MA's), (Start: 66 @44140 has 1 MA's), (78, 44065), (84, 44038), (91, 43981), (99, 43936), (101, 43927), (130, 43783), (140, 43711), (143, 43693), (145, 43669), (151, 43612), (157, 43582), (158, 43573), (164, 43552), (189, 43438),

Gene: Chiqui_61 Start: 41738, Stop: 40941, Start Num: 55

Candidate Starts for Chiqui_61:

(Start: 55 @41738 has 570 MA's), (Start: 62 @41678 has 31 MA's), (78, 41585), (90, 41504), (96, 41477), (121, 41354), (128, 41312), (129, 41309), (140, 41237), (143, 41219), (159, 41096), (169, 41060), (175, 41036), (177, 41015), (181, 41000), (189, 40964),

Gene: ChristmasHams_57 Start: 39632, Stop: 38811, Start Num: 53

Candidate Starts for ChristmasHams_57:

(Start: 53 @39632 has 118 MA's), (Start: 57 @39620 has 99 MA's), (92, 39389), (95, 39377), (102, 39335), (103, 39323), (129, 39182), (140, 39104), (148, 39053), (162, 38954), (173, 38912), (175, 38903), (189, 38831),

Gene: Chucky_35 Start: 26485, Stop: 27360, Start Num: 55

Candidate Starts for Chucky_35:

(8, 26245), (11, 26293), (27, 26410), (Start: 55 @26485 has 570 MA's), (Start: 72 @26605 has 33 MA's), (83, 26665), (86, 26680), (87, 26698), (92, 26734), (97, 26758), (99, 26773), (119, 26869), (127, 26920), (129, 26926), (132, 26941), (137, 26980), (139, 26986), (140, 26989), (145, 27031), (175, 27193), (176, 27205), (188, 27262), (207, 27343), (208, 27346),

Gene: Chupacabra_61 Start: 40923, Stop: 40126, Start Num: 55

Candidate Starts for Chupacabra_61:

(Start: 55 @40923 has 570 MA's), (Start: 59 @40896 has 2 MA's), (Start: 62 @40863 has 31 MA's), (Start: 66 @40845 has 1 MA's), (78, 40770), (84, 40743), (90, 40689), (96, 40662), (121, 40539), (129, 40494), (130, 40491), (140, 40422), (143, 40404), (159, 40281), (175, 40221), (177, 40200), (181, 40185), (183, 40176), (189, 40149),

Gene: Ciao_61 Start: 40989, Stop: 40180, Start Num: 57

Candidate Starts for Ciao_61:

(Start: 45 @41028 has 15 MA's), (Start: 57 @40989 has 99 MA's), (92, 40758), (95, 40746), (99, 40719), (102, 40704), (103, 40692), (129, 40551), (140, 40473), (162, 40323), (173, 40281), (174, 40275), (189, 40200),

Gene: Cici_63 Start: 42148, Stop: 41348, Start Num: 55

Candidate Starts for Cici_63:

(Start: 55 @42148 has 570 MA's), (Start: 57 @42136 has 99 MA's), (Start: 62 @42088 has 31 MA's), (Start: 66 @42070 has 1 MA's), (78, 41995), (90, 41914), (91, 41911), (96, 41887), (121, 41764), (129, 41719), (136, 41656), (139, 41647), (140, 41644), (143, 41626), (148, 41593), (160, 41500), (162,

41494), (164, 41485), (177, 41422), (189, 41371),

Gene: Cindaradix_60 Start: 41748, Stop: 40960, Start Num: 57

Candidate Starts for Cindaradix_60:

(Start: 55 @41760 has 570 MA's), (Start: 57 @41748 has 99 MA's), (Start: 62 @41700 has 31 MA's), (Start: 66 @41682 has 1 MA's), (78, 41607), (90, 41526), (96, 41499), (121, 41376), (129, 41331), (136, 41268), (139, 41259), (140, 41256), (143, 41238), (157, 41127), (160, 41112), (162, 41106), (164, 41097), (177, 41034), (189, 40983),

Gene: Cintron_64 Start: 42007, Stop: 41201, Start Num: 55

Candidate Starts for Cintron_64:

(Start: 39 @42052 has 1 MA's), (Start: 55 @42007 has 570 MA's), (Start: 57 @41995 has 99 MA's), (Start: 66 @41929 has 1 MA's), (78, 41854), (90, 41773), (96, 41746), (121, 41623), (128, 41581), (129, 41578), (136, 41515), (139, 41506), (140, 41503), (143, 41485), (151, 41404), (160, 41359), (162, 41353), (164, 41344), (177, 41281), (189, 41230),

Gene: Citius_64 Start: 41905, Stop: 41099, Start Num: 55

Candidate Starts for Citius_64:

(Start: 39 @41950 has 1 MA's), (Start: 55 @41905 has 570 MA's), (Start: 57 @41893 has 99 MA's), (Start: 66 @41827 has 1 MA's), (78, 41752), (90, 41671), (96, 41644), (121, 41521), (128, 41479), (129, 41476), (136, 41413), (139, 41404), (140, 41401), (143, 41383), (148, 41350), (151, 41302), (160, 41257), (162, 41251), (164, 41242), (177, 41179), (189, 41128),

Gene: Clammy_66 Start: 41754, Stop: 40957, Start Num: 55

Candidate Starts for Clammy_66:

(Start: 55 @41754 has 570 MA's), (Start: 62 @41694 has 31 MA's), (78, 41601), (90, 41520), (96, 41493), (121, 41370), (128, 41328), (129, 41325), (140, 41253), (143, 41235), (157, 41124), (159, 41112), (169, 41076), (175, 41052), (177, 41031), (181, 41016), (183, 41007), (189, 40980),

Gene: Clarenza_63 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for Clarenza_63:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: CloudWang3_72 Start: 41589, Stop: 40783, Start Num: 55

Candidate Starts for CloudWang3_72:

(Start: 55 @41589 has 570 MA's), (Start: 62 @41529 has 31 MA's), (91, 41352), (99, 41307), (108, 41268), (129, 41157), (140, 41082), (143, 41064), (145, 41040), (157, 40953), (158, 40944), (159, 40941), (189, 40809),

Gene: Cocoaberry_64 Start: 41888, Stop: 41082, Start Num: 55

Candidate Starts for Cocoaberry_64:

(Start: 39 @41933 has 1 MA's), (Start: 55 @41888 has 570 MA's), (Start: 57 @41876 has 99 MA's), (Start: 66 @41810 has 1 MA's), (78, 41735), (90, 41654), (96, 41627), (121, 41504), (128, 41462), (129, 41459), (136, 41396), (139, 41387), (140, 41384), (143, 41366), (148, 41333), (151, 41285), (160, 41240), (162, 41234), (164, 41225), (177, 41162), (189, 41111),

Gene: CogOmlette_68 Start: 41866, Stop: 41054, Start Num: 55

Candidate Starts for CogOmlette_68:

(Start: 55 @41866 has 570 MA's), (84, 41686), (91, 41629), (92, 41623), (95, 41611), (117, 41494), (140, 41359), (143, 41341), (145, 41317), (151, 41260), (157, 41230), (158, 41221), (186, 41095),

(189, 41083),

Gene: Colbster_67 Start: 42007, Stop: 41198, Start Num: 55

Candidate Starts for Colbster_67:

(Start: 55 @42007 has 570 MA's), (58, 41986), (Start: 65 @41935 has 2 MA's), (96, 41746), (99, 41725), (121, 41623), (122, 41620), (128, 41581), (131, 41566), (140, 41506), (143, 41488), (145, 41464), (157, 41377), (158, 41368), (175, 41305), (189, 41233),

Gene: Colin_67 Start: 42853, Stop: 42047, Start Num: 52

Candidate Starts for Colin_67:

(Start: 52 @42853 has 49 MA's), (Start: 62 @42793 has 31 MA's), (Start: 66 @42775 has 1 MA's), (78, 42700), (81, 42685), (91, 42616), (105, 42544), (117, 42481), (129, 42421), (130, 42418), (140, 42346), (143, 42328), (145, 42304), (151, 42247), (157, 42217), (158, 42208), (159, 42205), (164, 42187), (189, 42073),

Gene: Commander_63 Start: 41883, Stop: 41077, Start Num: 55

Candidate Starts for Commander_63:

(Start: 39 @41928 has 1 MA's), (Start: 55 @41883 has 570 MA's), (Start: 57 @41871 has 99 MA's), (Start: 66 @41805 has 1 MA's), (78, 41730), (90, 41649), (96, 41622), (121, 41499), (128, 41457), (129, 41454), (136, 41391), (139, 41382), (140, 41379), (143, 41361), (148, 41328), (151, 41280), (160, 41235), (162, 41229), (164, 41220), (177, 41157), (189, 41106),

Gene: Conan_37 Start: 27852, Stop: 28739, Start Num: 55

Candidate Starts for Conan_37:

(27, 27783), (Start: 55 @27852 has 570 MA's), (Start: 72 @27972 has 33 MA's), (80, 28023), (83, 28032), (87, 28065), (92, 28101), (97, 28125), (99, 28140), (127, 28287), (129, 28293), (132, 28308), (137, 28347), (140, 28356), (153, 28476), (164, 28518), (176, 28572), (184, 28608), (185, 28611), (188, 28629), (194, 28656),

Gene: ConceptII_65 Start: 43067, Stop: 42246, Start Num: 53

Candidate Starts for ConceptII_65:

(Start: 53 @43067 has 118 MA's), (Start: 57 @43055 has 99 MA's), (92, 42824), (95, 42812), (102, 42770), (103, 42758), (129, 42617), (140, 42539), (148, 42488), (159, 42398), (164, 42380), (189, 42266),

Gene: Connomayer_64 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Connomayer_64:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Conquerage_69 Start: 41930, Stop: 41121, Start Num: 55

Candidate Starts for Conquerage_69:

(Start: 55 @41930 has 570 MA's), (84, 41750), (91, 41693), (95, 41675), (117, 41558), (129, 41498), (140, 41423), (143, 41405), (145, 41381), (151, 41324), (157, 41294), (158, 41285), (186, 41159), (189, 41147),

Gene: Conspiracy_65 Start: 41569, Stop: 40763, Start Num: 55

Candidate Starts for Conspiracy_65:

(Start: 55 @41569 has 570 MA's), (Start: 62 @41509 has 31 MA's), (Start: 65 @41497 has 2 MA's), (84, 41389), (91, 41332), (95, 41314), (96, 41308), (111, 41233), (112, 41230), (139, 41062), (140, 41059), (143, 41041), (145, 41017), (149, 40999), (157, 40930), (158, 40921), (159, 40918), (175,

40858), (189, 40786),

Gene: Coog_61 Start: 41383, Stop: 40577, Start Num: 55

Candidate Starts for Coog_61:

(Start: 55 @41383 has 570 MA's), (Start: 62 @41323 has 31 MA's), (Start: 65 @41311 has 2 MA's), (91, 41146), (95, 41128), (96, 41122), (102, 41086), (111, 41047), (112, 41044), (129, 40951), (140, 40873), (143, 40855), (149, 40813), (157, 40744), (158, 40735), (159, 40732), (175, 40672), (189, 40600),

Gene: Cookiedough_70 Start: 41043, Stop: 40237, Start Num: 55

Candidate Starts for Cookiedough_70:

(38, 41094), (41, 41085), (Start: 55 @41043 has 570 MA's), (91, 40806), (129, 40611), (140, 40536), (143, 40518), (145, 40494), (157, 40407), (158, 40398), (159, 40395), (185, 40284), (189, 40263),

Gene: Corvo_64 Start: 42920, Stop: 42111, Start Num: 57

Candidate Starts for Corvo_64:

(Start: 57 @42920 has 99 MA's), (92, 42689), (95, 42677), (102, 42635), (103, 42623), (129, 42482), (140, 42404), (162, 42254), (173, 42212), (175, 42203), (189, 42131),

Gene: CosmicSans_53 Start: 38018, Stop: 37137, Start Num: 55

Candidate Starts for CosmicSans_53:

(Start: 55 @38018 has 570 MA's), (Start: 59 @37991 has 2 MA's), (Start: 72 @37904 has 33 MA's), (79, 37862), (86, 37829), (96, 37757), (108, 37700), (129, 37589), (133, 37568), (134, 37565), (140, 37517), (143, 37499), (145, 37475), (146, 37472), (152, 37409), (158, 37379), (175, 37316), (189, 37244),

Gene: Cota_33 Start: 22790, Stop: 21927, Start Num: 55

Candidate Starts for Cota_33:

(Start: 55 @22790 has 570 MA's), (68, 22694), (Start: 72 @22667 has 33 MA's), (79, 22625), (82, 22610), (87, 22574), (120, 22400), (121, 22394), (123, 22382), (125, 22376), (132, 22334), (140, 22286), (143, 22268), (166, 22127), (178, 22067), (206, 21953),

Gene: Crispicous1_61 Start: 41331, Stop: 40522, Start Num: 57

Candidate Starts for Crispicous1_61:

(Start: 45 @41370 has 15 MA's), (Start: 57 @41331 has 99 MA's), (92, 41100), (95, 41088), (102, 41046), (103, 41034), (129, 40893), (140, 40815), (162, 40665), (173, 40623), (174, 40617), (189, 40542),

Gene: Crucio_68 Start: 42604, Stop: 41798, Start Num: 51

Candidate Starts for Crucio_68:

(Start: 51 @42604 has 57 MA's), (Start: 62 @42544 has 31 MA's), (78, 42451), (91, 42367), (117, 42232), (129, 42172), (140, 42097), (143, 42079), (157, 41968), (158, 41959), (164, 41938), (189, 41824),

Gene: Cuco_63 Start: 41243, Stop: 40437, Start Num: 55

Candidate Starts for Cuco_63:

(Start: 55 @41243 has 570 MA's), (Start: 62 @41183 has 31 MA's), (Start: 65 @41171 has 2 MA's), (91, 41006), (95, 40988), (96, 40982), (102, 40946), (111, 40907), (112, 40904), (129, 40811), (140, 40733), (143, 40715), (149, 40673), (157, 40604), (158, 40595), (159, 40592), (175, 40532), (189, 40460),

Gene: Cueylyss_63 Start: 43267, Stop: 42458, Start Num: 57

Candidate Starts for Cueylyss_63:

(Start: 45 @43306 has 15 MA's), (Start: 57 @43267 has 99 MA's), (92, 43036), (95, 43024), (99, 42997), (102, 42982), (103, 42970), (129, 42829), (140, 42751), (162, 42601), (173, 42559), (174, 42553), (189, 42478),

Gene: Cullens_69 Start: 42003, Stop: 41194, Start Num: 55

Candidate Starts for Cullens_69:

(Start: 55 @42003 has 570 MA's), (58, 41982), (Start: 65 @41931 has 2 MA's), (96, 41742), (99, 41721), (121, 41619), (122, 41616), (128, 41577), (131, 41562), (140, 41502), (143, 41484), (145, 41460), (157, 41373), (158, 41364), (175, 41301), (189, 41229),

Gene: D29_65 Start: 42580, Stop: 41882, Start Num: 70

Candidate Starts for D29_65:

(Start: 62 @42628 has 31 MA's), (Start: 70 @42580 has 1 MA's), (116, 42322), (130, 42253), (140, 42181), (143, 42163), (145, 42139), (157, 42052), (158, 42043), (185, 41929), (189, 41908),

Gene: D32_69 Start: 42628, Stop: 41882, Start Num: 62

Candidate Starts for D32_69:

(Start: 62 @42628 has 31 MA's), (Start: 70 @42580 has 1 MA's), (116, 42322), (130, 42253), (140, 42181), (143, 42163), (145, 42139), (157, 42052), (158, 42043), (185, 41929), (189, 41908),

Gene: DBQu4n_70 Start: 42608, Stop: 41862, Start Num: 62

Candidate Starts for DBQu4n_70:

(Start: 62 @42608 has 31 MA's), (79, 42512), (117, 42296), (129, 42236), (130, 42233), (140, 42161), (143, 42143), (145, 42119), (151, 42062), (157, 42032), (158, 42023), (189, 41888),

Gene: DD5_61 Start: 42620, Stop: 41799, Start Num: 55

Candidate Starts for DD5_61:

(Start: 55 @42620 has 570 MA's), (Start: 57 @42608 has 99 MA's), (92, 42377), (95, 42365), (99, 42338), (102, 42323), (103, 42311), (129, 42170), (140, 42092), (162, 41942), (173, 41900), (175, 41891), (182, 41852), (189, 41819),

Gene: DaHudson_68 Start: 41996, Stop: 41187, Start Num: 55

Candidate Starts for DaHudson_68:

(Start: 55 @41996 has 570 MA's), (58, 41975), (Start: 65 @41924 has 2 MA's), (96, 41735), (99, 41714), (121, 41612), (122, 41609), (128, 41570), (131, 41555), (140, 41495), (143, 41477), (145, 41453), (157, 41366), (158, 41357), (175, 41294), (189, 41222),

Gene: DaVinci_68 Start: 40469, Stop: 39663, Start Num: 55

Candidate Starts for DaVinci_68:

(26, 40550), (Start: 55 @40469 has 570 MA's), (91, 40232), (129, 40037), (140, 39962), (143, 39944), (145, 39920), (157, 39833), (158, 39824), (159, 39821), (185, 39710), (189, 39689),

Gene: Daishi_68 Start: 40872, Stop: 40063, Start Num: 55

Candidate Starts for Daishi_68:

(Start: 55 @40872 has 570 MA's), (58, 40851), (Start: 65 @40800 has 2 MA's), (96, 40611), (99, 40590), (121, 40488), (122, 40485), (128, 40446), (131, 40431), (140, 40371), (143, 40353), (145, 40329), (157, 40242), (158, 40233), (175, 40170), (189, 40098),

Gene: Dalmatian_69 Start: 42803, Stop: 41997, Start Num: 52

Candidate Starts for Dalmatian_69:

(Start: 52 @42803 has 49 MA's), (Start: 62 @42743 has 31 MA's), (Start: 66 @42725 has 1 MA's), (78, 42650), (84, 42623), (91, 42566), (99, 42521), (101, 42512), (130, 42368), (140, 42296), (143, 42278), (145, 42254), (151, 42197), (157, 42167), (158, 42158), (159, 42155), (164, 42137), (189, 42023),

Gene: Danforth_78 Start: 43460, Stop: 42660, Start Num: 55

Candidate Starts for Danforth_78:

(34, 43520), (42, 43499), (48, 43475), (Start: 55 @43460 has 570 MA's), (Start: 62 @43400 has 31 MA's), (Start: 72 @43346 has 33 MA's), (81, 43292), (96, 43199), (107, 43142), (112, 43121), (129, 43028), (139, 42959), (140, 42956), (143, 42938), (149, 42896), (151, 42857), (158, 42818), (159, 42815), (162, 42806), (173, 42764), (175, 42755), (181, 42719), (189, 42683), (192, 42665),

Gene: Danzina_37 Start: 27222, Stop: 28097, Start Num: 55

Candidate Starts for Danzina_37:

(27, 27147), (31, 27156), (Start: 55 @27222 has 570 MA's), (Start: 72 @27342 has 33 MA's), (83, 27402), (87, 27435), (92, 27471), (97, 27495), (99, 27510), (127, 27657), (129, 27663), (132, 27678), (137, 27717), (140, 27726), (145, 27768), (175, 27930), (176, 27942), (188, 27999), (207, 28080), (208, 28083),

Gene: Darrell_72 Start: 42759, Stop: 41947, Start Num: 55

Candidate Starts for Darrell_72:

(Start: 55 @42759 has 570 MA's), (84, 42579), (91, 42522), (92, 42516), (95, 42504), (101, 42468), (117, 42387), (129, 42327), (140, 42252), (143, 42234), (145, 42210), (151, 42153), (157, 42123), (158, 42114), (186, 41988), (189, 41976),

Gene: DARTHPhader_66 Start: 43021, Stop: 42275, Start Num: 62

Candidate Starts for DARTHPhader_66:

(Start: 62 @43021 has 31 MA's), (84, 42901), (91, 42844), (95, 42826), (101, 42790), (117, 42709), (127, 42655), (129, 42649), (140, 42574), (143, 42556), (145, 42532), (151, 42475), (157, 42445), (158, 42436), (164, 42415), (189, 42301),

Gene: Dattran_37 Start: 27148, Stop: 27903, Start Num: 72

Candidate Starts for Dattran_37:

(27, 26953), (31, 26962), (Start: 55 @27028 has 570 MA's), (Start: 72 @27148 has 33 MA's), (83, 27208), (87, 27241), (92, 27277), (97, 27301), (99, 27316), (127, 27463), (129, 27469), (132, 27484), (137, 27523), (140, 27532), (145, 27574), (175, 27736), (176, 27748), (188, 27805), (207, 27886), (208, 27889),

Gene: Datway_63 Start: 42119, Stop: 41319, Start Num: 55

Candidate Starts for Datway_63:

(Start: 55 @42119 has 570 MA's), (Start: 57 @42107 has 99 MA's), (Start: 62 @42059 has 31 MA's), (Start: 66 @42041 has 1 MA's), (78, 41966), (90, 41885), (91, 41882), (96, 41858), (121, 41735), (129, 41690), (136, 41627), (139, 41618), (140, 41615), (143, 41597), (148, 41564), (160, 41471), (162, 41465), (164, 41456), (177, 41393), (189, 41342),

Gene: Daudau_36 Start: 27174, Stop: 28058, Start Num: 55

Candidate Starts for Daudau_36:

(5, 26799), (13, 26982), (27, 27099), (Start: 55 @27174 has 570 MA's), (Start: 67 @27261 has 12 MA's), (Start: 72 @27294 has 33 MA's), (Start: 73 @27297 has 2 MA's), (83, 27354), (84, 27360), (87, 27387), (92, 27423), (94, 27432), (97, 27447), (99, 27462), (127, 27609), (132, 27630), (137, 27669), (140, 27678), (164, 27840), (173, 27873), (176, 27894), (185, 27933),

Gene: Deano_62 Start: 41892, Stop: 41086, Start Num: 55

Candidate Starts for Deano_62:

(Start: 39 @41937 has 1 MA's), (Start: 55 @41892 has 570 MA's), (Start: 57 @41880 has 99 MA's), (Start: 66 @41814 has 1 MA's), (78, 41739), (90, 41658), (96, 41631), (121, 41508), (128, 41466), (129, 41463), (136, 41400), (139, 41391), (140, 41388), (143, 41370), (151, 41289), (160, 41244),

(162, 41238), (164, 41229), (177, 41166), (189, 41115),

Gene: DeerParkTS_65 Start: 41644, Stop: 40838, Start Num: 52

Candidate Starts for DeerParkTS_65:

(Start: 52 @41644 has 49 MA's), (Start: 66 @41566 has 1 MA's), (78, 41491), (81, 41476), (84, 41464), (91, 41407), (117, 41272), (130, 41209), (140, 41137), (143, 41119), (145, 41095), (151, 41038), (157, 41008), (158, 40999), (159, 40996), (164, 40978), (189, 40864),

Gene: DekHockey33_78 Start: 42939, Stop: 42109, Start Num: 45

Candidate Starts for DekHockey33_78:

(Start: 45 @42939 has 15 MA's), (Start: 61 @42852 has 6 MA's), (68, 42822), (Start: 70 @42801 has 1 MA's), (78, 42756), (81, 42741), (86, 42720), (90, 42675), (91, 42672), (92, 42666), (93, 42663), (110, 42579), (116, 42543), (121, 42522), (129, 42477), (140, 42405), (143, 42387), (151, 42306), (158, 42267), (159, 42264), (189, 42132),

Gene: Deloris_68 Start: 42371, Stop: 41565, Start Num: 52

Candidate Starts for Deloris_68:

(Start: 52 @42371 has 49 MA's), (Start: 62 @42311 has 31 MA's), (Start: 66 @42293 has 1 MA's), (78, 42218), (81, 42203), (84, 42191), (91, 42134), (99, 42089), (101, 42080), (129, 41939), (140, 41864), (143, 41846), (145, 41822), (151, 41765), (157, 41735), (158, 41726), (164, 41705), (175, 41663), (189, 41591),

Gene: Dennebes_66 Start: 32652, Stop: 31798, Start Num: 51

Candidate Starts for Dennebes_66:

(Start: 51 @32652 has 57 MA's), (Start: 70 @32544 has 1 MA's), (Start: 72 @32538 has 33 MA's), (75, 32514), (77, 32502), (78, 32499), (83, 32478), (88, 32424), (92, 32403), (100, 32361), (118, 32274), (125, 32244), (132, 32202), (140, 32154), (142, 32139), (143, 32136), (154, 32046), (174, 31968), (180, 31935), (185, 31914), (197, 31863), (202, 31839), (204, 31821),

Gene: Destructrice_62 Start: 32650, Stop: 31796, Start Num: 51

Candidate Starts for Destructrice_62:

(Start: 51 @32650 has 57 MA's), (Start: 72 @32536 has 33 MA's), (75, 32512), (76, 32503), (77, 32500), (78, 32497), (80, 32485), (83, 32476), (88, 32422), (92, 32401), (100, 32359), (118, 32272), (125, 32242), (132, 32200), (140, 32152), (142, 32137), (143, 32134), (154, 32044), (165, 32005), (174, 31966), (180, 31933), (185, 31912),

Gene: Dexers_35 Start: 27880, Stop: 28767, Start Num: 55

Candidate Starts for Dexers_35:

(27, 27811), (Start: 55 @27880 has 570 MA's), (Start: 72 @28000 has 33 MA's), (80, 28051), (83, 28060), (87, 28093), (92, 28129), (97, 28153), (99, 28168), (127, 28315), (129, 28321), (132, 28336), (137, 28375), (140, 28384), (153, 28504), (164, 28546), (176, 28600), (184, 28636), (185, 28639), (188, 28657), (194, 28684),

Gene: Dexes_63 Start: 42717, Stop: 41896, Start Num: 53

Candidate Starts for Dexes_63:

(Start: 53 @42717 has 118 MA's), (Start: 57 @42705 has 99 MA's), (92, 42474), (95, 42462), (99, 42435), (102, 42420), (103, 42408), (104, 42405), (129, 42267), (140, 42189), (148, 42138), (162, 42039), (173, 41997), (175, 41988), (189, 41916),

Gene: Dhanush_64 Start: 41887, Stop: 41081, Start Num: 55

Candidate Starts for Dhanush_64:

(Start: 39 @41932 has 1 MA's), (Start: 55 @41887 has 570 MA's), (Start: 57 @41875 has 99 MA's), (Start: 66 @41809 has 1 MA's), (78, 41734), (90, 41653), (96, 41626), (121, 41503), (128, 41461),

(129, 41458), (136, 41395), (139, 41386), (140, 41383), (143, 41365), (148, 41332), (151, 41284), (160, 41239), (162, 41233), (164, 41224), (177, 41161), (189, 41110),

Gene: Diane_35 Start: 27085, Stop: 27969, Start Num: 55

Candidate Starts for Diane_35:

(Start: 55 @27085 has 570 MA's), (Start: 67 @27172 has 12 MA's), (68, 27178), (Start: 72 @27205 has 33 MA's), (80, 27256), (83, 27265), (87, 27298), (92, 27334), (94, 27343), (97, 27358), (99, 27373), (129, 27526), (132, 27541), (137, 27580), (139, 27586), (140, 27589), (164, 27751), (173, 27784), (176, 27805), (185, 27844), (205, 27940), (209, 27952), (211, 27958),

Gene: Dieselweasel_70 Start: 42006, Stop: 41197, Start Num: 55

Candidate Starts for Dieselweasel_70:

(Start: 55 @42006 has 570 MA's), (58, 41985), (Start: 65 @41934 has 2 MA's), (96, 41745), (99, 41724), (121, 41622), (122, 41619), (128, 41580), (131, 41565), (140, 41505), (143, 41487), (145, 41463), (157, 41376), (158, 41367), (175, 41304), (189, 41232),

Gene: Dignity_70 Start: 43025, Stop: 42219, Start Num: 52

Candidate Starts for Dignity_70:

(Start: 52 @43025 has 49 MA's), (Start: 62 @42965 has 31 MA's), (Start: 66 @42947 has 1 MA's), (78, 42872), (84, 42845), (91, 42788), (99, 42743), (101, 42734), (121, 42638), (140, 42518), (143, 42500), (145, 42476), (151, 42419), (157, 42389), (158, 42380), (159, 42377), (164, 42359), (189, 42245),

Gene: Dinger_52 Start: 38160, Stop: 37279, Start Num: 55

Candidate Starts for Dinger_52:

(Start: 55 @38160 has 570 MA's), (Start: 59 @38133 has 2 MA's), (Start: 72 @38046 has 33 MA's), (79, 38004), (86, 37971), (96, 37899), (108, 37842), (129, 37731), (133, 37710), (134, 37707), (140, 37659), (143, 37641), (145, 37617), (146, 37614), (152, 37551), (157, 37530), (158, 37521), (175, 37458), (189, 37386),

Gene: DirtyDunning_63 Start: 41899, Stop: 41093, Start Num: 55

Candidate Starts for DirtyDunning_63:

(Start: 39 @41944 has 1 MA's), (Start: 55 @41899 has 570 MA's), (Start: 57 @41887 has 99 MA's), (Start: 66 @41821 has 1 MA's), (78, 41746), (90, 41665), (96, 41638), (121, 41515), (128, 41473), (129, 41470), (136, 41407), (139, 41398), (140, 41395), (143, 41377), (151, 41296), (160, 41251), (162, 41245), (164, 41236), (177, 41173), (189, 41122),

Gene: Discoknowium_62 Start: 41086, Stop: 40280, Start Num: 55

Candidate Starts for Discoknowium_62:

(Start: 55 @41086 has 570 MA's), (Start: 62 @41026 has 31 MA's), (Start: 65 @41014 has 2 MA's), (84, 40906), (91, 40849), (95, 40831), (96, 40825), (111, 40750), (112, 40747), (139, 40579), (140, 40576), (143, 40558), (145, 40534), (149, 40516), (157, 40447), (158, 40438), (159, 40435), (175, 40375), (189, 40303),

Gene: Dixon_76 Start: 42945, Stop: 42145, Start Num: 55

Candidate Starts for Dixon_76:

(34, 43002), (42, 42984), (48, 42960), (Start: 55 @42945 has 570 MA's), (Start: 62 @42885 has 31 MA's), (Start: 72 @42831 has 33 MA's), (81, 42777), (96, 42684), (107, 42627), (112, 42606), (129, 42513), (139, 42444), (140, 42441), (143, 42423), (149, 42381), (151, 42342), (158, 42303), (159, 42300), (162, 42291), (173, 42249), (175, 42240), (181, 42204), (189, 42168), (192, 42150),

Gene: DontArgue_60 Start: 40053, Stop: 39256, Start Num: 55

Candidate Starts for DontArgue_60:

(Start: 55 @40053 has 570 MA's), (Start: 57 @40041 has 99 MA's), (Start: 62 @39993 has 31 MA's), (Start: 66 @39975 has 1 MA's), (78, 39900), (84, 39873), (90, 39819), (109, 39732), (121, 39669), (128, 39627), (129, 39624), (140, 39552), (143, 39534), (159, 39411), (175, 39351), (177, 39330), (189, 39279),

Gene: Doom_61 Start: 42476, Stop: 41667, Start Num: 57

Candidate Starts for Doom_61:

(Start: 45 @42515 has 15 MA's), (Start: 57 @42476 has 99 MA's), (92, 42245), (95, 42233), (102, 42191), (103, 42179), (129, 42038), (140, 41960), (162, 41810), (189, 41687),

Gene: Dorothea_70 Start: 41041, Stop: 40235, Start Num: 55

Candidate Starts for Dorothea_70:

(38, 41092), (41, 41083), (Start: 55 @41041 has 570 MA's), (Start: 62 @40981 has 31 MA's), (Start: 73 @40924 has 2 MA's), (91, 40804), (129, 40609), (140, 40534), (143, 40516), (145, 40492), (157, 40405), (158, 40396), (159, 40393), (185, 40282), (189, 40261),

Gene: DrFeelGood_61 Start: 41251, Stop: 40430, Start Num: 53

Candidate Starts for DrFeelGood_61:

(Start: 53 @41251 has 118 MA's), (Start: 57 @41239 has 99 MA's), (92, 41008), (95, 40996), (102, 40954), (103, 40942), (129, 40801), (140, 40723), (162, 40573), (173, 40531), (175, 40522), (189, 40450),

Gene: DrParker_33 Start: 22844, Stop: 21891, Start Num: 55

Candidate Starts for DrParker_33:

(Start: 55 @22844 has 570 MA's), (68, 22748), (Start: 70 @22727 has 1 MA's), (Start: 72 @22721 has 33 MA's), (79, 22679), (82, 22664), (87, 22628), (120, 22454), (123, 22436), (125, 22430), (132, 22388), (140, 22340), (163, 22193), (206, 22007), (212, 21899),

Gene: Drake55_70 Start: 42740, Stop: 41934, Start Num: 51

Candidate Starts for Drake55_70:

(Start: 51 @42740 has 57 MA's), (78, 42587), (91, 42503), (129, 42308), (140, 42233), (143, 42215), (145, 42191), (151, 42134), (157, 42104), (158, 42095), (164, 42074), (189, 41960),

Gene: Drake94_60 Start: 40007, Stop: 39210, Start Num: 55

Candidate Starts for Drake94_60:

(Start: 55 @40007 has 570 MA's), (Start: 62 @39947 has 31 MA's), (Start: 66 @39929 has 1 MA's), (78, 39854), (84, 39827), (90, 39773), (109, 39686), (121, 39623), (129, 39578), (130, 39575), (140, 39506), (143, 39488), (159, 39365), (177, 39284), (185, 39254), (189, 39233),

Gene: DreamCatcher_66 Start: 42560, Stop: 41751, Start Num: 57

Candidate Starts for DreamCatcher_66:

(Start: 45 @42599 has 15 MA's), (Start: 57 @42560 has 99 MA's), (92, 42329), (95, 42317), (99, 42290), (102, 42275), (103, 42263), (129, 42122), (140, 42044), (162, 41894), (173, 41852), (175, 41843), (189, 41771),

Gene: DreamTeam1_66 Start: 41227, Stop: 40418, Start Num: 55

Candidate Starts for DreamTeam1_66:

(Start: 55 @41227 has 570 MA's), (84, 41047), (89, 41002), (91, 40990), (95, 40972), (99, 40945), (117, 40855), (127, 40801), (129, 40795), (140, 40720), (143, 40702), (145, 40678), (151, 40621), (158, 40582), (189, 40444),

Gene: Dreamboat_64 Start: 41255, Stop: 40434, Start Num: 53

Candidate Starts for Dreamboat_64:

(Start: 53 @41255 has 118 MA's), (Start: 57 @41243 has 99 MA's), (92, 41012), (95, 41000), (102, 40958), (103, 40946), (129, 40805), (140, 40727), (148, 40676), (162, 40577), (173, 40535), (175, 40526), (189, 40454),

Gene: DroogsArmy_63 Start: 44891, Stop: 44076, Start Num: 46

Candidate Starts for DroogsArmy_63:

(Start: 46 @44891 has 1 MA's), (Start: 49 @44873 has 3 MA's), (Start: 59 @44846 has 2 MA's), (Start: 62 @44813 has 31 MA's), (Start: 65 @44801 has 2 MA's), (81, 44705), (90, 44639), (92, 44630), (99, 44591), (121, 44489), (125, 44471), (128, 44447), (129, 44444), (139, 44375), (140, 44372), (143, 44354), (151, 44273), (157, 44243), (159, 44231), (164, 44213), (175, 44171), (177, 44150), (183, 44126), (189, 44099),

Gene: DropBear_64 Start: 41656, Stop: 40859, Start Num: 55

Candidate Starts for DropBear_64:

(Start: 55 @41656 has 570 MA's), (Start: 62 @41596 has 31 MA's), (78, 41503), (90, 41422), (96, 41395), (121, 41272), (128, 41230), (129, 41227), (136, 41167), (140, 41155), (143, 41137), (157, 41026), (159, 41014), (169, 40978), (175, 40954), (177, 40933), (189, 40882),

Gene: Druantia_63 Start: 41887, Stop: 41081, Start Num: 55

Candidate Starts for Druantia_63:

(Start: 39 @41932 has 1 MA's), (Start: 55 @41887 has 570 MA's), (Start: 57 @41875 has 99 MA's), (Start: 66 @41809 has 1 MA's), (78, 41734), (90, 41653), (96, 41626), (121, 41503), (128, 41461), (129, 41458), (136, 41395), (139, 41386), (140, 41383), (143, 41365), (151, 41284), (160, 41239), (162, 41233), (164, 41224), (177, 41161), (189, 41110),

Gene: Dublin_62 Start: 41126, Stop: 40320, Start Num: 55

Candidate Starts for Dublin_62:

(28, 41201), (Start: 55 @41126 has 570 MA's), (Start: 62 @41066 has 31 MA's), (Start: 65 @41054 has 2 MA's), (84, 40946), (91, 40889), (95, 40871), (96, 40865), (111, 40790), (112, 40787), (129, 40694), (140, 40616), (143, 40598), (149, 40556), (157, 40487), (158, 40478), (159, 40475), (175, 40415), (189, 40343),

Gene: DudeLittle_67 Start: 42569, Stop: 41763, Start Num: 52

Candidate Starts for DudeLittle_67:

(Start: 52 @42569 has 49 MA's), (Start: 62 @42509 has 31 MA's), (Start: 66 @42491 has 1 MA's), (78, 42416), (84, 42389), (91, 42332), (99, 42287), (101, 42278), (130, 42134), (140, 42062), (143, 42044), (145, 42020), (151, 41963), (157, 41933), (158, 41924), (159, 41921), (164, 41903), (189, 41789),

Gene: Dulcie_64 Start: 43885, Stop: 43076, Start Num: 57

Candidate Starts for Dulcie_64:

(Start: 45 @43924 has 15 MA's), (Start: 57 @43885 has 99 MA's), (92, 43654), (95, 43642), (99, 43615), (102, 43600), (103, 43588), (121, 43492), (129, 43447), (140, 43369), (148, 43318), (162, 43219), (173, 43177), (174, 43171), (189, 43096),

Gene: Duplo_70 Start: 42665, Stop: 41919, Start Num: 62

Candidate Starts for Duplo_70:

(Start: 62 @42665 has 31 MA's), (79, 42569), (117, 42353), (129, 42293), (130, 42290), (140, 42218), (143, 42200), (145, 42176), (151, 42119), (157, 42089), (158, 42080), (189, 41945),

Gene: Dussy_63 Start: 42510, Stop: 41689, Start Num: 53

Candidate Starts for Dussy_63:

(Start: 53 @42510 has 118 MA's), (Start: 57 @42498 has 99 MA's), (92, 42267), (95, 42255), (102, 42213), (103, 42201), (129, 42060), (138, 41988), (140, 41982), (162, 41832), (173, 41790), (175,

41781), (189, 41709),

Gene: DustyMartin_65 Start: 41034, Stop: 40237, Start Num: 55

Candidate Starts for DustyMartin_65:

(Start: 55 @41034 has 570 MA's), (Start: 57 @41022 has 99 MA's), (Start: 62 @40974 has 31 MA's), (Start: 66 @40956 has 1 MA's), (Start: 71 @40923 has 1 MA's), (78, 40881), (84, 40854), (90, 40800), (96, 40773), (109, 40713), (121, 40650), (125, 40632), (128, 40608), (129, 40605), (139, 40536), (140, 40533), (143, 40515), (159, 40392), (175, 40332), (177, 40311), (181, 40296), (183, 40287), (189, 40260),

Gene: Dwayne_35 Start: 26472, Stop: 27347, Start Num: 55

Candidate Starts for Dwayne_35:

(8, 26232), (11, 26280), (27, 26397), (Start: 55 @26472 has 570 MA's), (Start: 72 @26592 has 33 MA's), (83, 26652), (86, 26667), (87, 26685), (92, 26721), (97, 26745), (99, 26760), (119, 26856), (127, 26907), (129, 26913), (132, 26928), (137, 26967), (139, 26973), (140, 26976), (145, 27018), (175, 27180), (176, 27192), (188, 27249), (207, 27330), (208, 27333),

Gene: Dynamix_65 Start: 41484, Stop: 40675, Start Num: 57

Candidate Starts for Dynamix_65:

(Start: 45 @41523 has 15 MA's), (Start: 57 @41484 has 99 MA's), (92, 41253), (95, 41241), (99, 41214), (102, 41199), (103, 41187), (129, 41046), (139, 40971), (140, 40968), (162, 40818), (173, 40776), (174, 40770), (189, 40695),

Gene: ELB20_34 Start: 27587, Stop: 28342, Start Num: 72

Candidate Starts for ELB20_34:

(27, 27392), (31, 27401), (Start: 55 @27467 has 570 MA's), (Start: 67 @27554 has 12 MA's), (68, 27560), (Start: 72 @27587 has 33 MA's), (82, 27644), (83, 27647), (84, 27653), (87, 27680), (92, 27716), (97, 27740), (99, 27755), (126, 27890), (127, 27902), (129, 27908), (130, 27911), (132, 27923), (137, 27962), (140, 27971), (170, 28154), (173, 28166), (175, 28175), (176, 28187), (185, 28226), (201, 28292), (207, 28325), (210, 28328),

Gene: EZMoney23_65 Start: 42408, Stop: 41602, Start Num: 51

Candidate Starts for EZMoney23_65:

(Start: 51 @42408 has 57 MA's), (78, 42255), (91, 42171), (105, 42099), (117, 42036), (130, 41973), (140, 41901), (143, 41883), (145, 41859), (157, 41772), (158, 41763), (160, 41757), (164, 41742), (189, 41628),

Gene: Eagle_63 Start: 41918, Stop: 41112, Start Num: 55

Candidate Starts for Eagle_63:

(Start: 39 @41963 has 1 MA's), (Start: 55 @41918 has 570 MA's), (Start: 57 @41906 has 99 MA's), (Start: 66 @41840 has 1 MA's), (78, 41765), (90, 41684), (96, 41657), (121, 41534), (128, 41492), (129, 41489), (136, 41426), (139, 41417), (140, 41414), (143, 41396), (148, 41363), (151, 41315), (160, 41270), (162, 41264), (164, 41255), (177, 41192), (189, 41141),

Gene: EagleEye_73 Start: 42685, Stop: 41930, Start Num: 62

Candidate Starts for EagleEye_73:

(Start: 62 @42685 has 31 MA's), (68, 42658), (Start: 70 @42637 has 1 MA's), (Start: 71 @42634 has 1 MA's), (84, 42565), (91, 42508), (117, 42373), (121, 42358), (128, 42316), (129, 42313), (133, 42292), (140, 42238), (143, 42220), (145, 42196), (151, 42139), (157, 42109), (158, 42100), (164, 42079), (189, 41965),

Gene: Eaglepride_64 Start: 41033, Stop: 40233, Start Num: 55

Candidate Starts for Eaglepride_64:

(Start: 55 @41033 has 570 MA's), (Start: 62 @40973 has 31 MA's), (Start: 66 @40955 has 1 MA's), (84, 40853), (89, 40808), (96, 40772), (121, 40649), (128, 40607), (140, 40529), (143, 40511), (159, 40388), (171, 40346), (175, 40328), (176, 40316), (181, 40292), (185, 40277), (189, 40256),

Gene: Eapen_64 Start: 41879, Stop: 41073, Start Num: 55

Candidate Starts for Eapen_64:

(Start: 39 @41924 has 1 MA's), (Start: 55 @41879 has 570 MA's), (Start: 57 @41867 has 99 MA's), (Start: 66 @41801 has 1 MA's), (78, 41726), (90, 41645), (96, 41618), (121, 41495), (128, 41453), (129, 41450), (136, 41387), (139, 41378), (140, 41375), (143, 41357), (148, 41324), (151, 41276), (160, 41231), (162, 41225), (164, 41216), (177, 41153), (189, 41102),

Gene: Ebony_67 Start: 41070, Stop: 40273, Start Num: 55

Candidate Starts for Ebony_67:

(Start: 55 @41070 has 570 MA's), (Start: 71 @40965 has 1 MA's), (Start: 72 @40962 has 33 MA's), (91, 40839), (116, 40713), (129, 40647), (140, 40572), (143, 40554), (145, 40530), (151, 40473), (158, 40434), (159, 40431), (162, 40422), (171, 40389), (183, 40326), (189, 40299),

Gene: Echild_68 Start: 41980, Stop: 41174, Start Num: 52

Candidate Starts for Echild_68:

(Start: 52 @41980 has 49 MA's), (Start: 62 @41920 has 31 MA's), (Start: 66 @41902 has 1 MA's), (78, 41827), (84, 41800), (91, 41743), (99, 41698), (101, 41689), (130, 41545), (140, 41473), (143, 41455), (145, 41431), (151, 41374), (157, 41344), (158, 41335), (159, 41332), (164, 41314), (189, 41200),

Gene: Eddasa_36 Start: 26587, Stop: 27342, Start Num: 72

Candidate Starts for Eddasa_36:

(4, 26092), (31, 26401), (Start: 55 @26467 has 570 MA's), (Start: 72 @26587 has 33 MA's), (83, 26647), (87, 26680), (92, 26716), (97, 26740), (99, 26755), (119, 26851), (127, 26902), (129, 26908), (132, 26923), (137, 26962), (140, 26971), (175, 27175), (176, 27187), (188, 27244), (207, 27325), (208, 27328),

Gene: Edison31_59 Start: 40798, Stop: 40001, Start Num: 55

Candidate Starts for Edison31_59:

(Start: 55 @40798 has 570 MA's), (Start: 57 @40786 has 99 MA's), (Start: 62 @40738 has 31 MA's), (Start: 66 @40720 has 1 MA's), (Start: 71 @40687 has 1 MA's), (78, 40645), (84, 40618), (90, 40564), (109, 40477), (121, 40414), (125, 40396), (128, 40372), (129, 40369), (139, 40300), (140, 40297), (143, 40279), (159, 40156), (162, 40147), (175, 40096), (177, 40075), (181, 40060), (183, 40051), (189, 40024),

Gene: EdogawaKiddo_69 Start: 42221, Stop: 41412, Start Num: 55

Candidate Starts for EdogawaKiddo_69:

(Start: 55 @42221 has 570 MA's), (84, 42041), (89, 41996), (91, 41984), (95, 41966), (117, 41849), (129, 41789), (140, 41714), (143, 41696), (145, 41672), (151, 41615), (157, 41585), (158, 41576), (186, 41450), (189, 41438),

Gene: Edtherson_62 Start: 42470, Stop: 41661, Start Num: 57

Candidate Starts for Edtherson_62:

(Start: 45 @42509 has 15 MA's), (Start: 57 @42470 has 99 MA's), (92, 42239), (95, 42227), (99, 42200), (102, 42185), (103, 42173), (129, 42032), (140, 41954), (162, 41804), (173, 41762), (175, 41753), (189, 41681),

Gene: Eidsmoe_69 Start: 41922, Stop: 41113, Start Num: 55

Candidate Starts for Eidsmoe_69:

(Start: 55 @41922 has 570 MA's), (84, 41742), (91, 41685), (95, 41667), (117, 41550), (129, 41490), (140, 41415), (143, 41397), (145, 41373), (151, 41316), (157, 41286), (158, 41277), (186, 41151), (189, 41139),

Gene: Ejemplo_34 Start: 26491, Stop: 27288, Start Num: 65

Candidate Starts for Ejemplo_34:

(8, 26173), (11, 26221), (27, 26338), (Start: 55 @26413 has 570 MA's), (Start: 65 @26491 has 2 MA's), (Start: 72 @26533 has 33 MA's), (83, 26593), (87, 26626), (92, 26662), (97, 26686), (99, 26701), (127, 26848), (129, 26854), (132, 26869), (137, 26908), (140, 26917), (143, 26935), (145, 26959), (148, 26968), (175, 27121), (176, 27133), (188, 27190), (207, 27271), (208, 27274),

Gene: ElGato_37 Start: 27516, Stop: 28403, Start Num: 55

Candidate Starts for ElGato_37:

(27, 27447), (Start: 55 @27516 has 570 MA's), (Start: 72 @27636 has 33 MA's), (80, 27687), (83, 27696), (87, 27729), (92, 27765), (97, 27789), (99, 27804), (127, 27951), (129, 27957), (132, 27972), (137, 28011), (140, 28020), (153, 28140), (164, 28182), (176, 28236), (184, 28272), (185, 28275), (188, 28293), (194, 28320),

Gene: ElTiger69_68 Start: 42207, Stop: 41401, Start Num: 55

Candidate Starts for ElTiger69_68:

(28, 42282), (Start: 55 @42207 has 570 MA's), (60, 42156), (Start: 62 @42147 has 31 MA's), (91, 41970), (96, 41946), (111, 41871), (112, 41868), (139, 41700), (140, 41697), (143, 41679), (145, 41655), (148, 41646), (149, 41637), (157, 41568), (158, 41559), (159, 41556), (175, 41496), (181, 41460), (189, 41424), (191, 41415),

Gene: Elephantoon_70 Start: 41754, Stop: 40942, Start Num: 55

Candidate Starts for Elephantoon_70:

(Start: 55 @41754 has 570 MA's), (84, 41574), (91, 41517), (92, 41511), (95, 41499), (101, 41463), (117, 41382), (122, 41364), (129, 41322), (140, 41247), (143, 41229), (145, 41205), (148, 41196), (151, 41148), (157, 41118), (158, 41109), (186, 40983), (189, 40971),

Gene: Elle_73 Start: 42179, Stop: 41382, Start Num: 55

Candidate Starts for Elle_73:

(Start: 55 @42179 has 570 MA's), (60, 42128), (Start: 70 @42071 has 1 MA's), (84, 41999), (86, 41990), (91, 41942), (93, 41933), (105, 41873), (140, 41678), (143, 41660), (145, 41636), (148, 41627), (152, 41570), (157, 41549), (158, 41540), (164, 41519), (189, 41405),

Gene: Emaanora_38 Start: 26430, Stop: 27305, Start Num: 55

Candidate Starts for Emaanora_38:

(8, 26190), (11, 26238), (27, 26355), (Start: 55 @26430 has 570 MA's), (Start: 72 @26550 has 33 MA's), (83, 26610), (86, 26625), (87, 26643), (92, 26679), (97, 26703), (99, 26718), (119, 26814), (127, 26865), (129, 26871), (132, 26886), (137, 26925), (139, 26931), (140, 26934), (145, 26976), (175, 27138), (176, 27150), (188, 27207), (207, 27288), (208, 27291),

Gene: EmyBug_68 Start: 41924, Stop: 41115, Start Num: 55

Candidate Starts for EmyBug_68:

(Start: 55 @41924 has 570 MA's), (84, 41744), (91, 41687), (95, 41669), (117, 41552), (129, 41492), (140, 41417), (143, 41399), (145, 41375), (151, 41318), (157, 41288), (158, 41279), (186, 41153), (189, 41141),

Gene: EnochSoames_38 Start: 26582, Stop: 27337, Start Num: 72

Candidate Starts for EnochSoames_38:

(31, 26396), (Start: 55 @26462 has 570 MA's), (Start: 72 @26582 has 33 MA's), (83, 26642), (87, 26675), (92, 26711), (97, 26735), (99, 26750), (119, 26846), (127, 26897), (129, 26903), (132, 26918), (137, 26957), (140, 26966), (175, 27170), (176, 27182), (188, 27239), (208, 27323),

Gene: Enochoraptor_32 Start: 22763, Stop: 21900, Start Num: 55

Candidate Starts for Enochoraptor_32:

(Start: 55 @22763 has 570 MA's), (68, 22667), (Start: 70 @22646 has 1 MA's), (Start: 71 @22643 has 1 MA's), (Start: 72 @22640 has 33 MA's), (79, 22598), (82, 22583), (87, 22547), (120, 22373), (123, 22355), (125, 22349), (132, 22307), (140, 22259), (143, 22241), (166, 22100), (206, 21926),

Gene: Enoki_33 Start: 22774, Stop: 21821, Start Num: 55

Candidate Starts for Enoki_33:

(Start: 55 @22774 has 570 MA's), (68, 22678), (Start: 71 @22654 has 1 MA's), (Start: 72 @22651 has 33 MA's), (79, 22609), (82, 22594), (87, 22558), (120, 22384), (123, 22366), (125, 22360), (132, 22318), (140, 22270), (163, 22123), (166, 22111), (206, 21937), (212, 21829),

Gene: EnzoK_63 Start: 39457, Stop: 38636, Start Num: 53

Candidate Starts for EnzoK_63:

(Start: 53 @39457 has 118 MA's), (Start: 57 @39445 has 99 MA's), (92, 39214), (95, 39202), (99, 39175), (102, 39160), (103, 39148), (129, 39007), (140, 38929), (162, 38779), (173, 38737), (174, 38731), (189, 38656),

Gene: EpicPhail_70 Start: 42007, Stop: 41198, Start Num: 55

Candidate Starts for EpicPhail_70:

(Start: 55 @42007 has 570 MA's), (58, 41986), (Start: 65 @41935 has 2 MA's), (96, 41746), (99, 41725), (121, 41623), (122, 41620), (128, 41581), (131, 41566), (140, 41506), (143, 41488), (145, 41464), (157, 41377), (158, 41368), (175, 41305), (189, 41233),

Gene: Epsocamisio_73 Start: 42077, Stop: 41247, Start Num: 45

Candidate Starts for Epsocamisio_73:

(Start: 45 @42077 has 15 MA's), (Start: 61 @41990 has 6 MA's), (68, 41960), (Start: 70 @41939 has 1 MA's), (78, 41894), (81, 41879), (86, 41858), (90, 41813), (91, 41810), (92, 41804), (93, 41801), (110, 41717), (116, 41681), (121, 41660), (129, 41615), (140, 41543), (143, 41525), (151, 41444), (158, 41405), (159, 41402), (189, 41270),

Gene: Equemioh13_68 Start: 42544, Stop: 41738, Start Num: 51

Candidate Starts for Equemioh13_68:

(Start: 51 @42544 has 57 MA's), (Start: 62 @42484 has 31 MA's), (91, 42307), (129, 42112), (140, 42037), (143, 42019), (145, 41995), (151, 41938), (157, 41908), (158, 41899), (164, 41878), (189, 41764),

Gene: EricB_69 Start: 41061, Stop: 40255, Start Num: 55

Candidate Starts for EricB_69:

(26, 41142), (Start: 55 @41061 has 570 MA's), (91, 40824), (129, 40629), (140, 40554), (143, 40536), (145, 40512), (157, 40425), (158, 40416), (159, 40413), (185, 40302), (189, 40281),

Gene: Erik_53 Start: 37950, Stop: 37069, Start Num: 55

Candidate Starts for Erik_53:

(Start: 55 @37950 has 570 MA's), (Start: 59 @37923 has 2 MA's), (Start: 72 @37836 has 33 MA's), (79, 37794), (86, 37761), (96, 37689), (108, 37632), (129, 37521), (133, 37500), (134, 37497), (140, 37449), (143, 37431), (145, 37407), (146, 37404), (152, 37341), (158, 37311), (175, 37248), (189, 37176),

Gene: Eris_63 Start: 41899, Stop: 41093, Start Num: 55

Candidate Starts for Eris_63:

(Start: 39 @41944 has 1 MA's), (Start: 55 @41899 has 570 MA's), (Start: 57 @41887 has 99 MA's), (Start: 66 @41821 has 1 MA's), (78, 41746), (90, 41665), (96, 41638), (121, 41515), (128, 41473), (129, 41470), (136, 41407), (139, 41398), (140, 41395), (143, 41377), (148, 41344), (151, 41296), (160, 41251), (162, 41245), (164, 41236), (177, 41173), (189, 41122),

Gene: Eros_64 Start: 41886, Stop: 41080, Start Num: 55

Candidate Starts for Eros_64:

(Start: 39 @41931 has 1 MA's), (Start: 55 @41886 has 570 MA's), (Start: 57 @41874 has 99 MA's), (Start: 66 @41808 has 1 MA's), (78, 41733), (90, 41652), (96, 41625), (121, 41502), (128, 41460), (129, 41457), (136, 41394), (139, 41385), (140, 41382), (143, 41364), (148, 41331), (151, 41283), (160, 41238), (162, 41232), (164, 41223), (177, 41160), (189, 41109),

Gene: Esperer_35 Start: 26049, Stop: 26804, Start Num: 72

Candidate Starts for Esperer_35:

(4, 25554), (31, 25863), (Start: 55 @25929 has 570 MA's), (Start: 72 @26049 has 33 MA's), (83, 26109), (87, 26142), (92, 26178), (97, 26202), (99, 26217), (119, 26313), (127, 26364), (129, 26370), (132, 26385), (137, 26424), (140, 26433), (153, 26553), (175, 26637), (176, 26649), (188, 26706), (207, 26787), (208, 26790),

Gene: Espica_53 Start: 37960, Stop: 37079, Start Num: 55

Candidate Starts for Espica_53:

(Start: 55 @37960 has 570 MA's), (Start: 59 @37933 has 2 MA's), (Start: 72 @37846 has 33 MA's), (79, 37804), (86, 37771), (96, 37699), (108, 37642), (129, 37531), (133, 37510), (134, 37507), (140, 37459), (143, 37441), (145, 37417), (146, 37414), (152, 37351), (158, 37321), (175, 37258), (189, 37186),

Gene: Espresso_60 Start: 41929, Stop: 41108, Start Num: 53

Candidate Starts for Espresso_60:

(Start: 53 @41929 has 118 MA's), (Start: 57 @41917 has 99 MA's), (92, 41686), (95, 41674), (102, 41632), (103, 41620), (129, 41479), (140, 41401), (173, 41209), (189, 41128),

Gene: Et2Brutus_66 Start: 41033, Stop: 40236, Start Num: 55

Candidate Starts for Et2Brutus_66:

(Start: 55 @41033 has 570 MA's), (Start: 71 @40928 has 1 MA's), (Start: 72 @40925 has 33 MA's), (91, 40802), (116, 40676), (129, 40610), (140, 40535), (143, 40517), (145, 40493), (151, 40436), (158, 40397), (159, 40394), (162, 40385), (171, 40352), (183, 40289), (189, 40262),

Gene: EtoileNova_64 Start: 41708, Stop: 40911, Start Num: 55

Candidate Starts for EtoileNova_64:

(Start: 55 @41708 has 570 MA's), (Start: 62 @41648 has 31 MA's), (78, 41555), (90, 41474), (96, 41447), (121, 41324), (128, 41282), (129, 41279), (140, 41207), (143, 41189), (157, 41078), (159, 41066), (162, 41057), (164, 41048), (169, 41030), (175, 41006), (177, 40985), (181, 40970), (189, 40934),

Gene: Euphoria_61 Start: 41639, Stop: 40818, Start Num: 53

Candidate Starts for Euphoria_61:

(17, 41771), (Start: 53 @41639 has 118 MA's), (Start: 57 @41627 has 99 MA's), (92, 41396), (95, 41384), (102, 41342), (103, 41330), (129, 41189), (140, 41111), (162, 40961), (173, 40919), (175, 40910), (189, 40838),

Gene: Eurydice_65 Start: 41893, Stop: 41087, Start Num: 55

Candidate Starts for Eurydice_65:

(Start: 55 @41893 has 570 MA's), (Start: 57 @41881 has 99 MA's), (Start: 66 @41815 has 1 MA's), (78, 41740), (90, 41659), (96, 41632), (121, 41509), (128, 41467), (129, 41464), (136, 41401), (139, 41392), (140, 41389), (143, 41371), (148, 41338), (151, 41290), (160, 41245), (162, 41239), (164, 41230), (177, 41167), (189, 41116),

Gene: EvilGenius_69 Start: 44219, Stop: 43413, Start Num: 52

Candidate Starts for EvilGenius_69:

(Start: 52 @44219 has 49 MA's), (Start: 62 @44159 has 31 MA's), (Start: 66 @44141 has 1 MA's), (78, 44066), (84, 44039), (91, 43982), (99, 43937), (101, 43928), (130, 43784), (140, 43712), (143, 43694), (145, 43670), (151, 43613), (157, 43583), (158, 43574), (164, 43553), (189, 43439),

Gene: Expelliarmus_74 Start: 43159, Stop: 42359, Start Num: 55

Candidate Starts for Expelliarmus_74:

(34, 43216), (42, 43198), (48, 43174), (Start: 55 @43159 has 570 MA's), (Start: 62 @43099 has 31 MA's), (Start: 72 @43045 has 33 MA's), (81, 42991), (84, 42979), (96, 42898), (107, 42841), (112, 42820), (129, 42727), (139, 42658), (140, 42655), (143, 42637), (151, 42556), (158, 42517), (159, 42514), (162, 42505), (173, 42463), (175, 42454), (181, 42418), (189, 42382), (191, 42373),

Gene: ExplosioNervosa_69 Start: 41990, Stop: 41181, Start Num: 55

Candidate Starts for ExplosioNervosa_69:

(Start: 55 @41990 has 570 MA's), (84, 41810), (91, 41753), (95, 41735), (117, 41618), (129, 41558), (140, 41483), (143, 41465), (145, 41441), (151, 41384), (157, 41354), (158, 41345), (186, 41219), (189, 41207),

Gene: Eyeball_65 Start: 42975, Stop: 42166, Start Num: 57

Candidate Starts for Eyeball_65:

(Start: 57 @42975 has 99 MA's), (92, 42744), (95, 42732), (99, 42705), (102, 42690), (103, 42678), (129, 42537), (140, 42459), (173, 42267), (189, 42186),

Gene: Fabian_57 Start: 31992, Stop: 31138, Start Num: 51

Candidate Starts for Fabian_57:

(Start: 51 @31992 has 57 MA's), (Start: 70 @31884 has 1 MA's), (Start: 72 @31878 has 33 MA's), (75, 31854), (76, 31845), (77, 31842), (78, 31839), (80, 31827), (83, 31818), (86, 31797), (88, 31764), (92, 31743), (100, 31701), (118, 31614), (132, 31542), (140, 31494), (154, 31386), (173, 31314), (174, 31308), (175, 31305), (180, 31275), (185, 31254), (197, 31203), (200, 31185), (202, 31179),

Gene: Fajezeel_64 Start: 41691, Stop: 40882, Start Num: 57

Candidate Starts for Fajezeel_64:

(Start: 45 @41730 has 15 MA's), (Start: 57 @41691 has 99 MA's), (92, 41460), (95, 41448), (102, 41406), (103, 41394), (129, 41253), (140, 41175), (173, 40983), (189, 40902),

Gene: Fameo_68 Start: 42802, Stop: 41996, Start Num: 52

Candidate Starts for Fameo_68:

(Start: 52 @42802 has 49 MA's), (Start: 62 @42742 has 31 MA's), (Start: 66 @42724 has 1 MA's), (78, 42649), (91, 42565), (99, 42520), (101, 42511), (130, 42367), (140, 42295), (143, 42277), (145, 42253), (151, 42196), (157, 42166), (158, 42157), (159, 42154), (162, 42145), (164, 42136), (189, 42022),

Gene: Farber_69 Start: 41993, Stop: 41184, Start Num: 55

Candidate Starts for Farber_69:

(Start: 55 @41993 has 570 MA's), (58, 41972), (Start: 65 @41921 has 2 MA's), (96, 41732), (99, 41711), (121, 41609), (122, 41606), (128, 41567), (131, 41552), (140, 41492), (143, 41474), (145,

41450), (157, 41363), (158, 41354), (175, 41291), (189, 41219),

Gene: Fascinus_57 Start: 41489, Stop: 40668, Start Num: 53

Candidate Starts for Fascinus_57:

(Start: 53 @41489 has 118 MA's), (Start: 57 @41477 has 99 MA's), (92, 41246), (95, 41234), (99, 41207), (102, 41192), (103, 41180), (129, 41039), (140, 40961), (162, 40811), (173, 40769), (175, 40760), (189, 40688),

Gene: FatCactus_54 Start: 37787, Stop: 36984, Start Num: 55

Candidate Starts for FatCactus_54:

(Start: 55 @37787 has 570 MA's), (Start: 57 @37775 has 99 MA's), (Start: 62 @37727 has 31 MA's), (Start: 65 @37715 has 2 MA's), (84, 37607), (86, 37598), (90, 37553), (91, 37550), (96, 37526), (99, 37505), (105, 37481), (108, 37469), (121, 37406), (125, 37388), (128, 37364), (130, 37358), (139, 37289), (140, 37286), (143, 37268), (146, 37241), (149, 37226), (152, 37178), (159, 37145), (162, 37136), (189, 37013),

Gene: Fayely_69 Start: 41891, Stop: 41082, Start Num: 55

Candidate Starts for Fayely_69:

(Start: 55 @41891 has 570 MA's), (84, 41711), (91, 41654), (95, 41636), (117, 41519), (129, 41459), (140, 41384), (143, 41366), (145, 41342), (151, 41285), (157, 41255), (158, 41246), (186, 41120), (189, 41108),

Gene: Fenn_66 Start: 43580, Stop: 42759, Start Num: 54

Candidate Starts for Fenn_66:

(30, 43649), (Start: 54 @43580 has 2 MA's), (Start: 57 @43568 has 99 MA's), (92, 43337), (95, 43325), (99, 43298), (102, 43283), (103, 43271), (121, 43175), (129, 43130), (140, 43052), (162, 42902), (173, 42860), (175, 42851), (189, 42779),

Gene: Fernando_69 Start: 42003, Stop: 41194, Start Num: 55

Candidate Starts for Fernando_69:

(Start: 55 @42003 has 570 MA's), (58, 41982), (Start: 65 @41931 has 2 MA's), (96, 41742), (99, 41721), (121, 41619), (122, 41616), (128, 41577), (131, 41562), (140, 41502), (143, 41484), (145, 41460), (157, 41373), (158, 41364), (175, 41301), (189, 41229),

Gene: Fibonacci_67 Start: 41039, Stop: 40242, Start Num: 55

Candidate Starts for Fibonacci_67:

(Start: 55 @41039 has 570 MA's), (Start: 71 @40934 has 1 MA's), (Start: 72 @40931 has 33 MA's), (91, 40808), (116, 40682), (129, 40616), (140, 40541), (143, 40523), (145, 40499), (151, 40442), (158, 40403), (159, 40400), (162, 40391), (171, 40358), (183, 40295), (189, 40268),

Gene: FiringLine_68 Start: 42586, Stop: 41780, Start Num: 51

Candidate Starts for FiringLine_68:

(Start: 51 @42586 has 57 MA's), (Start: 62 @42526 has 31 MA's), (78, 42433), (84, 42406), (91, 42349), (117, 42214), (129, 42154), (140, 42079), (143, 42061), (157, 41950), (158, 41941), (164, 41920), (189, 41806),

Gene: First_0069 Start: 42598, Stop: 41792, Start Num: 52

Candidate Starts for First_0069:

(Start: 52 @42598 has 49 MA's), (Start: 62 @42538 has 31 MA's), (Start: 66 @42520 has 1 MA's), (78, 42445), (81, 42430), (91, 42361), (99, 42316), (101, 42307), (129, 42166), (140, 42091), (143, 42073), (145, 42049), (151, 41992), (157, 41962), (158, 41953), (164, 41932), (175, 41890), (189, 41818),

Gene: Flare16_68 Start: 42300, Stop: 41494, Start Num: 51

Candidate Starts for Flare16_68:

(Start: 51 @42300 has 57 MA's), (Start: 62 @42240 has 31 MA's), (91, 42063), (129, 41868), (140, 41793), (143, 41775), (145, 41751), (151, 41694), (157, 41664), (158, 41655), (164, 41634), (189, 41520),

Gene: Flaverint_68 Start: 41497, Stop: 40700, Start Num: 55

Candidate Starts for Flaverint_68:

(Start: 55 @41497 has 570 MA's), (Start: 71 @41392 has 1 MA's), (Start: 72 @41389 has 33 MA's), (91, 41266), (116, 41140), (129, 41074), (140, 40999), (143, 40981), (145, 40957), (151, 40900), (158, 40861), (159, 40858), (162, 40849), (171, 40816), (183, 40753), (189, 40726),

Gene: Florean_64 Start: 41883, Stop: 41077, Start Num: 55

Candidate Starts for Florean_64:

(Start: 39 @41928 has 1 MA's), (Start: 55 @41883 has 570 MA's), (Start: 57 @41871 has 99 MA's), (Start: 66 @41805 has 1 MA's), (78, 41730), (90, 41649), (96, 41622), (121, 41499), (128, 41457), (129, 41454), (136, 41391), (139, 41382), (140, 41379), (143, 41361), (151, 41280), (160, 41235), (162, 41229), (164, 41220), (177, 41157), (189, 41106),

Gene: Florence1_59 Start: 40681, Stop: 39875, Start Num: 55

Candidate Starts for Florence1_59:

(28, 40756), (40, 40723), (50, 40687), (Start: 55 @40681 has 570 MA's), (Start: 62 @40621 has 31 MA's), (86, 40492), (91, 40444), (95, 40426), (96, 40420), (111, 40345), (112, 40342), (129, 40249), (139, 40174), (140, 40171), (143, 40153), (145, 40129), (148, 40120), (149, 40111), (157, 40042), (158, 40033), (159, 40030), (175, 39970), (189, 39898),

Gene: Florence4_61 Start: 40681, Stop: 39875, Start Num: 55

Candidate Starts for Florence4_61:

(28, 40756), (40, 40723), (50, 40687), (Start: 55 @40681 has 570 MA's), (Start: 62 @40621 has 31 MA's), (86, 40492), (91, 40444), (95, 40426), (96, 40420), (111, 40345), (112, 40342), (129, 40249), (139, 40174), (140, 40171), (143, 40153), (145, 40129), (148, 40120), (149, 40111), (157, 40042), (158, 40033), (159, 40030), (175, 39970), (189, 39898),

Gene: FlowerPower_59 Start: 31992, Stop: 31138, Start Num: 51

Candidate Starts for FlowerPower_59:

(Start: 51 @31992 has 57 MA's), (Start: 70 @31884 has 1 MA's), (Start: 72 @31878 has 33 MA's), (75, 31854), (76, 31845), (77, 31842), (78, 31839), (80, 31827), (83, 31818), (86, 31797), (88, 31764), (92, 31743), (100, 31701), (118, 31614), (132, 31542), (140, 31494), (154, 31386), (173, 31314), (174, 31308), (175, 31305), (180, 31275), (185, 31254), (197, 31203), (200, 31185), (202, 31179),

Gene: Flux_64 Start: 41883, Stop: 41077, Start Num: 55

Candidate Starts for Flux_64:

(Start: 39 @41928 has 1 MA's), (Start: 55 @41883 has 570 MA's), (Start: 57 @41871 has 99 MA's), (Start: 66 @41805 has 1 MA's), (78, 41730), (90, 41649), (96, 41622), (121, 41499), (128, 41457), (129, 41454), (136, 41391), (139, 41382), (140, 41379), (143, 41361), (148, 41328), (151, 41280), (160, 41235), (162, 41229), (164, 41220), (177, 41157), (189, 41106),

Gene: FlyCatcher_69 Start: 45524, Stop: 44727, Start Num: 55

Candidate Starts for FlyCatcher_69:

(12, 45725), (Start: 55 @45524 has 570 MA's), (60, 45473), (Start: 62 @45464 has 31 MA's), (Start: 65 @45452 has 2 MA's), (Start: 72 @45410 has 33 MA's), (84, 45344), (89, 45299), (90, 45290), (92, 45281), (110, 45197), (121, 45140), (125, 45122), (128, 45098), (129, 45095), (133, 45074), (139, 45026), (140, 45023), (143, 45005), (146, 44978), (157, 44894), (159, 44882), (164, 44864), (171, 44840), (175, 44822), (177, 44801), (189, 44750),

Gene: ForGetIt_65 Start: 41594, Stop: 40788, Start Num: 55

Candidate Starts for ForGetIt_65:

(Start: 55 @41594 has 570 MA's), (Start: 62 @41534 has 31 MA's), (Start: 65 @41522 has 2 MA's), (84, 41414), (91, 41357), (95, 41339), (96, 41333), (111, 41258), (112, 41255), (139, 41087), (140, 41084), (143, 41066), (145, 41042), (149, 41024), (157, 40955), (158, 40946), (159, 40943), (175, 40883), (189, 40811),

Gene: ForesterFrank_64 Start: 42701, Stop: 41895, Start Num: 52

Candidate Starts for ForesterFrank_64:

(Start: 52 @42701 has 49 MA's), (Start: 62 @42641 has 31 MA's), (Start: 66 @42623 has 1 MA's), (78, 42548), (81, 42533), (91, 42464), (95, 42446), (117, 42329), (129, 42269), (130, 42266), (140, 42194), (143, 42176), (145, 42152), (151, 42095), (157, 42065), (158, 42056), (159, 42053), (162, 42044), (164, 42035), (189, 41921),

Gene: Forsytheast_65 Start: 41989, Stop: 41177, Start Num: 57

Candidate Starts for Forsytheast_65:

(Start: 45 @42028 has 15 MA's), (Start: 57 @41989 has 99 MA's), (92, 41758), (95, 41746), (102, 41704), (103, 41692), (129, 41551), (139, 41476), (140, 41473), (164, 41314), (173, 41281), (189, 41200),

Gene: Francis47_62 Start: 42906, Stop: 42085, Start Num: 53

Candidate Starts for Francis47_62:

(Start: 53 @42906 has 118 MA's), (Start: 57 @42894 has 99 MA's), (92, 42663), (95, 42651), (102, 42609), (103, 42597), (129, 42456), (140, 42378), (162, 42228), (189, 42105),

Gene: Fred313_64 Start: 41350, Stop: 40553, Start Num: 55

Candidate Starts for Fred313_64:

(Start: 55 @41350 has 570 MA's), (Start: 62 @41290 has 31 MA's), (78, 41197), (90, 41116), (96, 41089), (121, 40966), (128, 40924), (129, 40921), (140, 40849), (143, 40831), (157, 40720), (159, 40708), (169, 40672), (175, 40648), (177, 40627), (189, 40576),

Gene: Froghopper_61 Start: 41048, Stop: 40239, Start Num: 57

Candidate Starts for Froghopper_61:

(Start: 45 @41087 has 15 MA's), (Start: 57 @41048 has 99 MA's), (92, 40817), (95, 40805), (102, 40763), (103, 40751), (129, 40610), (140, 40532), (162, 40382), (173, 40340), (174, 40334), (189, 40259),

Gene: Funston_63 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Funston_63:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Fushigi_59 Start: 40011, Stop: 39202, Start Num: 57

Candidate Starts for Fushigi_59:

(Start: 45 @40050 has 15 MA's), (Start: 57 @40011 has 99 MA's), (92, 39780), (95, 39768), (102, 39726), (103, 39714), (129, 39573), (140, 39495), (162, 39345), (173, 39303), (174, 39297), (189, 39222),

Gene: GMonster_60 Start: 41502, Stop: 40681, Start Num: 53

Candidate Starts for GMonster_60:

(Start: 53 @41502 has 118 MA's), (92, 41259), (95, 41247), (102, 41205), (103, 41193), (129, 41052), (140, 40974), (173, 40782), (189, 40701),

Gene: Gachnar_64 Start: 42525, Stop: 41716, Start Num: 57

Candidate Starts for Gachnar_64:

(Start: 45 @42564 has 15 MA's), (Start: 57 @42525 has 99 MA's), (92, 42294), (95, 42282), (102, 42240), (103, 42228), (129, 42087), (138, 42015), (140, 42009), (162, 41859), (173, 41817), (175, 41808), (189, 41736),

Gene: Gadost_64 Start: 41888, Stop: 41082, Start Num: 55

Candidate Starts for Gadost_64:

(Start: 39 @41933 has 1 MA's), (Start: 55 @41888 has 570 MA's), (Start: 57 @41876 has 99 MA's), (Start: 66 @41810 has 1 MA's), (78, 41735), (90, 41654), (96, 41627), (121, 41504), (128, 41462), (129, 41459), (136, 41396), (139, 41387), (140, 41384), (143, 41366), (148, 41333), (151, 41285), (160, 41240), (162, 41234), (164, 41225), (177, 41162), (189, 41111),

Gene: GageAP_65 Start: 43012, Stop: 42200, Start Num: 57

Candidate Starts for GageAP_65:

(Start: 45 @43051 has 15 MA's), (Start: 57 @43012 has 99 MA's), (92, 42781), (95, 42769), (99, 42742), (102, 42727), (103, 42715), (129, 42574), (140, 42496), (164, 42337), (173, 42304), (189, 42223),

Gene: Gail_70 Start: 42896, Stop: 42090, Start Num: 52

Candidate Starts for Gail_70:

(25, 42974), (Start: 52 @42896 has 49 MA's), (Start: 62 @42836 has 31 MA's), (89, 42671), (91, 42659), (99, 42614), (108, 42575), (117, 42524), (121, 42509), (129, 42464), (140, 42389), (143, 42371), (145, 42347), (151, 42290), (158, 42251), (159, 42248), (164, 42230), (189, 42116),

Gene: Gandalf20_65 Start: 43214, Stop: 42393, Start Num: 53

Candidate Starts for Gandalf20_65:

(Start: 53 @43214 has 118 MA's), (Start: 57 @43202 has 99 MA's), (92, 42971), (95, 42959), (102, 42917), (103, 42905), (129, 42764), (138, 42692), (140, 42686), (173, 42494), (189, 42413),

Gene: Garak_72 Start: 41384, Stop: 40638, Start Num: 62

Candidate Starts for Garak_72:

(Start: 62 @41384 has 31 MA's), (91, 41207), (99, 41162), (108, 41123), (129, 41012), (140, 40937), (143, 40919), (145, 40895), (157, 40808), (158, 40799), (159, 40796), (189, 40664),

Gene: GaugeLDP_64 Start: 42275, Stop: 41472, Start Num: 51

Candidate Starts for GaugeLDP_64:

(Start: 51 @42275 has 57 MA's), (91, 42038), (117, 41906), (129, 41846), (140, 41771), (143, 41753), (145, 41729), (151, 41672), (157, 41642), (158, 41633), (164, 41612), (184, 41522), (185, 41519), (189, 41498),

Gene: Gemma_68 Start: 41886, Stop: 41077, Start Num: 55

Candidate Starts for Gemma_68:

(Start: 55 @41886 has 570 MA's), (58, 41865), (96, 41625), (99, 41604), (121, 41502), (122, 41499), (128, 41460), (131, 41445), (140, 41385), (143, 41367), (145, 41343), (157, 41256), (158, 41247), (175, 41184), (189, 41112),

Gene: George_59 Start: 40913, Stop: 40107, Start Num: 55

Candidate Starts for George_59:

(28, 40988), (40, 40955), (Start: 55 @40913 has 570 MA's), (Start: 62 @40853 has 31 MA's), (86, 40724), (91, 40676), (93, 40667), (95, 40658), (96, 40652), (111, 40577), (112, 40574), (139, 40406), (140, 40403), (143, 40385), (145, 40361), (149, 40343), (157, 40274), (158, 40265), (159, 40262), (175, 40202), (189, 40130),

Gene: Georgie2_69 Start: 42631, Stop: 41825, Start Num: 51

Candidate Starts for Georgie2_69:

(Start: 51 @42631 has 57 MA's), (Start: 62 @42571 has 31 MA's), (78, 42478), (84, 42451), (91, 42394), (117, 42259), (129, 42199), (140, 42124), (143, 42106), (157, 41995), (158, 41986), (164, 41965), (189, 41851),

Gene: Geostin_54 Start: 31992, Stop: 31138, Start Num: 51

Candidate Starts for Geostin_54:

(Start: 51 @31992 has 57 MA's), (Start: 70 @31884 has 1 MA's), (Start: 72 @31878 has 33 MA's), (75, 31854), (76, 31845), (77, 31842), (78, 31839), (80, 31827), (83, 31818), (86, 31797), (88, 31764), (92, 31743), (100, 31701), (118, 31614), (132, 31542), (140, 31494), (154, 31386), (173, 31314), (174, 31308), (175, 31305), (180, 31275), (185, 31254), (197, 31203), (200, 31185), (202, 31179),

Gene: Ghoulboy_64 Start: 41610, Stop: 40804, Start Num: 55

Candidate Starts for Ghoulboy_64:

(Start: 55 @41610 has 570 MA's), (Start: 62 @41550 has 31 MA's), (Start: 65 @41538 has 2 MA's), (91, 41373), (95, 41355), (96, 41349), (111, 41274), (112, 41271), (129, 41178), (139, 41103), (140, 41100), (143, 41082), (149, 41040), (157, 40971), (158, 40962), (159, 40959), (175, 40899), (189, 40827),

Gene: Gilberta_68 Start: 41490, Stop: 40693, Start Num: 55

Candidate Starts for Gilberta_68:

(Start: 55 @41490 has 570 MA's), (Start: 71 @41385 has 1 MA's), (Start: 72 @41382 has 33 MA's), (91, 41259), (116, 41133), (129, 41067), (140, 40992), (143, 40974), (145, 40950), (151, 40893), (158, 40854), (159, 40851), (162, 40842), (171, 40809), (183, 40746), (189, 40719),

Gene: GingkoMaracino_69 Start: 41889, Stop: 41080, Start Num: 55

Candidate Starts for GingkoMaracino_69:

(Start: 55 @41889 has 570 MA's), (58, 41868), (Start: 65 @41817 has 2 MA's), (96, 41628), (99, 41607), (121, 41505), (122, 41502), (128, 41463), (131, 41448), (140, 41388), (143, 41370), (145, 41346), (157, 41259), (158, 41250), (175, 41187), (189, 41115),

Gene: GirlDinner_35 Start: 26895, Stop: 27686, Start Num: 67

Candidate Starts for GirlDinner_35:

(11, 26601), (Start: 55 @26808 has 570 MA's), (Start: 67 @26895 has 12 MA's), (68, 26901), (Start: 71 @26925 has 1 MA's), (Start: 72 @26928 has 33 MA's), (83, 26988), (87, 27021), (92, 27057), (93, 27060), (97, 27081), (99, 27096), (129, 27249), (132, 27264), (137, 27303), (140, 27312), (170, 27495), (176, 27528), (185, 27567),

Gene: Giroux_68 Start: 41753, Stop: 40956, Start Num: 55

Candidate Starts for Giroux_68:

(Start: 55 @41753 has 570 MA's), (Start: 62 @41693 has 31 MA's), (78, 41600), (90, 41519), (96, 41492), (121, 41369), (128, 41327), (129, 41324), (140, 41252), (143, 41234), (157, 41123), (159, 41111), (169, 41075), (175, 41051), (177, 41030), (181, 41015), (183, 41006), (189, 40979),

Gene: Gladiator_68 Start: 40669, Stop: 39863, Start Num: 55

Candidate Starts for Gladiator_68:

(38, 40720), (41, 40711), (Start: 55 @40669 has 570 MA's), (91, 40432), (99, 40387), (108, 40348), (129, 40237), (140, 40162), (143, 40144), (145, 40120), (157, 40033), (158, 40024), (159, 40021), (189, 39889),

Gene: Goby_35 Start: 27047, Stop: 27802, Start Num: 72

Candidate Starts for Goby_35:

(27, 26852), (31, 26861), (Start: 55 @26927 has 570 MA's), (Start: 72 @27047 has 33 MA's), (83, 27107), (87, 27140), (92, 27176), (97, 27200), (99, 27215), (127, 27362), (129, 27368), (132, 27383), (137, 27422), (140, 27431), (175, 27635), (176, 27647), (188, 27704), (207, 27785), (208, 27788),

Gene: Godpower_36 Start: 27042, Stop: 27797, Start Num: 72

Candidate Starts for Godpower_36:

(27, 26847), (31, 26856), (Start: 55 @26922 has 570 MA's), (Start: 72 @27042 has 33 MA's), (83, 27102), (87, 27135), (92, 27171), (97, 27195), (99, 27210), (127, 27357), (129, 27363), (132, 27378), (137, 27417), (140, 27426), (145, 27468), (175, 27630), (176, 27642), (188, 27699), (207, 27780), (208, 27783),

Gene: Gollum_53 Start: 38016, Stop: 37135, Start Num: 55

Candidate Starts for Gollum_53:

(Start: 55 @38016 has 570 MA's), (Start: 59 @37989 has 2 MA's), (Start: 72 @37902 has 33 MA's), (79, 37860), (86, 37827), (96, 37755), (108, 37698), (129, 37587), (133, 37566), (134, 37563), (140, 37515), (143, 37497), (145, 37473), (146, 37470), (152, 37407), (157, 37386), (158, 37377), (175, 37314), (189, 37242),

Gene: Gompeii16_63 Start: 43980, Stop: 43159, Start Num: 53

Candidate Starts for Gompeii16_63:

(Start: 53 @43980 has 118 MA's), (Start: 57 @43968 has 99 MA's), (92, 43737), (95, 43725), (102, 43683), (103, 43671), (129, 43530), (140, 43452), (162, 43302), (189, 43179),

Gene: Goose_63 Start: 40739, Stop: 39942, Start Num: 55

Candidate Starts for Goose_63:

(Start: 55 @40739 has 570 MA's), (Start: 59 @40712 has 2 MA's), (Start: 62 @40679 has 31 MA's), (Start: 66 @40661 has 1 MA's), (84, 40559), (90, 40505), (96, 40478), (121, 40355), (129, 40310), (130, 40307), (140, 40238), (143, 40220), (159, 40097), (175, 40037), (177, 40016), (181, 40001), (183, 39992), (189, 39965),

Gene: Graduation_67 Start: 43321, Stop: 42500, Start Num: 53

Candidate Starts for Graduation_67:

(Start: 53 @43321 has 118 MA's), (Start: 57 @43309 has 99 MA's), (92, 43078), (95, 43066), (99, 43039), (102, 43024), (103, 43012), (129, 42871), (140, 42793), (162, 42643), (173, 42601), (175, 42592), (189, 42520),

Gene: Gratitude_66 Start: 42544, Stop: 41738, Start Num: 51

Candidate Starts for Gratitude_66:

(Start: 51 @42544 has 57 MA's), (Start: 62 @42484 has 31 MA's), (91, 42307), (129, 42112), (140, 42037), (143, 42019), (145, 41995), (151, 41938), (157, 41908), (158, 41899), (164, 41878), (189, 41764),

Gene: GrecoEtereo_62 Start: 41109, Stop: 40288, Start Num: 53

Candidate Starts for GrecoEtereo_62:

(Start: 53 @41109 has 118 MA's), (Start: 57 @41097 has 99 MA's), (92, 40866), (95, 40854), (102, 40812), (103, 40800), (104, 40797), (129, 40659), (140, 40581), (162, 40431), (173, 40389), (174, 40383), (189, 40308),

Gene: GreedyLawyer_67 Start: 41034, Stop: 40228, Start Num: 55

Candidate Starts for GreedyLawyer_67:

(26, 41115), (Start: 55 @41034 has 570 MA's), (91, 40797), (129, 40602), (140, 40527), (143, 40509), (145, 40485), (157, 40398), (158, 40389), (159, 40386), (185, 40275), (189, 40254),

Gene: GreenWeasel_37 Start: 26768, Stop: 27526, Start Num: 72

Candidate Starts for GreenWeasel_37:

(11, 26438), (27, 26570), (Start: 55 @26648 has 570 MA's), (Start: 71 @26765 has 1 MA's), (Start: 72 @26768 has 33 MA's), (80, 26819), (83, 26828), (86, 26843), (87, 26861), (92, 26897), (97, 26921), (99, 26936), (121, 27044), (132, 27104), (137, 27143), (140, 27152), (145, 27194), (153, 27272), (164, 27314), (170, 27335), (173, 27347), (176, 27368), (185, 27407),

Gene: Greg_64 Start: 41691, Stop: 40882, Start Num: 57

Candidate Starts for Greg_64:

(Start: 45 @41730 has 15 MA's), (Start: 57 @41691 has 99 MA's), (92, 41460), (95, 41448), (102, 41406), (103, 41394), (129, 41253), (140, 41175), (173, 40983), (189, 40902),

Gene: Gremlin23_60 Start: 31992, Stop: 31138, Start Num: 51

Candidate Starts for Gremlin23_60:

(Start: 51 @31992 has 57 MA's), (Start: 70 @31884 has 1 MA's), (Start: 72 @31878 has 33 MA's), (75, 31854), (76, 31845), (77, 31842), (78, 31839), (80, 31827), (83, 31818), (86, 31797), (88, 31764), (92, 31743), (100, 31701), (118, 31614), (132, 31542), (140, 31494), (154, 31386), (173, 31314), (174, 31308), (175, 31305), (180, 31275), (185, 31254), (197, 31203), (200, 31185), (202, 31179),

Gene: Grif_69 Start: 42078, Stop: 41269, Start Num: 55

Candidate Starts for Grif_69:

(Start: 55 @42078 has 570 MA's), (58, 42057), (Start: 65 @42006 has 2 MA's), (96, 41817), (99, 41796), (121, 41694), (122, 41691), (128, 41652), (131, 41637), (140, 41577), (143, 41559), (145, 41535), (157, 41448), (158, 41439), (175, 41376), (189, 41304),

Gene: GroundGoblin_60 Start: 41720, Stop: 40911, Start Num: 57

Candidate Starts for GroundGoblin_60:

(Start: 45 @41759 has 15 MA's), (Start: 57 @41720 has 99 MA's), (92, 41489), (95, 41477), (102, 41435), (103, 41423), (129, 41282), (140, 41204), (162, 41054), (173, 41012), (175, 41003), (189, 40931),

Gene: Groundhog_76 Start: 43364, Stop: 42564, Start Num: 55

Candidate Starts for Groundhog_76:

(48, 43379), (Start: 55 @43364 has 570 MA's), (Start: 62 @43304 has 31 MA's), (Start: 72 @43250 has 33 MA's), (81, 43196), (96, 43103), (107, 43046), (112, 43025), (127, 42938), (129, 42932), (139, 42863), (140, 42860), (143, 42842), (149, 42800), (151, 42761), (158, 42722), (159, 42719), (162, 42710), (173, 42668), (175, 42659), (181, 42623), (189, 42587), (191, 42578),

Gene: Groupthink_70 Start: 41890, Stop: 41081, Start Num: 55

Candidate Starts for Groupthink_70:

(Start: 55 @41890 has 570 MA's), (58, 41869), (96, 41629), (99, 41608), (121, 41506), (122, 41503), (128, 41464), (131, 41449), (140, 41389), (143, 41371), (145, 41347), (157, 41260), (158, 41251), (175, 41188), (189, 41116),

Gene: Grub_69 Start: 41995, Stop: 41186, Start Num: 55

Candidate Starts for Grub_69:

(Start: 55 @41995 has 570 MA's), (58, 41974), (Start: 65 @41923 has 2 MA's), (96, 41734), (99, 41713), (121, 41611), (122, 41608), (128, 41569), (131, 41554), (140, 41494), (143, 41476), (145, 41452), (157, 41365), (158, 41356), (175, 41293), (189, 41221),

Gene: Grum1_68 Start: 42003, Stop: 41194, Start Num: 55

Candidate Starts for Grum1_68:

(Start: 55 @42003 has 570 MA's), (58, 41982), (Start: 65 @41931 has 2 MA's), (96, 41742), (99, 41721), (121, 41619), (122, 41616), (128, 41577), (131, 41562), (140, 41502), (143, 41484), (145, 41460), (157, 41373), (158, 41364), (175, 41301), (189, 41229),

Gene: Gruunaga_71 Start: 41398, Stop: 40592, Start Num: 55

Candidate Starts for Gruunaga_71:

(Start: 55 @41398 has 570 MA's), (Start: 62 @41338 has 31 MA's), (91, 41161), (99, 41116), (108, 41077), (129, 40966), (140, 40891), (143, 40873), (145, 40849), (157, 40762), (158, 40753), (159, 40750), (189, 40618),

Gene: GtownJaz_69 Start: 42005, Stop: 41196, Start Num: 55

Candidate Starts for GtownJaz_69:

(Start: 55 @42005 has 570 MA's), (58, 41984), (Start: 65 @41933 has 2 MA's), (96, 41744), (99, 41723), (121, 41621), (122, 41618), (128, 41579), (131, 41564), (140, 41504), (143, 41486), (145, 41462), (157, 41375), (158, 41366), (175, 41303), (189, 41231),

Gene: Gwendoluna_67 Start: 44041, Stop: 43220, Start Num: 53

Candidate Starts for Gwendoluna_67:

(Start: 53 @44041 has 118 MA's), (Start: 57 @44029 has 99 MA's), (92, 43798), (95, 43786), (102, 43744), (103, 43732), (129, 43591), (140, 43513), (159, 43372), (164, 43354), (189, 43240),

Gene: Gwennie_66 Start: 42007, Stop: 41198, Start Num: 55

Candidate Starts for Gwennie_66:

(Start: 55 @42007 has 570 MA's), (58, 41986), (Start: 65 @41935 has 2 MA's), (96, 41746), (99, 41725), (121, 41623), (122, 41620), (128, 41581), (131, 41566), (140, 41506), (143, 41488), (145, 41464), (157, 41377), (158, 41368), (175, 41305), (189, 41233),

Gene: Gyzlar_59 Start: 39961, Stop: 39152, Start Num: 57

Candidate Starts for Gyzlar_59:

(Start: 45 @40000 has 15 MA's), (Start: 57 @39961 has 99 MA's), (92, 39730), (95, 39718), (102, 39676), (103, 39664), (129, 39523), (140, 39445), (162, 39295), (173, 39253), (174, 39247), (189, 39172),

Gene: HINdeR_64 Start: 44465, Stop: 43668, Start Num: 49

Candidate Starts for HINdeR_64:

(Start: 46 @44483 has 1 MA's), (Start: 49 @44465 has 3 MA's), (Start: 62 @44405 has 31 MA's), (Start: 65 @44393 has 2 MA's), (84, 44285), (90, 44231), (92, 44222), (99, 44183), (121, 44081), (125, 44063), (128, 44039), (129, 44036), (139, 43967), (140, 43964), (143, 43946), (151, 43865), (157, 43835), (159, 43823), (164, 43805), (175, 43763), (177, 43742), (183, 43718), (189, 43691),

Gene: Haizum_37 Start: 27154, Stop: 28038, Start Num: 55

Candidate Starts for Haizum_37:

(27, 27079), (31, 27088), (Start: 55 @27154 has 570 MA's), (Start: 67 @27241 has 12 MA's), (68, 27247), (Start: 72 @27274 has 33 MA's), (79, 27316), (80, 27325), (83, 27334), (87, 27367), (92, 27403), (94, 27412), (97, 27427), (99, 27442), (127, 27589), (132, 27610), (137, 27649), (139, 27655), (140, 27658), (164, 27820), (173, 27853), (176, 27874), (185, 27913), (205, 28009), (209, 28021), (211, 28027),

Gene: HamSlice_61 Start: 41882, Stop: 41076, Start Num: 55

Candidate Starts for HamSlice_61:

(Start: 39 @41927 has 1 MA's), (Start: 55 @41882 has 570 MA's), (Start: 57 @41870 has 99 MA's), (Start: 66 @41804 has 1 MA's), (78, 41729), (90, 41648), (96, 41621), (121, 41498), (128, 41456), (129, 41453), (136, 41390), (139, 41381), (140, 41378), (143, 41360), (151, 41279), (160, 41234), (162, 41228), (164, 41219), (177, 41156), (189, 41105),

Gene: Hami1_58 Start: 37754, Stop: 36945, Start Num: 57

Candidate Starts for Hami1_58:

(Start: 45 @37793 has 15 MA's), (Start: 57 @37754 has 99 MA's), (92, 37523), (95, 37511), (102, 37469), (103, 37457), (129, 37316), (140, 37238), (162, 37088), (173, 37046), (175, 37037), (189, 36965),

Gene: Hammer_71 Start: 40949, Stop: 40203, Start Num: 62

Candidate Starts for Hammer_71:

(Start: 62 @40949 has 31 MA's), (91, 40772), (99, 40727), (108, 40688), (129, 40577), (140, 40502), (143, 40484), (145, 40460), (157, 40373), (158, 40364), (159, 40361), (189, 40229),

Gene: HanShotFirst_64 Start: 43648, Stop: 42827, Start Num: 53

Candidate Starts for HanShotFirst_64:

(Start: 53 @43648 has 118 MA's), (Start: 57 @43636 has 99 MA's), (92, 43405), (95, 43393), (102, 43351), (103, 43339), (129, 43198), (140, 43120), (162, 42970), (189, 42847),

Gene: Hank144_37 Start: 27290, Stop: 28084, Start Num: 67

Candidate Starts for Hank144_37:

(Start: 55 @27203 has 570 MA's), (Start: 67 @27290 has 12 MA's), (68, 27296), (Start: 71 @27320 has 1 MA's), (Start: 72 @27323 has 33 MA's), (80, 27374), (83, 27383), (84, 27389), (87, 27416), (92, 27452), (93, 27455), (97, 27476), (99, 27491), (129, 27644), (132, 27659), (137, 27698), (140, 27707), (164, 27869), (170, 27890), (176, 27923), (185, 27962), (196, 28013), (209, 28067),

Gene: Hanray_69 Start: 42253, Stop: 41444, Start Num: 55

Candidate Starts for Hanray_69:

(Start: 55 @42253 has 570 MA's), (84, 42073), (89, 42028), (91, 42016), (95, 41998), (117, 41881), (129, 41821), (140, 41746), (143, 41728), (145, 41704), (151, 41647), (157, 41617), (158, 41608), (186, 41482), (189, 41470),

Gene: Happiness_63 Start: 41879, Stop: 41073, Start Num: 55

Candidate Starts for Happiness_63:

(Start: 39 @41924 has 1 MA's), (Start: 55 @41879 has 570 MA's), (Start: 57 @41867 has 99 MA's), (Start: 66 @41801 has 1 MA's), (78, 41726), (90, 41645), (96, 41618), (121, 41495), (128, 41453), (129, 41450), (136, 41387), (139, 41378), (140, 41375), (143, 41357), (151, 41276), (160, 41231), (162, 41225), (164, 41216), (177, 41153), (189, 41102),

Gene: Harlequin_52 Start: 37802, Stop: 36921, Start Num: 55

Candidate Starts for Harlequin_52:

(Start: 55 @37802 has 570 MA's), (Start: 59 @37775 has 2 MA's), (Start: 72 @37688 has 33 MA's), (79, 37646), (86, 37613), (96, 37541), (108, 37484), (129, 37373), (133, 37352), (134, 37349), (140, 37301), (143, 37283), (145, 37259), (146, 37256), (152, 37193), (158, 37163), (175, 37100), (189, 37028),

Gene: HarryHoudini_69 Start: 42741, Stop: 41935, Start Num: 51

Candidate Starts for HarryHoudini_69:

(Start: 51 @42741 has 57 MA's), (Start: 62 @42681 has 31 MA's), (91, 42504), (129, 42309), (140, 42234), (143, 42216), (145, 42192), (151, 42135), (157, 42105), (158, 42096), (164, 42075), (189, 41961),

Gene: HarryOW_61 Start: 41772, Stop: 40963, Start Num: 57

Candidate Starts for HarryOW_61:

(Start: 45 @41811 has 15 MA's), (Start: 57 @41772 has 99 MA's), (92, 41541), (95, 41529), (102, 41487), (103, 41475), (129, 41334), (140, 41256), (162, 41106), (173, 41064), (174, 41058), (189, 40983),

Gene: HashRod_70 Start: 42031, Stop: 41222, Start Num: 55

Candidate Starts for HashRod_70:

(Start: 55 @42031 has 570 MA's), (58, 42010), (Start: 65 @41959 has 2 MA's), (96, 41770), (99, 41749), (121, 41647), (122, 41644), (128, 41605), (131, 41590), (140, 41530), (143, 41512), (145, 41488), (157, 41401), (158, 41392), (189, 41257),

Gene: HaugeAnator_63 Start: 32723, Stop: 31869, Start Num: 51

Candidate Starts for HaugeAnator_63:

(Start: 51 @32723 has 57 MA's), (Start: 72 @32609 has 33 MA's), (75, 32585), (77, 32573), (78, 32570), (79, 32567), (83, 32549), (88, 32495), (90, 32483), (92, 32474), (100, 32432), (118, 32345), (125, 32315), (132, 32273), (140, 32225), (142, 32210), (143, 32207), (154, 32117), (174, 32039), (180, 32006), (185, 31985),

Gene: HaveUMetTed_70 Start: 41875, Stop: 41066, Start Num: 55

Candidate Starts for HaveUMetTed_70:

(Start: 55 @41875 has 570 MA's), (58, 41854), (96, 41614), (99, 41593), (121, 41491), (122, 41488), (128, 41449), (131, 41434), (140, 41374), (143, 41356), (145, 41332), (157, 41245), (158, 41236), (175, 41173), (189, 41101),

Gene: Heathen_66 Start: 41445, Stop: 40648, Start Num: 55

Candidate Starts for Heathen_66:

(Start: 55 @41445 has 570 MA's), (Start: 62 @41385 has 31 MA's), (78, 41292), (90, 41211), (96, 41184), (121, 41061), (128, 41019), (129, 41016), (140, 40944), (143, 40926), (157, 40815), (159, 40803), (169, 40767), (175, 40743), (177, 40722), (189, 40671),

Gene: Heffalump_67 Start: 43270, Stop: 42464, Start Num: 52

Candidate Starts for Heffalump_67:

(Start: 52 @43270 has 49 MA's), (Start: 62 @43210 has 31 MA's), (Start: 66 @43192 has 1 MA's), (78, 43117), (91, 43033), (99, 42988), (101, 42979), (130, 42835), (140, 42763), (143, 42745), (145, 42721), (151, 42664), (157, 42634), (158, 42625), (159, 42622), (162, 42613), (164, 42604), (189, 42490),

Gene: HelDan_65 Start: 41661, Stop: 40864, Start Num: 55

Candidate Starts for HelDan_65:

(Start: 55 @41661 has 570 MA's), (Start: 62 @41601 has 31 MA's), (78, 41508), (90, 41427), (96, 41400), (121, 41277), (128, 41235), (129, 41232), (140, 41160), (143, 41142), (157, 41031), (159, 41019), (169, 40983), (175, 40959), (177, 40938), (189, 40887),

Gene: Heliosoles_68 Start: 41893, Stop: 41084, Start Num: 55

Candidate Starts for Heliosoles_68:

(Start: 55 @41893 has 570 MA's), (58, 41872), (96, 41632), (99, 41611), (121, 41509), (122, 41506), (128, 41467), (131, 41452), (140, 41392), (143, 41374), (145, 41350), (157, 41263), (158, 41254), (175, 41191), (189, 41119),

Gene: Helmet_73 Start: 41384, Stop: 40638, Start Num: 62

Candidate Starts for Helmet_73:

(Start: 62 @41384 has 31 MA's), (91, 41207), (99, 41162), (108, 41123), (129, 41012), (140, 40937), (143, 40919), (145, 40895), (157, 40808), (158, 40799), (159, 40796), (189, 40664),

Gene: Herbertwm_64 Start: 42065, Stop: 41268, Start Num: 52

Candidate Starts for Herbertwm_64:

(Start: 39 @42107 has 1 MA's), (Start: 52 @42065 has 49 MA's), (69, 41975), (84, 41885), (89, 41840), (117, 41696), (121, 41681), (130, 41633), (140, 41561), (143, 41543), (151, 41462), (157, 41432), (158, 41423), (162, 41411), (164, 41402), (189, 41288),

Gene: Hercules11_69 Start: 42012, Stop: 41203, Start Num: 55

Candidate Starts for Hercules11_69:

(Start: 55 @42012 has 570 MA's), (58, 41991), (Start: 65 @41940 has 2 MA's), (96, 41751), (99, 41730), (121, 41628), (122, 41625), (128, 41586), (131, 41571), (140, 41511), (143, 41493), (145, 41469), (157, 41382), (158, 41373), (175, 41310), (189, 41238),

Gene: Hermia_61 Start: 41770, Stop: 40961, Start Num: 57

Candidate Starts for Hermia_61:

(Start: 45 @41809 has 15 MA's), (Start: 57 @41770 has 99 MA's), (92, 41539), (95, 41527), (102, 41485), (103, 41473), (129, 41332), (140, 41254), (162, 41104), (173, 41062), (175, 41053), (189, 40981),

Gene: HermioneGrange_65 Start: 43116, Stop: 42295, Start Num: 53

Candidate Starts for HermioneGrange_65:

(Start: 53 @43116 has 118 MA's), (Start: 57 @43104 has 99 MA's), (92, 42873), (95, 42861), (102, 42819), (103, 42807), (129, 42666), (140, 42588), (162, 42438), (189, 42315),

Gene: Hexamo_71 Start: 41074, Stop: 40268, Start Num: 55

Candidate Starts for Hexamo_71:

(Start: 55 @41074 has 570 MA's), (Start: 62 @41014 has 31 MA's), (91, 40837), (99, 40792), (108, 40753), (129, 40642), (140, 40567), (143, 40549), (145, 40525), (157, 40438), (158, 40429), (159, 40426), (189, 40294),

Gene: Hippo_35 Start: 26481, Stop: 27356, Start Num: 55

Candidate Starts for Hippo_35:

(8, 26241), (11, 26289), (27, 26406), (Start: 55 @26481 has 570 MA's), (Start: 72 @26601 has 33 MA's), (83, 26661), (87, 26694), (92, 26730), (97, 26754), (99, 26769), (119, 26865), (127, 26916), (129, 26922), (132, 26937), (137, 26976), (139, 26982), (140, 26985), (145, 27027), (161, 27135), (175, 27189), (176, 27201), (188, 27258), (207, 27339), (208, 27342),

Gene: HippoHollow_67 Start: 43900, Stop: 43094, Start Num: 52

Candidate Starts for HippoHollow_67:

(Start: 52 @43900 has 49 MA's), (Start: 62 @43840 has 31 MA's), (Start: 66 @43822 has 1 MA's), (79, 43744), (91, 43663), (101, 43609), (130, 43465), (140, 43393), (143, 43375), (145, 43351), (151, 43294), (157, 43264), (158, 43255), (164, 43234), (189, 43120),

Gene: Hiro_53 Start: 38278, Stop: 37397, Start Num: 55

Candidate Starts for Hiro_53:

(Start: 55 @38278 has 570 MA's), (Start: 59 @38251 has 2 MA's), (Start: 72 @38164 has 33 MA's), (79, 38122), (86, 38089), (96, 38017), (108, 37960), (129, 37849), (133, 37828), (134, 37825), (140, 37777), (143, 37759), (145, 37735), (146, 37732), (152, 37669), (158, 37639), (175, 37576), (189,

37504),

Gene: Holec_69 Start: 42269, Stop: 41460, Start Num: 55

Candidate Starts for Holec_69:

(Start: 55 @42269 has 570 MA's), (84, 42089), (89, 42044), (91, 42032), (95, 42014), (117, 41897), (129, 41837), (140, 41762), (143, 41744), (145, 41720), (151, 41663), (157, 41633), (158, 41624), (186, 41498), (189, 41486),

Gene: Holli_63 Start: 41674, Stop: 40868, Start Num: 55

Candidate Starts for Holli_63:

(Start: 39 @41719 has 1 MA's), (Start: 55 @41674 has 570 MA's), (Start: 57 @41662 has 99 MA's), (Start: 66 @41596 has 1 MA's), (78, 41521), (90, 41440), (96, 41413), (121, 41290), (128, 41248), (129, 41245), (136, 41182), (139, 41173), (140, 41170), (143, 41152), (151, 41071), (160, 41026), (162, 41020), (164, 41011), (177, 40948), (189, 40897),

Gene: Homines_55 Start: 38100, Stop: 37291, Start Num: 57

Candidate Starts for Homines_55:

(Start: 45 @38139 has 15 MA's), (Start: 57 @38100 has 99 MA's), (92, 37869), (95, 37857), (102, 37815), (103, 37803), (129, 37662), (140, 37584), (162, 37434), (173, 37392), (174, 37386), (189, 37311),

Gene: Hookmount_65 Start: 41705, Stop: 40908, Start Num: 55

Candidate Starts for Hookmount_65:

(Start: 55 @41705 has 570 MA's), (Start: 62 @41645 has 31 MA's), (78, 41552), (90, 41471), (96, 41444), (121, 41321), (128, 41279), (129, 41276), (140, 41204), (143, 41186), (157, 41075), (159, 41063), (162, 41054), (164, 41045), (169, 41027), (175, 41003), (177, 40982), (181, 40967), (189, 40931),

Gene: Hoot_65 Start: 38919, Stop: 38113, Start Num: 55

Candidate Starts for Hoot_65:

(26, 39000), (Start: 55 @38919 has 570 MA's), (91, 38682), (129, 38487), (140, 38412), (143, 38394), (145, 38370), (157, 38283), (158, 38274), (159, 38271), (185, 38160), (189, 38139),

Gene: Hope4ever_64 Start: 42100, Stop: 41279, Start Num: 53

Candidate Starts for Hope4ever_64:

(Start: 53 @42100 has 118 MA's), (Start: 57 @42088 has 99 MA's), (92, 41857), (95, 41845), (102, 41803), (103, 41791), (129, 41650), (139, 41575), (140, 41572), (162, 41422), (173, 41380), (174, 41374), (189, 41299),

Gene: HortumSL17_72 Start: 42253, Stop: 41444, Start Num: 55

Candidate Starts for HortumSL17_72:

(Start: 55 @42253 has 570 MA's), (84, 42073), (89, 42028), (91, 42016), (95, 41998), (117, 41881), (129, 41821), (140, 41746), (143, 41728), (145, 41704), (151, 41647), (157, 41617), (158, 41608), (186, 41482), (189, 41470),

Gene: Houdini22_63 Start: 41888, Stop: 41082, Start Num: 55

Candidate Starts for Houdini22_63:

(Start: 39 @41933 has 1 MA's), (Start: 55 @41888 has 570 MA's), (Start: 57 @41876 has 99 MA's), (Start: 66 @41810 has 1 MA's), (78, 41735), (90, 41654), (96, 41627), (121, 41504), (128, 41462), (129, 41459), (136, 41396), (139, 41387), (140, 41384), (143, 41366), (148, 41333), (151, 41285), (160, 41240), (162, 41234), (164, 41225), (177, 41162), (189, 41111),

Gene: HuhtaEnerson15_62 Start: 41063, Stop: 40257, Start Num: 55

Candidate Starts for HuhtaEnerson15_62:

(Start: 55 @41063 has 570 MA's), (Start: 62 @41003 has 31 MA's), (86, 40874), (91, 40826), (95, 40808), (96, 40802), (111, 40727), (112, 40724), (129, 40631), (139, 40556), (140, 40553), (143, 40535), (145, 40511), (149, 40493), (157, 40424), (158, 40415), (159, 40412), (160, 40409), (175, 40352), (189, 40280),

Gene: Hutc2_66 Start: 41039, Stop: 40242, Start Num: 55

Candidate Starts for Hutc2_66:

(Start: 55 @41039 has 570 MA's), (Start: 71 @40934 has 1 MA's), (Start: 72 @40931 has 33 MA's), (91, 40808), (108, 40727), (116, 40682), (129, 40616), (140, 40541), (143, 40523), (145, 40499), (151, 40442), (158, 40403), (159, 40400), (171, 40358), (183, 40295), (189, 40268),

Gene: Huxley_62 Start: 41948, Stop: 41142, Start Num: 55

Candidate Starts for Huxley_62:

(Start: 39 @41993 has 1 MA's), (Start: 55 @41948 has 570 MA's), (Start: 57 @41936 has 99 MA's), (Start: 66 @41870 has 1 MA's), (78, 41795), (90, 41714), (96, 41687), (121, 41564), (128, 41522), (129, 41519), (136, 41456), (139, 41447), (140, 41444), (143, 41426), (148, 41393), (151, 41345), (160, 41300), (162, 41294), (164, 41285), (177, 41222), (189, 41171),

Gene: Hydra_37 Start: 26641, Stop: 27516, Start Num: 55

Candidate Starts for Hydra_37:

(4, 26266), (31, 26575), (Start: 55 @26641 has 570 MA's), (Start: 72 @26761 has 33 MA's), (83, 26821), (87, 26854), (92, 26890), (97, 26914), (99, 26929), (119, 27025), (127, 27076), (129, 27082), (132, 27097), (137, 27136), (140, 27145), (153, 27265), (175, 27349), (176, 27361), (188, 27418), (207, 27499), (208, 27502),

Gene: ICleared_63 Start: 41925, Stop: 41119, Start Num: 55

Candidate Starts for ICleared_63:

(Start: 55 @41925 has 570 MA's), (Start: 57 @41913 has 99 MA's), (Start: 66 @41847 has 1 MA's), (78, 41772), (90, 41691), (96, 41664), (121, 41541), (128, 41499), (129, 41496), (136, 41433), (139, 41424), (140, 41421), (143, 41403), (151, 41322), (160, 41277), (162, 41271), (164, 41262), (177, 41199), (189, 41148),

Gene: ILeeKay_65 Start: 41991, Stop: 41170, Start Num: 53

Candidate Starts for ILeeKay_65:

(Start: 53 @41991 has 118 MA's), (Start: 57 @41979 has 99 MA's), (92, 41748), (95, 41736), (102, 41694), (103, 41682), (129, 41541), (140, 41463), (162, 41313), (173, 41271), (174, 41265), (189, 41190),

Gene: Ibantik_42 Start: 19836, Stop: 19015, Start Num: 53

Candidate Starts for Ibantik_42:

(Start: 53 @19836 has 118 MA's), (56, 19827), (68, 19749), (Start: 73 @19719 has 2 MA's), (86, 19647), (96, 19575), (115, 19479), (119, 19461), (129, 19404), (133, 19383), (139, 19329), (143, 19308), (150, 19242), (151, 19227), (152, 19218), (157, 19197), (160, 19182), (168, 19149), (175, 19122), (185, 19071),

Gene: Iceman_64 Start: 42173, Stop: 41367, Start Num: 55

Candidate Starts for Iceman_64:

(24, 42257), (Start: 39 @42218 has 1 MA's), (Start: 55 @42173 has 570 MA's), (Start: 57 @42161 has 99 MA's), (Start: 66 @42095 has 1 MA's), (78, 42020), (90, 41939), (96, 41912), (121, 41789), (128, 41747), (129, 41744), (136, 41681), (139, 41672), (140, 41669), (143, 41651), (148, 41618), (151, 41570), (160, 41525), (162, 41519), (164, 41510), (177, 41447), (189, 41396),

Gene: Ichabod_67 Start: 43213, Stop: 42392, Start Num: 53

Candidate Starts for Ichabod_67:

(Start: 53 @43213 has 118 MA's), (Start: 57 @43201 has 99 MA's), (92, 42970), (95, 42958), (102, 42916), (103, 42904), (113, 42853), (129, 42763), (140, 42685), (162, 42535), (189, 42412),

Gene: Idleandcovert_66 Start: 41754, Stop: 40957, Start Num: 55

Candidate Starts for Idleandcovert_66:

(Start: 55 @41754 has 570 MA's), (Start: 62 @41694 has 31 MA's), (78, 41601), (90, 41520), (96, 41493), (121, 41370), (128, 41328), (129, 41325), (140, 41253), (143, 41235), (157, 41124), (159, 41112), (169, 41076), (175, 41052), (177, 41031), (181, 41016), (183, 41007), (189, 40980),

Gene: IgnatiusPatJac_63 Start: 41779, Stop: 40958, Start Num: 53

Candidate Starts for IgnatiusPatJac_63:

(Start: 53 @41779 has 118 MA's), (Start: 57 @41767 has 99 MA's), (Start: 61 @41722 has 6 MA's), (92, 41536), (95, 41524), (102, 41482), (103, 41470), (129, 41329), (140, 41251), (162, 41101), (173, 41059), (174, 41053), (189, 40978),

Gene: Immanuel3_62 Start: 32726, Stop: 31872, Start Num: 51

Candidate Starts for Immanuel3_62:

(Start: 51 @32726 has 57 MA's), (Start: 72 @32612 has 33 MA's), (75, 32588), (77, 32576), (78, 32573), (79, 32570), (83, 32552), (88, 32498), (90, 32486), (92, 32477), (100, 32435), (118, 32348), (125, 32318), (132, 32276), (140, 32228), (142, 32213), (143, 32210), (154, 32120), (174, 32042), (180, 32009), (185, 31988),

Gene: Indigo_34 Start: 26229, Stop: 26984, Start Num: 72

Candidate Starts for Indigo_34:

(4, 25734), (31, 26043), (Start: 55 @26109 has 570 MA's), (Start: 72 @26229 has 33 MA's), (83, 26289), (87, 26322), (92, 26358), (97, 26382), (99, 26397), (119, 26493), (127, 26544), (129, 26550), (132, 26565), (137, 26604), (140, 26613), (153, 26733), (175, 26817), (176, 26829), (188, 26886), (207, 26967), (208, 26970),

Gene: Indra_74 Start: 41385, Stop: 40639, Start Num: 62

Candidate Starts for Indra_74:

(Start: 62 @41385 has 31 MA's), (91, 41208), (99, 41163), (108, 41124), (129, 41013), (140, 40938), (143, 40920), (145, 40896), (157, 40809), (158, 40800), (159, 40797), (189, 40665),

Gene: Insomnia_68 Start: 41478, Stop: 40681, Start Num: 55

Candidate Starts for Insomnia_68:

(Start: 55 @41478 has 570 MA's), (Start: 71 @41373 has 1 MA's), (Start: 72 @41370 has 33 MA's), (91, 41247), (108, 41166), (116, 41121), (129, 41055), (140, 40980), (143, 40962), (145, 40938), (151, 40881), (158, 40842), (159, 40839), (171, 40797), (183, 40734), (189, 40707),

Gene: Inyanga_59 Start: 42064, Stop: 41255, Start Num: 57

Candidate Starts for Inyanga_59:

(Start: 45 @42103 has 15 MA's), (Start: 57 @42064 has 99 MA's), (92, 41833), (95, 41821), (102, 41779), (103, 41767), (129, 41626), (140, 41548), (162, 41398), (173, 41356), (175, 41347), (189, 41275),

Gene: Iqorha_59 Start: 42063, Stop: 41254, Start Num: 57

Candidate Starts for Iqorha_59:

(Start: 45 @42102 has 15 MA's), (Start: 57 @42063 has 99 MA's), (92, 41832), (95, 41820), (102, 41778), (103, 41766), (129, 41625), (140, 41547), (162, 41397), (173, 41355), (175, 41346), (189, 41274),

Gene: Iracema64_65 Start: 42196, Stop: 41345, Start Num: 39

Candidate Starts for Iracema64_65:

(Start: 39 @42196 has 1 MA's), (Start: 55 @42151 has 570 MA's), (Start: 57 @42139 has 99 MA's), (Start: 66 @42073 has 1 MA's), (78, 41998), (90, 41917), (96, 41890), (121, 41767), (128, 41725), (129, 41722), (136, 41659), (139, 41650), (140, 41647), (143, 41629), (148, 41596), (160, 41503), (162, 41497), (164, 41488), (177, 41425), (189, 41374),

Gene: IronMan_66 Start: 43239, Stop: 42436, Start Num: 52

Candidate Starts for IronMan_66:

(Start: 52 @43239 has 49 MA's), (Start: 62 @43179 has 31 MA's), (91, 43002), (117, 42870), (121, 42855), (129, 42810), (140, 42735), (143, 42717), (145, 42693), (151, 42636), (158, 42597), (164, 42576), (189, 42462),

Gene: Isca_64 Start: 41207, Stop: 40410, Start Num: 55

Candidate Starts for Isca_64:

(Start: 55 @41207 has 570 MA's), (Start: 62 @41147 has 31 MA's), (78, 41054), (90, 40973), (96, 40946), (121, 40823), (128, 40781), (129, 40778), (140, 40706), (143, 40688), (157, 40577), (159, 40565), (169, 40529), (175, 40505), (177, 40484), (189, 40433),

Gene: Isiphiwo_68 Start: 40601, Stop: 39795, Start Num: 55

Candidate Starts for Isiphiwo_68:

(38, 40652), (41, 40643), (Start: 55 @40601 has 570 MA's), (Start: 62 @40541 has 31 MA's), (Start: 73 @40484 has 2 MA's), (91, 40364), (129, 40169), (140, 40094), (143, 40076), (145, 40052), (157, 39965), (158, 39956), (159, 39953), (185, 39842), (189, 39821),

Gene: Issmi_37 Start: 27760, Stop: 28638, Start Num: 55

Candidate Starts for Issmi_37:

(11, 27568), (27, 27685), (Start: 55 @27760 has 570 MA's), (Start: 67 @27847 has 12 MA's), (68, 27853), (Start: 71 @27877 has 1 MA's), (Start: 72 @27880 has 33 MA's), (82, 27937), (83, 27940), (84, 27946), (87, 27973), (92, 28009), (93, 28012), (97, 28033), (99, 28048), (110, 28099), (127, 28195), (129, 28201), (132, 28216), (137, 28255), (140, 28264), (164, 28426), (170, 28447), (176, 28480), (185, 28519), (209, 28621), (211, 28627),

Gene: Itza_37 Start: 26865, Stop: 27758, Start Num: 55

Candidate Starts for Itza_37:

(14, 26712), (15, 26733), (19, 26751), (23, 26787), (Start: 55 @26865 has 570 MA's), (Start: 72 @26985 has 33 MA's), (83, 27045), (87, 27078), (92, 27114), (97, 27138), (99, 27153), (129, 27306), (132, 27321), (137, 27360), (139, 27366), (140, 27369), (153, 27489), (170, 27552), (175, 27573), (176, 27585), (196, 27675),

Gene: Iwokeuplikedis_69 Start: 42216, Stop: 41410, Start Num: 51

Candidate Starts for Iwokeuplikedis_69:

(Start: 51 @42216 has 57 MA's), (84, 42036), (91, 41979), (105, 41907), (117, 41844), (130, 41781), (140, 41709), (143, 41691), (145, 41667), (151, 41610), (157, 41580), (158, 41571), (164, 41550), (189, 41436),

Gene: Izzy_36 Start: 26634, Stop: 27389, Start Num: 72

Candidate Starts for Izzy_36:

(4, 26139), (31, 26448), (Start: 55 @26514 has 570 MA's), (Start: 72 @26634 has 33 MA's), (83, 26694), (87, 26727), (92, 26763), (97, 26787), (99, 26802), (119, 26898), (127, 26949), (129, 26955), (132, 26970), (137, 27009), (140, 27018), (175, 27222), (176, 27234), (188, 27291), (207, 27372), (208, 27375),

Gene: JC27_66 Start: 42659, Stop: 41838, Start Num: 53

Candidate Starts for JC27_66:

(Start: 53 @42659 has 118 MA's), (Start: 57 @42647 has 99 MA's), (92, 42416), (95, 42404), (102, 42362), (103, 42350), (129, 42209), (140, 42131), (162, 41981), (173, 41939), (174, 41933), (189, 41858),

Gene: JF2_64 Start: 39902, Stop: 39105, Start Num: 55

Candidate Starts for JF2_64:

(Start: 55 @39902 has 570 MA's), (Start: 62 @39842 has 31 MA's), (78, 39749), (90, 39668), (96, 39641), (121, 39518), (128, 39476), (129, 39473), (140, 39401), (143, 39383), (157, 39272), (159, 39260), (169, 39224), (175, 39200), (177, 39179), (189, 39128),

Gene: JF4_64 Start: 39902, Stop: 39105, Start Num: 55

Candidate Starts for JF4_64:

(Start: 55 @39902 has 570 MA's), (Start: 62 @39842 has 31 MA's), (78, 39749), (90, 39668), (96, 39641), (121, 39518), (128, 39476), (129, 39473), (140, 39401), (143, 39383), (157, 39272), (159, 39260), (169, 39224), (175, 39200), (177, 39179), (189, 39128),

Gene: JHC117_67 Start: 42002, Stop: 41193, Start Num: 55

Candidate Starts for JHC117_67:

(Start: 55 @42002 has 570 MA's), (58, 41981), (Start: 65 @41930 has 2 MA's), (96, 41741), (99, 41720), (121, 41618), (122, 41615), (128, 41576), (131, 41561), (140, 41501), (143, 41483), (145, 41459), (157, 41372), (158, 41363), (175, 41300), (189, 41228),

Gene: JPandJE_63 Start: 33242, Stop: 32388, Start Num: 51

Candidate Starts for JPandJE_63:

(Start: 51 @33242 has 57 MA's), (Start: 72 @33128 has 33 MA's), (75, 33104), (77, 33092), (78, 33089), (79, 33086), (83, 33068), (88, 33014), (90, 33002), (92, 32993), (100, 32951), (118, 32864), (125, 32834), (132, 32792), (140, 32744), (142, 32729), (143, 32726), (154, 32636), (174, 32558), (180, 32525), (185, 32504),

Gene: JSwag_76 Start: 42275, Stop: 41532, Start Num: 61

Candidate Starts for JSwag_76:

(Start: 45 @42362 has 15 MA's), (Start: 61 @42275 has 6 MA's), (68, 42245), (Start: 70 @42224 has 1 MA's), (78, 42179), (81, 42164), (86, 42143), (90, 42098), (91, 42095), (92, 42089), (93, 42086), (110, 42002), (116, 41966), (121, 41945), (129, 41900), (140, 41828), (143, 41810), (145, 41786), (151, 41729), (159, 41687), (189, 41555),

Gene: Jaan_67 Start: 43407, Stop: 42604, Start Num: 52

Candidate Starts for Jaan_67:

(Start: 52 @43407 has 49 MA's), (Start: 62 @43347 has 31 MA's), (79, 43251), (91, 43170), (117, 43038), (121, 43023), (129, 42978), (140, 42903), (143, 42885), (145, 42861), (151, 42804), (157, 42774), (158, 42765), (164, 42744), (189, 42630),

Gene: Jabiru_66 Start: 41632, Stop: 40826, Start Num: 55

Candidate Starts for Jabiru_66:

(Start: 55 @41632 has 570 MA's), (60, 41581), (Start: 62 @41572 has 31 MA's), (91, 41395), (95, 41377), (96, 41371), (108, 41311), (111, 41296), (112, 41293), (116, 41266), (121, 41245), (129, 41200), (139, 41125), (140, 41122), (143, 41104), (145, 41080), (149, 41062), (157, 40993), (158, 40984), (159, 40981), (175, 40921), (189, 40849),

Gene: Jabith_68 Start: 41495, Stop: 40698, Start Num: 55

Candidate Starts for Jabith_68:

(Start: 55 @41495 has 570 MA's), (Start: 71 @41390 has 1 MA's), (Start: 72 @41387 has 33 MA's), (91, 41264), (108, 41183), (116, 41138), (129, 41072), (140, 40997), (143, 40979), (145, 40955), (151, 40898), (158, 40859), (159, 40856), (171, 40814), (183, 40751), (189, 40724),

Gene: JackSparrow_67 Start: 42486, Stop: 41677, Start Num: 57

Candidate Starts for JackSparrow_67:

(Start: 45 @42525 has 15 MA's), (Start: 57 @42486 has 99 MA's), (92, 42255), (95, 42243), (99, 42216), (102, 42201), (103, 42189), (129, 42048), (140, 41970), (162, 41820), (175, 41769), (189, 41697),

Gene: Janus_36 Start: 27268, Stop: 28026, Start Num: 72

Candidate Starts for Janus_36:

(11, 26941), (Start: 55 @27148 has 570 MA's), (Start: 67 @27235 has 12 MA's), (68, 27241), (Start: 71 @27265 has 1 MA's), (Start: 72 @27268 has 33 MA's), (83, 27328), (87, 27361), (92, 27397), (93, 27400), (97, 27421), (99, 27436), (129, 27589), (132, 27604), (137, 27643), (140, 27652), (170, 27835), (176, 27868), (185, 27907),

Gene: Jash_36 Start: 26587, Stop: 27342, Start Num: 72

Candidate Starts for Jash_36:

(4, 26092), (31, 26401), (Start: 55 @26467 has 570 MA's), (Start: 72 @26587 has 33 MA's), (83, 26647), (87, 26680), (92, 26716), (97, 26740), (99, 26755), (119, 26851), (127, 26902), (129, 26908), (132, 26923), (137, 26962), (140, 26971), (175, 27175), (176, 27187), (188, 27244), (207, 27325), (208, 27328),

Gene: Jasper_63 Start: 41141, Stop: 40320, Start Num: 53

Candidate Starts for Jasper_63:

(Start: 53 @41141 has 118 MA's), (Start: 57 @41129 has 99 MA's), (92, 40898), (95, 40886), (102, 40844), (103, 40832), (129, 40691), (140, 40613), (148, 40562), (162, 40463), (173, 40421), (175, 40412), (189, 40340),

Gene: Jaykayelowell_61 Start: 41877, Stop: 41071, Start Num: 55

Candidate Starts for Jaykayelowell_61:

(Start: 39 @41922 has 1 MA's), (Start: 55 @41877 has 570 MA's), (Start: 57 @41865 has 99 MA's), (Start: 66 @41799 has 1 MA's), (78, 41724), (90, 41643), (96, 41616), (121, 41493), (128, 41451), (129, 41448), (136, 41385), (139, 41376), (140, 41373), (143, 41355), (148, 41322), (151, 41274), (160, 41229), (162, 41223), (164, 41214), (177, 41151), (189, 41100),

Gene: Jeeves_72 Start: 41877, Stop: 41071, Start Num: 52

Candidate Starts for Jeeves_72:

(Start: 52 @41877 has 49 MA's), (Start: 62 @41817 has 31 MA's), (91, 41640), (108, 41556), (117, 41505), (129, 41445), (140, 41370), (143, 41352), (145, 41328), (151, 41271), (157, 41241), (158, 41232), (159, 41229), (164, 41211), (189, 41097),

Gene: Jeffabunny_71 Start: 41011, Stop: 40265, Start Num: 62

Candidate Starts for Jeffabunny_71:

(Start: 62 @41011 has 31 MA's), (91, 40834), (99, 40789), (108, 40750), (129, 40639), (140, 40564), (143, 40546), (145, 40522), (157, 40435), (158, 40426), (159, 40423), (189, 40291),

Gene: JenCasNa_70 Start: 42003, Stop: 41194, Start Num: 55

Candidate Starts for JenCasNa_70:

(Start: 55 @42003 has 570 MA's), (58, 41982), (Start: 65 @41931 has 2 MA's), (96, 41742), (99, 41721), (121, 41619), (122, 41616), (128, 41577), (131, 41562), (140, 41502), (143, 41484), (145,

41460), (157, 41373), (158, 41364), (175, 41301), (189, 41229),

Gene: JeppNRM_70 Start: 41891, Stop: 41082, Start Num: 55

Candidate Starts for JeppNRM_70:

(Start: 55 @41891 has 570 MA's), (58, 41870), (96, 41630), (99, 41609), (121, 41507), (122, 41504), (127, 41468), (128, 41465), (131, 41450), (140, 41390), (143, 41372), (145, 41348), (157, 41261), (158, 41252), (175, 41189), (189, 41117),

Gene: Jerm_70 Start: 43007, Stop: 42201, Start Num: 52

Candidate Starts for Jerm_70:

(Start: 52 @43007 has 49 MA's), (Start: 62 @42947 has 31 MA's), (Start: 66 @42929 has 1 MA's), (78, 42854), (84, 42827), (91, 42770), (99, 42725), (101, 42716), (130, 42572), (140, 42500), (143, 42482), (145, 42458), (151, 42401), (157, 42371), (158, 42362), (159, 42359), (164, 42341), (189, 42227),

Gene: Jerm2_65 Start: 43345, Stop: 42536, Start Num: 57

Candidate Starts for Jerm2_65:

(Start: 45 @43384 has 15 MA's), (Start: 57 @43345 has 99 MA's), (92, 43114), (95, 43102), (103, 43048), (129, 42907), (140, 42829), (148, 42778), (162, 42679), (173, 42637), (175, 42628), (189, 42556),

Gene: Jester_52 Start: 37733, Stop: 36852, Start Num: 55

Candidate Starts for Jester_52:

(Start: 55 @37733 has 570 MA's), (Start: 59 @37706 has 2 MA's), (Start: 72 @37619 has 33 MA's), (79, 37577), (86, 37544), (96, 37472), (108, 37415), (129, 37304), (133, 37283), (134, 37280), (140, 37232), (143, 37214), (145, 37190), (146, 37187), (152, 37124), (158, 37094), (175, 37031), (189, 36959),

Gene: JetBlade_64 Start: 41887, Stop: 41081, Start Num: 55

Candidate Starts for JetBlade_64:

(Start: 39 @41932 has 1 MA's), (Start: 55 @41887 has 570 MA's), (Start: 57 @41875 has 99 MA's), (Start: 66 @41809 has 1 MA's), (78, 41734), (90, 41653), (96, 41626), (121, 41503), (128, 41461), (129, 41458), (136, 41395), (139, 41386), (140, 41383), (143, 41365), (151, 41284), (160, 41239), (162, 41233), (164, 41224), (177, 41161), (189, 41110),

Gene: Jevington_38 Start: 27633, Stop: 28430, Start Num: 67

Candidate Starts for Jevington_38:

(11, 27354), (27, 27471), (Start: 55 @27546 has 570 MA's), (Start: 67 @27633 has 12 MA's), (68, 27639), (Start: 72 @27666 has 33 MA's), (82, 27723), (83, 27726), (87, 27759), (92, 27795), (93, 27798), (94, 27804), (97, 27819), (99, 27834), (111, 27891), (127, 27981), (129, 27987), (132, 28002), (137, 28041), (139, 28047), (140, 28050), (145, 28092), (146, 28095), (153, 28170), (170, 28233), (173, 28245), (176, 28266), (185, 28305), (209, 28413),

Gene: JewelBug_70 Start: 41335, Stop: 40529, Start Num: 55

Candidate Starts for JewelBug_70:

(38, 41386), (41, 41377), (Start: 55 @41335 has 570 MA's), (91, 41098), (129, 40903), (140, 40828), (143, 40810), (145, 40786), (157, 40699), (158, 40690), (159, 40687), (185, 40576), (189, 40555),

Gene: Jhitchelle_37 Start: 27391, Stop: 28287, Start Num: 55

Candidate Starts for Jhitchelle_37:

(31, 27331), (Start: 55 @27391 has 570 MA's), (Start: 72 @27511 has 33 MA's), (80, 27562), (83, 27571), (87, 27604), (92, 27640), (97, 27664), (99, 27679), (129, 27832), (132, 27847), (137, 27886), (140, 27895), (153, 28015), (164, 28057), (175, 28099), (176, 28111), (184, 28147), (185, 28150), (188, 28168), (194, 28195),

Gene: Jiawan_68 Start: 42285, Stop: 41476, Start Num: 55

Candidate Starts for Jiawan_68:

(Start: 55 @42285 has 570 MA's), (84, 42105), (89, 42060), (91, 42048), (95, 42030), (117, 41913), (129, 41853), (140, 41778), (143, 41760), (145, 41736), (151, 41679), (157, 41649), (158, 41640), (186, 41514), (189, 41502),

Gene: Jobu08_67 Start: 41835, Stop: 41026, Start Num: 55

Candidate Starts for Jobu08_67:

(Start: 55 @41835 has 570 MA's), (58, 41814), (Start: 65 @41763 has 2 MA's), (96, 41574), (99, 41553), (121, 41451), (122, 41448), (128, 41409), (131, 41394), (140, 41334), (143, 41316), (145, 41292), (157, 41205), (158, 41196), (175, 41133), (189, 41061),

Gene: JoongJeon_63 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for JoongJeon_63:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Jordennis_69 Start: 40816, Stop: 40010, Start Num: 55

Candidate Starts for Jordennis_69:

(38, 40867), (41, 40858), (Start: 55 @40816 has 570 MA's), (Start: 62 @40756 has 31 MA's), (Start: 73 @40699 has 2 MA's), (91, 40579), (129, 40384), (140, 40309), (143, 40291), (145, 40267), (157, 40180), (158, 40171), (159, 40168), (185, 40057), (189, 40036),

Gene: Jorgensen_66 Start: 42205, Stop: 41384, Start Num: 53

Candidate Starts for Jorgensen_66:

(Start: 53 @42205 has 118 MA's), (Start: 57 @42193 has 99 MA's), (92, 41962), (95, 41950), (99, 41923), (102, 41908), (103, 41896), (129, 41755), (140, 41677), (162, 41527), (173, 41485), (174, 41479), (189, 41404),

Gene: Joselito_68 Start: 41515, Stop: 40718, Start Num: 55

Candidate Starts for Joselito_68:

(Start: 55 @41515 has 570 MA's), (Start: 71 @41410 has 1 MA's), (Start: 72 @41407 has 33 MA's), (91, 41284), (108, 41203), (116, 41158), (129, 41092), (140, 41017), (143, 40999), (145, 40975), (151, 40918), (158, 40879), (159, 40876), (171, 40834), (183, 40771), (189, 40744),

Gene: JoshKayV_69 Start: 43058, Stop: 42252, Start Num: 52

Candidate Starts for JoshKayV_69:

(Start: 52 @43058 has 49 MA's), (Start: 62 @42998 has 31 MA's), (Start: 66 @42980 has 1 MA's), (78, 42905), (84, 42878), (91, 42821), (99, 42776), (101, 42767), (130, 42623), (140, 42551), (143, 42533), (145, 42509), (151, 42452), (157, 42422), (158, 42413), (164, 42392), (189, 42278),

Gene: Journey13_60 Start: 39544, Stop: 38855, Start Num: 73

Candidate Starts for Journey13_60:

(Start: 73 @39544 has 2 MA's), (84, 39481), (89, 39436), (91, 39424), (101, 39370), (127, 39235), (130, 39226), (140, 39154), (143, 39136), (145, 39112), (151, 39055), (158, 39016), (164, 38995), (171, 38971), (189, 38881),

Gene: Jovo_65 Start: 41850, Stop: 41044, Start Num: 55

Candidate Starts for Jovo_65:

(Start: 55 @41850 has 570 MA's), (Start: 62 @41790 has 31 MA's), (Start: 65 @41778 has 2 MA's), (84, 41670), (91, 41613), (95, 41595), (96, 41589), (111, 41514), (112, 41511), (139, 41343), (140, 41340), (143, 41322), (145, 41298), (149, 41280), (157, 41211), (158, 41202), (159, 41199), (175, 41139), (189, 41067),

Gene: Jsquared_72 Start: 42004, Stop: 41198, Start Num: 55

Candidate Starts for Jsquared_72:

(29, 42079), (Start: 55 @42004 has 570 MA's), (101, 41713), (116, 41638), (127, 41578), (130, 41569), (140, 41497), (143, 41479), (151, 41398), (157, 41368), (158, 41359), (171, 41314), (189, 41224),

Gene: JuliaChild_64 Start: 42434, Stop: 41613, Start Num: 53

Candidate Starts for JuliaChild_64:

(Start: 53 @42434 has 118 MA's), (Start: 57 @42422 has 99 MA's), (92, 42191), (95, 42179), (102, 42137), (103, 42125), (129, 41984), (140, 41906), (173, 41714), (174, 41708), (189, 41633),

Gene: KADY_68 Start: 42031, Stop: 41222, Start Num: 55

Candidate Starts for KADY_68:

(Start: 55 @42031 has 570 MA's), (58, 42010), (Start: 65 @41959 has 2 MA's), (96, 41770), (99, 41749), (121, 41647), (122, 41644), (128, 41605), (131, 41590), (140, 41530), (143, 41512), (145, 41488), (157, 41401), (158, 41392), (189, 41257),

Gene: KBG_64 Start: 43963, Stop: 43142, Start Num: 53

Candidate Starts for KBG_64:

(Start: 53 @43963 has 118 MA's), (Start: 57 @43951 has 99 MA's), (92, 43720), (95, 43708), (103, 43654), (129, 43513), (140, 43435), (141, 43426), (159, 43294), (162, 43285), (173, 43243), (174, 43237), (189, 43162),

Gene: KFPoly_63 Start: 41878, Stop: 41072, Start Num: 55

Candidate Starts for KFPoly_63:

(Start: 39 @41923 has 1 MA's), (Start: 55 @41878 has 570 MA's), (Start: 57 @41866 has 99 MA's), (Start: 66 @41800 has 1 MA's), (78, 41725), (90, 41644), (96, 41617), (121, 41494), (128, 41452), (129, 41449), (136, 41386), (139, 41377), (140, 41374), (143, 41356), (148, 41323), (151, 41275), (160, 41230), (162, 41224), (164, 41215), (177, 41152), (189, 41101),

Gene: KSSJEB_63 Start: 41398, Stop: 40589, Start Num: 57

Candidate Starts for KSSJEB_63:

(Start: 45 @41437 has 15 MA's), (Start: 57 @41398 has 99 MA's), (92, 41167), (95, 41155), (99, 41128), (102, 41113), (103, 41101), (129, 40960), (140, 40882), (162, 40732), (173, 40690), (174, 40684), (189, 40609),

Gene: Kachowdy_64 Start: 41697, Stop: 40900, Start Num: 55

Candidate Starts for Kachowdy_64:

(Start: 55 @41697 has 570 MA's), (Start: 62 @41637 has 31 MA's), (78, 41544), (90, 41463), (96, 41436), (121, 41313), (128, 41271), (129, 41268), (140, 41196), (143, 41178), (157, 41067), (159, 41055), (169, 41019), (175, 40995), (177, 40974), (189, 40923),

Gene: Kaine_36 Start: 27667, Stop: 28554, Start Num: 55

Candidate Starts for Kaine_36:

(27, 27598), (Start: 55 @27667 has 570 MA's), (Start: 72 @27787 has 33 MA's), (80, 27838), (83, 27847), (87, 27880), (92, 27916), (97, 27940), (99, 27955), (127, 28102), (129, 28108), (132, 28123), (137, 28162), (140, 28171), (153, 28291), (164, 28333), (176, 28387), (184, 28423), (185, 28426), (188, 28444), (194, 28471),

Gene: Kalb97_70 Start: 41889, Stop: 41080, Start Num: 55

Candidate Starts for Kalb97_70:

(Start: 55 @41889 has 570 MA's), (58, 41868), (96, 41628), (99, 41607), (121, 41505), (122, 41502), (128, 41463), (131, 41448), (140, 41388), (143, 41370), (145, 41346), (157, 41259), (158, 41250), (175, 41187), (189, 41115),

Gene: Kalnoky_70 Start: 41887, Stop: 41078, Start Num: 55

Candidate Starts for Kalnoky_70:

(Start: 55 @41887 has 570 MA's), (58, 41866), (96, 41626), (99, 41605), (121, 41503), (122, 41500), (128, 41461), (131, 41446), (140, 41386), (143, 41368), (145, 41344), (157, 41257), (158, 41248), (175, 41185), (189, 41113),

Gene: Kalpine_68 Start: 43034, Stop: 42228, Start Num: 52

Candidate Starts for Kalpine_68:

(Start: 52 @43034 has 49 MA's), (Start: 62 @42974 has 31 MA's), (Start: 66 @42956 has 1 MA's), (78, 42881), (91, 42797), (105, 42725), (117, 42662), (129, 42602), (130, 42599), (140, 42527), (143, 42509), (145, 42485), (151, 42428), (157, 42398), (158, 42389), (159, 42386), (164, 42368), (189, 42254),

Gene: Kamy_63 Start: 41886, Stop: 41080, Start Num: 55

Candidate Starts for Kamy_63:

(Start: 39 @41931 has 1 MA's), (Start: 55 @41886 has 570 MA's), (Start: 57 @41874 has 99 MA's), (Start: 66 @41808 has 1 MA's), (78, 41733), (90, 41652), (96, 41625), (121, 41502), (128, 41460), (129, 41457), (136, 41394), (139, 41385), (140, 41382), (143, 41364), (151, 41283), (160, 41238), (162, 41232), (164, 41223), (177, 41160), (189, 41109),

Gene: Kanely_64 Start: 41998, Stop: 41177, Start Num: 53

Candidate Starts for Kanely_64:

(Start: 53 @41998 has 118 MA's), (Start: 57 @41986 has 99 MA's), (92, 41755), (95, 41743), (102, 41701), (103, 41689), (129, 41548), (140, 41470), (162, 41320), (173, 41278), (174, 41272), (189, 41197),

Gene: Katalie_35 Start: 26649, Stop: 27524, Start Num: 55

Candidate Starts for Katalie_35:

(27, 26574), (31, 26583), (Start: 55 @26649 has 570 MA's), (Start: 71 @26766 has 1 MA's), (Start: 72 @26769 has 33 MA's), (80, 26820), (83, 26829), (87, 26862), (92, 26898), (97, 26922), (99, 26937), (127, 27084), (129, 27090), (132, 27105), (137, 27144), (140, 27153), (145, 27195), (175, 27357), (176, 27369), (188, 27426), (207, 27507), (208, 27510), (209, 27513),

Gene: Katalie136_63 Start: 42133, Stop: 41333, Start Num: 55

Candidate Starts for Katalie136_63:

(Start: 55 @42133 has 570 MA's), (Start: 57 @42121 has 99 MA's), (Start: 62 @42073 has 31 MA's), (Start: 66 @42055 has 1 MA's), (78, 41980), (90, 41899), (91, 41896), (96, 41872), (121, 41749), (129, 41704), (136, 41641), (139, 41632), (140, 41629), (143, 41611), (148, 41578), (160, 41485), (162, 41479), (164, 41470), (177, 41407), (189, 41356),

Gene: KatherineG_77 Start: 42826, Stop: 41996, Start Num: 45

Candidate Starts for KatherineG_77:

(Start: 45 @42826 has 15 MA's), (Start: 61 @42739 has 6 MA's), (68, 42709), (Start: 70 @42688 has 1 MA's), (78, 42643), (81, 42628), (86, 42607), (90, 42562), (91, 42559), (92, 42553), (93, 42550), (110, 42466), (116, 42430), (121, 42409), (129, 42364), (140, 42292), (143, 42274), (151, 42193), (159, 42151), (189, 42019),

Gene: Kazan_71 Start: 41074, Stop: 40268, Start Num: 55

Candidate Starts for Kazan_71:

(26, 41155), (Start: 55 @41074 has 570 MA's), (91, 40837), (129, 40642), (140, 40567), (143, 40549), (145, 40525), (157, 40438), (158, 40429), (159, 40426), (185, 40315), (189, 40294),

Gene: Keiki_33 Start: 22689, Stop: 21826, Start Num: 55

Candidate Starts for Keiki_33:

(Start: 55 @22689 has 570 MA's), (68, 22593), (Start: 72 @22566 has 33 MA's), (79, 22524), (82, 22509), (87, 22473), (120, 22299), (123, 22281), (125, 22275), (132, 22233), (140, 22185), (143, 22167), (166, 22026), (206, 21852),

Gene: KekoraPapaka_62 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for KekoraPapaka_62:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Kenmech_66 Start: 43636, Stop: 42815, Start Num: 53

Candidate Starts for Kenmech_66:

(Start: 53 @43636 has 118 MA's), (Start: 57 @43624 has 99 MA's), (92, 43393), (95, 43381), (102, 43339), (103, 43327), (129, 43186), (138, 43114), (140, 43108), (162, 42958), (173, 42916), (175, 42907), (189, 42835),

Gene: Kerberos_70 Start: 42627, Stop: 41881, Start Num: 62

Candidate Starts for Kerberos_70:

(Start: 62 @42627 has 31 MA's), (79, 42531), (117, 42315), (129, 42255), (130, 42252), (140, 42180), (143, 42162), (145, 42138), (151, 42081), (157, 42051), (158, 42042), (189, 41907),

Gene: Keziacharles14_68 Start: 42803, Stop: 42000, Start Num: 55

Candidate Starts for Keziacharles14_68:

(Start: 55 @42803 has 570 MA's), (84, 42623), (89, 42578), (91, 42566), (93, 42557), (95, 42548), (127, 42377), (129, 42371), (140, 42296), (143, 42278), (145, 42254), (151, 42197), (157, 42167), (158, 42158), (189, 42020),

Gene: KikiBouba_61 Start: 41579, Stop: 40770, Start Num: 57

Candidate Starts for KikiBouba_61:

(Start: 45 @41618 has 15 MA's), (Start: 57 @41579 has 99 MA's), (92, 41348), (95, 41336), (102, 41294), (103, 41282), (129, 41141), (140, 41063), (162, 40913), (173, 40871), (175, 40862), (189, 40790),

Gene: Killigrew_62 Start: 42202, Stop: 41393, Start Num: 57

Candidate Starts for Killigrew_62:

(Start: 45 @42241 has 15 MA's), (Start: 57 @42202 has 99 MA's), (92, 41971), (95, 41959), (102, 41917), (103, 41905), (129, 41764), (140, 41686), (162, 41536), (173, 41494), (175, 41485), (189, 41413),

Gene: Kimba_66 Start: 41015, Stop: 40218, Start Num: 55

Candidate Starts for Kimba_66:

(Start: 55 @41015 has 570 MA's), (Start: 71 @40910 has 1 MA's), (Start: 72 @40907 has 33 MA's), (91, 40784), (108, 40703), (116, 40658), (129, 40592), (140, 40517), (143, 40499), (145, 40475), (151, 40418), (158, 40379), (159, 40376), (171, 40334), (183, 40271), (189, 40244),

Gene: Kimona_62 Start: 40645, Stop: 39842, Start Num: 55

Candidate Starts for Kimona_62:

(20, 40756), (Start: 55 @40645 has 570 MA's), (Start: 59 @40618 has 2 MA's), (Start: 62 @40585 has 31 MA's), (78, 40492), (84, 40465), (90, 40411), (96, 40384), (121, 40261), (129, 40216), (130, 40213), (140, 40141), (143, 40123), (157, 40012), (164, 39982), (175, 39940), (177, 39919), (181, 39904), (189, 39868),

Gene: KingCyrus_69 Start: 44214, Stop: 43408, Start Num: 52

Candidate Starts for KingCyrus_69:

(Start: 52 @44214 has 49 MA's), (Start: 62 @44154 has 31 MA's), (Start: 66 @44136 has 1 MA's), (78, 44061), (84, 44034), (91, 43977), (99, 43932), (101, 43923), (130, 43779), (140, 43707), (143, 43689), (145, 43665), (151, 43608), (157, 43578), (158, 43569), (164, 43548), (189, 43434),

Gene: Kingmustik0402_64 Start: 41873, Stop: 41067, Start Num: 55

Candidate Starts for Kingmustik0402_64:

(Start: 39 @41918 has 1 MA's), (Start: 55 @41873 has 570 MA's), (Start: 57 @41861 has 99 MA's), (Start: 66 @41795 has 1 MA's), (78, 41720), (90, 41639), (96, 41612), (121, 41489), (128, 41447), (129, 41444), (136, 41381), (139, 41372), (140, 41369), (143, 41351), (148, 41318), (151, 41270), (160, 41225), (162, 41219), (164, 41210), (177, 41147), (189, 41096),

Gene: Kinmap_71 Start: 41324, Stop: 40521, Start Num: 55

Candidate Starts for Kinmap_71:

(Start: 55 @41324 has 570 MA's), (Start: 62 @41264 has 31 MA's), (84, 41144), (89, 41099), (130, 40892), (140, 40820), (143, 40802), (157, 40691), (158, 40682), (164, 40661), (185, 40568), (189, 40547),

Gene: Kipper29_70 Start: 41087, Stop: 40281, Start Num: 55

Candidate Starts for Kipper29_70:

(26, 41168), (Start: 55 @41087 has 570 MA's), (91, 40850), (129, 40655), (140, 40580), (143, 40562), (145, 40538), (157, 40451), (158, 40442), (159, 40439), (185, 40328), (189, 40307),

Gene: KittenMittens_59 Start: 40015, Stop: 39218, Start Num: 55

Candidate Starts for KittenMittens_59:

(Start: 55 @40015 has 570 MA's), (Start: 62 @39955 has 31 MA's), (Start: 66 @39937 has 1 MA's), (78, 39862), (84, 39835), (90, 39781), (121, 39631), (129, 39586), (130, 39583), (140, 39514), (143, 39496), (159, 39373), (177, 39292), (185, 39262), (189, 39241),

Gene: Klodlith_67 Start: 41462, Stop: 40653, Start Num: 55

Candidate Starts for Klodlith_67:

(Start: 55 @41462 has 570 MA's), (84, 41282), (89, 41237), (91, 41225), (95, 41207), (99, 41180), (117, 41090), (127, 41036), (129, 41030), (140, 40955), (143, 40937), (145, 40913), (151, 40856), (158, 40817), (189, 40679),

Gene: Koan_61 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Koan_61:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Koduck_69 Start: 41440, Stop: 40634, Start Num: 55

Candidate Starts for Koduck_69:

(43, 41473), (Start: 55 @41440 has 570 MA's), (84, 41260), (86, 41251), (91, 41203), (116, 41074), (127, 41014), (130, 41005), (140, 40933), (143, 40915), (151, 40834), (158, 40795), (171, 40750), (185, 40681), (189, 40660),

Gene: Koko_73 Start: 41929, Stop: 41123, Start Num: 55

Candidate Starts for Koko_73:

(Start: 55 @41929 has 570 MA's), (Start: 62 @41869 has 31 MA's), (91, 41692), (99, 41647), (108, 41608), (129, 41497), (140, 41422), (143, 41404), (145, 41380), (157, 41293), (158, 41284), (159, 41281), (189, 41149),

Gene: Koreni_63 Start: 41565, Stop: 40759, Start Num: 55

Candidate Starts for Koreni_63:

(Start: 39 @41610 has 1 MA's), (Start: 55 @41565 has 570 MA's), (Start: 57 @41553 has 99 MA's), (Start: 66 @41487 has 1 MA's), (78, 41412), (90, 41331), (96, 41304), (121, 41181), (128, 41139), (129, 41136), (136, 41073), (139, 41064), (140, 41061), (143, 41043), (148, 41010), (151, 40962), (160, 40917), (162, 40911), (164, 40902), (177, 40839), (189, 40788),

Gene: Kratak_63 Start: 41894, Stop: 41088, Start Num: 55

Candidate Starts for Kratak_63:

(Start: 55 @41894 has 570 MA's), (Start: 57 @41882 has 99 MA's), (Start: 66 @41816 has 1 MA's), (78, 41741), (90, 41660), (96, 41633), (121, 41510), (129, 41465), (136, 41402), (139, 41393), (140, 41390), (143, 41372), (160, 41246), (162, 41240), (164, 41231), (177, 41168), (189, 41117),

Gene: Kremtemulon_64 Start: 41990, Stop: 41184, Start Num: 55

Candidate Starts for Kremtemulon_64:

(Start: 39 @42035 has 1 MA's), (Start: 55 @41990 has 570 MA's), (Start: 57 @41978 has 99 MA's), (Start: 66 @41912 has 1 MA's), (78, 41837), (90, 41756), (96, 41729), (121, 41606), (128, 41564), (129, 41561), (136, 41498), (139, 41489), (140, 41486), (143, 41468), (160, 41342), (162, 41336), (164, 41327), (177, 41264), (189, 41213),

Gene: Krishelle_53 Start: 38387, Stop: 37506, Start Num: 55

Candidate Starts for Krishelle_53:

(Start: 55 @38387 has 570 MA's), (Start: 59 @38360 has 2 MA's), (Start: 72 @38273 has 33 MA's), (79, 38231), (86, 38198), (96, 38126), (108, 38069), (129, 37958), (133, 37937), (134, 37934), (140, 37886), (143, 37868), (145, 37844), (146, 37841), (152, 37778), (158, 37748), (175, 37685), (189, 37613),

Gene: Kristoff_62 Start: 41320, Stop: 40523, Start Num: 55

Candidate Starts for Kristoff_62:

(Start: 55 @41320 has 570 MA's), (Start: 57 @41308 has 99 MA's), (Start: 62 @41260 has 31 MA's), (Start: 66 @41242 has 1 MA's), (Start: 71 @41209 has 1 MA's), (78, 41167), (84, 41140), (90, 41086), (109, 40999), (121, 40936), (128, 40894), (129, 40891), (139, 40822), (140, 40819), (143, 40801), (159, 40678), (175, 40618), (177, 40597), (181, 40582), (183, 40573), (189, 40546),

Gene: Kubed_33 Start: 22749, Stop: 21886, Start Num: 55

Candidate Starts for Kubed_33:

(Start: 55 @22749 has 570 MA's), (68, 22653), (Start: 70 @22632 has 1 MA's), (Start: 72 @22626 has 33 MA's), (79, 22584), (82, 22569), (87, 22533), (120, 22359), (123, 22341), (125, 22335), (132, 22293), (140, 22245), (178, 22026), (179, 22023), (206, 21912),

Gene: Kugel_66 Start: 43638, Stop: 42817, Start Num: 53

Candidate Starts for Kugel_66:

(Start: 53 @43638 has 118 MA's), (Start: 57 @43626 has 99 MA's), (92, 43395), (95, 43383), (102, 43341), (103, 43329), (129, 43188), (140, 43110), (162, 42960), (164, 42951), (173, 42918), (175, 42909), (189, 42837),

Gene: Kumquat_60 Start: 31964, Stop: 31107, Start Num: 51

Candidate Starts for Kumquat_60:

(Start: 51 @31964 has 57 MA's), (64, 31895), (Start: 72 @31850 has 33 MA's), (75, 31826), (77, 31814), (78, 31811), (79, 31808), (83, 31790), (88, 31736), (90, 31724), (92, 31715), (100, 31673), (118, 31586), (132, 31514), (140, 31466), (143, 31448), (148, 31415), (154, 31358), (173, 31286), (174, 31280), (175, 31277), (180, 31247), (185, 31226), (193, 31184), (204, 31136),

Gene: KyMonks1A_68 Start: 42363, Stop: 41554, Start Num: 57

Candidate Starts for KyMonks1A_68:

(Start: 45 @42402 has 15 MA's), (Start: 57 @42363 has 99 MA's), (92, 42132), (95, 42120), (99, 42093), (102, 42078), (103, 42066), (127, 41931), (129, 41925), (138, 41853), (140, 41847), (162, 41697), (164, 41688), (173, 41655), (175, 41646), (189, 41574),

Gene: Kyee_64 Start: 41882, Stop: 41076, Start Num: 55

Candidate Starts for Kyee_64:

(Start: 39 @41927 has 1 MA's), (Start: 55 @41882 has 570 MA's), (Start: 57 @41870 has 99 MA's), (Start: 66 @41804 has 1 MA's), (78, 41729), (90, 41648), (96, 41621), (121, 41498), (128, 41456), (129, 41453), (136, 41390), (139, 41381), (140, 41378), (143, 41360), (148, 41327), (151, 41279), (160, 41234), (162, 41228), (164, 41219), (177, 41156), (189, 41105),

Gene: Kykar_64 Start: 42579, Stop: 41758, Start Num: 53

Candidate Starts for Kykar_64:

(Start: 53 @42579 has 118 MA's), (Start: 57 @42567 has 99 MA's), (92, 42336), (95, 42324), (102, 42282), (103, 42270), (129, 42129), (138, 42057), (140, 42051), (173, 41859), (189, 41778),

Gene: L5_65 Start: 41593, Stop: 40787, Start Num: 55

Candidate Starts for L5_65:

(43, 41626), (Start: 55 @41593 has 570 MA's), (84, 41413), (86, 41404), (91, 41356), (116, 41227), (127, 41167), (130, 41158), (140, 41086), (143, 41068), (151, 40987), (158, 40948), (171, 40903), (185, 40834), (189, 40813),

Gene: LBerry_70 Start: 42007, Stop: 41198, Start Num: 55

Candidate Starts for LBerry_70:

(Start: 55 @42007 has 570 MA's), (58, 41986), (Start: 65 @41935 has 2 MA's), (96, 41746), (99, 41725), (121, 41623), (122, 41620), (128, 41581), (131, 41566), (140, 41506), (143, 41488), (145, 41464), (157, 41377), (158, 41368), (175, 41305), (189, 41233),

Gene: LHTSCC_66 Start: 42296, Stop: 41490, Start Num: 55

Candidate Starts for LHTSCC_66:

(Start: 39 @42341 has 1 MA's), (Start: 55 @42296 has 570 MA's), (Start: 57 @42284 has 99 MA's), (Start: 66 @42218 has 1 MA's), (78, 42143), (90, 42062), (96, 42035), (121, 41912), (128, 41870), (129, 41867), (136, 41804), (139, 41795), (140, 41792), (143, 41774), (151, 41693), (160, 41648), (162, 41642), (164, 41633), (177, 41570), (189, 41519),

Gene: LadyBird_72 Start: 43287, Stop: 42481, Start Num: 52

Candidate Starts for LadyBird_72:

(Start: 52 @43287 has 49 MA's), (Start: 62 @43227 has 31 MA's), (Start: 66 @43209 has 1 MA's), (78, 43134), (81, 43119), (91, 43050), (99, 43005), (101, 42996), (129, 42855), (140, 42780), (143, 42762), (145, 42738), (151, 42681), (157, 42651), (158, 42642), (164, 42621), (175, 42579), (189, 42507),

Gene: Lambert1_65 Start: 41704, Stop: 40907, Start Num: 55

Candidate Starts for Lambert1_65:

(Start: 55 @41704 has 570 MA's), (Start: 62 @41644 has 31 MA's), (78, 41551), (90, 41470), (96, 41443), (121, 41320), (128, 41278), (129, 41275), (140, 41203), (143, 41185), (157, 41074), (159, 41062), (162, 41053), (164, 41044), (169, 41026), (175, 41002), (177, 40981), (181, 40966), (189, 40930),

Gene: Lamina13_67 Start: 43355, Stop: 42546, Start Num: 57

Candidate Starts for Lamina13_67:

(Start: 45 @43394 has 15 MA's), (Start: 57 @43355 has 99 MA's), (92, 43124), (95, 43112), (102, 43070), (103, 43058), (129, 42917), (138, 42845), (140, 42839), (162, 42689), (173, 42647), (175, 42638), (189, 42566),

Gene: Landor_67 Start: 43314, Stop: 42511, Start Num: 52

Candidate Starts for Landor_67:

(Start: 52 @43314 has 49 MA's), (Start: 62 @43254 has 31 MA's), (91, 43077), (117, 42945), (121, 42930), (129, 42885), (140, 42810), (143, 42792), (145, 42768), (151, 42711), (157, 42681), (158, 42672), (164, 42651), (189, 42537),

Gene: Lannister_37 Start: 27252, Stop: 28007, Start Num: 72

Candidate Starts for Lannister_37:

(11, 26940), (Start: 55 @27132 has 570 MA's), (Start: 72 @27252 has 33 MA's), (80, 27303), (83, 27312), (87, 27345), (92, 27381), (97, 27405), (99, 27420), (119, 27516), (127, 27567), (129, 27573), (132, 27588), (137, 27627), (139, 27633), (140, 27636), (145, 27678), (164, 27798), (175, 27840), (176, 27852), (188, 27909), (207, 27990), (208, 27993),

Gene: LappelDuVide_64 Start: 41883, Stop: 41077, Start Num: 55

Candidate Starts for LappelDuVide_64:

(Start: 39 @41928 has 1 MA's), (Start: 55 @41883 has 570 MA's), (Start: 57 @41871 has 99 MA's), (Start: 66 @41805 has 1 MA's), (78, 41730), (90, 41649), (96, 41622), (121, 41499), (128, 41457), (129, 41454), (136, 41391), (139, 41382), (140, 41379), (143, 41361), (151, 41280), (160, 41235), (162, 41229), (164, 41220), (177, 41157), (189, 41106),

Gene: Larenn_66 Start: 42575, Stop: 41769, Start Num: 51

Candidate Starts for Larenn_66:

(Start: 51 @42575 has 57 MA's), (84, 42395), (91, 42338), (129, 42143), (140, 42068), (143, 42050), (145, 42026), (151, 41969), (157, 41939), (158, 41930), (164, 41909), (189, 41795),

Gene: LarryKay_69 Start: 42033, Stop: 41224, Start Num: 55

Candidate Starts for LarryKay_69:

(Start: 55 @42033 has 570 MA's), (58, 42012), (Start: 65 @41961 has 2 MA's), (96, 41772), (99, 41751), (121, 41649), (122, 41646), (128, 41607), (131, 41592), (140, 41532), (143, 41514), (145, 41490), (157, 41403), (158, 41394), (175, 41331), (189, 41259),

Gene: LastResort_75 Start: 42757, Stop: 41927, Start Num: 45

Candidate Starts for LastResort_75:

(Start: 45 @42757 has 15 MA's), (Start: 61 @42670 has 6 MA's), (68, 42640), (Start: 70 @42619 has 1 MA's), (78, 42574), (81, 42559), (86, 42538), (90, 42493), (91, 42490), (92, 42484), (93, 42481), (110, 42397), (116, 42361), (121, 42340), (129, 42295), (140, 42223), (143, 42205), (151, 42124), (158, 42085), (159, 42082), (189, 41950),

Gene: Lauchelly_33 Start: 22794, Stop: 21931, Start Num: 55

Candidate Starts for Lauchelly_33:

(Start: 55 @22794 has 570 MA's), (68, 22698), (Start: 72 @22671 has 33 MA's), (79, 22629), (82, 22614), (87, 22578), (120, 22404), (123, 22386), (125, 22380), (132, 22338), (140, 22290), (178, 22071), (206, 21957),

Gene: Legacy_35 Start: 26204, Stop: 26959, Start Num: 72

Candidate Starts for Legacy_35:

(4, 25709), (31, 26018), (Start: 55 @26084 has 570 MA's), (Start: 72 @26204 has 33 MA's), (83, 26264), (87, 26297), (92, 26333), (97, 26357), (99, 26372), (119, 26468), (127, 26519), (129, 26525), (132, 26540), (137, 26579), (140, 26588), (153, 26708), (175, 26792), (176, 26804), (188, 26861), (207, 26942), (208, 26945),

Gene: Lemur_64 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for Lemur_64:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: LeoAvram_63 Start: 41887, Stop: 41081, Start Num: 55

Candidate Starts for LeoAvram_63:

(Start: 55 @41887 has 570 MA's), (Start: 57 @41875 has 99 MA's), (Start: 66 @41809 has 1 MA's), (78, 41734), (90, 41653), (96, 41626), (121, 41503), (128, 41461), (129, 41458), (136, 41395), (139, 41386), (140, 41383), (143, 41365), (148, 41332), (151, 41284), (160, 41239), (162, 41233), (164, 41224), (177, 41161), (189, 41110),

Gene: Leogania_68 Start: 43169, Stop: 42366, Start Num: 52

Candidate Starts for Leogania_68:

(37, 43217), (Start: 52 @43169 has 49 MA's), (78, 43016), (91, 42932), (117, 42797), (121, 42782), (127, 42743), (129, 42737), (140, 42662), (143, 42644), (145, 42620), (151, 42563), (157, 42533), (158, 42524), (164, 42503), (189, 42389),

Gene: Lesedi_60 Start: 40430, Stop: 39621, Start Num: 57

Candidate Starts for Lesedi_60:

(Start: 45 @40469 has 15 MA's), (Start: 57 @40430 has 99 MA's), (92, 40199), (102, 40145), (103, 40133), (129, 39992), (140, 39914), (162, 39764), (173, 39722), (175, 39713), (189, 39641),

Gene: Lev2_65 Start: 41482, Stop: 40676, Start Num: 55

Candidate Starts for Lev2_65:

(Start: 55 @41482 has 570 MA's), (Start: 62 @41422 has 31 MA's), (Start: 65 @41410 has 2 MA's), (84, 41302), (91, 41245), (95, 41227), (96, 41221), (111, 41146), (112, 41143), (139, 40975), (140, 40972), (143, 40954), (145, 40930), (149, 40912), (157, 40843), (158, 40834), (159, 40831), (175, 40771), (189, 40699),

Gene: Levia_61 Start: 41347, Stop: 40538, Start Num: 57

Candidate Starts for Levia_61:

(Start: 45 @41386 has 15 MA's), (Start: 57 @41347 has 99 MA's), (92, 41116), (95, 41104), (102, 41062), (103, 41050), (129, 40909), (140, 40831), (162, 40681), (189, 40558),

Gene: Leviathan_70 Start: 43074, Stop: 42268, Start Num: 52

Candidate Starts for Leviathan_70:

(Start: 52 @43074 has 49 MA's), (Start: 62 @43014 has 31 MA's), (Start: 66 @42996 has 1 MA's), (Start: 72 @42960 has 33 MA's), (78, 42921), (84, 42894), (91, 42837), (99, 42792), (101, 42783),

(121, 42687), (130, 42639), (140, 42567), (143, 42549), (145, 42525), (151, 42468), (157, 42438), (158, 42429), (159, 42426), (164, 42408), (189, 42294),

Gene: Leviosa_33 Start: 22794, Stop: 21931, Start Num: 55

Candidate Starts for Leviosa_33:

(Start: 55 @22794 has 570 MA's), (68, 22698), (Start: 72 @22671 has 33 MA's), (79, 22629), (82, 22614), (86, 22596), (87, 22578), (120, 22404), (121, 22398), (123, 22386), (125, 22380), (132, 22338), (140, 22290), (166, 22131), (178, 22071), (179, 22068), (206, 21957),

Gene: Leviticus_35 Start: 26233, Stop: 26988, Start Num: 72

Candidate Starts for Leviticus_35:

(4, 25738), (31, 26047), (Start: 55 @26113 has 570 MA's), (Start: 72 @26233 has 33 MA's), (83, 26293), (87, 26326), (92, 26362), (97, 26386), (99, 26401), (119, 26497), (127, 26548), (129, 26554), (132, 26569), (137, 26608), (140, 26617), (153, 26737), (175, 26821), (176, 26833), (188, 26890), (207, 26971), (208, 26974),

Gene: Licorice_64 Start: 43464, Stop: 42655, Start Num: 57

Candidate Starts for Licorice_64:

(Start: 45 @43503 has 15 MA's), (Start: 57 @43464 has 99 MA's), (92, 43233), (95, 43221), (102, 43179), (103, 43167), (129, 43026), (140, 42948), (162, 42798), (173, 42756), (175, 42747), (189, 42675),

Gene: Lika_35 Start: 27045, Stop: 27800, Start Num: 72

Candidate Starts for Lika_35:

(27, 26850), (31, 26859), (Start: 55 @26925 has 570 MA's), (Start: 72 @27045 has 33 MA's), (83, 27105), (87, 27138), (92, 27174), (97, 27198), (99, 27213), (127, 27360), (129, 27366), (132, 27381), (137, 27420), (139, 27426), (140, 27429), (145, 27471), (175, 27633), (176, 27645), (188, 27702), (207, 27783), (208, 27786),

Gene: LilBandit_33 Start: 22584, Stop: 21721, Start Num: 55

Candidate Starts for LilBandit_33:

(Start: 55 @22584 has 570 MA's), (68, 22488), (Start: 70 @22467 has 1 MA's), (Start: 72 @22461 has 33 MA's), (79, 22419), (82, 22404), (87, 22368), (120, 22194), (123, 22176), (125, 22170), (132, 22128), (140, 22080), (143, 22062), (166, 21921), (206, 21747),

Gene: LilBib_63 Start: 43448, Stop: 42639, Start Num: 57

Candidate Starts for LilBib_63:

(Start: 45 @43487 has 15 MA's), (Start: 57 @43448 has 99 MA's), (Start: 70 @43352 has 1 MA's), (92, 43217), (95, 43205), (102, 43163), (103, 43151), (129, 43010), (140, 42932), (162, 42782), (173, 42740), (174, 42734), (189, 42659),

Gene: LilTurb_69 Start: 42888, Stop: 42082, Start Num: 52

Candidate Starts for LilTurb_69:

(Start: 52 @42888 has 49 MA's), (Start: 62 @42828 has 31 MA's), (Start: 66 @42810 has 1 MA's), (78, 42735), (84, 42708), (91, 42651), (101, 42597), (121, 42501), (130, 42453), (140, 42381), (143, 42363), (145, 42339), (151, 42282), (157, 42252), (158, 42243), (159, 42240), (164, 42222), (189, 42108),

Gene: Lilbunny_70 Start: 41015, Stop: 40269, Start Num: 62

Candidate Starts for Lilbunny_70:

(Start: 62 @41015 has 31 MA's), (91, 40838), (99, 40793), (108, 40754), (129, 40643), (140, 40568), (143, 40550), (145, 40526), (157, 40439), (158, 40430), (159, 40427), (189, 40295),

Gene: Lilith_68 Start: 41996, Stop: 41187, Start Num: 55

Candidate Starts for Lilith_68:

(Start: 55 @41996 has 570 MA's), (58, 41975), (Start: 65 @41924 has 2 MA's), (96, 41735), (99, 41714), (121, 41612), (122, 41609), (128, 41570), (131, 41555), (140, 41495), (143, 41477), (145, 41453), (157, 41366), (158, 41357), (175, 41294), (189, 41222),

Gene: Lilleskat_68 Start: 42210, Stop: 41401, Start Num: 55

Candidate Starts for Lilleskat_68:

(Start: 55 @42210 has 570 MA's), (84, 42030), (89, 41985), (91, 41973), (95, 41955), (117, 41838), (129, 41778), (140, 41703), (143, 41685), (145, 41661), (151, 41604), (157, 41574), (158, 41565), (186, 41439), (189, 41427),

Gene: Lillie_53 Start: 38018, Stop: 37137, Start Num: 55

Candidate Starts for Lillie_53:

(Start: 55 @38018 has 570 MA's), (Start: 59 @37991 has 2 MA's), (Start: 72 @37904 has 33 MA's), (79, 37862), (86, 37829), (96, 37757), (108, 37700), (129, 37589), (133, 37568), (134, 37565), (140, 37517), (143, 37499), (145, 37475), (146, 37472), (152, 37409), (158, 37379), (175, 37316), (189, 37244),

Gene: LionsBait_69 Start: 43901, Stop: 43095, Start Num: 52

Candidate Starts for LionsBait_69:

(Start: 52 @43901 has 49 MA's), (Start: 62 @43841 has 31 MA's), (Start: 66 @43823 has 1 MA's), (91, 43664), (101, 43610), (130, 43466), (140, 43394), (143, 43376), (145, 43352), (151, 43295), (157, 43265), (158, 43256), (164, 43235), (189, 43121),

Gene: LittleB_64 Start: 41885, Stop: 41079, Start Num: 55

Candidate Starts for LittleB_64:

(Start: 39 @41930 has 1 MA's), (Start: 55 @41885 has 570 MA's), (Start: 57 @41873 has 99 MA's), (Start: 66 @41807 has 1 MA's), (78, 41732), (90, 41651), (96, 41624), (121, 41501), (128, 41459), (129, 41456), (136, 41393), (139, 41384), (140, 41381), (143, 41363), (148, 41330), (151, 41282), (160, 41237), (162, 41231), (164, 41222), (177, 41159), (189, 41108),

Gene: LittleCherry_62 Start: 40933, Stop: 40127, Start Num: 55

Candidate Starts for LittleCherry_62:

(Start: 55 @40933 has 570 MA's), (Start: 62 @40873 has 31 MA's), (86, 40744), (91, 40696), (95, 40678), (96, 40672), (111, 40597), (112, 40594), (129, 40501), (139, 40426), (140, 40423), (143, 40405), (145, 40381), (149, 40363), (157, 40294), (158, 40285), (159, 40282), (175, 40222), (189, 40150),

Gene: LittleGuy_64 Start: 41780, Stop: 40974, Start Num: 55

Candidate Starts for LittleGuy_64:

(Start: 55 @41780 has 570 MA's), (Start: 57 @41768 has 99 MA's), (Start: 66 @41702 has 1 MA's), (78, 41627), (90, 41546), (96, 41519), (121, 41396), (128, 41354), (129, 41351), (136, 41288), (139, 41279), (140, 41276), (143, 41258), (148, 41225), (151, 41177), (160, 41132), (162, 41126), (164, 41117), (177, 41054), (189, 41003),

Gene: LochMonster_65 Start: 42123, Stop: 41317, Start Num: 55

Candidate Starts for LochMonster_65:

(Start: 39 @42168 has 1 MA's), (Start: 55 @42123 has 570 MA's), (Start: 57 @42111 has 99 MA's), (Start: 66 @42045 has 1 MA's), (78, 41970), (90, 41889), (96, 41862), (121, 41739), (128, 41697), (129, 41694), (136, 41631), (139, 41622), (140, 41619), (143, 41601), (151, 41520), (160, 41475), (162, 41469), (164, 41460), (177, 41397), (189, 41346),

Gene: Lockley_60 Start: 41782, Stop: 40961, Start Num: 55

Candidate Starts for Lockley_60:

(Start: 55 @41782 has 570 MA's), (Start: 57 @41770 has 99 MA's), (92, 41539), (95, 41527), (99, 41500), (102, 41485), (103, 41473), (129, 41332), (140, 41254), (162, 41104), (173, 41062), (175, 41053), (182, 41014), (189, 40981),

Gene: Lokk_63 Start: 41367, Stop: 40561, Start Num: 51

Candidate Starts for Lokk_63:

(Start: 51 @41367 has 57 MA's), (78, 41214), (84, 41187), (91, 41130), (117, 40995), (129, 40935), (140, 40860), (143, 40842), (145, 40818), (157, 40731), (158, 40722), (164, 40701), (189, 40587),

Gene: LoneWolf_71 Start: 42261, Stop: 41449, Start Num: 55

Candidate Starts for LoneWolf_71:

(Start: 55 @42261 has 570 MA's), (84, 42081), (91, 42024), (92, 42018), (95, 42006), (117, 41889), (122, 41871), (129, 41829), (140, 41754), (143, 41736), (145, 41712), (151, 41655), (157, 41625), (158, 41616), (186, 41490), (189, 41478),

Gene: Loofah_36 Start: 27337, Stop: 28212, Start Num: 55

Candidate Starts for Loofah_36:

(27, 27262), (31, 27271), (Start: 55 @27337 has 570 MA's), (Start: 67 @27424 has 12 MA's), (Start: 72 @27457 has 33 MA's), (Start: 73 @27460 has 2 MA's), (79, 27499), (83, 27517), (87, 27550), (92, 27586), (97, 27610), (99, 27625), (119, 27721), (127, 27772), (129, 27778), (130, 27781), (132, 27793), (137, 27832), (140, 27841), (170, 28024), (173, 28036), (175, 28045), (176, 28057), (185, 28096), (201, 28162), (207, 28195), (210, 28198),

Gene: Looper_76 Start: 42669, Stop: 41839, Start Num: 45

Candidate Starts for Looper_76:

(Start: 45 @42669 has 15 MA's), (Start: 61 @42582 has 6 MA's), (68, 42552), (Start: 70 @42531 has 1 MA's), (78, 42486), (81, 42471), (86, 42450), (90, 42405), (91, 42402), (92, 42396), (93, 42393), (110, 42309), (116, 42273), (121, 42252), (129, 42207), (140, 42135), (143, 42117), (151, 42036), (158, 41997), (159, 41994), (189, 41862),

Gene: Lopton_64 Start: 44017, Stop: 43208, Start Num: 57

Candidate Starts for Lopton_64:

(Start: 45 @44056 has 15 MA's), (Start: 57 @44017 has 99 MA's), (92, 43786), (95, 43774), (99, 43747), (102, 43732), (103, 43720), (129, 43579), (140, 43501), (148, 43450), (159, 43360), (164, 43342), (182, 43261), (189, 43228),

Gene: Lorelei_36 Start: 27053, Stop: 27859, Start Num: 63

Candidate Starts for Lorelei_36:

(27, 26909), (31, 26918), (Start: 55 @26984 has 570 MA's), (Start: 63 @27053 has 3 MA's), (Start: 72 @27104 has 33 MA's), (83, 27164), (87, 27197), (92, 27233), (97, 27257), (99, 27272), (127, 27419), (129, 27425), (132, 27440), (137, 27479), (140, 27488), (145, 27530), (156, 27620), (175, 27692), (176, 27704), (188, 27761), (207, 27842), (208, 27845),

Gene: Lorenzo_64 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Lorenzo_64:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Loser_70 Start: 43131, Stop: 42328, Start Num: 52

Candidate Starts for Loser_70:

(Start: 52 @43131 has 49 MA's), (Start: 62 @43071 has 31 MA's), (78, 42978), (91, 42894), (130, 42696), (140, 42624), (143, 42606), (151, 42525), (157, 42495), (158, 42486), (159, 42483), (164, 42465), (189, 42351),

Gene: Louie6_68 Start: 42033, Stop: 41224, Start Num: 55

Candidate Starts for Louie6_68:

(Start: 55 @42033 has 570 MA's), (58, 42012), (Start: 65 @41961 has 2 MA's), (96, 41772), (99, 41751), (121, 41649), (122, 41646), (128, 41607), (131, 41592), (140, 41532), (143, 41514), (145, 41490), (157, 41403), (158, 41394), (189, 41259),

Gene: Lowa_68 Start: 41995, Stop: 41186, Start Num: 55

Candidate Starts for Lowa_68:

(Start: 55 @41995 has 570 MA's), (58, 41974), (Start: 65 @41923 has 2 MA's), (96, 41734), (99, 41713), (121, 41611), (122, 41608), (128, 41569), (131, 41554), (140, 41494), (143, 41476), (145, 41452), (157, 41365), (158, 41356), (175, 41293), (189, 41221),

Gene: Luchador_71 Start: 43298, Stop: 42552, Start Num: 62

Candidate Starts for Luchador_71:

(25, 43436), (Start: 62 @43298 has 31 MA's), (89, 43133), (91, 43121), (93, 43112), (99, 43076), (108, 43037), (117, 42986), (121, 42971), (129, 42926), (140, 42851), (143, 42833), (145, 42809), (151, 42752), (158, 42713), (159, 42710), (164, 42692), (189, 42578),

Gene: Lucivia_68 Start: 41548, Stop: 40751, Start Num: 55

Candidate Starts for Lucivia_68:

(Start: 55 @41548 has 570 MA's), (Start: 71 @41443 has 1 MA's), (Start: 72 @41440 has 33 MA's), (91, 41317), (116, 41191), (129, 41125), (140, 41050), (143, 41032), (145, 41008), (151, 40951), (158, 40912), (159, 40909), (171, 40867), (183, 40804), (189, 40777),

Gene: Lucyedi_72 Start: 42881, Stop: 42126, Start Num: 62

Candidate Starts for Lucyedi_72:

(Start: 62 @42881 has 31 MA's), (68, 42854), (Start: 70 @42833 has 1 MA's), (Start: 71 @42830 has 1 MA's), (84, 42761), (91, 42704), (117, 42569), (121, 42554), (128, 42512), (129, 42509), (133, 42488), (140, 42434), (143, 42416), (145, 42392), (151, 42335), (157, 42305), (158, 42296), (164, 42275), (189, 42161),

Gene: LugYA_72 Start: 42004, Stop: 41195, Start Num: 55

Candidate Starts for LugYA_72:

(Start: 55 @42004 has 570 MA's), (58, 41983), (Start: 65 @41932 has 2 MA's), (96, 41743), (99, 41722), (121, 41620), (122, 41617), (128, 41578), (131, 41563), (140, 41503), (143, 41485), (145, 41461), (157, 41374), (158, 41365), (175, 41302), (189, 41230),

Gene: LunarLander_63 Start: 42643, Stop: 41834, Start Num: 57

Candidate Starts for LunarLander_63:

(Start: 45 @42682 has 15 MA's), (Start: 57 @42643 has 99 MA's), (92, 42412), (95, 42400), (99, 42373), (102, 42358), (103, 42346), (129, 42205), (140, 42127), (162, 41977), (189, 41854),

Gene: Lunsford_65 Start: 41878, Stop: 41072, Start Num: 55

Candidate Starts for Lunsford_65:

(Start: 39 @41923 has 1 MA's), (Start: 55 @41878 has 570 MA's), (Start: 57 @41866 has 99 MA's), (Start: 66 @41800 has 1 MA's), (78, 41725), (90, 41644), (96, 41617), (121, 41494), (128, 41452), (129, 41449), (136, 41386), (139, 41377), (140, 41374), (143, 41356), (148, 41323), (151, 41275), (160, 41230), (162, 41224), (164, 41215), (177, 41152), (189, 41101),

Gene: MA5_66 Start: 41111, Stop: 40314, Start Num: 55

Candidate Starts for MA5_66:

(Start: 55 @41111 has 570 MA's), (Start: 62 @41051 has 31 MA's), (78, 40958), (79, 40955), (90, 40877), (96, 40850), (121, 40727), (128, 40685), (129, 40682), (140, 40610), (143, 40592), (151, 40511), (157, 40481), (159, 40469), (169, 40433), (175, 40409), (177, 40388), (189, 40337),

Gene: MEAK_33 Start: 22451, Stop: 21498, Start Num: 55

Candidate Starts for MEAK_33:

(Start: 55 @22451 has 570 MA's), (68, 22355), (Start: 72 @22328 has 33 MA's), (79, 22286), (82, 22271), (87, 22235), (120, 22061), (121, 22055), (123, 22043), (125, 22037), (132, 21995), (140, 21947), (206, 21614), (212, 21506),

Gene: MK4_66 Start: 41186, Stop: 40389, Start Num: 55

Candidate Starts for MK4_66:

(Start: 55 @41186 has 570 MA's), (Start: 62 @41126 has 31 MA's), (78, 41033), (90, 40952), (96, 40925), (121, 40802), (128, 40760), (129, 40757), (140, 40685), (143, 40667), (157, 40556), (159, 40544), (169, 40508), (175, 40484), (177, 40463), (189, 40412),

Gene: MPlant7149_63 Start: 41004, Stop: 40183, Start Num: 53

Candidate Starts for MPlant7149_63:

(Start: 53 @41004 has 118 MA's), (Start: 57 @40992 has 99 MA's), (92, 40761), (95, 40749), (102, 40707), (103, 40695), (129, 40554), (140, 40476), (162, 40326), (189, 40203),

Gene: MaCh_67 Start: 41494, Stop: 40697, Start Num: 55

Candidate Starts for MaCh_67:

(Start: 55 @41494 has 570 MA's), (Start: 71 @41389 has 1 MA's), (Start: 72 @41386 has 33 MA's), (91, 41263), (108, 41182), (116, 41137), (129, 41071), (140, 40996), (143, 40978), (145, 40954), (151, 40897), (158, 40858), (159, 40855), (171, 40813), (183, 40750), (189, 40723),

Gene: Mabel_67 Start: 41495, Stop: 40698, Start Num: 55

Candidate Starts for Mabel_67:

(Start: 55 @41495 has 570 MA's), (Start: 71 @41390 has 1 MA's), (Start: 72 @41387 has 33 MA's), (91, 41264), (116, 41138), (129, 41072), (140, 40997), (143, 40979), (145, 40955), (151, 40898), (158, 40859), (159, 40856), (162, 40847), (171, 40814), (183, 40751), (189, 40724),

Gene: MadMarie_69 Start: 42005, Stop: 41196, Start Num: 55

Candidate Starts for MadMarie_69:

(Start: 55 @42005 has 570 MA's), (58, 41984), (Start: 65 @41933 has 2 MA's), (96, 41744), (99, 41723), (121, 41621), (122, 41618), (128, 41579), (131, 41564), (140, 41504), (143, 41486), (145, 41462), (157, 41375), (158, 41366), (175, 41303), (189, 41231),

Gene: Magnar_63 Start: 42236, Stop: 41427, Start Num: 57

Candidate Starts for Magnar_63:

(Start: 45 @42275 has 15 MA's), (Start: 57 @42236 has 99 MA's), (92, 42005), (95, 41993), (99, 41966), (102, 41951), (103, 41939), (129, 41798), (140, 41720), (162, 41570), (175, 41519), (189, 41447),

Gene: Magnito_63 Start: 42112, Stop: 41291, Start Num: 55

Candidate Starts for Magnito_63:

(Start: 55 @42112 has 570 MA's), (92, 41869), (95, 41857), (102, 41815), (103, 41803), (129, 41662), (140, 41584), (162, 41434), (173, 41392), (175, 41383), (189, 41311),

Gene: Mainiac_69 Start: 41997, Stop: 41188, Start Num: 55

Candidate Starts for Mainiac_69:

(Start: 55 @41997 has 570 MA's), (58, 41976), (Start: 65 @41925 has 2 MA's), (96, 41736), (99, 41715), (121, 41613), (122, 41610), (128, 41571), (131, 41556), (140, 41496), (143, 41478), (145, 41454), (157, 41367), (158, 41358), (175, 41295), (189, 41223),

Gene: MajorMajor_70 Start: 41874, Stop: 41068, Start Num: 55

Candidate Starts for MajorMajor_70:

(29, 41949), (Start: 55 @41874 has 570 MA's), (101, 41583), (116, 41508), (127, 41448), (130, 41439), (140, 41367), (143, 41349), (151, 41268), (157, 41238), (158, 41229), (171, 41184), (189, 41094),

Gene: Makemake_68 Start: 44019, Stop: 43198, Start Num: 53

Candidate Starts for Makemake_68:

(Start: 53 @44019 has 118 MA's), (Start: 57 @44007 has 99 MA's), (92, 43776), (95, 43764), (102, 43722), (103, 43710), (129, 43569), (140, 43491), (148, 43440), (162, 43341), (173, 43299), (174, 43293), (189, 43218),

Gene: Malec_67 Start: 43142, Stop: 42336, Start Num: 51

Candidate Starts for Malec_67:

(Start: 51 @43142 has 57 MA's), (84, 42962), (91, 42905), (129, 42710), (140, 42635), (143, 42617), (145, 42593), (151, 42536), (157, 42506), (158, 42497), (164, 42476), (189, 42362),

Gene: Malinsilva_71 Start: 41995, Stop: 41186, Start Num: 55

Candidate Starts for Malinsilva_71:

(Start: 55 @41995 has 570 MA's), (58, 41974), (Start: 65 @41923 has 2 MA's), (96, 41734), (99, 41713), (121, 41611), (122, 41608), (128, 41569), (131, 41554), (140, 41494), (143, 41476), (145, 41452), (157, 41365), (158, 41356), (175, 41293), (189, 41221),

Gene: Maminiaina_71 Start: 42391, Stop: 41582, Start Num: 55

Candidate Starts for Maminiaina_71:

(Start: 55 @42391 has 570 MA's), (84, 42211), (91, 42154), (95, 42136), (101, 42100), (117, 42019), (121, 42004), (128, 41962), (129, 41959), (140, 41884), (143, 41866), (145, 41842), (151, 41785), (157, 41755), (158, 41746), (186, 41620), (189, 41608),

Gene: Manatee_63 Start: 41739, Stop: 40918, Start Num: 53

Candidate Starts for Manatee_63:

(Start: 53 @41739 has 118 MA's), (Start: 57 @41727 has 99 MA's), (92, 41496), (95, 41484), (102, 41442), (103, 41430), (129, 41289), (138, 41217), (140, 41211), (162, 41061), (173, 41019), (174, 41013), (189, 40938),

Gene: Maneekul_35 Start: 26623, Stop: 27378, Start Num: 72

Candidate Starts for Maneekul_35:

(8, 26263), (11, 26311), (27, 26428), (Start: 55 @26503 has 570 MA's), (Start: 72 @26623 has 33 MA's), (83, 26683), (87, 26716), (92, 26752), (97, 26776), (99, 26791), (127, 26938), (129, 26944), (132, 26959), (137, 26998), (140, 27007), (145, 27049), (148, 27058), (175, 27211), (176, 27223), (188, 27280), (207, 27361), (208, 27364),

Gene: Manu_69 Start: 41890, Stop: 41081, Start Num: 55

Candidate Starts for Manu_69:

(Start: 55 @41890 has 570 MA's), (58, 41869), (96, 41629), (99, 41608), (121, 41506), (122, 41503), (128, 41464), (131, 41449), (140, 41389), (143, 41371), (145, 41347), (157, 41260), (158, 41251), (175, 41188), (189, 41116),

Gene: Manuel_59 Start: 32265, Stop: 31408, Start Num: 51

Candidate Starts for Manuel_59:

(Start: 51 @32265 has 57 MA's), (Start: 70 @32157 has 1 MA's), (Start: 72 @32151 has 33 MA's), (75, 32127), (77, 32115), (78, 32112), (79, 32109), (83, 32091), (88, 32037), (90, 32025), (92, 32016), (100, 31974), (118, 31887), (132, 31815), (140, 31767), (143, 31749), (148, 31716), (154, 31659), (173, 31587), (174, 31581), (175, 31578), (180, 31548), (185, 31527), (193, 31485), (204, 31437),

Gene: MarQuardt_69 Start: 42005, Stop: 41196, Start Num: 55

Candidate Starts for MarQuardt_69:

(Start: 55 @42005 has 570 MA's), (58, 41984), (Start: 65 @41933 has 2 MA's), (96, 41744), (99, 41723), (121, 41621), (122, 41618), (128, 41579), (131, 41564), (140, 41504), (143, 41486), (145, 41462), (157, 41375), (158, 41366), (175, 41303), (189, 41231),

Gene: Marav_39 Start: 27958, Stop: 28755, Start Num: 67

Candidate Starts for Marav_39:

(11, 27679), (27, 27796), (Start: 55 @27871 has 570 MA's), (Start: 67 @27958 has 12 MA's), (68, 27964), (Start: 72 @27991 has 33 MA's), (82, 28048), (83, 28051), (87, 28084), (92, 28120), (93, 28123), (94, 28129), (97, 28144), (99, 28159), (111, 28216), (127, 28306), (129, 28312), (132, 28327), (137, 28366), (139, 28372), (140, 28375), (145, 28417), (146, 28420), (153, 28495), (170, 28558), (173, 28570), (176, 28591), (185, 28630), (207, 28732), (209, 28738), (211, 28744),

Gene: Marcell_60 Start: 40943, Stop: 40134, Start Num: 57

Candidate Starts for Marcell_60:

(Start: 45 @40982 has 15 MA's), (Start: 57 @40943 has 99 MA's), (92, 40712), (95, 40700), (99, 40673), (102, 40658), (103, 40646), (104, 40643), (129, 40505), (138, 40433), (140, 40427), (162, 40277), (173, 40235), (175, 40226), (189, 40154),

Gene: Marchesa_64 Start: 41647, Stop: 40850, Start Num: 55

Candidate Starts for Marchesa_64:

(Start: 55 @41647 has 570 MA's), (Start: 62 @41587 has 31 MA's), (78, 41494), (90, 41413), (96, 41386), (121, 41263), (128, 41221), (129, 41218), (136, 41158), (140, 41146), (143, 41128), (157, 41017), (159, 41005), (169, 40969), (175, 40945), (177, 40924), (189, 40873),

Gene: Marchy_57 Start: 38681, Stop: 37872, Start Num: 57

Candidate Starts for Marchy_57:

(Start: 45 @38720 has 15 MA's), (Start: 57 @38681 has 99 MA's), (92, 38450), (95, 38438), (99, 38411), (102, 38396), (103, 38384), (129, 38243), (140, 38165), (162, 38015), (189, 37892),

Gene: Marco3_67 Start: 44210, Stop: 43389, Start Num: 53

Candidate Starts for Marco3_67:

(30, 44279), (Start: 53 @44210 has 118 MA's), (Start: 57 @44198 has 99 MA's), (92, 43967), (95, 43955), (102, 43913), (103, 43901), (129, 43760), (138, 43688), (140, 43682), (162, 43532), (173, 43490), (174, 43484), (189, 43409),

Gene: Marge_60 Start: 41473, Stop: 40664, Start Num: 57

Candidate Starts for Marge_60:

(Start: 45 @41512 has 15 MA's), (Start: 57 @41473 has 99 MA's), (92, 41242), (95, 41230), (102, 41188), (103, 41176), (129, 41035), (140, 40957), (162, 40807), (173, 40765), (175, 40756), (189, 40684),

Gene: Margo_65 Start: 41730, Stop: 40933, Start Num: 55

Candidate Starts for Margo_65:

(Start: 55 @41730 has 570 MA's), (Start: 62 @41670 has 31 MA's), (78, 41577), (90, 41496), (96, 41469), (121, 41346), (128, 41304), (129, 41301), (140, 41229), (143, 41211), (157, 41100), (159, 41088), (162, 41079), (164, 41070), (169, 41052), (175, 41028), (177, 41007), (181, 40992), (189, 40956),

Gene: Marie_67 Start: 42003, Stop: 41194, Start Num: 55

Candidate Starts for Marie_67:

(Start: 55 @42003 has 570 MA's), (58, 41982), (Start: 65 @41931 has 2 MA's), (96, 41742), (99, 41721), (121, 41619), (122, 41616), (128, 41577), (131, 41562), (140, 41502), (143, 41484), (145, 41460), (157, 41373), (158, 41364), (175, 41301), (189, 41229),

Gene: Marius_70 Start: 41887, Stop: 41078, Start Num: 55

Candidate Starts for Marius_70:

(Start: 55 @41887 has 570 MA's), (58, 41866), (96, 41626), (99, 41605), (121, 41503), (122, 41500), (128, 41461), (131, 41446), (140, 41386), (143, 41368), (145, 41344), (157, 41257), (158, 41248), (175, 41185), (189, 41113),

Gene: Maroc7_61 Start: 42479, Stop: 41658, Start Num: 53

Candidate Starts for Maroc7_61:

(Start: 53 @42479 has 118 MA's), (Start: 57 @42467 has 99 MA's), (92, 42236), (95, 42224), (99, 42197), (102, 42182), (103, 42170), (129, 42029), (140, 41951), (162, 41801), (189, 41678),

Gene: Marsha_62 Start: 43071, Stop: 42250, Start Num: 53

Candidate Starts for Marsha_62:

(Start: 53 @43071 has 118 MA's), (Start: 57 @43059 has 99 MA's), (92, 42828), (95, 42816), (99, 42789), (102, 42774), (103, 42762), (129, 42621), (140, 42543), (162, 42393), (173, 42351), (174, 42345), (189, 42270),

Gene: MaryBeth_61 Start: 42297, Stop: 41488, Start Num: 57

Candidate Starts for MaryBeth_61:

(Start: 57 @42297 has 99 MA's), (92, 42066), (95, 42054), (102, 42012), (103, 42000), (129, 41859), (140, 41781), (162, 41631), (173, 41589), (175, 41580), (189, 41508),

Gene: MarysWell_62 Start: 41369, Stop: 40563, Start Num: 55

Candidate Starts for MarysWell_62:

(28, 41444), (Start: 55 @41369 has 570 MA's), (Start: 62 @41309 has 31 MA's), (Start: 65 @41297 has 2 MA's), (84, 41189), (91, 41132), (95, 41114), (96, 41108), (111, 41033), (112, 41030), (140, 40859), (143, 40841), (149, 40799), (157, 40730), (158, 40721), (159, 40718), (175, 40658), (189, 40586),

Gene: Maverick_63 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Maverick_63:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Maxo_65 Start: 41886, Stop: 41080, Start Num: 55

Candidate Starts for Maxo_65:

(Start: 39 @41931 has 1 MA's), (Start: 55 @41886 has 570 MA's), (Start: 57 @41874 has 99 MA's), (Start: 66 @41808 has 1 MA's), (78, 41733), (90, 41652), (96, 41625), (121, 41502), (128, 41460), (129, 41457), (136, 41394), (139, 41385), (140, 41382), (143, 41364), (151, 41283), (160, 41238), (162, 41232), (164, 41223), (177, 41160), (189, 41109),

Gene: Mayonnaise_62 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Mayonnaise_62:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's),
(Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458),
(129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281),
(160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Mazhar510_64 Start: 41885, Stop: 41079, Start Num: 55

Candidate Starts for Mazhar510_64:

(Start: 39 @41930 has 1 MA's), (Start: 55 @41885 has 570 MA's), (Start: 57 @41873 has 99 MA's),
(Start: 66 @41807 has 1 MA's), (78, 41732), (90, 41651), (96, 41624), (121, 41501), (128, 41459),
(129, 41456), (136, 41393), (139, 41384), (140, 41381), (143, 41363), (148, 41330), (151, 41282),
(160, 41237), (162, 41231), (164, 41222), (177, 41159), (189, 41108),

Gene: McFly_70 Start: 41028, Stop: 40222, Start Num: 55

Candidate Starts for McFly_70:

(38, 41079), (41, 41070), (Start: 55 @41028 has 570 MA's), (Start: 62 @40968 has 31 MA's), (Start: 73
@40911 has 2 MA's), (91, 40791), (129, 40596), (140, 40521), (143, 40503), (145, 40479), (157,
40392), (158, 40383), (159, 40380), (185, 40269), (189, 40248),

Gene: McGuire_64 Start: 41267, Stop: 40458, Start Num: 57

Candidate Starts for McGuire_64:

(Start: 45 @41306 has 15 MA's), (Start: 57 @41267 has 99 MA's), (92, 41036), (95, 41024), (99,
40997), (102, 40982), (103, 40970), (129, 40829), (140, 40751), (162, 40601), (173, 40559), (174,
40553), (189, 40478),

Gene: McSinger_61 Start: 41216, Stop: 40407, Start Num: 57

Candidate Starts for McSinger_61:

(Start: 45 @41255 has 15 MA's), (Start: 57 @41216 has 99 MA's), (92, 40985), (95, 40973), (102,
40931), (103, 40919), (129, 40778), (140, 40700), (162, 40550), (189, 40427),

Gene: Medusa_64 Start: 41898, Stop: 41092, Start Num: 55

Candidate Starts for Medusa_64:

(Start: 39 @41943 has 1 MA's), (Start: 55 @41898 has 570 MA's), (Start: 57 @41886 has 99 MA's),
(Start: 66 @41820 has 1 MA's), (78, 41745), (90, 41664), (96, 41637), (121, 41514), (128, 41472),
(129, 41469), (136, 41406), (139, 41397), (140, 41394), (143, 41376), (148, 41343), (151, 41295),
(160, 41250), (162, 41244), (164, 41235), (177, 41172), (189, 41121),

Gene: MeeZee_63 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for MeeZee_63:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's),
(Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455),
(129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278),
(160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: MegTheThird_66 Start: 41264, Stop: 40455, Start Num: 55

Candidate Starts for MegTheThird_66:

(Start: 55 @41264 has 570 MA's), (84, 41084), (89, 41039), (91, 41027), (95, 41009), (98, 40988),
(117, 40892), (127, 40838), (129, 40832), (140, 40757), (143, 40739), (145, 40715), (151, 40658),
(158, 40619), (186, 40493), (189, 40481),

Gene: Melvin_66 Start: 41879, Stop: 41073, Start Num: 55

Candidate Starts for Melvin_66:

(Start: 39 @41924 has 1 MA's), (Start: 55 @41879 has 570 MA's), (Start: 57 @41867 has 99 MA's), (Start: 66 @41801 has 1 MA's), (78, 41726), (90, 41645), (96, 41618), (121, 41495), (128, 41453), (129, 41450), (136, 41387), (139, 41378), (140, 41375), (143, 41357), (148, 41324), (151, 41276), (160, 41231), (162, 41225), (164, 41216), (177, 41153), (189, 41102),

Gene: MetalQZJ_60 Start: 42297, Stop: 41488, Start Num: 57

Candidate Starts for MetalQZJ_60:

(Start: 57 @42297 has 99 MA's), (92, 42066), (95, 42054), (102, 42012), (103, 42000), (129, 41859), (140, 41781), (162, 41631), (173, 41589), (175, 41580), (189, 41508),

Gene: Methuselah_64 Start: 42027, Stop: 41218, Start Num: 55

Candidate Starts for Methuselah_64:

(Start: 55 @42027 has 570 MA's), (58, 42006), (Start: 65 @41955 has 2 MA's), (96, 41766), (99, 41745), (121, 41643), (122, 41640), (128, 41601), (131, 41586), (140, 41526), (143, 41508), (145, 41484), (157, 41397), (158, 41388), (175, 41325), (189, 41253),

Gene: Micasa_62 Start: 41091, Stop: 40285, Start Num: 55

Candidate Starts for Micasa_62:

(28, 41166), (Start: 55 @41091 has 570 MA's), (Start: 62 @41031 has 31 MA's), (Start: 65 @41019 has 2 MA's), (84, 40911), (91, 40854), (95, 40836), (96, 40830), (111, 40755), (112, 40752), (129, 40659), (140, 40581), (143, 40563), (149, 40521), (157, 40452), (158, 40443), (159, 40440), (175, 40380), (189, 40308),

Gene: Michley_67 Start: 42696, Stop: 41875, Start Num: 53

Candidate Starts for Michley_67:

(Start: 53 @42696 has 118 MA's), (Start: 57 @42684 has 99 MA's), (92, 42453), (95, 42441), (102, 42399), (103, 42387), (129, 42246), (138, 42174), (140, 42168), (162, 42018), (173, 41976), (175, 41967), (189, 41895),

Gene: Microwolf_67 Start: 42019, Stop: 41210, Start Num: 55

Candidate Starts for Microwolf_67:

(Start: 55 @42019 has 570 MA's), (58, 41998), (Start: 65 @41947 has 2 MA's), (96, 41758), (99, 41737), (121, 41635), (122, 41632), (128, 41593), (131, 41578), (140, 41518), (143, 41500), (145, 41476), (157, 41389), (158, 41380), (175, 41317), (189, 41245),

Gene: MiculUcigas_68 Start: 42203, Stop: 41397, Start Num: 51

Candidate Starts for MiculUcigas_68:

(Start: 51 @42203 has 57 MA's), (Start: 62 @42143 has 31 MA's), (91, 41966), (129, 41771), (140, 41696), (143, 41678), (145, 41654), (151, 41597), (157, 41567), (158, 41558), (164, 41537), (189, 41423),

Gene: Midas2_61 Start: 41383, Stop: 40577, Start Num: 55

Candidate Starts for Midas2_61:

(Start: 55 @41383 has 570 MA's), (Start: 62 @41323 has 31 MA's), (Start: 65 @41311 has 2 MA's), (91, 41146), (95, 41128), (96, 41122), (102, 41086), (111, 41047), (112, 41044), (129, 40951), (140, 40873), (143, 40855), (149, 40813), (157, 40744), (158, 40735), (159, 40732), (175, 40672), (189, 40600),

Gene: Miko_63 Start: 42145, Stop: 41339, Start Num: 51

Candidate Starts for Miko_63:

(Start: 51 @42145 has 57 MA's), (78, 41992), (91, 41908), (108, 41824), (117, 41773), (129, 41713), (140, 41638), (143, 41620), (145, 41596), (157, 41509), (158, 41500), (164, 41479), (189, 41365),

Gene: Milcery_62 Start: 40881, Stop: 40075, Start Num: 55

Candidate Starts for Milcery_62:

(28, 40956), (40, 40923), (Start: 55 @40881 has 570 MA's), (Start: 62 @40821 has 31 MA's), (86, 40692), (91, 40644), (93, 40635), (95, 40626), (96, 40620), (111, 40545), (112, 40542), (139, 40374), (140, 40371), (143, 40353), (145, 40329), (149, 40311), (157, 40242), (158, 40233), (159, 40230), (175, 40170), (189, 40098),

Gene: MilleFeuille_59 Start: 41870, Stop: 41049, Start Num: 53

Candidate Starts for MilleFeuille_59:

(Start: 53 @41870 has 118 MA's), (Start: 57 @41858 has 99 MA's), (92, 41627), (95, 41615), (99, 41588), (102, 41573), (103, 41561), (129, 41420), (140, 41342), (162, 41192), (173, 41150), (174, 41144), (189, 41069),

Gene: Millski_63 Start: 41885, Stop: 41079, Start Num: 55

Candidate Starts for Millski_63:

(Start: 39 @41930 has 1 MA's), (Start: 55 @41885 has 570 MA's), (Start: 57 @41873 has 99 MA's), (Start: 66 @41807 has 1 MA's), (78, 41732), (90, 41651), (96, 41624), (121, 41501), (128, 41459), (129, 41456), (136, 41393), (139, 41384), (140, 41381), (143, 41363), (148, 41330), (151, 41282), (160, 41237), (162, 41231), (164, 41222), (177, 41159), (189, 41108),

Gene: MinecraftSteve_77 Start: 42650, Stop: 41820, Start Num: 45

Candidate Starts for MinecraftSteve_77:

(Start: 45 @42650 has 15 MA's), (Start: 61 @42563 has 6 MA's), (68, 42533), (Start: 70 @42512 has 1 MA's), (78, 42467), (81, 42452), (86, 42431), (90, 42386), (91, 42383), (92, 42377), (93, 42374), (110, 42290), (116, 42254), (121, 42233), (129, 42188), (140, 42116), (143, 42098), (151, 42017), (158, 41978), (159, 41975), (189, 41843),

Gene: Minispark_68 Start: 41863, Stop: 41051, Start Num: 55

Candidate Starts for Minispark_68:

(Start: 55 @41863 has 570 MA's), (84, 41683), (91, 41626), (92, 41620), (95, 41608), (117, 41491), (140, 41356), (143, 41338), (145, 41314), (151, 41257), (157, 41227), (158, 41218), (186, 41092), (189, 41080),

Gene: Miramae_63 Start: 41683, Stop: 40880, Start Num: 55

Candidate Starts for Miramae_63:

(Start: 55 @41683 has 570 MA's), (Start: 57 @41671 has 99 MA's), (Start: 62 @41623 has 31 MA's), (Start: 66 @41605 has 1 MA's), (78, 41530), (90, 41449), (96, 41422), (121, 41299), (129, 41254), (136, 41191), (139, 41182), (140, 41179), (143, 41161), (145, 41137), (157, 41050), (160, 41035), (162, 41029), (164, 41020), (177, 40957), (189, 40906),

Gene: Misomonster_70 Start: 42030, Stop: 41221, Start Num: 55

Candidate Starts for Misomonster_70:

(Start: 55 @42030 has 570 MA's), (58, 42009), (Start: 65 @41958 has 2 MA's), (96, 41769), (99, 41748), (121, 41646), (122, 41643), (128, 41604), (131, 41589), (140, 41529), (143, 41511), (145, 41487), (157, 41400), (158, 41391), (189, 41256),

Gene: MissWhite_67 Start: 41055, Stop: 40366, Start Num: 73

Candidate Starts for MissWhite_67:

(Start: 73 @41055 has 2 MA's), (89, 40947), (91, 40935), (101, 40881), (130, 40737), (140, 40665), (143, 40647), (145, 40623), (151, 40566), (157, 40536), (158, 40527), (160, 40521), (171, 40482), (185, 40413), (189, 40392),

Gene: Mkhuseleli_59 Start: 40335, Stop: 39526, Start Num: 57

Candidate Starts for Mkhuseleli_59:

(Start: 45 @40374 has 15 MA's), (Start: 57 @40335 has 99 MA's), (92, 40104), (95, 40092), (102, 40050), (103, 40038), (129, 39897), (138, 39825), (140, 39819), (162, 39669), (172, 39633), (173, 39627), (174, 39621), (189, 39546),

Gene: Molly_64 Start: 42384, Stop: 41563, Start Num: 53

Candidate Starts for Molly_64:

(Start: 53 @42384 has 118 MA's), (Start: 57 @42372 has 99 MA's), (92, 42141), (95, 42129), (102, 42087), (103, 42075), (129, 41934), (140, 41856), (162, 41706), (189, 41583),

Gene: Monet_66 Start: 43861, Stop: 43052, Start Num: 57

Candidate Starts for Monet_66:

(Start: 45 @43900 has 15 MA's), (Start: 57 @43861 has 99 MA's), (92, 43630), (95, 43618), (99, 43591), (102, 43576), (103, 43564), (129, 43423), (140, 43345), (162, 43195), (173, 43153), (175, 43144), (189, 43072),

Gene: MoneyMay_68 Start: 42003, Stop: 41194, Start Num: 55

Candidate Starts for MoneyMay_68:

(Start: 55 @42003 has 570 MA's), (58, 41982), (Start: 65 @41931 has 2 MA's), (96, 41742), (99, 41721), (121, 41619), (122, 41616), (128, 41577), (131, 41562), (140, 41502), (143, 41484), (145, 41460), (157, 41373), (158, 41364), (175, 41301), (189, 41229),

Gene: Montavir_66 Start: 41983, Stop: 41195, Start Num: 58

Candidate Starts for Montavir_66:

(Start: 55 @42004 has 570 MA's), (58, 41983), (Start: 65 @41932 has 2 MA's), (96, 41743), (99, 41722), (121, 41620), (122, 41617), (128, 41578), (131, 41563), (140, 41503), (143, 41485), (145, 41461), (157, 41374), (158, 41365), (175, 41302), (189, 41230),

Gene: Moose_65 Start: 41989, Stop: 41177, Start Num: 57

Candidate Starts for Moose_65:

(Start: 45 @42028 has 15 MA's), (Start: 57 @41989 has 99 MA's), (92, 41758), (95, 41746), (102, 41704), (103, 41692), (129, 41551), (139, 41476), (140, 41473), (164, 41314), (173, 41281), (189, 41200),

Gene: Morpher26_63 Start: 42154, Stop: 41354, Start Num: 55

Candidate Starts for Morpher26_63:

(Start: 55 @42154 has 570 MA's), (Start: 57 @42142 has 99 MA's), (Start: 62 @42094 has 31 MA's), (Start: 66 @42076 has 1 MA's), (78, 42001), (90, 41920), (91, 41917), (96, 41893), (121, 41770), (129, 41725), (136, 41662), (139, 41653), (140, 41650), (143, 41632), (148, 41599), (160, 41506), (162, 41500), (164, 41491), (177, 41428), (189, 41377),

Gene: Morrow_65 Start: 41899, Stop: 41093, Start Num: 55

Candidate Starts for Morrow_65:

(Start: 55 @41899 has 570 MA's), (Start: 57 @41887 has 99 MA's), (Start: 66 @41821 has 1 MA's), (78, 41746), (90, 41665), (96, 41638), (121, 41515), (128, 41473), (129, 41470), (136, 41407), (139, 41398), (140, 41395), (143, 41377), (148, 41344), (151, 41296), (160, 41251), (162, 41245), (164, 41236), (177, 41173), (189, 41122),

Gene: Moyashi_33 Start: 22556, Stop: 21603, Start Num: 55

Candidate Starts for Moyashi_33:

(Start: 55 @22556 has 570 MA's), (68, 22460), (Start: 72 @22433 has 33 MA's), (79, 22391), (82, 22376), (87, 22340), (120, 22166), (123, 22148), (125, 22142), (132, 22100), (140, 22052), (143,

22034), (163, 21905), (178, 21833), (179, 21830), (206, 21719), (212, 21611),

Gene: MrAK_33 Start: 22561, Stop: 21608, Start Num: 55

Candidate Starts for MrAK_33:

(Start: 55 @22561 has 570 MA's), (68, 22465), (Start: 72 @22438 has 33 MA's), (79, 22396), (82, 22381), (87, 22345), (120, 22171), (123, 22153), (125, 22147), (132, 22105), (140, 22057), (163, 21910), (178, 21838), (179, 21835), (206, 21724), (212, 21616),

Gene: MrGordo_65 Start: 42456, Stop: 41635, Start Num: 53

Candidate Starts for MrGordo_65:

(Start: 53 @42456 has 118 MA's), (92, 42213), (95, 42201), (102, 42159), (103, 42147), (121, 42051), (129, 42006), (140, 41928), (162, 41778), (173, 41736), (174, 41730), (189, 41655),

Gene: Mryolo_61 Start: 41657, Stop: 40836, Start Num: 53

Candidate Starts for Mryolo_61:

(Start: 53 @41657 has 118 MA's), (Start: 57 @41645 has 99 MA's), (92, 41414), (95, 41402), (102, 41360), (103, 41348), (129, 41207), (140, 41129), (162, 40979), (189, 40856),

Gene: MuchMore_72 Start: 41995, Stop: 41186, Start Num: 55

Candidate Starts for MuchMore_72:

(Start: 55 @41995 has 570 MA's), (58, 41974), (Start: 65 @41923 has 2 MA's), (96, 41734), (99, 41713), (121, 41611), (122, 41608), (128, 41569), (131, 41554), (140, 41494), (143, 41476), (145, 41452), (157, 41365), (158, 41356), (175, 41293), (189, 41221),

Gene: Mulciber_66 Start: 41036, Stop: 40239, Start Num: 55

Candidate Starts for Mulciber_66:

(Start: 55 @41036 has 570 MA's), (Start: 71 @40931 has 1 MA's), (Start: 72 @40928 has 33 MA's), (91, 40805), (116, 40679), (129, 40613), (140, 40538), (143, 40520), (145, 40496), (151, 40439), (158, 40400), (159, 40397), (162, 40388), (171, 40355), (183, 40292), (189, 40265),

Gene: Mule_60 Start: 41276, Stop: 40467, Start Num: 57

Candidate Starts for Mule_60:

(Start: 45 @41315 has 15 MA's), (Start: 57 @41276 has 99 MA's), (92, 41045), (95, 41033), (102, 40991), (103, 40979), (129, 40838), (140, 40760), (162, 40610), (173, 40568), (174, 40562), (189, 40487),

Gene: Munch_67 Start: 41499, Stop: 40702, Start Num: 55

Candidate Starts for Munch_67:

(Start: 55 @41499 has 570 MA's), (Start: 71 @41394 has 1 MA's), (Start: 72 @41391 has 33 MA's), (91, 41268), (116, 41142), (129, 41076), (140, 41001), (143, 40983), (145, 40959), (151, 40902), (158, 40863), (159, 40860), (162, 40851), (171, 40818), (183, 40755), (189, 40728),

Gene: Mundrea_63 Start: 42147, Stop: 41347, Start Num: 55

Candidate Starts for Mundrea_63:

(Start: 55 @42147 has 570 MA's), (Start: 57 @42135 has 99 MA's), (Start: 62 @42087 has 31 MA's), (Start: 66 @42069 has 1 MA's), (78, 41994), (90, 41913), (96, 41886), (121, 41763), (129, 41718), (136, 41655), (139, 41646), (140, 41643), (143, 41625), (157, 41514), (160, 41499), (162, 41493), (164, 41484), (177, 41421), (189, 41370),

Gene: Museum_65 Start: 43603, Stop: 42782, Start Num: 53

Candidate Starts for Museum_65:

(Start: 53 @43603 has 118 MA's), (Start: 57 @43591 has 99 MA's), (92, 43360), (95, 43348), (102, 43306), (103, 43294), (129, 43153), (140, 43075), (162, 42925), (189, 42802),

Gene: MyraDee_67 Start: 39869, Stop: 39123, Start Num: 61

Candidate Starts for MyraDee_67:

(18, 40061), (Start: 61 @39869 has 6 MA's), (Start: 62 @39866 has 31 MA's), (78, 39773), (93, 39680), (96, 39665), (99, 39644), (121, 39542), (129, 39497), (139, 39422), (140, 39419), (143, 39401), (158, 39281), (189, 39146),

Gene: Myxus_71 Start: 42253, Stop: 41444, Start Num: 55

Candidate Starts for Myxus_71:

(Start: 55 @42253 has 570 MA's), (84, 42073), (89, 42028), (91, 42016), (95, 41998), (117, 41881), (129, 41821), (140, 41746), (143, 41728), (145, 41704), (151, 41647), (157, 41617), (158, 41608), (186, 41482), (189, 41470),

Gene: NEHalo_61 Start: 42413, Stop: 41601, Start Num: 57

Candidate Starts for NEHalo_61:

(Start: 45 @42452 has 15 MA's), (Start: 57 @42413 has 99 MA's), (92, 42182), (95, 42170), (99, 42143), (102, 42128), (103, 42116), (129, 41975), (140, 41897), (164, 41738), (173, 41705), (189, 41624),

Gene: NaSiaTalie_68 Start: 42297, Stop: 41491, Start Num: 51

Candidate Starts for NaSiaTalie_68:

(Start: 51 @42297 has 57 MA's), (Start: 62 @42237 has 31 MA's), (91, 42060), (129, 41865), (140, 41790), (143, 41772), (145, 41748), (151, 41691), (157, 41661), (158, 41652), (164, 41631), (189, 41517),

Gene: Nabi_36 Start: 27053, Stop: 27859, Start Num: 63

Candidate Starts for Nabi_36:

(27, 26909), (31, 26918), (Start: 55 @26984 has 570 MA's), (Start: 63 @27053 has 3 MA's), (Start: 72 @27104 has 33 MA's), (83, 27164), (87, 27197), (92, 27233), (97, 27257), (99, 27272), (127, 27419), (129, 27425), (132, 27440), (137, 27479), (140, 27488), (145, 27530), (156, 27620), (175, 27692), (176, 27704), (188, 27761), (207, 27842), (208, 27845),

Gene: Naca_65 Start: 42279, Stop: 41473, Start Num: 55

Candidate Starts for Naca_65:

(28, 42354), (Start: 55 @42279 has 570 MA's), (60, 42228), (Start: 62 @42219 has 31 MA's), (91, 42042), (95, 42024), (96, 42018), (108, 41958), (111, 41943), (112, 41940), (116, 41913), (121, 41892), (129, 41847), (139, 41772), (140, 41769), (143, 41751), (145, 41727), (149, 41709), (157, 41640), (158, 41631), (159, 41628), (175, 41568), (181, 41532), (189, 41496), (191, 41487),

Gene: Naiad_52 Start: 38040, Stop: 37159, Start Num: 55

Candidate Starts for Naiad_52:

(Start: 55 @38040 has 570 MA's), (Start: 59 @38013 has 2 MA's), (Start: 72 @37926 has 33 MA's), (79, 37884), (86, 37851), (96, 37779), (108, 37722), (129, 37611), (133, 37590), (134, 37587), (140, 37539), (143, 37521), (145, 37497), (146, 37494), (152, 37431), (158, 37401), (175, 37338), (189, 37266),

Gene: Naira_65 Start: 43636, Stop: 42815, Start Num: 54

Candidate Starts for Naira_65:

(30, 43705), (Start: 54 @43636 has 2 MA's), (Start: 57 @43624 has 99 MA's), (92, 43393), (95, 43381), (99, 43354), (102, 43339), (103, 43327), (121, 43231), (129, 43186), (140, 43108), (162, 42958), (173, 42916), (175, 42907), (189, 42835),

Gene: Naji_70 Start: 42628, Stop: 41882, Start Num: 62

Candidate Starts for Naji_70:

(Start: 62 @42628 has 31 MA's), (Start: 70 @42580 has 1 MA's), (116, 42322), (130, 42253), (140, 42181), (143, 42163), (145, 42139), (157, 42052), (158, 42043), (185, 41929), (189, 41908),

Gene: Nancinator_53 Start: 37960, Stop: 37079, Start Num: 55

Candidate Starts for Nancinator_53:

(Start: 55 @37960 has 570 MA's), (Start: 59 @37933 has 2 MA's), (Start: 72 @37846 has 33 MA's), (79, 37804), (86, 37771), (96, 37699), (108, 37642), (129, 37531), (133, 37510), (134, 37507), (140, 37459), (143, 37441), (145, 37417), (146, 37414), (152, 37351), (158, 37321), (175, 37258), (189, 37186),

Gene: Nanodon_37 Start: 26870, Stop: 27625, Start Num: 72

Candidate Starts for Nanodon_37:

(3, 26354), (9, 26540), (27, 26675), (31, 26684), (Start: 55 @26750 has 570 MA's), (Start: 72 @26870 has 33 MA's), (80, 26921), (83, 26930), (87, 26963), (92, 26999), (97, 27023), (99, 27038), (119, 27134), (127, 27185), (129, 27191), (132, 27206), (137, 27245), (139, 27251), (140, 27254), (145, 27296), (175, 27458), (176, 27470), (185, 27509), (188, 27527), (207, 27608), (208, 27611), (209, 27614),

Gene: Natosaleda_52 Start: 37959, Stop: 37078, Start Num: 55

Candidate Starts for Natosaleda_52:

(Start: 55 @37959 has 570 MA's), (Start: 59 @37932 has 2 MA's), (Start: 72 @37845 has 33 MA's), (79, 37803), (86, 37770), (96, 37698), (108, 37641), (129, 37530), (133, 37509), (134, 37506), (140, 37458), (143, 37440), (145, 37416), (146, 37413), (152, 37350), (158, 37320), (175, 37257), (189, 37185),

Gene: NearlyHeadless_78 Start: 43226, Stop: 42426, Start Num: 55

Candidate Starts for NearlyHeadless_78:

(42, 43265), (48, 43241), (Start: 55 @43226 has 570 MA's), (Start: 62 @43166 has 31 MA's), (81, 43058), (96, 42965), (112, 42887), (129, 42794), (139, 42725), (140, 42722), (143, 42704), (149, 42662), (151, 42623), (158, 42584), (159, 42581), (162, 42572), (173, 42530), (175, 42521), (181, 42485), (189, 42449), (192, 42431),

Gene: Nebs_65 Start: 41896, Stop: 41090, Start Num: 55

Candidate Starts for Nebs_65:

(Start: 55 @41896 has 570 MA's), (Start: 57 @41884 has 99 MA's), (Start: 66 @41818 has 1 MA's), (78, 41743), (90, 41662), (96, 41635), (121, 41512), (128, 41470), (129, 41467), (136, 41404), (139, 41395), (140, 41392), (143, 41374), (148, 41341), (151, 41293), (160, 41248), (162, 41242), (164, 41233), (177, 41170), (189, 41119),

Gene: Nebulosus_74 Start: 42227, Stop: 41484, Start Num: 61

Candidate Starts for Nebulosus_74:

(Start: 45 @42314 has 15 MA's), (Start: 61 @42227 has 6 MA's), (68, 42197), (Start: 70 @42176 has 1 MA's), (78, 42131), (81, 42116), (86, 42095), (90, 42050), (91, 42047), (92, 42041), (93, 42038), (110, 41954), (116, 41918), (121, 41897), (129, 41852), (140, 41780), (143, 41762), (151, 41681), (159, 41639), (189, 41507),

Gene: Nedarya_73 Start: 42862, Stop: 42089, Start Num: 59

Candidate Starts for Nedarya_73:

(Start: 59 @42862 has 2 MA's), (Start: 65 @42817 has 2 MA's), (78, 42736), (90, 42655), (91, 42652), (92, 42646), (110, 42559), (129, 42457), (143, 42367), (145, 42343), (157, 42256), (158, 42247), (189, 42112),

Gene: Neeharika16_69 Start: 40495, Stop: 39689, Start Num: 55

Candidate Starts for Neeharika16_69:

(38, 40546), (41, 40537), (Start: 55 @40495 has 570 MA's), (91, 40258), (129, 40063), (140, 39988), (143, 39970), (145, 39946), (157, 39859), (158, 39850), (159, 39847), (185, 39736), (189, 39715),

Gene: Nemo27_63 Start: 41883, Stop: 41077, Start Num: 55

Candidate Starts for Nemo27_63:

(Start: 39 @41928 has 1 MA's), (Start: 55 @41883 has 570 MA's), (Start: 57 @41871 has 99 MA's), (Start: 66 @41805 has 1 MA's), (78, 41730), (90, 41649), (96, 41622), (121, 41499), (128, 41457), (129, 41454), (136, 41391), (139, 41382), (140, 41379), (143, 41361), (148, 41328), (151, 41280), (160, 41235), (162, 41229), (164, 41220), (177, 41157), (189, 41106),

Gene: Nerdos_34 Start: 26108, Stop: 26983, Start Num: 55

Candidate Starts for Nerdos_34:

(1, 25634), (2, 25682), (6, 25754), (7, 25799), (10, 25901), (21, 26018), (31, 26042), (Start: 55 @26108 has 570 MA's), (Start: 72 @26228 has 33 MA's), (83, 26288), (87, 26321), (92, 26357), (97, 26381), (99, 26396), (119, 26492), (127, 26543), (129, 26549), (132, 26564), (137, 26603), (140, 26612), (153, 26732), (175, 26816), (176, 26828), (188, 26885), (207, 26966), (208, 26969),

Gene: Nerujay_65 Start: 43214, Stop: 42393, Start Num: 53

Candidate Starts for Nerujay_65:

(Start: 53 @43214 has 118 MA's), (Start: 57 @43202 has 99 MA's), (92, 42971), (95, 42959), (102, 42917), (103, 42905), (129, 42764), (140, 42686), (173, 42494), (189, 42413),

Gene: Newrala_70 Start: 41035, Stop: 40229, Start Num: 55

Candidate Starts for Newrala_70:

(38, 41086), (41, 41077), (Start: 55 @41035 has 570 MA's), (91, 40798), (129, 40603), (140, 40528), (143, 40510), (145, 40486), (157, 40399), (158, 40390), (159, 40387), (185, 40276), (189, 40255),

Gene: Nhonho_62 Start: 42739, Stop: 41918, Start Num: 53

Candidate Starts for Nhonho_62:

(Start: 53 @42739 has 118 MA's), (Start: 57 @42727 has 99 MA's), (92, 42496), (95, 42484), (99, 42457), (103, 42430), (129, 42289), (140, 42211), (162, 42061), (173, 42019), (174, 42013), (189, 41938),

Gene: NicoleTera_66 Start: 42613, Stop: 41885, Start Num: 66

Candidate Starts for NicoleTera_66:

(Start: 62 @42631 has 31 MA's), (Start: 66 @42613 has 1 MA's), (78, 42538), (81, 42523), (91, 42454), (117, 42319), (129, 42259), (140, 42184), (143, 42166), (145, 42142), (151, 42085), (157, 42055), (158, 42046), (159, 42043), (164, 42025), (189, 41911),

Gene: Nishikigoi_37 Start: 27154, Stop: 28038, Start Num: 55

Candidate Starts for Nishikigoi_37:

(27, 27079), (31, 27088), (Start: 55 @27154 has 570 MA's), (Start: 67 @27241 has 12 MA's), (68, 27247), (Start: 72 @27274 has 33 MA's), (80, 27325), (83, 27334), (87, 27367), (92, 27403), (94, 27412), (97, 27427), (99, 27442), (127, 27589), (132, 27610), (137, 27649), (139, 27655), (140, 27658), (164, 27820), (173, 27853), (176, 27874), (185, 27913), (205, 28009), (209, 28021), (211, 28027),

Gene: Niza_65 Start: 43884, Stop: 43063, Start Num: 53

Candidate Starts for Niza_65:

(Start: 53 @43884 has 118 MA's), (Start: 57 @43872 has 99 MA's), (92, 43641), (95, 43629), (102, 43587), (103, 43575), (129, 43434), (140, 43356), (162, 43206), (173, 43164), (174, 43158), (189,

43083),

Gene: Noella_65 Start: 41705, Stop: 40908, Start Num: 55

Candidate Starts for Noella_65:

(Start: 55 @41705 has 570 MA's), (Start: 62 @41645 has 31 MA's), (78, 41552), (90, 41471), (96, 41444), (121, 41321), (128, 41279), (129, 41276), (140, 41204), (143, 41186), (157, 41075), (159, 41063), (162, 41054), (164, 41045), (169, 41027), (175, 41003), (177, 40982), (181, 40967), (189, 40931),

Gene: Noelle_64 Start: 42462, Stop: 41662, Start Num: 55

Candidate Starts for Noelle_64:

(Start: 55 @42462 has 570 MA's), (Start: 57 @42450 has 99 MA's), (Start: 62 @42402 has 31 MA's), (Start: 66 @42384 has 1 MA's), (78, 42309), (79, 42306), (90, 42228), (96, 42201), (121, 42078), (129, 42033), (136, 41970), (139, 41961), (140, 41958), (143, 41940), (148, 41907), (160, 41814), (162, 41808), (164, 41799), (177, 41736), (189, 41685),

Gene: Norbert_62 Start: 41704, Stop: 40907, Start Num: 55

Candidate Starts for Norbert_62:

(Start: 55 @41704 has 570 MA's), (Start: 62 @41644 has 31 MA's), (78, 41551), (90, 41470), (96, 41443), (121, 41320), (128, 41278), (129, 41275), (140, 41203), (143, 41185), (157, 41074), (159, 41062), (162, 41053), (164, 41044), (169, 41026), (175, 41002), (177, 40981), (181, 40966), (189, 40930),

Gene: NorthStar_62 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for NorthStar_62:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Norz_63 Start: 44289, Stop: 43480, Start Num: 57

Candidate Starts for Norz_63:

(Start: 45 @44328 has 15 MA's), (Start: 57 @44289 has 99 MA's), (92, 44058), (95, 44046), (102, 44004), (103, 43992), (129, 43851), (138, 43779), (140, 43773), (159, 43632), (164, 43614), (189, 43500),

Gene: NotAPhaseMom_63 Start: 41888, Stop: 41082, Start Num: 55

Candidate Starts for NotAPhaseMom_63:

(Start: 39 @41933 has 1 MA's), (Start: 55 @41888 has 570 MA's), (Start: 57 @41876 has 99 MA's), (Start: 66 @41810 has 1 MA's), (78, 41735), (90, 41654), (96, 41627), (121, 41504), (128, 41462), (129, 41459), (136, 41396), (139, 41387), (140, 41384), (143, 41366), (148, 41333), (151, 41285), (160, 41240), (162, 41234), (164, 41225), (177, 41162), (189, 41111),

Gene: NothingSpecial_65 Start: 42886, Stop: 42080, Start Num: 52

Candidate Starts for NothingSpecial_65:

(Start: 52 @42886 has 49 MA's), (60, 42835), (81, 42718), (91, 42649), (101, 42595), (117, 42514), (130, 42451), (140, 42379), (143, 42361), (145, 42337), (148, 42328), (151, 42280), (157, 42250), (158, 42241), (164, 42220), (189, 42106),

Gene: Noxious_60 Start: 41770, Stop: 40961, Start Num: 57

Candidate Starts for Noxious_60:

(Start: 45 @41809 has 15 MA's), (Start: 57 @41770 has 99 MA's), (92, 41539), (95, 41527), (102, 41485), (103, 41473), (129, 41332), (140, 41254), (162, 41104), (173, 41062), (175, 41053), (189,

40981),

Gene: Nyxis_63 Start: 41774, Stop: 40968, Start Num: 55

Candidate Starts for Nyxis_63:

(Start: 39 @41819 has 1 MA's), (Start: 55 @41774 has 570 MA's), (Start: 57 @41762 has 99 MA's), (Start: 66 @41696 has 1 MA's), (78, 41621), (90, 41540), (96, 41513), (121, 41390), (128, 41348), (129, 41345), (136, 41282), (139, 41273), (140, 41270), (143, 41252), (151, 41171), (160, 41126), (162, 41120), (164, 41111), (177, 41048), (189, 40997),

Gene: OKCentral2016_61 Start: 40482, Stop: 39685, Start Num: 55

Candidate Starts for OKCentral2016_61:

(Start: 55 @40482 has 570 MA's), (Start: 59 @40455 has 2 MA's), (Start: 62 @40422 has 31 MA's), (Start: 66 @40404 has 1 MA's), (78, 40329), (84, 40302), (90, 40248), (96, 40221), (121, 40098), (129, 40053), (130, 40050), (140, 39981), (143, 39963), (159, 39840), (175, 39780), (177, 39759), (181, 39744), (183, 39735), (189, 39708),

Gene: OKaNui_64 Start: 41934, Stop: 41128, Start Num: 55

Candidate Starts for OKaNui_64:

(Start: 55 @41934 has 570 MA's), (Start: 57 @41922 has 99 MA's), (Start: 66 @41856 has 1 MA's), (78, 41781), (90, 41700), (96, 41673), (121, 41550), (128, 41508), (129, 41505), (136, 41442), (139, 41433), (140, 41430), (143, 41412), (148, 41379), (151, 41331), (160, 41286), (162, 41280), (164, 41271), (177, 41208), (189, 41157),

Gene: Obama12_65 Start: 42280, Stop: 41474, Start Num: 55

Candidate Starts for Obama12_65:

(Start: 39 @42325 has 1 MA's), (Start: 55 @42280 has 570 MA's), (Start: 57 @42268 has 99 MA's), (Start: 66 @42202 has 1 MA's), (78, 42127), (90, 42046), (96, 42019), (121, 41896), (128, 41854), (129, 41851), (136, 41788), (139, 41779), (140, 41776), (143, 41758), (151, 41677), (160, 41632), (162, 41626), (164, 41617), (177, 41554), (189, 41503),

Gene: Odin_68 Start: 41451, Stop: 40648, Start Num: 55

Candidate Starts for Odin_68:

(29, 41526), (Start: 55 @41451 has 570 MA's), (Start: 71 @41340 has 1 MA's), (Start: 73 @41334 has 2 MA's), (117, 41082), (129, 41022), (140, 40947), (143, 40929), (145, 40905), (151, 40848), (157, 40818), (158, 40809), (162, 40797), (189, 40674),

Gene: Ohfah_65 Start: 41896, Stop: 41090, Start Num: 55

Candidate Starts for Ohfah_65:

(Start: 55 @41896 has 570 MA's), (Start: 57 @41884 has 99 MA's), (Start: 66 @41818 has 1 MA's), (78, 41743), (90, 41662), (96, 41635), (121, 41512), (128, 41470), (129, 41467), (136, 41404), (139, 41395), (140, 41392), (143, 41374), (148, 41341), (151, 41293), (160, 41248), (162, 41242), (164, 41233), (177, 41170), (189, 41119),

Gene: Ohno789_64 Start: 42718, Stop: 41897, Start Num: 53

Candidate Starts for Ohno789_64:

(Start: 53 @42718 has 118 MA's), (Start: 57 @42706 has 99 MA's), (92, 42475), (95, 42463), (102, 42421), (103, 42409), (129, 42268), (140, 42190), (162, 42040), (173, 41998), (175, 41989), (189, 41917),

Gene: OlanP_68 Start: 42063, Stop: 41254, Start Num: 55

Candidate Starts for OlanP_68:

(Start: 55 @42063 has 570 MA's), (58, 42042), (96, 41802), (99, 41781), (121, 41679), (122, 41676), (128, 41637), (131, 41622), (140, 41562), (143, 41544), (145, 41520), (157, 41433), (158, 41424),

(175, 41361), (189, 41289),

Gene: Olicious_63 Start: 32723, Stop: 31869, Start Num: 51

Candidate Starts for Olicious_63:

(Start: 51 @32723 has 57 MA's), (Start: 72 @32609 has 33 MA's), (75, 32585), (76, 32576), (77, 32573), (78, 32570), (80, 32558), (83, 32549), (88, 32495), (90, 32483), (92, 32474), (100, 32432), (118, 32345), (125, 32315), (132, 32273), (140, 32225), (142, 32210), (143, 32207), (154, 32117), (174, 32039), (180, 32006), (185, 31985),

Gene: Oliynyk_36 Start: 26587, Stop: 27342, Start Num: 72

Candidate Starts for Oliynyk_36:

(4, 26092), (31, 26401), (Start: 55 @26467 has 570 MA's), (Start: 72 @26587 has 33 MA's), (83, 26647), (87, 26680), (92, 26716), (97, 26740), (99, 26755), (119, 26851), (127, 26902), (129, 26908), (132, 26923), (137, 26962), (140, 26971), (175, 27175), (176, 27187), (188, 27244), (207, 27325), (208, 27328),

Gene: Ollie_69 Start: 41874, Stop: 41065, Start Num: 55

Candidate Starts for Ollie_69:

(Start: 55 @41874 has 570 MA's), (58, 41853), (Start: 65 @41802 has 2 MA's), (96, 41613), (99, 41592), (121, 41490), (122, 41487), (128, 41448), (131, 41433), (140, 41373), (143, 41355), (145, 41331), (157, 41244), (158, 41235), (175, 41172), (189, 41100),

Gene: Omar_38 Start: 27388, Stop: 28266, Start Num: 55

Candidate Starts for Omar_38:

(Start: 55 @27388 has 570 MA's), (68, 27481), (Start: 72 @27508 has 33 MA's), (80, 27559), (83, 27568), (84, 27574), (87, 27601), (92, 27637), (94, 27646), (97, 27661), (99, 27676), (127, 27823), (129, 27829), (132, 27844), (137, 27883), (139, 27889), (140, 27892), (145, 27934), (173, 28087), (176, 28108), (185, 28147), (211, 28255),

Gene: Onglai_69 Start: 40457, Stop: 39648, Start Num: 55

Candidate Starts for Onglai_69:

(Start: 55 @40457 has 570 MA's), (84, 40277), (89, 40232), (91, 40220), (95, 40202), (117, 40085), (129, 40025), (140, 39950), (143, 39932), (145, 39908), (151, 39851), (157, 39821), (158, 39812), (186, 39686), (189, 39674),

Gene: Oofda_77 Start: 42842, Stop: 42009, Start Num: 44

Candidate Starts for Oofda_77:

(Start: 44 @42842 has 1 MA's), (Start: 61 @42752 has 6 MA's), (68, 42722), (Start: 70 @42701 has 1 MA's), (78, 42656), (81, 42641), (86, 42620), (90, 42575), (91, 42572), (92, 42566), (93, 42563), (110, 42479), (116, 42443), (121, 42422), (129, 42377), (140, 42305), (143, 42287), (145, 42263), (151, 42206), (158, 42167), (159, 42164), (189, 42032),

Gene: Oogway_62 Start: 42932, Stop: 42123, Start Num: 57

Candidate Starts for Oogway_62:

(Start: 45 @42971 has 15 MA's), (Start: 57 @42932 has 99 MA's), (92, 42701), (95, 42689), (102, 42647), (103, 42635), (129, 42494), (140, 42416), (162, 42266), (173, 42224), (175, 42215), (189, 42143),

Gene: Orange_66 Start: 41048, Stop: 40251, Start Num: 55

Candidate Starts for Orange_66:

(Start: 55 @41048 has 570 MA's), (Start: 71 @40943 has 1 MA's), (Start: 72 @40940 has 33 MA's), (91, 40817), (116, 40691), (129, 40625), (140, 40550), (143, 40532), (145, 40508), (151, 40451), (158, 40412), (159, 40409), (162, 40400), (171, 40367), (183, 40304), (189, 40277),

Gene: Ouroboros_33 Start: 22771, Stop: 21908, Start Num: 55

Candidate Starts for Ouroboros_33:

(Start: 55 @22771 has 570 MA's), (68, 22675), (Start: 72 @22648 has 33 MA's), (79, 22606), (82, 22591), (87, 22555), (120, 22381), (123, 22363), (125, 22357), (132, 22315), (140, 22267), (166, 22108), (206, 21934),

Gene: Ozzie_35 Start: 26213, Stop: 26968, Start Num: 72

Candidate Starts for Ozzie_35:

(4, 25718), (31, 26027), (Start: 55 @26093 has 570 MA's), (Start: 72 @26213 has 33 MA's), (83, 26273), (87, 26306), (92, 26342), (97, 26366), (99, 26381), (119, 26477), (127, 26528), (129, 26534), (132, 26549), (137, 26588), (140, 26597), (153, 26717), (175, 26801), (176, 26813), (188, 26870), (207, 26951), (208, 26954),

Gene: OzzyJ_36 Start: 26592, Stop: 27347, Start Num: 72

Candidate Starts for OzzyJ_36:

(8, 26232), (11, 26280), (27, 26397), (Start: 55 @26472 has 570 MA's), (Start: 72 @26592 has 33 MA's), (83, 26652), (86, 26667), (87, 26685), (92, 26721), (97, 26745), (99, 26760), (119, 26856), (127, 26907), (129, 26913), (132, 26928), (137, 26967), (139, 26973), (140, 26976), (145, 27018), (175, 27180), (176, 27192), (188, 27249), (207, 27330), (208, 27333),

Gene: P1.1_33 Start: 22789, Stop: 21836, Start Num: 55

Candidate Starts for P1.1_33:

(Start: 55 @22789 has 570 MA's), (68, 22693), (Start: 72 @22666 has 33 MA's), (79, 22624), (82, 22609), (87, 22573), (120, 22399), (123, 22381), (125, 22375), (132, 22333), (140, 22285), (143, 22267), (206, 21952), (212, 21844),

Gene: P100.1_33 Start: 22833, Stop: 21970, Start Num: 55

Candidate Starts for P100.1_33:

(Start: 55 @22833 has 570 MA's), (Start: 65 @22755 has 2 MA's), (68, 22737), (Start: 70 @22716 has 1 MA's), (Start: 72 @22710 has 33 MA's), (79, 22668), (82, 22653), (87, 22617), (120, 22443), (123, 22425), (125, 22419), (132, 22377), (140, 22329), (206, 21996),

Gene: P100A_33 Start: 22776, Stop: 21913, Start Num: 55

Candidate Starts for P100A_33:

(Start: 55 @22776 has 570 MA's), (68, 22680), (Start: 72 @22653 has 33 MA's), (79, 22611), (82, 22596), (87, 22560), (120, 22386), (123, 22368), (125, 22362), (131, 22323), (132, 22320), (140, 22272), (143, 22254), (166, 22113), (178, 22053), (206, 21939),

Gene: P100D_33 Start: 22769, Stop: 21816, Start Num: 55

Candidate Starts for P100D_33:

(Start: 55 @22769 has 570 MA's), (68, 22673), (Start: 72 @22646 has 33 MA's), (79, 22604), (82, 22589), (87, 22553), (120, 22379), (123, 22361), (125, 22355), (132, 22313), (140, 22265), (178, 22046), (179, 22043), (206, 21932), (212, 21824),

Gene: P101A_33 Start: 22795, Stop: 21842, Start Num: 55

Candidate Starts for P101A_33:

(Start: 55 @22795 has 570 MA's), (68, 22699), (Start: 72 @22672 has 33 MA's), (79, 22630), (82, 22615), (87, 22579), (120, 22405), (121, 22399), (123, 22387), (125, 22381), (132, 22339), (140, 22291), (206, 21958), (212, 21850),

Gene: P104A_33 Start: 22564, Stop: 21701, Start Num: 55

Candidate Starts for P104A_33:

(Start: 55 @22564 has 570 MA's), (68, 22468), (Start: 72 @22441 has 33 MA's), (79, 22399), (82, 22384), (87, 22348), (120, 22174), (123, 22156), (125, 22150), (132, 22108), (140, 22060), (143, 22042), (166, 21901), (206, 21727),

Gene: P104B_33 Start: 22759, Stop: 21896, Start Num: 55

Candidate Starts for P104B_33:

(Start: 55 @22759 has 570 MA's), (68, 22663), (Start: 72 @22636 has 33 MA's), (79, 22594), (82, 22579), (87, 22543), (120, 22369), (123, 22351), (125, 22345), (132, 22303), (140, 22255), (143, 22237), (166, 22096), (178, 22036), (206, 21922),

Gene: P105_33 Start: 22424, Stop: 21471, Start Num: 55

Candidate Starts for P105_33:

(Start: 55 @22424 has 570 MA's), (Start: 65 @22346 has 2 MA's), (68, 22328), (Start: 70 @22307 has 1 MA's), (Start: 72 @22301 has 33 MA's), (79, 22259), (82, 22244), (87, 22208), (120, 22034), (123, 22016), (125, 22010), (132, 21968), (140, 21920), (143, 21902), (163, 21773), (178, 21701), (179, 21698), (206, 21587), (212, 21479),

Gene: P106A_33 Start: 22850, Stop: 21987, Start Num: 55

Candidate Starts for P106A_33:

(Start: 55 @22850 has 570 MA's), (68, 22754), (Start: 70 @22733 has 1 MA's), (Start: 71 @22730 has 1 MA's), (Start: 72 @22727 has 33 MA's), (79, 22685), (82, 22670), (87, 22634), (120, 22460), (121, 22454), (123, 22442), (125, 22436), (132, 22394), (140, 22346), (166, 22187), (178, 22127), (206, 22013),

Gene: P106C_34 Start: 22788, Stop: 21925, Start Num: 55

Candidate Starts for P106C_34:

(Start: 55 @22788 has 570 MA's), (68, 22692), (Start: 70 @22671 has 1 MA's), (Start: 71 @22668 has 1 MA's), (Start: 72 @22665 has 33 MA's), (79, 22623), (82, 22608), (87, 22572), (120, 22398), (121, 22392), (123, 22380), (125, 22374), (132, 22332), (140, 22284), (166, 22125), (178, 22065), (206, 21951),

Gene: P106I_33 Start: 22617, Stop: 21754, Start Num: 55

Candidate Starts for P106I_33:

(Start: 55 @22617 has 570 MA's), (68, 22521), (Start: 70 @22500 has 1 MA's), (Start: 71 @22497 has 1 MA's), (Start: 72 @22494 has 33 MA's), (79, 22452), (82, 22437), (87, 22401), (120, 22227), (121, 22221), (123, 22209), (125, 22203), (132, 22161), (140, 22113), (166, 21954), (178, 21894), (206, 21780),

Gene: P106L_33 Start: 22788, Stop: 21925, Start Num: 55

Candidate Starts for P106L_33:

(Start: 55 @22788 has 570 MA's), (68, 22692), (Start: 70 @22671 has 1 MA's), (Start: 71 @22668 has 1 MA's), (Start: 72 @22665 has 33 MA's), (79, 22623), (82, 22608), (87, 22572), (120, 22398), (121, 22392), (123, 22380), (125, 22374), (132, 22332), (140, 22284), (166, 22125), (178, 22065), (206, 21951),

Gene: P106M_33 Start: 22788, Stop: 21925, Start Num: 55

Candidate Starts for P106M_33:

(Start: 55 @22788 has 570 MA's), (68, 22692), (Start: 70 @22671 has 1 MA's), (Start: 71 @22668 has 1 MA's), (Start: 72 @22665 has 33 MA's), (79, 22623), (82, 22608), (87, 22572), (120, 22398), (121, 22392), (123, 22380), (125, 22374), (132, 22332), (140, 22284), (166, 22125), (178, 22065), (206, 21951),

Gene: P107A_33 Start: 22804, Stop: 21941, Start Num: 55

Candidate Starts for P107A_33:

(Start: 55 @22804 has 570 MA's), (68, 22708), (Start: 72 @22681 has 33 MA's), (79, 22639), (82, 22624), (87, 22588), (120, 22414), (123, 22396), (125, 22390), (132, 22348), (140, 22300), (166, 22141), (178, 22081), (206, 21967),

Gene: P107C_33 Start: 22741, Stop: 21878, Start Num: 55

Candidate Starts for P107C_33:

(Start: 55 @22741 has 570 MA's), (68, 22645), (Start: 72 @22618 has 33 MA's), (79, 22576), (82, 22561), (87, 22525), (120, 22351), (121, 22345), (123, 22333), (125, 22327), (132, 22285), (140, 22237), (166, 22078), (206, 21904),

Gene: P108C_33 Start: 22755, Stop: 21892, Start Num: 55

Candidate Starts for P108C_33:

(Start: 55 @22755 has 570 MA's), (68, 22659), (Start: 72 @22632 has 33 MA's), (79, 22590), (82, 22575), (87, 22539), (120, 22365), (123, 22347), (125, 22341), (132, 22299), (140, 22251), (178, 22032), (206, 21918),

Gene: P14.4_33 Start: 22757, Stop: 21804, Start Num: 55

Candidate Starts for P14.4_33:

(Start: 55 @22757 has 570 MA's), (68, 22661), (Start: 72 @22634 has 33 MA's), (79, 22592), (82, 22577), (87, 22541), (120, 22367), (123, 22349), (125, 22343), (132, 22301), (140, 22253), (163, 22106), (178, 22034), (179, 22031), (206, 21920),

Gene: P28Green_70 Start: 42006, Stop: 41197, Start Num: 55

Candidate Starts for P28Green_70:

(Start: 55 @42006 has 570 MA's), (58, 41985), (Start: 65 @41934 has 2 MA's), (96, 41745), (99, 41724), (121, 41622), (122, 41619), (128, 41580), (131, 41565), (140, 41505), (143, 41487), (145, 41463), (157, 41376), (158, 41367), (175, 41304), (189, 41232),

Gene: P9.1_33 Start: 22785, Stop: 21922, Start Num: 55

Candidate Starts for P9.1_33:

(Start: 55 @22785 has 570 MA's), (68, 22689), (Start: 72 @22662 has 33 MA's), (79, 22620), (82, 22605), (87, 22569), (120, 22395), (123, 22377), (125, 22371), (132, 22329), (140, 22281), (163, 22134), (178, 22062), (179, 22059), (206, 21948),

Gene: PA6_34 Start: 22749, Stop: 21796, Start Num: 55

Candidate Starts for PA6_34:

(Start: 55 @22749 has 570 MA's), (Start: 65 @22671 has 2 MA's), (68, 22653), (Start: 70 @22632 has 1 MA's), (Start: 72 @22626 has 33 MA's), (79, 22584), (82, 22569), (87, 22533), (120, 22359), (123, 22341), (125, 22335), (132, 22293), (140, 22245), (163, 22098), (206, 21912), (212, 21804),

Gene: PAD20_34 Start: 22529, Stop: 21666, Start Num: 55

Candidate Starts for PAD20_34:

(Start: 55 @22529 has 570 MA's), (68, 22433), (Start: 72 @22406 has 33 MA's), (79, 22364), (82, 22349), (87, 22313), (120, 22139), (121, 22133), (123, 22121), (125, 22115), (132, 22073), (140, 22025), (143, 22007), (206, 21692),

Gene: PAS50_34 Start: 22694, Stop: 21831, Start Num: 55

Candidate Starts for PAS50_34:

(Start: 55 @22694 has 570 MA's), (68, 22598), (Start: 72 @22571 has 33 MA's), (74, 22562), (79, 22529), (82, 22514), (87, 22478), (120, 22304), (121, 22298), (123, 22286), (125, 22280), (132, 22238), (135, 22217), (140, 22190), (143, 22172), (206, 21857),

Gene: PGHhamlin_71 Start: 41995, Stop: 41186, Start Num: 55

Candidate Starts for PGHhamlin_71:

(Start: 55 @41995 has 570 MA's), (58, 41974), (Start: 65 @41923 has 2 MA's), (96, 41734), (99, 41713), (121, 41611), (122, 41608), (128, 41569), (131, 41554), (140, 41494), (143, 41476), (145, 41452), (157, 41365), (158, 41356), (175, 41293), (189, 41221),

Gene: PHL010M04_33 Start: 22769, Stop: 21906, Start Num: 55

Candidate Starts for PHL010M04_33:

(Start: 55 @22769 has 570 MA's), (68, 22673), (Start: 70 @22652 has 1 MA's), (Start: 71 @22649 has 1 MA's), (Start: 72 @22646 has 33 MA's), (79, 22604), (82, 22589), (87, 22553), (120, 22379), (123, 22361), (125, 22355), (132, 22313), (140, 22265), (143, 22247), (166, 22106), (178, 22046), (179, 22043), (203, 21956), (206, 21932),

Gene: PHL037M02_33 Start: 22753, Stop: 21890, Start Num: 55

Candidate Starts for PHL037M02_33:

(Start: 55 @22753 has 570 MA's), (68, 22657), (Start: 72 @22630 has 33 MA's), (79, 22588), (82, 22573), (87, 22537), (120, 22363), (123, 22345), (125, 22339), (132, 22297), (140, 22249), (166, 22090), (178, 22030), (179, 22027), (206, 21916),

Gene: PHL060L00_33 Start: 22599, Stop: 21736, Start Num: 55

Candidate Starts for PHL060L00_33:

(Start: 55 @22599 has 570 MA's), (68, 22503), (Start: 72 @22476 has 33 MA's), (79, 22434), (82, 22419), (87, 22383), (120, 22209), (123, 22191), (125, 22185), (132, 22143), (140, 22095), (166, 21936), (178, 21876), (206, 21762),

Gene: PHL067M10_33 Start: 22719, Stop: 21856, Start Num: 55

Candidate Starts for PHL067M10_33:

(Start: 55 @22719 has 570 MA's), (68, 22623), (Start: 70 @22602 has 1 MA's), (Start: 72 @22596 has 33 MA's), (79, 22554), (82, 22539), (87, 22503), (120, 22329), (123, 22311), (125, 22305), (132, 22263), (140, 22215), (166, 22056), (178, 21996), (179, 21993), (206, 21882),

Gene: PHL071N05_33 Start: 22778, Stop: 21915, Start Num: 55

Candidate Starts for PHL071N05_33:

(Start: 55 @22778 has 570 MA's), (68, 22682), (Start: 72 @22655 has 33 MA's), (79, 22613), (82, 22598), (87, 22562), (120, 22388), (123, 22370), (125, 22364), (132, 22322), (140, 22274), (143, 22256), (166, 22115), (178, 22055), (179, 22052), (206, 21941),

Gene: PHL111M01_33 Start: 22476, Stop: 21523, Start Num: 55

Candidate Starts for PHL111M01_33:

(Start: 55 @22476 has 570 MA's), (Start: 65 @22398 has 2 MA's), (68, 22380), (Start: 70 @22359 has 1 MA's), (Start: 72 @22353 has 33 MA's), (79, 22311), (82, 22296), (87, 22260), (120, 22086), (123, 22068), (125, 22062), (132, 22020), (140, 21972), (163, 21825), (178, 21753), (206, 21639), (212, 21531),

Gene: PHL112N00_33 Start: 22786, Stop: 21923, Start Num: 55

Candidate Starts for PHL112N00_33:

(Start: 55 @22786 has 570 MA's), (68, 22690), (Start: 72 @22663 has 33 MA's), (79, 22621), (82, 22606), (87, 22570), (120, 22396), (123, 22378), (125, 22372), (132, 22330), (140, 22282), (166, 22123), (178, 22063), (206, 21949),

Gene: PHL113M01_33 Start: 22525, Stop: 21572, Start Num: 55

Candidate Starts for PHL113M01_33:

(Start: 55 @22525 has 570 MA's), (Start: 65 @22447 has 2 MA's), (68, 22429), (Start: 70 @22408 has 1 MA's), (Start: 72 @22402 has 33 MA's), (79, 22360), (82, 22345), (87, 22309), (120, 22135), (123, 22117), (125, 22111), (132, 22069), (140, 22021), (143, 22003), (163, 21874), (206, 21688), (212, 21580),

Gene: PHL114L00_33 Start: 22741, Stop: 21878, Start Num: 55

Candidate Starts for PHL114L00_33:

(Start: 55 @22741 has 570 MA's), (68, 22645), (Start: 72 @22618 has 33 MA's), (79, 22576), (82, 22561), (87, 22525), (120, 22351), (121, 22345), (123, 22333), (125, 22327), (132, 22285), (140, 22237), (163, 22090), (178, 22018), (179, 22015), (206, 21904),

Gene: PP_68 Start: 46386, Stop: 45571, Start Num: 55

Candidate Starts for PP_68:

(Start: 55 @46386 has 570 MA's), (Start: 57 @46374 has 99 MA's), (Start: 62 @46326 has 31 MA's), (Start: 65 @46314 has 2 MA's), (Start: 71 @46275 has 1 MA's), (84, 46206), (89, 46161), (90, 46152), (91, 46149), (105, 46080), (128, 45960), (129, 45957), (140, 45882), (143, 45864), (148, 45831), (152, 45774), (162, 45732), (172, 45696), (175, 45681), (177, 45660), (189, 45609), (192, 45591),

Gene: PSullivan_61 Start: 40501, Stop: 39680, Start Num: 53

Candidate Starts for PSullivan_61:

(Start: 53 @40501 has 118 MA's), (Start: 57 @40489 has 99 MA's), (92, 40258), (95, 40246), (102, 40204), (103, 40192), (129, 40051), (140, 39973), (173, 39781), (174, 39775), (189, 39700),

Gene: Pablito_35 Start: 26828, Stop: 27589, Start Num: 72

Candidate Starts for Pablito_35:

(27, 26636), (Start: 55 @26708 has 570 MA's), (Start: 67 @26795 has 12 MA's), (68, 26801), (Start: 71 @26825 has 1 MA's), (Start: 72 @26828 has 33 MA's), (80, 26879), (83, 26888), (87, 26921), (92, 26957), (97, 26981), (99, 26996), (121, 27104), (132, 27164), (137, 27203), (140, 27212), (170, 27395), (176, 27428), (185, 27467), (207, 27566), (209, 27572),

Gene: PacerPaul_63 Start: 42273, Stop: 41452, Start Num: 53

Candidate Starts for PacerPaul_63:

(Start: 53 @42273 has 118 MA's), (Start: 57 @42261 has 99 MA's), (92, 42030), (95, 42018), (102, 41976), (103, 41964), (129, 41823), (140, 41745), (162, 41595), (189, 41472),

Gene: PackMan_70 Start: 42128, Stop: 41319, Start Num: 55

Candidate Starts for PackMan_70:

(Start: 55 @42128 has 570 MA's), (84, 41948), (89, 41903), (91, 41891), (95, 41873), (117, 41756), (129, 41696), (140, 41621), (143, 41603), (145, 41579), (151, 41522), (157, 41492), (158, 41483), (186, 41357), (189, 41345),

Gene: Paedore_35 Start: 27409, Stop: 28197, Start Num: 67

Candidate Starts for Paedore_35:

(27, 27247), (31, 27256), (Start: 55 @27322 has 570 MA's), (Start: 67 @27409 has 12 MA's), (Start: 72 @27442 has 33 MA's), (Start: 73 @27445 has 2 MA's), (79, 27484), (83, 27502), (87, 27535), (92, 27571), (97, 27595), (99, 27610), (119, 27706), (127, 27757), (129, 27763), (130, 27766), (132, 27778), (137, 27817), (140, 27826), (170, 28009), (173, 28021), (175, 28030), (176, 28042), (185, 28081), (201, 28147), (207, 28180), (210, 28183),

Gene: PainterBoy_71 Start: 42590, Stop: 41835, Start Num: 62

Candidate Starts for PainterBoy_71:

(Start: 62 @42590 has 31 MA's), (68, 42563), (Start: 70 @42542 has 1 MA's), (Start: 71 @42539 has 1 MA's), (84, 42470), (91, 42413), (117, 42278), (121, 42263), (128, 42221), (129, 42218), (133, 42197),

(140, 42143), (143, 42125), (145, 42101), (151, 42044), (157, 42014), (158, 42005), (164, 41984), (189, 41870),

Gene: Palestino_63 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Palestino_63:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Panamaxus_63 Start: 41704, Stop: 40907, Start Num: 55

Candidate Starts for Panamaxus_63:

(Start: 55 @41704 has 570 MA's), (Start: 62 @41644 has 31 MA's), (78, 41551), (90, 41470), (96, 41443), (121, 41320), (128, 41278), (129, 41275), (140, 41203), (143, 41185), (157, 41074), (159, 41062), (162, 41053), (164, 41044), (169, 41026), (175, 41002), (177, 40981), (181, 40966), (189, 40930),

Gene: Paolo_38 Start: 27812, Stop: 28609, Start Num: 67

Candidate Starts for Paolo_38:

(27, 27650), (Start: 55 @27725 has 570 MA's), (Start: 67 @27812 has 12 MA's), (Start: 72 @27845 has 33 MA's), (Start: 73 @27848 has 2 MA's), (80, 27896), (83, 27905), (84, 27911), (87, 27938), (92, 27974), (94, 27983), (97, 27998), (99, 28013), (129, 28166), (132, 28181), (137, 28220), (140, 28229), (145, 28271), (153, 28349), (173, 28424), (176, 28445), (185, 28484), (209, 28592),

Gene: Papez_65 Start: 43442, Stop: 42621, Start Num: 53

Candidate Starts for Papez_65:

(Start: 53 @43442 has 118 MA's), (Start: 57 @43430 has 99 MA's), (92, 43199), (95, 43187), (102, 43145), (103, 43133), (129, 42992), (140, 42914), (162, 42764), (173, 42722), (175, 42713), (189, 42641),

Gene: Paphu_63 Start: 42743, Stop: 41934, Start Num: 57

Candidate Starts for Paphu_63:

(Start: 45 @42782 has 15 MA's), (Start: 57 @42743 has 99 MA's), (92, 42512), (95, 42500), (99, 42473), (102, 42458), (103, 42446), (129, 42305), (138, 42233), (140, 42227), (173, 42035), (189, 41954),

Gene: Paraselene_63 Start: 42808, Stop: 41987, Start Num: 53

Candidate Starts for Paraselene_63:

(Start: 53 @42808 has 118 MA's), (Start: 57 @42796 has 99 MA's), (92, 42565), (95, 42553), (99, 42526), (102, 42511), (103, 42499), (129, 42358), (140, 42280), (162, 42130), (173, 42088), (174, 42082), (189, 42007),

Gene: Pari_66 Start: 41630, Stop: 40809, Start Num: 53

Candidate Starts for Pari_66:

(Start: 53 @41630 has 118 MA's), (92, 41387), (95, 41375), (99, 41348), (102, 41333), (103, 41321), (129, 41180), (140, 41102), (162, 40952), (182, 40862), (189, 40829),

Gene: Parliament_65 Start: 44535, Stop: 43726, Start Num: 57

Candidate Starts for Parliament_65:

(Start: 45 @44574 has 15 MA's), (Start: 57 @44535 has 99 MA's), (92, 44304), (95, 44292), (102, 44250), (103, 44238), (104, 44235), (129, 44097), (140, 44019), (162, 43869), (173, 43827), (175, 43818), (189, 43746),

Gene: Partridge_52 Start: 38317, Stop: 37436, Start Num: 55

Candidate Starts for Partridge_52:

(Start: 55 @38317 has 570 MA's), (Start: 59 @38290 has 2 MA's), (Start: 72 @38203 has 33 MA's), (79, 38161), (86, 38128), (96, 38056), (108, 37999), (129, 37888), (133, 37867), (134, 37864), (140, 37816), (143, 37798), (145, 37774), (146, 37771), (152, 37708), (157, 37687), (158, 37678), (175, 37615), (189, 37543),

Gene: PascalRango_61 Start: 41730, Stop: 40921, Start Num: 57

Candidate Starts for PascalRango_61:

(Start: 45 @41769 has 15 MA's), (Start: 57 @41730 has 99 MA's), (92, 41499), (95, 41487), (99, 41460), (102, 41445), (103, 41433), (129, 41292), (140, 41214), (151, 41115), (162, 41064), (189, 40941),

Gene: PattyP_65 Start: 43141, Stop: 42320, Start Num: 53

Candidate Starts for PattyP_65:

(Start: 53 @43141 has 118 MA's), (92, 42898), (95, 42886), (102, 42844), (103, 42832), (129, 42691), (140, 42613), (162, 42463), (173, 42421), (174, 42415), (189, 42340),

Gene: Pavo_37 Start: 28125, Stop: 29012, Start Num: 55

Candidate Starts for Pavo_37:

(27, 28056), (Start: 55 @28125 has 570 MA's), (Start: 72 @28245 has 33 MA's), (80, 28296), (83, 28305), (87, 28338), (92, 28374), (97, 28398), (99, 28413), (127, 28560), (129, 28566), (132, 28581), (137, 28620), (140, 28629), (153, 28749), (164, 28791), (176, 28845), (184, 28881), (185, 28884), (188, 28902), (194, 28929),

Gene: Pawn_69 Start: 41894, Stop: 41085, Start Num: 55

Candidate Starts for Pawn_69:

(Start: 55 @41894 has 570 MA's), (58, 41873), (96, 41633), (99, 41612), (121, 41510), (122, 41507), (127, 41471), (128, 41468), (131, 41453), (140, 41393), (143, 41375), (145, 41351), (157, 41264), (158, 41255), (175, 41192), (189, 41120),

Gene: Payneful_61 Start: 41398, Stop: 40589, Start Num: 57

Candidate Starts for Payneful_61:

(Start: 45 @41437 has 15 MA's), (Start: 57 @41398 has 99 MA's), (92, 41167), (95, 41155), (99, 41128), (102, 41113), (103, 41101), (129, 40960), (140, 40882), (162, 40732), (189, 40609),

Gene: PeaceMeal1_60 Start: 40016, Stop: 39219, Start Num: 55

Candidate Starts for PeaceMeal1_60:

(Start: 55 @40016 has 570 MA's), (Start: 62 @39956 has 31 MA's), (Start: 66 @39938 has 1 MA's), (78, 39863), (84, 39836), (90, 39782), (121, 39632), (129, 39587), (130, 39584), (140, 39515), (143, 39497), (159, 39374), (177, 39293), (185, 39263), (189, 39242),

Gene: Peaches_62 Start: 41883, Stop: 41077, Start Num: 55

Candidate Starts for Peaches_62:

(Start: 39 @41928 has 1 MA's), (Start: 55 @41883 has 570 MA's), (Start: 57 @41871 has 99 MA's), (Start: 66 @41805 has 1 MA's), (78, 41730), (90, 41649), (96, 41622), (121, 41499), (128, 41457), (129, 41454), (136, 41391), (139, 41382), (140, 41379), (143, 41361), (148, 41328), (151, 41280), (160, 41235), (162, 41229), (164, 41220), (177, 41157), (189, 41106),

Gene: Pelly_64 Start: 43956, Stop: 43135, Start Num: 53

Candidate Starts for Pelly_64:

(Start: 53 @43956 has 118 MA's), (Start: 57 @43944 has 99 MA's), (92, 43713), (95, 43701), (99, 43674), (102, 43659), (103, 43647), (104, 43644), (129, 43506), (140, 43428), (148, 43377), (162,

43278), (173, 43236), (175, 43227), (189, 43155),

Gene: Pembroke_69 Start: 42004, Stop: 41195, Start Num: 55

Candidate Starts for Pembroke_69:

(Start: 55 @42004 has 570 MA's), (58, 41983), (Start: 65 @41932 has 2 MA's), (96, 41743), (99, 41722), (121, 41620), (122, 41617), (128, 41578), (131, 41563), (140, 41503), (143, 41485), (145, 41461), (157, 41374), (158, 41365), (175, 41302), (189, 41230),

Gene: Penny1_69 Start: 42007, Stop: 41198, Start Num: 55

Candidate Starts for Penny1_69:

(Start: 55 @42007 has 570 MA's), (58, 41986), (Start: 65 @41935 has 2 MA's), (96, 41746), (99, 41725), (121, 41623), (122, 41620), (128, 41581), (131, 41566), (140, 41506), (143, 41488), (145, 41464), (157, 41377), (158, 41368), (175, 41305), (189, 41233),

Gene: Pepe_61 Start: 41072, Stop: 40251, Start Num: 53

Candidate Starts for Pepe_61:

(Start: 53 @41072 has 118 MA's), (Start: 57 @41060 has 99 MA's), (92, 40829), (95, 40817), (103, 40763), (129, 40622), (140, 40544), (162, 40394), (173, 40352), (174, 40346), (189, 40271),

Gene: Percastrophe_63 Start: 32657, Stop: 31803, Start Num: 51

Candidate Starts for Percastrophe_63:

(Start: 51 @32657 has 57 MA's), (Start: 72 @32543 has 33 MA's), (75, 32519), (77, 32507), (78, 32504), (79, 32501), (83, 32483), (88, 32429), (90, 32417), (92, 32408), (100, 32366), (118, 32279), (125, 32249), (132, 32207), (140, 32159), (142, 32144), (143, 32141), (154, 32051), (174, 31973), (180, 31940), (185, 31919),

Gene: Perplexer_63 Start: 42130, Stop: 41330, Start Num: 55

Candidate Starts for Perplexer_63:

(Start: 55 @42130 has 570 MA's), (Start: 57 @42118 has 99 MA's), (Start: 62 @42070 has 31 MA's), (Start: 66 @42052 has 1 MA's), (78, 41977), (90, 41896), (91, 41893), (96, 41869), (121, 41746), (129, 41701), (136, 41638), (139, 41629), (140, 41626), (143, 41608), (148, 41575), (160, 41482), (162, 41476), (164, 41467), (177, 41404), (189, 41353),

Gene: Perseus_62 Start: 43681, Stop: 42872, Start Num: 57

Candidate Starts for Perseus_62:

(Start: 45 @43720 has 15 MA's), (Start: 57 @43681 has 99 MA's), (92, 43450), (95, 43438), (99, 43411), (102, 43396), (103, 43384), (129, 43243), (140, 43165), (162, 43015), (173, 42973), (174, 42967), (189, 42892),

Gene: PeterPeter_64 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for PeterPeter_64:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Petersenfast_65 Start: 41047, Stop: 40250, Start Num: 55

Candidate Starts for Petersenfast_65:

(Start: 55 @41047 has 570 MA's), (Start: 71 @40942 has 1 MA's), (Start: 72 @40939 has 33 MA's), (91, 40816), (108, 40735), (116, 40690), (129, 40624), (140, 40549), (143, 40531), (145, 40507), (151, 40450), (158, 40411), (159, 40408), (171, 40366), (183, 40303), (189, 40276),

Gene: Peterson_67 Start: 44547, Stop: 43738, Start Num: 57

Candidate Starts for Peterson_67:

(35, 44613), (Start: 45 @44586 has 15 MA's), (Start: 57 @44547 has 99 MA's), (92, 44316), (95, 44304), (102, 44262), (103, 44250), (129, 44109), (140, 44031), (162, 43881), (173, 43839), (175, 43830), (189, 43758),

Gene: PetiteSangsue_63 Start: 42133, Stop: 41333, Start Num: 55

Candidate Starts for PetiteSangsue_63:

(Start: 55 @42133 has 570 MA's), (Start: 57 @42121 has 99 MA's), (Start: 62 @42073 has 31 MA's), (Start: 66 @42055 has 1 MA's), (78, 41980), (90, 41899), (91, 41896), (96, 41872), (121, 41749), (129, 41704), (136, 41641), (139, 41632), (140, 41629), (143, 41611), (148, 41578), (160, 41485), (162, 41479), (164, 41470), (177, 41407), (189, 41356),

Gene: Petp2012_66 Start: 44087, Stop: 43266, Start Num: 53

Candidate Starts for Petp2012_66:

(Start: 53 @44087 has 118 MA's), (Start: 57 @44075 has 99 MA's), (92, 43844), (95, 43832), (99, 43805), (102, 43790), (103, 43778), (129, 43637), (140, 43559), (148, 43508), (162, 43409), (173, 43367), (175, 43358), (189, 43286),

Gene: Petruchio_63 Start: 41531, Stop: 40710, Start Num: 53

Candidate Starts for Petruchio_63:

(Start: 53 @41531 has 118 MA's), (Start: 57 @41519 has 99 MA's), (92, 41288), (95, 41276), (102, 41234), (103, 41222), (129, 41081), (138, 41009), (140, 41003), (162, 40853), (173, 40811), (174, 40805), (189, 40730),

Gene: PetterN_71 Start: 42251, Stop: 41445, Start Num: 55

Candidate Starts for PetterN_71:

(22, 42341), (Start: 55 @42251 has 570 MA's), (60, 42200), (Start: 62 @42191 has 31 MA's), (86, 42062), (91, 42014), (95, 41996), (96, 41990), (108, 41930), (111, 41915), (112, 41912), (116, 41885), (121, 41864), (139, 41744), (140, 41741), (143, 41723), (145, 41699), (148, 41690), (149, 41681), (157, 41612), (158, 41603), (159, 41600), (175, 41540), (181, 41504), (189, 41468), (191, 41459),

Gene: Ph8s_71 Start: 41534, Stop: 40731, Start Num: 55

Candidate Starts for Ph8s_71:

(Start: 55 @41534 has 570 MA's), (Start: 62 @41474 has 31 MA's), (Start: 71 @41423 has 1 MA's), (84, 41354), (91, 41297), (117, 41165), (129, 41105), (140, 41030), (143, 41012), (145, 40988), (151, 40931), (157, 40901), (158, 40892), (159, 40889), (164, 40871), (175, 40829), (185, 40778), (189, 40757),

Gene: Phacado_64 Start: 41883, Stop: 41077, Start Num: 55

Candidate Starts for Phacado_64:

(Start: 39 @41928 has 1 MA's), (Start: 55 @41883 has 570 MA's), (Start: 57 @41871 has 99 MA's), (Start: 66 @41805 has 1 MA's), (78, 41730), (90, 41649), (96, 41622), (121, 41499), (128, 41457), (129, 41454), (136, 41391), (139, 41382), (140, 41379), (143, 41361), (148, 41328), (151, 41280), (160, 41235), (162, 41229), (164, 41220), (177, 41157), (189, 41106),

Gene: Phaded_65 Start: 43291, Stop: 42488, Start Num: 52

Candidate Starts for Phaded_65:

(Start: 52 @43291 has 49 MA's), (Start: 62 @43231 has 31 MA's), (79, 43135), (91, 43054), (117, 42922), (121, 42907), (129, 42862), (140, 42787), (143, 42769), (145, 42745), (151, 42688), (157, 42658), (158, 42649), (164, 42628), (189, 42514),

Gene: Phaeder_71 Start: 42128, Stop: 41319, Start Num: 55

Candidate Starts for Phaeder_71:

(Start: 55 @42128 has 570 MA's), (84, 41948), (89, 41903), (91, 41891), (95, 41873), (117, 41756), (129, 41696), (140, 41621), (143, 41603), (145, 41579), (151, 41522), (157, 41492), (158, 41483), (186, 41357), (189, 41345),

Gene: PhailMary_52 Start: 38340, Stop: 37459, Start Num: 55

Candidate Starts for PhailMary_52:

(Start: 55 @38340 has 570 MA's), (Start: 59 @38313 has 2 MA's), (Start: 72 @38226 has 33 MA's), (79, 38184), (86, 38151), (96, 38079), (108, 38022), (129, 37911), (133, 37890), (134, 37887), (140, 37839), (143, 37821), (145, 37797), (146, 37794), (152, 37731), (158, 37701), (175, 37638), (189, 37566),

Gene: Phantastic_67 Start: 41369, Stop: 40572, Start Num: 55

Candidate Starts for Phantastic_67:

(Start: 55 @41369 has 570 MA's), (Start: 62 @41309 has 31 MA's), (78, 41216), (90, 41135), (96, 41108), (121, 40985), (128, 40943), (129, 40940), (140, 40868), (143, 40850), (151, 40769), (157, 40739), (159, 40727), (169, 40691), (175, 40667), (177, 40646), (189, 40595),

Gene: Pharaoh_66 Start: 42335, Stop: 41529, Start Num: 55

Candidate Starts for Pharaoh_66:

(Start: 55 @42335 has 570 MA's), (84, 42155), (91, 42098), (95, 42080), (99, 42053), (129, 41903), (140, 41828), (143, 41810), (145, 41786), (157, 41699), (158, 41690), (164, 41669), (189, 41555),

Gene: Phelipe_65 Start: 41896, Stop: 41090, Start Num: 55

Candidate Starts for Phelipe_65:

(Start: 55 @41896 has 570 MA's), (Start: 57 @41884 has 99 MA's), (Start: 66 @41818 has 1 MA's), (78, 41743), (90, 41662), (96, 41635), (121, 41512), (128, 41470), (129, 41467), (136, 41404), (139, 41395), (140, 41392), (143, 41374), (148, 41341), (151, 41293), (160, 41248), (162, 41242), (164, 41233), (177, 41170), (189, 41119),

Gene: PherrisBueller_63 Start: 40792, Stop: 39971, Start Num: 53

Candidate Starts for PherrisBueller_63:

(Start: 53 @40792 has 118 MA's), (Start: 57 @40780 has 99 MA's), (92, 40549), (95, 40537), (102, 40495), (103, 40483), (129, 40342), (140, 40264), (148, 40213), (162, 40114), (173, 40072), (175, 40063), (189, 39991),

Gene: Phettuccine_35 Start: 26109, Stop: 26984, Start Num: 55

Candidate Starts for Phettuccine_35:

(4, 25734), (31, 26043), (Start: 55 @26109 has 570 MA's), (Start: 72 @26229 has 33 MA's), (83, 26289), (87, 26322), (92, 26358), (97, 26382), (99, 26397), (119, 26493), (127, 26544), (129, 26550), (132, 26565), (137, 26604), (140, 26613), (153, 26733), (175, 26817), (176, 26829), (188, 26886), (207, 26967), (208, 26970),

Gene: Phighter1804_64 Start: 41948, Stop: 41142, Start Num: 55

Candidate Starts for Phighter1804_64:

(Start: 39 @41993 has 1 MA's), (Start: 55 @41948 has 570 MA's), (Start: 57 @41936 has 99 MA's), (Start: 66 @41870 has 1 MA's), (78, 41795), (90, 41714), (96, 41687), (121, 41564), (128, 41522), (129, 41519), (136, 41456), (139, 41447), (140, 41444), (143, 41426), (151, 41345), (160, 41300), (162, 41294), (164, 41285), (177, 41222), (189, 41171),

Gene: Phillis_75 Start: 42477, Stop: 41677, Start Num: 55

Candidate Starts for Phillis_75:

(47, 42495), (Start: 55 @42477 has 570 MA's), (81, 42309), (96, 42216), (112, 42138), (129, 42045), (139, 41976), (140, 41973), (143, 41955), (149, 41913), (151, 41874), (158, 41835), (159, 41832),

(173, 41781), (175, 41772), (181, 41736), (189, 41700), (191, 41691), (192, 41682),

Gene: PhineBark_63 Start: 42365, Stop: 41556, Start Num: 57

Candidate Starts for PhineBark_63:

(Start: 45 @42404 has 15 MA's), (Start: 57 @42365 has 99 MA's), (92, 42134), (95, 42122), (102, 42080), (103, 42068), (129, 41927), (140, 41849), (162, 41699), (189, 41576),

Gene: PhishRPhriends_67 Start: 41071, Stop: 40262, Start Num: 55

Candidate Starts for PhishRPhriends_67:

(Start: 55 @41071 has 570 MA's), (58, 41050), (96, 40810), (99, 40789), (121, 40687), (122, 40684), (128, 40645), (131, 40630), (140, 40570), (143, 40552), (145, 40528), (157, 40441), (158, 40432), (175, 40369), (189, 40297),

Gene: Phlei_55 Start: 41159, Stop: 40410, Start Num: 61

Candidate Starts for Phlei_55:

(58, 41195), (Start: 61 @41159 has 6 MA's), (Start: 70 @41108 has 1 MA's), (84, 41036), (89, 40991), (91, 40979), (96, 40955), (99, 40934), (108, 40895), (121, 40829), (125, 40811), (128, 40787), (140, 40709), (143, 40691), (145, 40667), (151, 40610), (158, 40571), (159, 40568), (189, 40436),

Gene: Phlippers_59 Start: 42209, Stop: 41400, Start Num: 57

Candidate Starts for Phlippers_59:

(Start: 45 @42248 has 15 MA's), (Start: 57 @42209 has 99 MA's), (92, 41978), (95, 41966), (102, 41924), (103, 41912), (129, 41771), (140, 41693), (162, 41543), (173, 41501), (175, 41492), (189, 41420),

Gene: Phlorence_63 Start: 41227, Stop: 40421, Start Num: 55

Candidate Starts for Phlorence_63:

(Start: 55 @41227 has 570 MA's), (Start: 62 @41167 has 31 MA's), (Start: 65 @41155 has 2 MA's), (84, 41047), (91, 40990), (95, 40972), (96, 40966), (111, 40891), (112, 40888), (139, 40720), (140, 40717), (143, 40699), (145, 40675), (149, 40657), (157, 40588), (158, 40579), (159, 40576), (175, 40516), (189, 40444),

Gene: Phoebe_70 Start: 41996, Stop: 41187, Start Num: 55

Candidate Starts for Phoebe_70:

(Start: 55 @41996 has 570 MA's), (58, 41975), (Start: 65 @41924 has 2 MA's), (96, 41735), (99, 41714), (121, 41612), (122, 41609), (128, 41570), (131, 41555), (140, 41495), (143, 41477), (145, 41453), (157, 41366), (158, 41357), (175, 41294), (189, 41222),

Gene: Phonnegut_71 Start: 42198, Stop: 41389, Start Num: 55

Candidate Starts for Phonnegut_71:

(Start: 55 @42198 has 570 MA's), (84, 42018), (89, 41973), (91, 41961), (95, 41943), (117, 41826), (129, 41766), (140, 41691), (143, 41673), (145, 41649), (151, 41592), (157, 41562), (158, 41553), (186, 41427), (189, 41415),

Gene: Phontbonne_64 Start: 41790, Stop: 40984, Start Num: 55

Candidate Starts for Phontbonne_64:

(Start: 55 @41790 has 570 MA's), (Start: 57 @41778 has 99 MA's), (Start: 66 @41712 has 1 MA's), (78, 41637), (90, 41556), (96, 41529), (121, 41406), (128, 41364), (129, 41361), (136, 41298), (139, 41289), (140, 41286), (143, 41268), (151, 41187), (160, 41142), (162, 41136), (164, 41127), (177, 41064), (189, 41013),

Gene: Phoxy_69 Start: 42028, Stop: 41219, Start Num: 55

Candidate Starts for Phoxy_69:

(Start: 55 @42028 has 570 MA's), (58, 42007), (Start: 65 @41956 has 2 MA's), (96, 41767), (99, 41746), (121, 41644), (122, 41641), (128, 41602), (131, 41587), (140, 41527), (143, 41509), (145, 41485), (157, 41398), (158, 41389), (175, 41326), (189, 41254),

Gene: Phrankenstein_53 Start: 37964, Stop: 37083, Start Num: 55

Candidate Starts for Phrankenstein_53:

(Start: 55 @37964 has 570 MA's), (Start: 59 @37937 has 2 MA's), (Start: 72 @37850 has 33 MA's), (79, 37808), (86, 37775), (96, 37703), (108, 37646), (129, 37535), (133, 37514), (134, 37511), (140, 37463), (143, 37445), (145, 37421), (146, 37418), (152, 37355), (158, 37325), (175, 37262), (189, 37190),

Gene: Phranny_70 Start: 41876, Stop: 41067, Start Num: 55

Candidate Starts for Phranny_70:

(Start: 55 @41876 has 570 MA's), (58, 41855), (96, 41615), (99, 41594), (121, 41492), (122, 41489), (128, 41450), (131, 41435), (140, 41375), (143, 41357), (145, 41333), (157, 41246), (158, 41237), (175, 41174), (189, 41102),

Gene: PhrostyMug_63 Start: 43450, Stop: 42641, Start Num: 57

Candidate Starts for PhrostyMug_63:

(Start: 45 @43489 has 15 MA's), (Start: 57 @43450 has 99 MA's), (92, 43219), (95, 43207), (102, 43165), (103, 43153), (129, 43012), (140, 42934), (162, 42784), (173, 42742), (174, 42736), (189, 42661),

Gene: PickleBack_65 Start: 41404, Stop: 40598, Start Num: 55

Candidate Starts for PickleBack_65:

(Start: 55 @41404 has 570 MA's), (Start: 62 @41344 has 31 MA's), (Start: 65 @41332 has 2 MA's), (84, 41224), (91, 41167), (95, 41149), (96, 41143), (111, 41068), (112, 41065), (139, 40897), (140, 40894), (143, 40876), (145, 40852), (149, 40834), (157, 40765), (158, 40756), (159, 40753), (175, 40693), (189, 40621),

Gene: PinkPlastic_63 Start: 42003, Stop: 41194, Start Num: 57

Candidate Starts for PinkPlastic_63:

(Start: 45 @42042 has 15 MA's), (Start: 57 @42003 has 99 MA's), (92, 41772), (95, 41760), (102, 41718), (103, 41706), (129, 41565), (138, 41493), (140, 41487), (162, 41337), (173, 41295), (175, 41286), (189, 41214),

Gene: Pinto_64 Start: 41956, Stop: 41147, Start Num: 57

Candidate Starts for Pinto_64:

(Start: 45 @41995 has 15 MA's), (Start: 57 @41956 has 99 MA's), (92, 41725), (95, 41713), (99, 41686), (102, 41671), (103, 41659), (129, 41518), (140, 41440), (162, 41290), (173, 41248), (174, 41242), (189, 41167),

Gene: Pioneer_71 Start: 42198, Stop: 41389, Start Num: 55

Candidate Starts for Pioneer_71:

(Start: 55 @42198 has 570 MA's), (84, 42018), (89, 41973), (91, 41961), (95, 41943), (117, 41826), (129, 41766), (140, 41691), (143, 41673), (145, 41649), (151, 41592), (157, 41562), (158, 41553), (186, 41427), (189, 41415),

Gene: Pipcraft_61 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Pipcraft_61:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281),

(160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Pippin_63 Start: 41382, Stop: 40573, Start Num: 57

Candidate Starts for Pippin_63:

(Start: 45 @41421 has 15 MA's), (Start: 57 @41382 has 99 MA's), (92, 41151), (95, 41139), (99, 41112), (102, 41097), (103, 41085), (129, 40944), (140, 40866), (162, 40716), (173, 40674), (174, 40668), (189, 40593),

Gene: Pirate_33 Start: 22674, Stop: 21811, Start Num: 55

Candidate Starts for Pirate_33:

(Start: 55 @22674 has 570 MA's), (68, 22578), (Start: 72 @22551 has 33 MA's), (79, 22509), (82, 22494), (87, 22458), (120, 22284), (123, 22266), (125, 22260), (132, 22218), (140, 22170), (143, 22152), (166, 22011), (206, 21837),

Gene: Piro94_68 Start: 42648, Stop: 41842, Start Num: 51

Candidate Starts for Piro94_68:

(Start: 51 @42648 has 57 MA's), (78, 42495), (91, 42411), (129, 42216), (140, 42141), (143, 42123), (145, 42099), (151, 42042), (157, 42012), (158, 42003), (164, 41982), (189, 41868),

Gene: Pistachio_66 Start: 41301, Stop: 40504, Start Num: 55

Candidate Starts for Pistachio_66:

(Start: 55 @41301 has 570 MA's), (Start: 62 @41241 has 31 MA's), (78, 41148), (90, 41067), (96, 41040), (121, 40917), (128, 40875), (129, 40872), (140, 40800), (143, 40782), (157, 40671), (159, 40659), (169, 40623), (175, 40599), (177, 40578), (181, 40563), (183, 40554), (189, 40527),

Gene: Pita2_64 Start: 41998, Stop: 41177, Start Num: 53

Candidate Starts for Pita2_64:

(Start: 53 @41998 has 118 MA's), (Start: 57 @41986 has 99 MA's), (92, 41755), (95, 41743), (102, 41701), (103, 41689), (129, 41548), (140, 41470), (173, 41278), (174, 41272), (189, 41197),

Gene: Pmask_69 Start: 41031, Stop: 40225, Start Num: 55

Candidate Starts for Pmask_69:

(38, 41082), (41, 41073), (Start: 55 @41031 has 570 MA's), (91, 40794), (129, 40599), (140, 40524), (143, 40506), (145, 40482), (157, 40395), (158, 40386), (159, 40383), (185, 40272), (189, 40251),

Gene: Pocahontas_65 Start: 41701, Stop: 40904, Start Num: 55

Candidate Starts for Pocahontas_65:

(Start: 55 @41701 has 570 MA's), (Start: 62 @41641 has 31 MA's), (78, 41548), (90, 41467), (96, 41440), (121, 41317), (128, 41275), (129, 41272), (140, 41200), (143, 41182), (157, 41071), (159, 41059), (162, 41050), (164, 41041), (169, 41023), (175, 40999), (177, 40978), (181, 40963), (189, 40927),

Gene: Polymorphads_65 Start: 41877, Stop: 41071, Start Num: 55

Candidate Starts for Polymorphads_65:

(Start: 55 @41877 has 570 MA's), (Start: 57 @41865 has 99 MA's), (Start: 66 @41799 has 1 MA's), (78, 41724), (90, 41643), (96, 41616), (121, 41493), (128, 41451), (129, 41448), (136, 41385), (139, 41376), (140, 41373), (143, 41355), (148, 41322), (151, 41274), (160, 41229), (162, 41223), (164, 41214), (177, 41151), (189, 41100),

Gene: Polyphemus_72 Start: 41421, Stop: 40615, Start Num: 55

Candidate Starts for Polyphemus_72:

(38, 41472), (41, 41463), (Start: 55 @41421 has 570 MA's), (91, 41184), (129, 40989), (140, 40914), (143, 40896), (145, 40872), (157, 40785), (158, 40776), (159, 40773), (185, 40662), (189, 40641),

Gene: Pomar16_69 Start: 42668, Stop: 41922, Start Num: 62

Candidate Starts for Pomar16_69:

(Start: 62 @42668 has 31 MA's), (79, 42572), (117, 42356), (129, 42296), (130, 42293), (140, 42221), (143, 42203), (145, 42179), (151, 42122), (157, 42092), (158, 42083), (189, 41948),

Gene: Ponzi_34 Start: 19025, Stop: 18393, Start Num: 85

Candidate Starts for Ponzi_34:

(Start: 85 @19025 has 1 MA's), (126, 18797), (129, 18779), (130, 18776), (133, 18758), (139, 18701), (141, 18689), (143, 18680), (144, 18671), (152, 18590), (157, 18569), (167, 18527), (173, 18506), (175, 18497), (187, 18431), (189, 18425),

Gene: Poompha_60 Start: 40014, Stop: 39217, Start Num: 55

Candidate Starts for Poompha_60:

(Start: 55 @40014 has 570 MA's), (Start: 62 @39954 has 31 MA's), (Start: 66 @39936 has 1 MA's), (78, 39861), (84, 39834), (90, 39780), (121, 39630), (129, 39585), (130, 39582), (140, 39513), (143, 39495), (159, 39372), (177, 39291), (185, 39261), (189, 39240),

Gene: Popcicle_65 Start: 41701, Stop: 40904, Start Num: 55

Candidate Starts for Popcicle_65:

(Start: 55 @41701 has 570 MA's), (Start: 62 @41641 has 31 MA's), (78, 41548), (90, 41467), (96, 41440), (121, 41317), (128, 41275), (129, 41272), (140, 41200), (143, 41182), (157, 41071), (159, 41059), (162, 41050), (164, 41041), (169, 41023), (175, 40999), (177, 40978), (181, 40963), (189, 40927),

Gene: PotatoSplit_70 Start: 42007, Stop: 41198, Start Num: 55

Candidate Starts for PotatoSplit_70:

(Start: 55 @42007 has 570 MA's), (58, 41986), (Start: 65 @41935 has 2 MA's), (96, 41746), (99, 41725), (121, 41623), (122, 41620), (128, 41581), (131, 41566), (140, 41506), (143, 41488), (145, 41464), (157, 41377), (158, 41368), (175, 41305), (189, 41233),

Gene: Power_67 Start: 42629, Stop: 41823, Start Num: 51

Candidate Starts for Power_67:

(Start: 51 @42629 has 57 MA's), (Start: 62 @42569 has 31 MA's), (78, 42476), (84, 42449), (91, 42392), (117, 42257), (129, 42197), (140, 42122), (143, 42104), (157, 41993), (158, 41984), (164, 41963), (189, 41849),

Gene: PowerRanger_61 Start: 43058, Stop: 42237, Start Num: 53

Candidate Starts for PowerRanger_61:

(Start: 53 @43058 has 118 MA's), (Start: 57 @43046 has 99 MA's), (92, 42815), (95, 42803), (99, 42776), (102, 42761), (103, 42749), (129, 42608), (140, 42530), (162, 42380), (173, 42338), (175, 42329), (189, 42257),

Gene: Priamo_72 Start: 40886, Stop: 40080, Start Num: 55

Candidate Starts for Priamo_72:

(38, 40937), (41, 40928), (Start: 55 @40886 has 570 MA's), (91, 40649), (129, 40454), (140, 40379), (143, 40361), (145, 40337), (157, 40250), (158, 40241), (159, 40238), (185, 40127), (189, 40106),

Gene: Prinash11_61 Start: 40942, Stop: 40136, Start Num: 55

Candidate Starts for Prinash11_61:

(Start: 55 @40942 has 570 MA's), (Start: 62 @40882 has 31 MA's), (86, 40753), (91, 40705), (93, 40696), (95, 40687), (96, 40681), (111, 40606), (112, 40603), (129, 40510), (139, 40435), (140, 40432), (143, 40414), (145, 40390), (149, 40372), (157, 40303), (158, 40294), (159, 40291), (175,

40231), (189, 40159),

Gene: Priya_69 Start: 41925, Stop: 41116, Start Num: 55

Candidate Starts for Priya_69:

(Start: 55 @41925 has 570 MA's), (84, 41745), (91, 41688), (95, 41670), (117, 41553), (129, 41493), (140, 41418), (143, 41400), (145, 41376), (151, 41319), (157, 41289), (158, 41280), (186, 41154), (189, 41142),

Gene: ProMouse_64 Start: 42507, Stop: 41686, Start Num: 53

Candidate Starts for ProMouse_64:

(Start: 53 @42507 has 118 MA's), (Start: 57 @42495 has 99 MA's), (92, 42264), (95, 42252), (102, 42210), (103, 42198), (129, 42057), (140, 41979), (159, 41838), (164, 41820), (189, 41706),

Gene: Procrass1_33 Start: 22755, Stop: 21892, Start Num: 55

Candidate Starts for Procrass1_33:

(Start: 55 @22755 has 570 MA's), (68, 22659), (Start: 72 @22632 has 33 MA's), (79, 22590), (82, 22575), (87, 22539), (120, 22365), (123, 22347), (125, 22341), (132, 22299), (140, 22251), (143, 22233), (166, 22092), (178, 22032), (206, 21918),

Gene: Provolone_37 Start: 27507, Stop: 28394, Start Num: 55

Candidate Starts for Provolone_37:

(27, 27438), (Start: 55 @27507 has 570 MA's), (Start: 72 @27627 has 33 MA's), (80, 27678), (83, 27687), (87, 27720), (92, 27756), (97, 27780), (99, 27795), (127, 27942), (129, 27948), (132, 27963), (137, 28002), (140, 28011), (153, 28131), (164, 28173), (176, 28227), (184, 28263), (185, 28266), (188, 28284), (194, 28311),

Gene: Prudy_62 Start: 42656, Stop: 41850, Start Num: 52

Candidate Starts for Prudy_62:

(Start: 52 @42656 has 49 MA's), (Start: 62 @42596 has 31 MA's), (78, 42503), (81, 42488), (91, 42419), (117, 42284), (129, 42224), (140, 42149), (143, 42131), (145, 42107), (151, 42050), (157, 42020), (158, 42011), (164, 41990), (171, 41966), (189, 41876),

Gene: Puginator_38 Start: 27833, Stop: 28630, Start Num: 67

Candidate Starts for Puginator_38:

(27, 27671), (Start: 55 @27746 has 570 MA's), (Start: 67 @27833 has 12 MA's), (68, 27839), (Start: 72 @27866 has 33 MA's), (Start: 73 @27869 has 2 MA's), (80, 27917), (83, 27926), (84, 27932), (87, 27959), (92, 27995), (94, 28004), (97, 28019), (99, 28034), (129, 28187), (132, 28202), (137, 28241), (140, 28250), (145, 28292), (153, 28370), (170, 28433), (173, 28445), (176, 28466), (185, 28505), (209, 28613),

Gene: Pukovnik_65 Start: 42959, Stop: 42156, Start Num: 52

Candidate Starts for Pukovnik_65:

(Start: 52 @42959 has 49 MA's), (Start: 62 @42899 has 31 MA's), (91, 42722), (117, 42590), (130, 42527), (140, 42455), (143, 42437), (145, 42413), (151, 42356), (157, 42326), (158, 42317), (164, 42296), (189, 42182),

Gene: Pumbaa_64 Start: 41829, Stop: 41023, Start Num: 55

Candidate Starts for Pumbaa_64:

(Start: 39 @41874 has 1 MA's), (Start: 55 @41829 has 570 MA's), (Start: 57 @41817 has 99 MA's), (Start: 66 @41751 has 1 MA's), (78, 41676), (90, 41595), (96, 41568), (121, 41445), (128, 41403), (129, 41400), (136, 41337), (139, 41328), (140, 41325), (143, 41307), (151, 41226), (160, 41181), (162, 41175), (164, 41166), (177, 41103), (189, 41052),

Gene: Puppet_61 Start: 43387, Stop: 42578, Start Num: 57

Candidate Starts for Puppet_61:

(Start: 57 @43387 has 99 MA's), (92, 43156), (95, 43144), (99, 43117), (102, 43102), (103, 43090), (129, 42949), (140, 42871), (162, 42721), (175, 42670), (189, 42598),

Gene: Puppy_66 Start: 41373, Stop: 40576, Start Num: 55

Candidate Starts for Puppy_66:

(Start: 55 @41373 has 570 MA's), (Start: 62 @41313 has 31 MA's), (78, 41220), (90, 41139), (96, 41112), (121, 40989), (128, 40947), (129, 40944), (140, 40872), (143, 40854), (157, 40743), (159, 40731), (169, 40695), (175, 40671), (177, 40650), (181, 40635), (183, 40626), (189, 40599),

Gene: PurpleHaze_69 Start: 41889, Stop: 41080, Start Num: 55

Candidate Starts for PurpleHaze_69:

(Start: 55 @41889 has 570 MA's), (58, 41868), (96, 41628), (99, 41607), (121, 41505), (122, 41502), (128, 41463), (131, 41448), (140, 41388), (143, 41370), (145, 41346), (157, 41259), (158, 41250), (175, 41187), (189, 41115),

Gene: QTRLifeCrisis_63 Start: 42339, Stop: 41518, Start Num: 53

Candidate Starts for QTRLifeCrisis_63:

(Start: 53 @42339 has 118 MA's), (Start: 57 @42327 has 99 MA's), (92, 42096), (95, 42084), (99, 42057), (102, 42042), (103, 42030), (129, 41889), (140, 41811), (162, 41661), (173, 41619), (175, 41610), (189, 41538),

Gene: Qobbit_69 Start: 41887, Stop: 41078, Start Num: 55

Candidate Starts for Qobbit_69:

(Start: 55 @41887 has 570 MA's), (84, 41707), (91, 41650), (95, 41632), (117, 41515), (129, 41455), (140, 41380), (143, 41362), (145, 41338), (151, 41281), (157, 41251), (158, 41242), (186, 41116), (189, 41104),

Gene: QueenB2_67 Start: 42483, Stop: 41677, Start Num: 52

Candidate Starts for QueenB2_67:

(Start: 52 @42483 has 49 MA's), (Start: 62 @42423 has 31 MA's), (Start: 66 @42405 has 1 MA's), (78, 42330), (91, 42246), (99, 42201), (101, 42192), (130, 42048), (140, 41976), (143, 41958), (145, 41934), (151, 41877), (157, 41847), (158, 41838), (159, 41835), (162, 41826), (164, 41817), (189, 41703),

Gene: QueenBeesly_68 Start: 42586, Stop: 41780, Start Num: 51

Candidate Starts for QueenBeesly_68:

(Start: 51 @42586 has 57 MA's), (Start: 62 @42526 has 31 MA's), (78, 42433), (84, 42406), (91, 42349), (117, 42214), (129, 42154), (140, 42079), (143, 42061), (157, 41950), (158, 41941), (164, 41920), (189, 41806),

Gene: QueenBey_33 Start: 22738, Stop: 21875, Start Num: 55

Candidate Starts for QueenBey_33:

(Start: 55 @22738 has 570 MA's), (68, 22642), (Start: 72 @22615 has 33 MA's), (79, 22573), (82, 22558), (87, 22522), (120, 22348), (121, 22342), (123, 22330), (125, 22324), (131, 22285), (132, 22282), (140, 22234), (143, 22216), (166, 22075), (178, 22015), (206, 21901),

Gene: QuinnKiro_64 Start: 41704, Stop: 40907, Start Num: 55

Candidate Starts for QuinnKiro_64:

(Start: 55 @41704 has 570 MA's), (Start: 62 @41644 has 31 MA's), (78, 41551), (90, 41470), (96, 41443), (121, 41320), (128, 41278), (129, 41275), (140, 41203), (143, 41185), (157, 41074), (159, 41062), (162, 41053), (164, 41044), (169, 41026), (175, 41002), (177, 40981), (181, 40966), (189,

40930),

Gene: Quokka_70 Start: 41874, Stop: 41068, Start Num: 55

Candidate Starts for Quokka_70:

(29, 41949), (Start: 55 @41874 has 570 MA's), (101, 41583), (116, 41508), (127, 41448), (130, 41439), (140, 41367), (143, 41349), (151, 41268), (157, 41238), (158, 41229), (171, 41184), (189, 41094),

Gene: R4_36 Start: 27477, Stop: 28352, Start Num: 55

Candidate Starts for R4_36:

(27, 27402), (31, 27411), (Start: 55 @27477 has 570 MA's), (Start: 67 @27564 has 12 MA's), (68, 27570), (Start: 72 @27597 has 33 MA's), (80, 27648), (83, 27657), (87, 27690), (92, 27726), (97, 27750), (99, 27765), (119, 27861), (126, 27900), (127, 27912), (129, 27918), (130, 27921), (132, 27933), (137, 27972), (140, 27981), (170, 28164), (173, 28176), (175, 28185), (176, 28197), (185, 28236), (201, 28302), (207, 28335), (210, 28338),

Gene: RER2_46 Start: 34890, Stop: 34009, Start Num: 55

Candidate Starts for RER2_46:

(Start: 55 @34890 has 570 MA's), (Start: 59 @34863 has 2 MA's), (Start: 72 @34776 has 33 MA's), (79, 34734), (86, 34701), (96, 34629), (108, 34572), (129, 34461), (133, 34440), (134, 34437), (140, 34389), (143, 34371), (145, 34347), (146, 34344), (152, 34281), (158, 34251), (175, 34188), (189, 34116),

Gene: RGL3_47 Start: 35897, Stop: 35019, Start Num: 55

Candidate Starts for RGL3_47:

(Start: 55 @35897 has 570 MA's), (Start: 59 @35870 has 2 MA's), (79, 35741), (96, 35636), (129, 35468), (133, 35447), (134, 35444), (140, 35399), (143, 35381), (145, 35357), (146, 35354), (149, 35339), (151, 35300), (158, 35261), (175, 35198), (189, 35126),

Gene: Rachaly_65 Start: 42290, Stop: 41484, Start Num: 51

Candidate Starts for Rachaly_65:

(Start: 51 @42290 has 57 MA's), (78, 42137), (91, 42053), (117, 41918), (129, 41858), (140, 41783), (143, 41765), (145, 41741), (157, 41654), (158, 41645), (164, 41624), (189, 41510),

Gene: Rahalelujah_70 Start: 41878, Stop: 41066, Start Num: 55

Candidate Starts for Rahalelujah_70:

(Start: 55 @41878 has 570 MA's), (84, 41698), (91, 41641), (92, 41635), (95, 41623), (117, 41506), (140, 41371), (143, 41353), (145, 41329), (151, 41272), (157, 41242), (158, 41233), (186, 41107), (189, 41095),

Gene: Raid_62 Start: 42072, Stop: 41251, Start Num: 53

Candidate Starts for Raid_62:

(Start: 53 @42072 has 118 MA's), (Start: 57 @42060 has 99 MA's), (92, 41829), (95, 41817), (102, 41775), (103, 41763), (129, 41622), (140, 41544), (159, 41403), (164, 41385), (189, 41271),

Gene: Rajelicia_63 Start: 43627, Stop: 42806, Start Num: 53

Candidate Starts for Rajelicia_63:

(Start: 53 @43627 has 118 MA's), (Start: 57 @43615 has 99 MA's), (92, 43384), (95, 43372), (99, 43345), (102, 43330), (103, 43318), (129, 43177), (140, 43099), (162, 42949), (173, 42907), (174, 42901), (189, 42826),

Gene: Rana_36 Start: 27053, Stop: 27859, Start Num: 63

Candidate Starts for Rana_36:

(27, 26909), (31, 26918), (Start: 55 @26984 has 570 MA's), (Start: 63 @27053 has 3 MA's), (Start: 72 @27104 has 33 MA's), (83, 27164), (87, 27197), (92, 27233), (97, 27257), (99, 27272), (127, 27419), (129, 27425), (132, 27440), (137, 27479), (140, 27488), (145, 27530), (156, 27620), (175, 27692), (176, 27704), (188, 27761), (207, 27842), (208, 27845),

Gene: Rasputin_53 Start: 37988, Stop: 37107, Start Num: 55

Candidate Starts for Rasputin_53:

(Start: 55 @37988 has 570 MA's), (Start: 59 @37961 has 2 MA's), (Start: 72 @37874 has 33 MA's), (79, 37832), (86, 37799), (96, 37727), (108, 37670), (129, 37559), (133, 37538), (134, 37535), (140, 37487), (143, 37469), (145, 37445), (146, 37442), (152, 37379), (158, 37349), (175, 37286), (189, 37214),

Gene: Ravana_79 Start: 43998, Stop: 43255, Start Num: 61

Candidate Starts for Ravana_79:

(Start: 61 @43998 has 6 MA's), (68, 43968), (Start: 70 @43947 has 1 MA's), (78, 43902), (81, 43887), (86, 43866), (90, 43821), (91, 43818), (92, 43812), (93, 43809), (110, 43725), (116, 43689), (125, 43650), (129, 43623), (140, 43551), (143, 43533), (145, 43509), (151, 43452), (159, 43410), (189, 43278),

Gene: ReMo_75 Start: 42754, Stop: 41924, Start Num: 45

Candidate Starts for ReMo_75:

(Start: 45 @42754 has 15 MA's), (Start: 61 @42667 has 6 MA's), (68, 42637), (Start: 70 @42616 has 1 MA's), (78, 42571), (81, 42556), (86, 42535), (90, 42490), (91, 42487), (92, 42481), (93, 42478), (110, 42394), (116, 42358), (121, 42337), (129, 42292), (140, 42220), (143, 42202), (151, 42121), (158, 42082), (159, 42079), (189, 41947),

Gene: Reba_69 Start: 41549, Stop: 40740, Start Num: 55

Candidate Starts for Reba_69:

(Start: 55 @41549 has 570 MA's), (58, 41528), (96, 41288), (99, 41267), (121, 41165), (122, 41162), (128, 41123), (131, 41108), (140, 41048), (143, 41030), (145, 41006), (157, 40919), (158, 40910), (175, 40847), (189, 40775),

Gene: Rebeuca_63 Start: 41321, Stop: 40524, Start Num: 55

Candidate Starts for Rebeuca_63:

(Start: 55 @41321 has 570 MA's), (Start: 57 @41309 has 99 MA's), (Start: 62 @41261 has 31 MA's), (Start: 66 @41243 has 1 MA's), (Start: 71 @41210 has 1 MA's), (78, 41168), (84, 41141), (90, 41087), (109, 41000), (121, 40937), (128, 40895), (129, 40892), (139, 40823), (140, 40820), (143, 40802), (159, 40679), (175, 40619), (177, 40598), (181, 40583), (183, 40574), (189, 40547),

Gene: RedBear_36 Start: 26649, Stop: 27524, Start Num: 55

Candidate Starts for RedBear_36:

(27, 26574), (31, 26583), (Start: 55 @26649 has 570 MA's), (Start: 71 @26766 has 1 MA's), (Start: 72 @26769 has 33 MA's), (80, 26820), (83, 26829), (87, 26862), (92, 26898), (97, 26922), (99, 26937), (127, 27084), (129, 27090), (132, 27105), (137, 27144), (140, 27153), (145, 27195), (175, 27357), (176, 27369), (188, 27426), (207, 27507), (208, 27510), (209, 27513),

Gene: RedRock_68 Start: 43125, Stop: 42322, Start Num: 52

Candidate Starts for RedRock_68:

(Start: 52 @43125 has 49 MA's), (Start: 62 @43065 has 31 MA's), (78, 42972), (91, 42888), (99, 42843), (130, 42690), (140, 42618), (143, 42600), (151, 42519), (157, 42489), (158, 42480), (159, 42477), (164, 42459), (189, 42345),

Gene: Refuge_66 Start: 43071, Stop: 42325, Start Num: 62

Candidate Starts for Refuge_66:

(Start: 62 @43071 has 31 MA's), (91, 42894), (101, 42840), (121, 42744), (127, 42705), (129, 42699), (140, 42624), (143, 42606), (145, 42582), (151, 42525), (157, 42495), (158, 42486), (164, 42465), (189, 42351),

Gene: Relief_63 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for Relief_63:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Remus_77 Start: 42663, Stop: 41920, Start Num: 61

Candidate Starts for Remus_77:

(Start: 61 @42663 has 6 MA's), (68, 42633), (Start: 70 @42612 has 1 MA's), (78, 42567), (81, 42552), (86, 42531), (90, 42486), (91, 42483), (92, 42477), (93, 42474), (110, 42390), (116, 42354), (121, 42333), (129, 42288), (140, 42216), (143, 42198), (145, 42174), (151, 42117), (159, 42075), (189, 41943),

Gene: ResDef_64 Start: 41704, Stop: 40907, Start Num: 55

Candidate Starts for ResDef_64:

(Start: 55 @41704 has 570 MA's), (Start: 62 @41644 has 31 MA's), (78, 41551), (90, 41470), (96, 41443), (121, 41320), (128, 41278), (129, 41275), (140, 41203), (143, 41185), (157, 41074), (159, 41062), (162, 41053), (164, 41044), (169, 41026), (175, 41002), (177, 40981), (181, 40966), (189, 40930),

Gene: RetrieverFever_59 Start: 31992, Stop: 31138, Start Num: 51

Candidate Starts for RetrieverFever_59:

(Start: 51 @31992 has 57 MA's), (Start: 70 @31884 has 1 MA's), (Start: 72 @31878 has 33 MA's), (75, 31854), (76, 31845), (77, 31842), (78, 31839), (80, 31827), (83, 31818), (86, 31797), (88, 31764), (92, 31743), (100, 31701), (118, 31614), (132, 31542), (140, 31494), (154, 31386), (173, 31314), (174, 31308), (175, 31305), (180, 31275), (185, 31254), (197, 31203), (200, 31185), (202, 31179),

Gene: Retro23_69 Start: 42697, Stop: 41891, Start Num: 52

Candidate Starts for Retro23_69:

(Start: 52 @42697 has 49 MA's), (Start: 62 @42637 has 31 MA's), (Start: 66 @42619 has 1 MA's), (78, 42544), (84, 42517), (91, 42460), (99, 42415), (101, 42406), (130, 42262), (140, 42190), (143, 42172), (145, 42148), (151, 42091), (157, 42061), (158, 42052), (159, 42049), (164, 42031), (189, 41917),

Gene: RexFury_52 Start: 38049, Stop: 37168, Start Num: 55

Candidate Starts for RexFury_52:

(Start: 55 @38049 has 570 MA's), (Start: 59 @38022 has 2 MA's), (Start: 72 @37935 has 33 MA's), (79, 37893), (86, 37860), (96, 37788), (108, 37731), (129, 37620), (133, 37599), (134, 37596), (140, 37548), (143, 37530), (145, 37506), (146, 37503), (152, 37440), (158, 37410), (175, 37347), (189, 37275),

Gene: Rhodalysa_53 Start: 38018, Stop: 37137, Start Num: 55

Candidate Starts for Rhodalysa_53:

(Start: 55 @38018 has 570 MA's), (Start: 59 @37991 has 2 MA's), (Start: 72 @37904 has 33 MA's), (79, 37862), (86, 37829), (96, 37757), (108, 37700), (129, 37589), (133, 37568), (134, 37565), (140, 37517), (143, 37499), (145, 37475), (146, 37472), (152, 37409), (158, 37379), (175, 37316), (189, 37244),

Gene: RhynO_62 Start: 40962, Stop: 40165, Start Num: 55

Candidate Starts for RhynO_62:

(Start: 55 @40962 has 570 MA's), (Start: 57 @40950 has 99 MA's), (Start: 62 @40902 has 31 MA's), (Start: 66 @40884 has 1 MA's), (Start: 71 @40851 has 1 MA's), (78, 40809), (84, 40782), (90, 40728), (96, 40701), (109, 40641), (121, 40578), (125, 40560), (128, 40536), (129, 40533), (139, 40464), (140, 40461), (143, 40443), (159, 40320), (175, 40260), (177, 40239), (181, 40224), (183, 40215), (189, 40188),

Gene: Rhynn_61 Start: 41686, Stop: 40877, Start Num: 57

Candidate Starts for Rhynn_61:

(Start: 45 @41725 has 15 MA's), (Start: 57 @41686 has 99 MA's), (92, 41455), (95, 41443), (99, 41416), (102, 41401), (103, 41389), (129, 41248), (140, 41170), (173, 40978), (189, 40897),

Gene: Rideau_64 Start: 32543, Stop: 31683, Start Num: 51

Candidate Starts for Rideau_64:

(Start: 51 @32543 has 57 MA's), (Start: 70 @32435 has 1 MA's), (Start: 72 @32429 has 33 MA's), (75, 32405), (77, 32393), (78, 32390), (83, 32369), (88, 32315), (92, 32294), (100, 32252), (118, 32165), (125, 32135), (132, 32093), (140, 32045), (142, 32030), (143, 32027), (154, 31937), (174, 31859), (180, 31826), (185, 31805), (197, 31754), (202, 31730), (204, 31712),

Gene: RidgeCB_63 Start: 41944, Stop: 41123, Start Num: 53

Candidate Starts for RidgeCB_63:

(Start: 53 @41944 has 118 MA's), (Start: 57 @41932 has 99 MA's), (92, 41701), (95, 41689), (102, 41647), (103, 41635), (129, 41494), (140, 41416), (148, 41365), (162, 41266), (173, 41224), (175, 41215), (189, 41143),

Gene: Rifter_71 Start: 40545, Stop: 39799, Start Num: 62

Candidate Starts for Rifter_71:

(Start: 62 @40545 has 31 MA's), (91, 40368), (99, 40323), (108, 40284), (129, 40173), (140, 40098), (143, 40080), (145, 40056), (157, 39969), (158, 39960), (159, 39957), (189, 39825),

Gene: Rileysaurus_32 Start: 22779, Stop: 21916, Start Num: 55

Candidate Starts for Rileysaurus_32:

(Start: 55 @22779 has 570 MA's), (68, 22683), (Start: 72 @22656 has 33 MA's), (79, 22614), (82, 22599), (87, 22563), (120, 22389), (121, 22383), (123, 22371), (125, 22365), (132, 22323), (140, 22275), (143, 22257), (166, 22116), (178, 22056), (206, 21942),

Gene: Ringer_65 Start: 43886, Stop: 43065, Start Num: 55

Candidate Starts for Ringer_65:

(Start: 55 @43886 has 570 MA's), (92, 43643), (95, 43631), (102, 43589), (103, 43577), (129, 43436), (140, 43358), (162, 43208), (173, 43166), (175, 43157), (189, 43085),

Gene: Roary_79 Start: 43446, Stop: 42646, Start Num: 55

Candidate Starts for Roary_79:

(Start: 55 @43446 has 570 MA's), (Start: 62 @43386 has 31 MA's), (Start: 65 @43374 has 2 MA's), (81, 43278), (96, 43185), (112, 43107), (129, 43014), (139, 42945), (140, 42942), (143, 42924), (149, 42882), (151, 42843), (158, 42804), (159, 42801), (162, 42792), (173, 42750), (175, 42741), (181, 42705), (189, 42669), (192, 42651),

Gene: RockieBear_62 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for RockieBear_62:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458),

(129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Rockstar_64 Start: 41195, Stop: 40398, Start Num: 55

Candidate Starts for Rockstar_64:

(Start: 55 @41195 has 570 MA's), (Start: 62 @41135 has 31 MA's), (78, 41042), (90, 40961), (96, 40934), (121, 40811), (128, 40769), (129, 40766), (140, 40694), (143, 40676), (151, 40595), (159, 40553), (169, 40517), (175, 40493), (177, 40472), (189, 40421),

Gene: Rohr_65 Start: 43421, Stop: 42612, Start Num: 57

Candidate Starts for Rohr_65:

(Start: 45 @43460 has 15 MA's), (Start: 57 @43421 has 99 MA's), (92, 43190), (95, 43178), (103, 43124), (129, 42983), (140, 42905), (148, 42854), (162, 42755), (173, 42713), (175, 42704), (189, 42632),

Gene: Roksolana_72 Start: 41435, Stop: 40629, Start Num: 55

Candidate Starts for Roksolana_72:

(Start: 55 @41435 has 570 MA's), (Start: 62 @41375 has 31 MA's), (91, 41198), (99, 41153), (108, 41114), (129, 41003), (140, 40928), (143, 40910), (145, 40886), (157, 40799), (158, 40790), (159, 40787), (189, 40655),

Gene: Romero_63 Start: 32716, Stop: 31862, Start Num: 51

Candidate Starts for Romero_63:

(Start: 51 @32716 has 57 MA's), (Start: 72 @32602 has 33 MA's), (75, 32578), (77, 32566), (78, 32563), (79, 32560), (83, 32542), (88, 32488), (90, 32476), (92, 32467), (100, 32425), (118, 32338), (132, 32266), (140, 32218), (142, 32203), (143, 32200), (154, 32110), (174, 32032), (180, 31999), (185, 31978),

Gene: Romney_63 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for Romney_63:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Roosevelt_62 Start: 41886, Stop: 41080, Start Num: 55

Candidate Starts for Roosevelt_62:

(Start: 39 @41931 has 1 MA's), (Start: 55 @41886 has 570 MA's), (Start: 57 @41874 has 99 MA's), (Start: 66 @41808 has 1 MA's), (78, 41733), (90, 41652), (96, 41625), (121, 41502), (128, 41460), (129, 41457), (136, 41394), (139, 41385), (140, 41382), (143, 41364), (151, 41283), (160, 41238), (162, 41232), (164, 41223), (177, 41160), (189, 41109),

Gene: Rosa24_62 Start: 41915, Stop: 41109, Start Num: 55

Candidate Starts for Rosa24_62:

(Start: 39 @41960 has 1 MA's), (Start: 55 @41915 has 570 MA's), (Start: 57 @41903 has 99 MA's), (Start: 66 @41837 has 1 MA's), (78, 41762), (90, 41681), (96, 41654), (121, 41531), (128, 41489), (129, 41486), (136, 41423), (139, 41414), (140, 41411), (143, 41393), (151, 41312), (160, 41267), (162, 41261), (164, 41252), (177, 41189), (189, 41138),

Gene: Rosalind_75 Start: 42578, Stop: 41748, Start Num: 45

Candidate Starts for Rosalind_75:

(Start: 45 @42578 has 15 MA's), (Start: 61 @42491 has 6 MA's), (68, 42461), (Start: 70 @42440 has 1 MA's), (78, 42395), (81, 42380), (86, 42359), (90, 42314), (91, 42311), (92, 42305), (93, 42302), (110,

42218), (116, 42182), (121, 42161), (129, 42116), (140, 42044), (143, 42026), (151, 41945), (158, 41906), (159, 41903), (189, 41771),

Gene: RosePharie_62 Start: 32326, Stop: 31469, Start Num: 51

Candidate Starts for RosePharie_62:

(Start: 51 @32326 has 57 MA's), (Start: 70 @32218 has 1 MA's), (Start: 72 @32212 has 33 MA's), (75, 32188), (77, 32176), (78, 32173), (79, 32170), (80, 32161), (83, 32152), (88, 32098), (90, 32086), (92, 32077), (100, 32035), (118, 31948), (132, 31876), (140, 31828), (143, 31810), (148, 31777), (154, 31720), (174, 31642), (175, 31639), (180, 31609), (185, 31588), (204, 31498),

Gene: Rowdy_65 Start: 41034, Stop: 40237, Start Num: 55

Candidate Starts for Rowdy_65:

(Start: 55 @41034 has 570 MA's), (Start: 57 @41022 has 99 MA's), (Start: 62 @40974 has 31 MA's), (Start: 66 @40956 has 1 MA's), (Start: 71 @40923 has 1 MA's), (78, 40881), (84, 40854), (90, 40800), (96, 40773), (109, 40713), (121, 40650), (125, 40632), (128, 40608), (129, 40605), (139, 40536), (140, 40533), (143, 40515), (159, 40392), (175, 40332), (177, 40311), (181, 40296), (183, 40287), (189, 40260),

Gene: Rubeus_62 Start: 39761, Stop: 38940, Start Num: 53

Candidate Starts for Rubeus_62:

(Start: 53 @39761 has 118 MA's), (Start: 57 @39749 has 99 MA's), (92, 39518), (95, 39506), (99, 39479), (102, 39464), (103, 39452), (129, 39311), (140, 39233), (162, 39083), (173, 39041), (174, 39035), (189, 38960),

Gene: Rufus_65 Start: 42445, Stop: 41624, Start Num: 53

Candidate Starts for Rufus_65:

(Start: 53 @42445 has 118 MA's), (Start: 57 @42433 has 99 MA's), (92, 42202), (95, 42190), (99, 42163), (102, 42148), (103, 42136), (129, 41995), (140, 41917), (162, 41767), (173, 41725), (174, 41719), (189, 41644),

Gene: Ruin_64 Start: 41877, Stop: 41071, Start Num: 55

Candidate Starts for Ruin_64:

(Start: 39 @41922 has 1 MA's), (Start: 55 @41877 has 570 MA's), (Start: 57 @41865 has 99 MA's), (Start: 66 @41799 has 1 MA's), (78, 41724), (90, 41643), (96, 41616), (121, 41493), (128, 41451), (129, 41448), (136, 41385), (139, 41376), (140, 41373), (143, 41355), (148, 41322), (151, 41274), (160, 41229), (162, 41223), (164, 41214), (177, 41151), (189, 41100),

Gene: Rummer_68 Start: 42031, Stop: 41222, Start Num: 55

Candidate Starts for Rummer_68:

(Start: 55 @42031 has 570 MA's), (58, 42010), (Start: 65 @41959 has 2 MA's), (96, 41770), (99, 41749), (121, 41647), (122, 41644), (128, 41605), (131, 41590), (140, 41530), (143, 41512), (145, 41488), (157, 41401), (158, 41392), (175, 41329), (189, 41257),

Gene: Ruotula_67 Start: 44169, Stop: 43348, Start Num: 53

Candidate Starts for Ruotula_67:

(Start: 53 @44169 has 118 MA's), (Start: 57 @44157 has 99 MA's), (92, 43926), (95, 43914), (99, 43887), (102, 43872), (103, 43860), (129, 43719), (140, 43641), (159, 43500), (164, 43482), (173, 43449), (174, 43443), (189, 43368),

Gene: Rusticus_36 Start: 26587, Stop: 27342, Start Num: 72

Candidate Starts for Rusticus_36:

(4, 26092), (31, 26401), (Start: 55 @26467 has 570 MA's), (Start: 72 @26587 has 33 MA's), (83, 26647), (87, 26680), (92, 26716), (97, 26740), (99, 26755), (119, 26851), (127, 26902), (129, 26908),

(132, 26923), (137, 26962), (140, 26971), (175, 27175), (176, 27187), (188, 27244), (207, 27325), (208, 27328),

Gene: Rutherferd_65 Start: 43502, Stop: 42693, Start Num: 57

Candidate Starts for Rutherferd_65:

(Start: 45 @43541 has 15 MA's), (Start: 57 @43502 has 99 MA's), (92, 43271), (95, 43259), (102, 43217), (103, 43205), (129, 43064), (140, 42986), (173, 42794), (189, 42713),

Gene: RyeScarlet_72 Start: 42173, Stop: 41364, Start Num: 55

Candidate Starts for RyeScarlet_72:

(Start: 55 @42173 has 570 MA's), (84, 41993), (89, 41948), (91, 41936), (95, 41918), (117, 41801), (129, 41741), (140, 41666), (143, 41648), (145, 41624), (151, 41567), (157, 41537), (158, 41528), (186, 41402), (189, 41390),

Gene: SKKY_33 Start: 22530, Stop: 21577, Start Num: 55

Candidate Starts for SKKY_33:

(Start: 55 @22530 has 570 MA's), (68, 22434), (Start: 70 @22413 has 1 MA's), (Start: 71 @22410 has 1 MA's), (Start: 72 @22407 has 33 MA's), (79, 22365), (82, 22350), (87, 22314), (120, 22140), (123, 22122), (125, 22116), (132, 22074), (140, 22026), (206, 21693), (212, 21585),

Gene: STLscum_72 Start: 44265, Stop: 43444, Start Num: 53

Candidate Starts for STLscum_72:

(Start: 53 @44265 has 118 MA's), (Start: 57 @44253 has 99 MA's), (92, 44022), (95, 44010), (102, 43968), (103, 43956), (129, 43815), (140, 43737), (162, 43587), (173, 43545), (174, 43539), (189, 43464),

Gene: Sabertooth_64 Start: 41886, Stop: 41080, Start Num: 55

Candidate Starts for Sabertooth_64:

(Start: 39 @41931 has 1 MA's), (Start: 55 @41886 has 570 MA's), (Start: 57 @41874 has 99 MA's), (Start: 66 @41808 has 1 MA's), (78, 41733), (90, 41652), (96, 41625), (121, 41502), (128, 41460), (129, 41457), (136, 41394), (139, 41385), (140, 41382), (143, 41364), (151, 41283), (160, 41238), (162, 41232), (164, 41223), (177, 41160), (189, 41109),

Gene: Sabia_69 Start: 42012, Stop: 41203, Start Num: 55

Candidate Starts for Sabia_69:

(Start: 55 @42012 has 570 MA's), (58, 41991), (Start: 65 @41940 has 2 MA's), (96, 41751), (99, 41730), (121, 41628), (122, 41625), (128, 41586), (131, 41571), (140, 41511), (143, 41493), (145, 41469), (157, 41382), (158, 41373), (175, 41310), (189, 41238),

Gene: Sabinator_67 Start: 42002, Stop: 41193, Start Num: 55

Candidate Starts for Sabinator_67:

(Start: 55 @42002 has 570 MA's), (58, 41981), (Start: 65 @41930 has 2 MA's), (96, 41741), (99, 41720), (121, 41618), (122, 41615), (128, 41576), (131, 41561), (140, 41501), (143, 41483), (145, 41459), (157, 41372), (158, 41363), (175, 41300), (189, 41228),

Gene: Sachima_67 Start: 42154, Stop: 41345, Start Num: 55

Candidate Starts for Sachima_67:

(Start: 55 @42154 has 570 MA's), (84, 41974), (89, 41929), (91, 41917), (95, 41899), (117, 41782), (129, 41722), (140, 41647), (143, 41629), (145, 41605), (151, 41548), (157, 41518), (158, 41509), (186, 41383), (189, 41371),

Gene: Saftant_36 Start: 28074, Stop: 28964, Start Num: 55

Candidate Starts for Saftant_36:

(27, 28005), (Start: 55 @28074 has 570 MA's), (68, 28167), (Start: 72 @28194 has 33 MA's), (80, 28245), (83, 28254), (87, 28287), (92, 28323), (97, 28347), (99, 28362), (132, 28530), (137, 28569), (140, 28578), (153, 28698), (164, 28740), (176, 28794), (184, 28830), (185, 28833), (188, 28851), (194, 28878),

Gene: Sagefire_65 Start: 43636, Stop: 42827, Start Num: 57

Candidate Starts for Sagefire_65:

(Start: 45 @43675 has 15 MA's), (Start: 57 @43636 has 99 MA's), (92, 43405), (95, 43393), (102, 43351), (103, 43339), (129, 43198), (140, 43120), (162, 42970), (173, 42928), (174, 42922), (189, 42847),

Gene: Saintus_73 Start: 40110, Stop: 39310, Start Num: 55

Candidate Starts for Saintus_73:

(34, 40170), (42, 40149), (48, 40125), (Start: 55 @40110 has 570 MA's), (Start: 62 @40050 has 31 MA's), (81, 39942), (96, 39849), (107, 39792), (112, 39771), (129, 39678), (139, 39609), (140, 39606), (143, 39588), (149, 39546), (151, 39507), (158, 39468), (159, 39465), (162, 39456), (173, 39414), (175, 39405), (181, 39369), (189, 39333), (192, 39315),

Gene: Salz_66 Start: 40962, Stop: 40165, Start Num: 55

Candidate Starts for Salz_66:

(Start: 55 @40962 has 570 MA's), (Start: 71 @40857 has 1 MA's), (Start: 72 @40854 has 33 MA's), (91, 40731), (116, 40605), (129, 40539), (140, 40464), (143, 40446), (145, 40422), (151, 40365), (158, 40326), (159, 40323), (171, 40281), (183, 40218), (189, 40191),

Gene: Sandaddy_61 Start: 41904, Stop: 41095, Start Num: 57

Candidate Starts for Sandaddy_61:

(Start: 45 @41943 has 15 MA's), (Start: 57 @41904 has 99 MA's), (92, 41673), (95, 41661), (99, 41634), (102, 41619), (103, 41607), (104, 41604), (129, 41466), (140, 41388), (162, 41238), (164, 41229), (173, 41196), (175, 41187), (189, 41115),

Gene: Sanya_59 Start: 43004, Stop: 42183, Start Num: 53

Candidate Starts for Sanya_59:

(Start: 49 @43007 has 3 MA's), (Start: 53 @43004 has 118 MA's), (Start: 57 @42992 has 99 MA's), (92, 42761), (95, 42749), (102, 42707), (103, 42695), (129, 42554), (140, 42476), (148, 42425), (162, 42326), (173, 42284), (174, 42278), (189, 42203),

Gene: SarFire_62 Start: 41985, Stop: 41164, Start Num: 53

Candidate Starts for SarFire_62:

(Start: 53 @41985 has 118 MA's), (Start: 57 @41973 has 99 MA's), (Start: 61 @41928 has 6 MA's), (92, 41742), (95, 41730), (102, 41688), (103, 41676), (129, 41535), (140, 41457), (162, 41307), (173, 41265), (174, 41259), (189, 41184),

Gene: SarahRose_35 Start: 26480, Stop: 27355, Start Num: 55

Candidate Starts for SarahRose_35:

(8, 26240), (11, 26288), (27, 26405), (Start: 55 @26480 has 570 MA's), (Start: 72 @26600 has 33 MA's), (83, 26660), (86, 26675), (87, 26693), (92, 26729), (97, 26753), (99, 26768), (119, 26864), (127, 26915), (129, 26921), (132, 26936), (137, 26975), (139, 26981), (140, 26984), (145, 27026), (175, 27188), (176, 27200), (188, 27257), (207, 27338), (208, 27341),

Gene: Saskia_67 Start: 41046, Stop: 40249, Start Num: 55

Candidate Starts for Saskia_67:

(Start: 55 @41046 has 570 MA's), (Start: 71 @40941 has 1 MA's), (Start: 72 @40938 has 33 MA's), (91, 40815), (108, 40734), (116, 40689), (129, 40623), (140, 40548), (143, 40530), (145, 40506), (151,

40449), (158, 40410), (159, 40407), (162, 40398), (171, 40365), (183, 40302), (189, 40275),

Gene: SaturnRing_66 Start: 41754, Stop: 40957, Start Num: 55

Candidate Starts for SaturnRing_66:

(Start: 55 @41754 has 570 MA's), (Start: 62 @41694 has 31 MA's), (78, 41601), (90, 41520), (96, 41493), (121, 41370), (128, 41328), (129, 41325), (140, 41253), (143, 41235), (157, 41124), (159, 41112), (169, 41076), (175, 41052), (177, 41031), (181, 41016), (183, 41007), (189, 40980),

Gene: Scamp_64 Start: 41886, Stop: 41080, Start Num: 55

Candidate Starts for Scamp_64:

(Start: 39 @41931 has 1 MA's), (Start: 55 @41886 has 570 MA's), (Start: 57 @41874 has 99 MA's), (Start: 66 @41808 has 1 MA's), (78, 41733), (90, 41652), (96, 41625), (121, 41502), (128, 41460), (129, 41457), (136, 41394), (139, 41385), (140, 41382), (143, 41364), (148, 41331), (151, 41283), (160, 41238), (162, 41232), (164, 41223), (177, 41160), (189, 41109),

Gene: Scherzo_70 Start: 42417, Stop: 41608, Start Num: 55

Candidate Starts for Scherzo_70:

(Start: 55 @42417 has 570 MA's), (84, 42237), (89, 42192), (91, 42180), (95, 42162), (117, 42045), (129, 41985), (140, 41910), (143, 41892), (145, 41868), (151, 41811), (157, 41781), (158, 41772), (186, 41646), (189, 41634),

Gene: Scorpia_67 Start: 41822, Stop: 41016, Start Num: 55

Candidate Starts for Scorpia_67:

(36, 41876), (Start: 55 @41822 has 570 MA's), (60, 41771), (Start: 62 @41762 has 31 MA's), (91, 41585), (95, 41567), (96, 41561), (108, 41501), (111, 41486), (112, 41483), (116, 41456), (121, 41435), (129, 41390), (139, 41315), (140, 41312), (143, 41294), (145, 41270), (148, 41261), (149, 41252), (157, 41183), (158, 41174), (159, 41171), (175, 41111), (189, 41039),

Gene: Scout_65 Start: 40908, Stop: 40111, Start Num: 55

Candidate Starts for Scout_65:

(Start: 55 @40908 has 570 MA's), (Start: 62 @40848 has 31 MA's), (78, 40755), (90, 40674), (96, 40647), (121, 40524), (128, 40482), (129, 40479), (140, 40407), (143, 40389), (157, 40278), (159, 40266), (169, 40230), (175, 40206), (177, 40185), (189, 40134),

Gene: Scowl_64 Start: 41917, Stop: 41096, Start Num: 53

Candidate Starts for Scowl_64:

(Start: 53 @41917 has 118 MA's), (Start: 57 @41905 has 99 MA's), (92, 41674), (95, 41662), (102, 41620), (103, 41608), (129, 41467), (140, 41389), (159, 41248), (164, 41230), (173, 41197), (174, 41191), (189, 41116),

Gene: Seabiscuit_66 Start: 41529, Stop: 40720, Start Num: 57

Candidate Starts for Seabiscuit_66:

(Start: 45 @41568 has 15 MA's), (Start: 57 @41529 has 99 MA's), (92, 41298), (95, 41286), (99, 41259), (102, 41244), (103, 41232), (129, 41091), (140, 41013), (162, 40863), (189, 40740),

Gene: Seanderson_66 Start: 44530, Stop: 43721, Start Num: 57

Candidate Starts for Seanderson_66:

(Start: 45 @44569 has 15 MA's), (Start: 57 @44530 has 99 MA's), (92, 44299), (95, 44287), (99, 44260), (102, 44245), (103, 44233), (129, 44092), (140, 44014), (159, 43873), (164, 43855), (189, 43741),

Gene: SemperFi_69 Start: 42854, Stop: 42048, Start Num: 51

Candidate Starts for SemperFi_69:

(Start: 51 @42854 has 57 MA's), (Start: 62 @42794 has 31 MA's), (78, 42701), (84, 42674), (91, 42617), (117, 42482), (129, 42422), (140, 42347), (143, 42329), (157, 42218), (158, 42209), (164, 42188), (189, 42074),

Gene: SenorClean_65 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for SenorClean_65:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Serenity_72 Start: 42071, Stop: 41265, Start Num: 55

Candidate Starts for Serenity_72:

(29, 42146), (Start: 55 @42071 has 570 MA's), (81, 41903), (91, 41834), (101, 41780), (127, 41645), (130, 41636), (140, 41564), (143, 41546), (151, 41465), (157, 41435), (158, 41426), (164, 41405), (171, 41381), (189, 41291),

Gene: Severus_60 Start: 40014, Stop: 39217, Start Num: 55

Candidate Starts for Severus_60:

(Start: 55 @40014 has 570 MA's), (Start: 62 @39954 has 31 MA's), (Start: 66 @39936 has 1 MA's), (78, 39861), (84, 39834), (90, 39780), (121, 39630), (129, 39585), (130, 39582), (140, 39513), (143, 39495), (159, 39372), (177, 39291), (185, 39261), (189, 39240),

Gene: Shaka_62 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for Shaka_62:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Sham4_67 Start: 41046, Stop: 40249, Start Num: 55

Candidate Starts for Sham4_67:

(Start: 55 @41046 has 570 MA's), (Start: 71 @40941 has 1 MA's), (Start: 72 @40938 has 33 MA's), (91, 40815), (116, 40689), (129, 40623), (140, 40548), (143, 40530), (145, 40506), (151, 40449), (158, 40410), (159, 40407), (171, 40365), (183, 40302), (189, 40275),

Gene: Shapes_65 Start: 41034, Stop: 40237, Start Num: 55

Candidate Starts for Shapes_65:

(Start: 55 @41034 has 570 MA's), (Start: 57 @41022 has 99 MA's), (Start: 62 @40974 has 31 MA's), (Start: 66 @40956 has 1 MA's), (Start: 71 @40923 has 1 MA's), (78, 40881), (84, 40854), (90, 40800), (96, 40773), (109, 40713), (121, 40650), (125, 40632), (128, 40608), (129, 40605), (139, 40536), (140, 40533), (143, 40515), (159, 40392), (175, 40332), (177, 40311), (181, 40296), (183, 40287), (189, 40260),

Gene: ShayRa_77 Start: 42607, Stop: 41777, Start Num: 45

Candidate Starts for ShayRa_77:

(Start: 45 @42607 has 15 MA's), (Start: 61 @42520 has 6 MA's), (68, 42490), (Start: 70 @42469 has 1 MA's), (78, 42424), (81, 42409), (86, 42388), (90, 42343), (91, 42340), (92, 42334), (93, 42331), (110, 42247), (116, 42211), (121, 42190), (129, 42145), (140, 42073), (143, 42055), (151, 41974), (158, 41935), (159, 41932), (189, 41800),

Gene: SheaKeira_66 Start: 41338, Stop: 40529, Start Num: 55

Candidate Starts for SheaKeira_66:

(Start: 55 @41338 has 570 MA's), (84, 41158), (89, 41113), (91, 41101), (95, 41083), (99, 41056), (117, 40966), (127, 40912), (129, 40906), (140, 40831), (143, 40813), (145, 40789), (148, 40780), (151, 40732), (158, 40693), (189, 40555),

Gene: Sheen_67 Start: 45412, Stop: 44615, Start Num: 55

Candidate Starts for Sheen_67:

(12, 45613), (Start: 55 @45412 has 570 MA's), (60, 45361), (Start: 62 @45352 has 31 MA's), (Start: 65 @45340 has 2 MA's), (Start: 72 @45298 has 33 MA's), (84, 45232), (89, 45187), (90, 45178), (92, 45169), (110, 45085), (121, 45028), (125, 45010), (128, 44986), (129, 44983), (133, 44962), (139, 44914), (140, 44911), (143, 44893), (146, 44866), (157, 44782), (159, 44770), (164, 44752), (171, 44728), (175, 44710), (177, 44689), (189, 44638),

Gene: SheldonCooper_64 Start: 42297, Stop: 41491, Start Num: 55

Candidate Starts for SheldonCooper_64:

(Start: 39 @42342 has 1 MA's), (Start: 55 @42297 has 570 MA's), (Start: 57 @42285 has 99 MA's), (Start: 66 @42219 has 1 MA's), (78, 42144), (90, 42063), (96, 42036), (121, 41913), (128, 41871), (129, 41868), (136, 41805), (139, 41796), (140, 41793), (143, 41775), (151, 41694), (160, 41649), (162, 41643), (164, 41634), (177, 41571), (189, 41520),

Gene: ShortQueendom_55 Start: 39615, Stop: 38806, Start Num: 57

Candidate Starts for ShortQueendom_55:

(Start: 45 @39654 has 15 MA's), (Start: 57 @39615 has 99 MA's), (92, 39384), (95, 39372), (102, 39330), (103, 39318), (129, 39177), (140, 39099), (162, 38949), (189, 38826),

Gene: Shuman_53 Start: 37972, Stop: 37091, Start Num: 55

Candidate Starts for Shuman_53:

(Start: 55 @37972 has 570 MA's), (Start: 59 @37945 has 2 MA's), (Start: 72 @37858 has 33 MA's), (79, 37816), (86, 37783), (96, 37711), (108, 37654), (129, 37543), (133, 37522), (134, 37519), (140, 37471), (143, 37453), (145, 37429), (146, 37426), (152, 37363), (158, 37333), (175, 37270), (189, 37198),

Gene: Shygu2_63 Start: 42184, Stop: 41384, Start Num: 55

Candidate Starts for Shygu2_63:

(Start: 39 @42229 has 1 MA's), (Start: 55 @42184 has 570 MA's), (Start: 57 @42172 has 99 MA's), (Start: 62 @42124 has 31 MA's), (Start: 66 @42106 has 1 MA's), (78, 42031), (90, 41950), (91, 41947), (96, 41923), (121, 41800), (129, 41755), (136, 41692), (139, 41683), (140, 41680), (143, 41662), (148, 41629), (160, 41536), (162, 41530), (164, 41521), (177, 41458), (189, 41407),

Gene: Sibs6_65 Start: 40650, Stop: 39829, Start Num: 53

Candidate Starts for Sibs6_65:

(Start: 53 @40650 has 118 MA's), (Start: 57 @40638 has 99 MA's), (92, 40407), (95, 40395), (102, 40353), (103, 40341), (129, 40200), (140, 40122), (162, 39972), (189, 39849),

Gene: SkiPole_71 Start: 43538, Stop: 42717, Start Num: 53

Candidate Starts for SkiPole_71:

(Start: 53 @43538 has 118 MA's), (Start: 57 @43526 has 99 MA's), (92, 43295), (95, 43283), (102, 43241), (103, 43229), (129, 43088), (140, 43010), (162, 42860), (173, 42818), (174, 42812), (189, 42737),

Gene: Skipitt_63 Start: 41878, Stop: 41072, Start Num: 55

Candidate Starts for Skipitt_63:

(Start: 39 @41923 has 1 MA's), (Start: 55 @41878 has 570 MA's), (Start: 57 @41866 has 99 MA's), (Start: 66 @41800 has 1 MA's), (78, 41725), (90, 41644), (96, 41617), (121, 41494), (128, 41452),

(129, 41449), (136, 41386), (139, 41377), (140, 41374), (143, 41356), (148, 41323), (151, 41275), (160, 41230), (162, 41224), (164, 41215), (177, 41152), (189, 41101),

Gene: Sknot_68 Start: 42300, Stop: 41494, Start Num: 51

Candidate Starts for Sknot_68:

(Start: 51 @42300 has 57 MA's), (Start: 62 @42240 has 31 MA's), (91, 42063), (129, 41868), (140, 41793), (143, 41775), (145, 41751), (151, 41694), (157, 41664), (158, 41655), (164, 41634), (189, 41520),

Gene: Slagathor_65 Start: 44013, Stop: 43192, Start Num: 53

Candidate Starts for Slagathor_65:

(Start: 53 @44013 has 118 MA's), (Start: 57 @44001 has 99 MA's), (92, 43770), (95, 43758), (102, 43716), (103, 43704), (129, 43563), (138, 43491), (140, 43485), (162, 43335), (173, 43293), (174, 43287), (189, 43212),

Gene: Smairt_65 Start: 44444, Stop: 43635, Start Num: 57

Candidate Starts for Smairt_65:

(Start: 45 @44483 has 15 MA's), (Start: 57 @44444 has 99 MA's), (92, 44213), (95, 44201), (102, 44159), (103, 44147), (129, 44006), (140, 43928), (162, 43778), (173, 43736), (174, 43730), (189, 43655),

Gene: Smeadley_77 Start: 43281, Stop: 42481, Start Num: 55

Candidate Starts for Smeadley_77:

(34, 43338), (42, 43320), (48, 43296), (Start: 55 @43281 has 570 MA's), (Start: 62 @43221 has 31 MA's), (Start: 72 @43167 has 33 MA's), (81, 43113), (96, 43020), (107, 42963), (112, 42942), (127, 42855), (129, 42849), (139, 42780), (140, 42777), (143, 42759), (151, 42678), (158, 42639), (159, 42636), (162, 42627), (173, 42585), (175, 42576), (181, 42540), (189, 42504), (191, 42495),

Gene: Smeagan_71 Start: 43165, Stop: 42359, Start Num: 52

Candidate Starts for Smeagan_71:

(Start: 52 @43165 has 49 MA's), (Start: 62 @43105 has 31 MA's), (Start: 66 @43087 has 1 MA's), (78, 43012), (84, 42985), (91, 42928), (99, 42883), (101, 42874), (130, 42730), (140, 42658), (143, 42640), (145, 42616), (151, 42559), (157, 42529), (158, 42520), (159, 42517), (164, 42499), (189, 42385),

Gene: Smeagol_66 Start: 43930, Stop: 43121, Start Num: 57

Candidate Starts for Smeagol_66:

(Start: 45 @43969 has 15 MA's), (Start: 57 @43930 has 99 MA's), (Start: 61 @43885 has 6 MA's), (92, 43699), (95, 43687), (103, 43633), (129, 43492), (140, 43414), (162, 43264), (173, 43222), (175, 43213), (189, 43141),

Gene: SmellyB_70 Start: 41068, Stop: 40262, Start Num: 55

Candidate Starts for SmellyB_70:

(26, 41149), (Start: 55 @41068 has 570 MA's), (91, 40831), (129, 40636), (140, 40561), (143, 40543), (145, 40519), (157, 40432), (158, 40423), (159, 40420), (185, 40309), (189, 40288),

Gene: SnapTap_68 Start: 42665, Stop: 41859, Start Num: 51

Candidate Starts for SnapTap_68:

(Start: 51 @42665 has 57 MA's), (Start: 62 @42605 has 31 MA's), (78, 42512), (84, 42485), (91, 42428), (117, 42293), (129, 42233), (140, 42158), (143, 42140), (157, 42029), (158, 42020), (164, 41999), (189, 41885),

Gene: Snape_67 Start: 41038, Stop: 40241, Start Num: 55

Candidate Starts for Snape_67:

(Start: 55 @41038 has 570 MA's), (Start: 71 @40933 has 1 MA's), (Start: 72 @40930 has 33 MA's), (91, 40807), (116, 40681), (129, 40615), (140, 40540), (143, 40522), (145, 40498), (151, 40441), (158, 40402), (159, 40399), (162, 40390), (171, 40357), (183, 40294), (189, 40267),

Gene: Snazzy_61 Start: 41071, Stop: 40262, Start Num: 57

Candidate Starts for Snazzy_61:

(Start: 45 @41110 has 15 MA's), (Start: 57 @41071 has 99 MA's), (92, 40840), (95, 40828), (102, 40786), (103, 40774), (129, 40633), (140, 40555), (162, 40405), (173, 40363), (174, 40357), (189, 40282),

Gene: Snickers_69 Start: 41977, Stop: 41168, Start Num: 55

Candidate Starts for Snickers_69:

(Start: 55 @41977 has 570 MA's), (58, 41956), (Start: 65 @41905 has 2 MA's), (96, 41716), (99, 41695), (121, 41593), (122, 41590), (128, 41551), (131, 41536), (140, 41476), (143, 41458), (145, 41434), (157, 41347), (158, 41338), (175, 41275), (189, 41203),

Gene: Snorlax_35 Start: 26484, Stop: 27359, Start Num: 55

Candidate Starts for Snorlax_35:

(8, 26244), (11, 26292), (27, 26409), (Start: 55 @26484 has 570 MA's), (Start: 72 @26604 has 33 MA's), (83, 26664), (86, 26679), (87, 26697), (92, 26733), (97, 26757), (99, 26772), (119, 26868), (127, 26919), (129, 26925), (132, 26940), (137, 26979), (139, 26985), (140, 26988), (145, 27030), (175, 27192), (176, 27204), (188, 27261), (207, 27342), (208, 27345),

Gene: SoYo_68 Start: 41915, Stop: 41106, Start Num: 55

Candidate Starts for SoYo_68:

(Start: 55 @41915 has 570 MA's), (58, 41894), (Start: 65 @41843 has 2 MA's), (96, 41654), (99, 41633), (121, 41531), (122, 41528), (128, 41489), (131, 41474), (140, 41414), (143, 41396), (145, 41372), (157, 41285), (158, 41276), (175, 41213), (189, 41141),

Gene: SoilDragon_69 Start: 41451, Stop: 40642, Start Num: 55

Candidate Starts for SoilDragon_69:

(Start: 55 @41451 has 570 MA's), (58, 41430), (Start: 65 @41379 has 2 MA's), (96, 41190), (99, 41169), (121, 41067), (122, 41064), (128, 41025), (131, 41010), (140, 40950), (143, 40932), (145, 40908), (157, 40821), (158, 40812), (175, 40749), (189, 40677),

Gene: Solid_33 Start: 22761, Stop: 21898, Start Num: 55

Candidate Starts for Solid_33:

(Start: 55 @22761 has 570 MA's), (68, 22665), (Start: 70 @22644 has 1 MA's), (Start: 71 @22641 has 1 MA's), (Start: 72 @22638 has 33 MA's), (79, 22596), (82, 22581), (87, 22545), (120, 22371), (123, 22353), (125, 22347), (132, 22305), (140, 22257), (143, 22239), (166, 22098), (178, 22038), (206, 21924),

Gene: Solon_62 Start: 41647, Stop: 40838, Start Num: 57

Candidate Starts for Solon_62:

(Start: 45 @41686 has 15 MA's), (Start: 57 @41647 has 99 MA's), (92, 41416), (95, 41404), (102, 41362), (103, 41350), (129, 41209), (139, 41134), (140, 41131), (162, 40981), (173, 40939), (174, 40933), (189, 40858),

Gene: SororFago_70 Start: 43078, Stop: 42272, Start Num: 52

Candidate Starts for SororFago_70:

(Start: 52 @43078 has 49 MA's), (Start: 62 @43018 has 31 MA's), (89, 42853), (91, 42841), (99, 42796), (117, 42706), (121, 42691), (129, 42646), (140, 42571), (143, 42553), (145, 42529), (151, 42472), (158, 42433), (159, 42430), (164, 42412), (189, 42298),

Gene: Sorpresa_62 Start: 41906, Stop: 41097, Start Num: 57

Candidate Starts for Sorpresa_62:

(Start: 45 @41945 has 15 MA's), (Start: 57 @41906 has 99 MA's), (92, 41675), (95, 41663), (99, 41636), (102, 41621), (103, 41609), (104, 41606), (129, 41468), (140, 41390), (162, 41240), (164, 41231), (173, 41198), (175, 41189), (189, 41117),

Gene: Soshari_71 Start: 42027, Stop: 41218, Start Num: 55

Candidate Starts for Soshari_71:

(Start: 55 @42027 has 570 MA's), (58, 42006), (Start: 65 @41955 has 2 MA's), (96, 41766), (99, 41745), (121, 41643), (122, 41640), (128, 41601), (131, 41586), (140, 41526), (143, 41508), (145, 41484), (157, 41397), (158, 41388), (175, 41325), (189, 41253),

Gene: Soups_77 Start: 42871, Stop: 42041, Start Num: 45

Candidate Starts for Soups_77:

(Start: 45 @42871 has 15 MA's), (Start: 61 @42784 has 6 MA's), (68, 42754), (Start: 70 @42733 has 1 MA's), (78, 42688), (81, 42673), (86, 42652), (90, 42607), (91, 42604), (92, 42598), (93, 42595), (110, 42511), (116, 42475), (121, 42454), (129, 42409), (140, 42337), (143, 42319), (151, 42238), (158, 42199), (159, 42196), (189, 42064),

Gene: South40_35 Start: 26649, Stop: 27524, Start Num: 55

Candidate Starts for South40_35:

(27, 26574), (31, 26583), (Start: 55 @26649 has 570 MA's), (Start: 71 @26766 has 1 MA's), (Start: 72 @26769 has 33 MA's), (80, 26820), (83, 26829), (87, 26862), (92, 26898), (97, 26922), (99, 26937), (127, 27084), (129, 27090), (132, 27105), (137, 27144), (140, 27153), (145, 27195), (175, 27357), (176, 27369), (188, 27426), (207, 27507), (208, 27510), (209, 27513),

Gene: Sparxx_65 Start: 41879, Stop: 41073, Start Num: 55

Candidate Starts for Sparxx_65:

(Start: 39 @41924 has 1 MA's), (Start: 55 @41879 has 570 MA's), (Start: 57 @41867 has 99 MA's), (Start: 66 @41801 has 1 MA's), (78, 41726), (90, 41645), (96, 41618), (121, 41495), (128, 41453), (129, 41450), (136, 41387), (139, 41378), (140, 41375), (143, 41357), (151, 41276), (160, 41231), (162, 41225), (164, 41216), (177, 41153), (189, 41102),

Gene: Speedwell_41 Start: 29384, Stop: 30268, Start Num: 55

Candidate Starts for Speedwell_41:

(27, 29315), (Start: 55 @29384 has 570 MA's), (Start: 72 @29504 has 33 MA's), (83, 29564), (87, 29597), (92, 29633), (97, 29657), (99, 29672), (119, 29768), (127, 29819), (132, 29840), (137, 29879), (140, 29888), (145, 29930), (153, 30008), (164, 30050), (175, 30092), (176, 30104), (185, 30143), (188, 30161), (194, 30188),

Gene: Spike509_69 Start: 42028, Stop: 41219, Start Num: 55

Candidate Starts for Spike509_69:

(Start: 55 @42028 has 570 MA's), (58, 42007), (Start: 65 @41956 has 2 MA's), (96, 41767), (99, 41746), (121, 41644), (122, 41641), (128, 41602), (131, 41587), (140, 41527), (143, 41509), (145, 41485), (157, 41398), (158, 41389), (175, 41326), (189, 41254),

Gene: SpikeBT_62 Start: 42270, Stop: 41458, Start Num: 57

Candidate Starts for SpikeBT_62:

(Start: 45 @42309 has 15 MA's), (Start: 57 @42270 has 99 MA's), (92, 42039), (95, 42027), (102, 41985), (103, 41973), (129, 41832), (140, 41754), (164, 41595), (173, 41562), (189, 41481),

Gene: Spino_63 Start: 41887, Stop: 41081, Start Num: 55

Candidate Starts for Spino_63:

(Start: 39 @41932 has 1 MA's), (Start: 55 @41887 has 570 MA's), (Start: 57 @41875 has 99 MA's), (Start: 66 @41809 has 1 MA's), (78, 41734), (90, 41653), (96, 41626), (121, 41503), (128, 41461), (129, 41458), (136, 41395), (139, 41386), (140, 41383), (143, 41365), (151, 41284), (160, 41239), (162, 41233), (164, 41224), (177, 41161), (189, 41110),

Gene: Spooks_34 Start: 22052, Stop: 21219, Start Num: 53

Candidate Starts for Spooks_34:

(Start: 53 @22052 has 118 MA's), (81, 21884), (89, 21827), (92, 21809), (99, 21770), (129, 21620), (136, 21554), (141, 21533), (143, 21524), (149, 21482), (167, 21371), (173, 21350), (175, 21341), (190, 21263),

Gene: Spouty_69 Start: 41924, Stop: 41115, Start Num: 55

Candidate Starts for Spouty_69:

(Start: 55 @41924 has 570 MA's), (84, 41744), (91, 41687), (95, 41669), (117, 41552), (129, 41492), (140, 41417), (143, 41399), (145, 41375), (151, 41318), (157, 41288), (158, 41279), (186, 41153), (189, 41141),

Gene: SqueakyClean_35 Start: 27239, Stop: 28117, Start Num: 55

Candidate Starts for SqueakyClean_35:

(11, 27032), (Start: 55 @27239 has 570 MA's), (Start: 67 @27326 has 12 MA's), (68, 27332), (Start: 71 @27356 has 1 MA's), (Start: 72 @27359 has 33 MA's), (83, 27419), (87, 27452), (92, 27488), (93, 27491), (97, 27512), (99, 27527), (129, 27680), (132, 27695), (137, 27734), (140, 27743), (170, 27926), (176, 27959), (185, 27998),

Gene: Squee_64 Start: 41979, Stop: 41158, Start Num: 53

Candidate Starts for Squee_64:

(Start: 53 @41979 has 118 MA's), (92, 41736), (95, 41724), (102, 41682), (103, 41670), (129, 41529), (138, 41457), (140, 41451), (162, 41301), (189, 41178),

Gene: StCroix_52 Start: 38040, Stop: 37159, Start Num: 55

Candidate Starts for StCroix_52:

(Start: 55 @38040 has 570 MA's), (Start: 59 @38013 has 2 MA's), (Start: 72 @37926 has 33 MA's), (79, 37884), (86, 37851), (96, 37779), (108, 37722), (129, 37611), (133, 37590), (134, 37587), (140, 37539), (143, 37521), (145, 37497), (146, 37494), (152, 37431), (158, 37401), (175, 37338), (189, 37266),

Gene: Stagni_68 Start: 42006, Stop: 41197, Start Num: 55

Candidate Starts for Stagni_68:

(Start: 55 @42006 has 570 MA's), (58, 41985), (Start: 65 @41934 has 2 MA's), (96, 41745), (99, 41724), (121, 41622), (122, 41619), (128, 41580), (131, 41565), (140, 41505), (143, 41487), (145, 41463), (157, 41376), (158, 41367), (175, 41304), (189, 41232),

Gene: StarStuff_70 Start: 42630, Stop: 41884, Start Num: 62

Candidate Starts for StarStuff_70:

(Start: 62 @42630 has 31 MA's), (79, 42534), (117, 42318), (129, 42258), (130, 42255), (140, 42183), (143, 42165), (145, 42141), (151, 42084), (157, 42054), (158, 42045), (189, 41910),

Gene: Stasia_63 Start: 42066, Stop: 41266, Start Num: 55

Candidate Starts for Stasia_63:

(Start: 55 @42066 has 570 MA's), (Start: 57 @42054 has 99 MA's), (Start: 62 @42006 has 31 MA's), (Start: 66 @41988 has 1 MA's), (78, 41913), (86, 41877), (90, 41832), (96, 41805), (121, 41682), (129, 41637), (136, 41574), (139, 41565), (140, 41562), (143, 41544), (148, 41511), (160, 41418), (162,

41412), (164, 41403), (177, 41340), (189, 41289),

Gene: SteMason_61 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for SteMason_61:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Steamy_65 Start: 41731, Stop: 40925, Start Num: 55

Candidate Starts for Steamy_65:

(Start: 55 @41731 has 570 MA's), (Start: 62 @41671 has 31 MA's), (84, 41551), (91, 41494), (95, 41476), (99, 41449), (129, 41299), (140, 41224), (143, 41206), (145, 41182), (157, 41095), (158, 41086), (164, 41065), (189, 40951),

Gene: Stella_64 Start: 33098, Stop: 32238, Start Num: 51

Candidate Starts for Stella_64:

(Start: 51 @33098 has 57 MA's), (Start: 72 @32984 has 33 MA's), (75, 32960), (77, 32948), (78, 32945), (83, 32924), (88, 32870), (92, 32849), (100, 32807), (118, 32720), (125, 32690), (132, 32648), (140, 32600), (142, 32585), (143, 32582), (148, 32549), (154, 32492), (173, 32420), (174, 32414), (175, 32411), (180, 32381), (185, 32360), (202, 32282), (204, 32264),

Gene: StepMih_68 Start: 41997, Stop: 41188, Start Num: 55

Candidate Starts for StepMih_68:

(Start: 55 @41997 has 570 MA's), (58, 41976), (Start: 65 @41925 has 2 MA's), (96, 41736), (99, 41715), (121, 41613), (122, 41610), (128, 41571), (131, 41556), (140, 41496), (143, 41478), (145, 41454), (157, 41367), (158, 41358), (175, 41295), (189, 41223),

Gene: Stephig9_76 Start: 43217, Stop: 42417, Start Num: 55

Candidate Starts for Stephig9_76:

(42, 43256), (48, 43232), (Start: 55 @43217 has 570 MA's), (Start: 62 @43157 has 31 MA's), (81, 43049), (96, 42956), (107, 42899), (112, 42878), (139, 42716), (140, 42713), (143, 42695), (149, 42653), (151, 42614), (158, 42575), (159, 42572), (173, 42521), (175, 42512), (181, 42476), (189, 42440), (191, 42431),

Gene: StewieG_58 Start: 38454, Stop: 37645, Start Num: 57

Candidate Starts for StewieG_58:

(Start: 45 @38493 has 15 MA's), (Start: 57 @38454 has 99 MA's), (92, 38223), (95, 38211), (102, 38169), (103, 38157), (129, 38016), (140, 37938), (162, 37788), (189, 37665),

Gene: Stink_63 Start: 41963, Stop: 41160, Start Num: 55

Candidate Starts for Stink_63:

(Start: 55 @41963 has 570 MA's), (Start: 57 @41951 has 99 MA's), (Start: 62 @41903 has 31 MA's), (Start: 65 @41891 has 2 MA's), (Start: 66 @41885 has 1 MA's), (78, 41810), (90, 41729), (96, 41702), (121, 41579), (129, 41534), (136, 41471), (139, 41462), (140, 41459), (143, 41441), (145, 41417), (157, 41330), (160, 41315), (162, 41309), (164, 41300), (177, 41237), (189, 41186),

Gene: Stormborn_33 Start: 22368, Stop: 21415, Start Num: 55

Candidate Starts for Stormborn_33:

(Start: 55 @22368 has 570 MA's), (68, 22272), (Start: 72 @22245 has 33 MA's), (79, 22203), (82, 22188), (87, 22152), (120, 21978), (123, 21960), (125, 21954), (132, 21912), (140, 21864), (143, 21846), (163, 21717), (178, 21645), (206, 21531), (212, 21423),

Gene: StrongArm_61 Start: 42861, Stop: 42040, Start Num: 53

Candidate Starts for StrongArm_61:

(Start: 53 @42861 has 118 MA's), (Start: 57 @42849 has 99 MA's), (92, 42618), (95, 42606), (102, 42564), (103, 42552), (129, 42411), (140, 42333), (159, 42192), (162, 42183), (173, 42141), (174, 42135), (189, 42060),

Gene: Strosahl_77 Start: 42663, Stop: 41920, Start Num: 61

Candidate Starts for Strosahl_77:

(Start: 61 @42663 has 6 MA's), (68, 42633), (Start: 70 @42612 has 1 MA's), (78, 42567), (81, 42552), (86, 42531), (90, 42486), (91, 42483), (92, 42477), (93, 42474), (110, 42390), (116, 42354), (121, 42333), (129, 42288), (140, 42216), (143, 42198), (145, 42174), (151, 42117), (159, 42075), (189, 41943),

Gene: Success_35 Start: 21271, Stop: 20438, Start Num: 53

Candidate Starts for Success_35:

(Start: 53 @21271 has 118 MA's), (81, 21103), (Start: 85 @21085 has 1 MA's), (89, 21046), (92, 21028), (99, 20989), (122, 20881), (125, 20866), (129, 20839), (130, 20836), (136, 20773), (141, 20752), (143, 20743), (145, 20719), (149, 20701), (150, 20677), (155, 20641), (167, 20590), (173, 20569), (175, 20560), (190, 20482),

Gene: Sudan_37 Start: 27954, Stop: 28841, Start Num: 55

Candidate Starts for Sudan_37:

(27, 27885), (Start: 55 @27954 has 570 MA's), (Start: 72 @28074 has 33 MA's), (80, 28125), (83, 28134), (87, 28167), (92, 28203), (97, 28227), (99, 28242), (127, 28389), (129, 28395), (132, 28410), (137, 28449), (140, 28458), (153, 28578), (164, 28620), (176, 28674), (184, 28710), (185, 28713), (188, 28731), (194, 28758),

Gene: Sujidade_36 Start: 27330, Stop: 28085, Start Num: 72

Candidate Starts for Sujidade_36:

(27, 27135), (31, 27144), (Start: 55 @27210 has 570 MA's), (Start: 72 @27330 has 33 MA's), (83, 27390), (87, 27423), (92, 27459), (97, 27483), (99, 27498), (127, 27645), (129, 27651), (132, 27666), (137, 27705), (139, 27711), (140, 27714), (145, 27756), (175, 27918), (176, 27930), (188, 27987), (207, 28068), (208, 28071),

Gene: Sultana_64 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for Sultana_64:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: Sumter_59 Start: 42099, Stop: 41278, Start Num: 53

Candidate Starts for Sumter_59:

(Start: 53 @42099 has 118 MA's), (Start: 57 @42087 has 99 MA's), (92, 41856), (95, 41844), (102, 41802), (103, 41790), (129, 41649), (140, 41571), (173, 41379), (189, 41298),

Gene: Sunhee_71 Start: 41411, Stop: 40605, Start Num: 52

Candidate Starts for Sunhee_71:

(Start: 52 @41411 has 49 MA's), (Start: 62 @41351 has 31 MA's), (Start: 73 @41294 has 2 MA's), (78, 41258), (84, 41231), (89, 41186), (117, 41039), (129, 40979), (140, 40904), (143, 40886), (145, 40862), (157, 40775), (158, 40766), (159, 40763), (164, 40745), (189, 40631),

Gene: SunsetPointe_35 Start: 26220, Stop: 26975, Start Num: 72

Candidate Starts for SunsetPointe_35:

(4, 25725), (31, 26034), (Start: 55 @26100 has 570 MA's), (Start: 72 @26220 has 33 MA's), (83, 26280), (87, 26313), (92, 26349), (97, 26373), (99, 26388), (119, 26484), (127, 26535), (129, 26541), (132, 26556), (137, 26595), (140, 26604), (153, 26724), (175, 26808), (176, 26820), (188, 26877), (207, 26958), (208, 26961),

Gene: Sunshine924_68 Start: 42720, Stop: 41911, Start Num: 57

Candidate Starts for Sunshine924_68:

(Start: 45 @42759 has 15 MA's), (Start: 57 @42720 has 99 MA's), (92, 42489), (95, 42477), (99, 42450), (102, 42435), (103, 42423), (129, 42282), (140, 42204), (162, 42054), (173, 42012), (175, 42003), (189, 41931),

Gene: SuperAwesome_70 Start: 41073, Stop: 40267, Start Num: 55

Candidate Starts for SuperAwesome_70:

(38, 41124), (41, 41115), (Start: 55 @41073 has 570 MA's), (91, 40836), (129, 40641), (140, 40566), (143, 40548), (145, 40524), (157, 40437), (158, 40428), (159, 40425), (185, 40314), (189, 40293),

Gene: SuperCallie99_67 Start: 40915, Stop: 40109, Start Num: 55

Candidate Starts for SuperCallie99_67:

(38, 40966), (41, 40957), (Start: 55 @40915 has 570 MA's), (91, 40678), (129, 40483), (140, 40408), (143, 40390), (145, 40366), (157, 40279), (158, 40270), (159, 40267), (185, 40156), (189, 40135),

Gene: Superchunk_69 Start: 41064, Stop: 40261, Start Num: 55

Candidate Starts for Superchunk_69:

(29, 41139), (Start: 55 @41064 has 570 MA's), (Start: 73 @40947 has 2 MA's), (91, 40827), (99, 40782), (117, 40695), (129, 40635), (140, 40560), (143, 40542), (145, 40518), (151, 40461), (157, 40431), (158, 40422), (189, 40287),

Gene: Supernova_33 Start: 22532, Stop: 21579, Start Num: 55

Candidate Starts for Supernova_33:

(Start: 55 @22532 has 570 MA's), (68, 22436), (Start: 72 @22409 has 33 MA's), (79, 22367), (82, 22352), (87, 22316), (120, 22142), (123, 22124), (125, 22118), (132, 22076), (140, 22028), (163, 21881), (206, 21695), (212, 21587),

Gene: Superstar_39 Start: 28392, Stop: 29153, Start Num: 73

Candidate Starts for Superstar_39:

(11, 28059), (27, 28194), (31, 28203), (Start: 55 @28269 has 570 MA's), (Start: 67 @28356 has 12 MA's), (Start: 72 @28389 has 33 MA's), (Start: 73 @28392 has 2 MA's), (83, 28449), (87, 28482), (92, 28518), (97, 28542), (99, 28557), (132, 28725), (137, 28764), (139, 28770), (140, 28773), (145, 28815), (164, 28935), (173, 28968), (176, 28989), (185, 29028), (207, 29130), (209, 29136),

Gene: Swann_53 Start: 38016, Stop: 37135, Start Num: 55

Candidate Starts for Swann_53:

(Start: 55 @38016 has 570 MA's), (Start: 59 @37989 has 2 MA's), (Start: 72 @37902 has 33 MA's), (79, 37860), (86, 37827), (96, 37755), (108, 37698), (129, 37587), (133, 37566), (134, 37563), (140, 37515), (143, 37497), (145, 37473), (146, 37470), (152, 37407), (158, 37377), (175, 37314), (189, 37242),

Gene: SweetiePie_68 Start: 42797, Stop: 41991, Start Num: 51

Candidate Starts for SweetiePie_68:

(Start: 51 @42797 has 57 MA's), (Start: 62 @42737 has 31 MA's), (78, 42644), (84, 42617), (91, 42560), (117, 42425), (129, 42365), (140, 42290), (143, 42272), (157, 42161), (158, 42152), (164, 42131), (189, 42017),

Gene: SwirlSquare_74 Start: 41812, Stop: 41009, Start Num: 55

Candidate Starts for SwirlSquare_74:

(32, 41878), (Start: 55 @41812 has 570 MA's), (Start: 66 @41734 has 1 MA's), (Start: 71 @41701 has 1 MA's), (91, 41575), (117, 41443), (129, 41383), (140, 41308), (143, 41290), (145, 41266), (151, 41209), (157, 41179), (158, 41170), (164, 41149), (175, 41107), (186, 41047), (189, 41035),

Gene: Swirley_64 Start: 41272, Stop: 40466, Start Num: 55

Candidate Starts for Swirley_64:

(Start: 55 @41272 has 570 MA's), (Start: 62 @41212 has 31 MA's), (86, 41083), (91, 41035), (95, 41017), (96, 41011), (111, 40936), (112, 40933), (129, 40840), (139, 40765), (140, 40762), (143, 40744), (145, 40720), (149, 40702), (157, 40633), (158, 40624), (159, 40621), (175, 40561), (189, 40489),

Gene: SwissCheese_67 Start: 42489, Stop: 41677, Start Num: 57

Candidate Starts for SwissCheese_67:

(Start: 45 @42528 has 15 MA's), (Start: 57 @42489 has 99 MA's), (92, 42258), (95, 42246), (102, 42204), (103, 42192), (129, 42051), (139, 41976), (140, 41973), (164, 41814), (173, 41781), (189, 41700),

Gene: Switzer_64 Start: 43639, Stop: 42815, Start Num: 49

Candidate Starts for Switzer_64:

(Start: 49 @43639 has 3 MA's), (Start: 53 @43636 has 118 MA's), (Start: 57 @43624 has 99 MA's), (92, 43393), (95, 43381), (102, 43339), (103, 43327), (129, 43186), (140, 43108), (173, 42916), (189, 42835),

Gene: Switzerland_76 Start: 42746, Stop: 41916, Start Num: 45

Candidate Starts for Switzerland_76:

(Start: 45 @42746 has 15 MA's), (Start: 61 @42659 has 6 MA's), (68, 42629), (Start: 70 @42608 has 1 MA's), (78, 42563), (81, 42548), (86, 42527), (90, 42482), (91, 42479), (92, 42473), (93, 42470), (110, 42386), (116, 42350), (121, 42329), (129, 42284), (140, 42212), (143, 42194), (151, 42113), (158, 42074), (159, 42071), (189, 41939),

Gene: Swole_64 Start: 41908, Stop: 41087, Start Num: 53

Candidate Starts for Swole_64:

(Start: 53 @41908 has 118 MA's), (Start: 57 @41896 has 99 MA's), (92, 41665), (95, 41653), (102, 41611), (103, 41599), (129, 41458), (140, 41380), (173, 41188), (174, 41182), (189, 41107),

Gene: SydNat_64 Start: 41619, Stop: 40813, Start Num: 55

Candidate Starts for SydNat_64:

(Start: 55 @41619 has 570 MA's), (Start: 62 @41559 has 31 MA's), (Start: 65 @41547 has 2 MA's), (91, 41382), (95, 41364), (96, 41358), (111, 41283), (112, 41280), (129, 41187), (139, 41112), (140, 41109), (143, 41091), (149, 41049), (157, 40980), (158, 40971), (159, 40968), (175, 40908), (189, 40836),

Gene: TNguyen7_67 Start: 41720, Stop: 40923, Start Num: 55

Candidate Starts for TNguyen7_67:

(Start: 55 @41720 has 570 MA's), (Start: 62 @41660 has 31 MA's), (78, 41567), (90, 41486), (96, 41459), (121, 41336), (128, 41294), (129, 41291), (140, 41219), (143, 41201), (157, 41090), (159, 41078), (169, 41042), (175, 41018), (177, 40997), (181, 40982), (183, 40973), (189, 40946),

Gene: TWAMP_53 Start: 38018, Stop: 37137, Start Num: 55

Candidate Starts for TWAMP_53:

(Start: 55 @38018 has 570 MA's), (Start: 59 @37991 has 2 MA's), (Start: 72 @37904 has 33 MA's), (79, 37862), (86, 37829), (96, 37757), (108, 37700), (129, 37589), (133, 37568), (134, 37565), (140, 37517), (143, 37499), (145, 37475), (146, 37472), (152, 37409), (158, 37379), (175, 37316), (189, 37244),

Gene: TagePhighter_37 Start: 26484, Stop: 27359, Start Num: 55

Candidate Starts for TagePhighter_37:

(8, 26244), (11, 26292), (27, 26409), (Start: 55 @26484 has 570 MA's), (Start: 72 @26604 has 33 MA's), (83, 26664), (87, 26697), (92, 26733), (97, 26757), (99, 26772), (119, 26868), (127, 26919), (129, 26925), (132, 26940), (137, 26979), (139, 26985), (140, 26988), (145, 27030), (175, 27192), (176, 27204), (188, 27261), (195, 27291), (207, 27342), (208, 27345),

Gene: Tailonex_59 Start: 41447, Stop: 40599, Start Num: 55

Candidate Starts for Tailonex_59:

(Start: 55 @41447 has 570 MA's), (Start: 61 @41390 has 6 MA's), (Start: 62 @41387 has 31 MA's), (Start: 72 @41333 has 33 MA's), (81, 41279), (89, 41222), (93, 41201), (96, 41186), (122, 41060), (129, 41018), (136, 40958), (140, 40946), (145, 40904), (147, 40898), (157, 40817), (185, 40691), (189, 40670),

Gene: Takoda_53 Start: 38201, Stop: 37320, Start Num: 55

Candidate Starts for Takoda_53:

(Start: 55 @38201 has 570 MA's), (Start: 59 @38174 has 2 MA's), (Start: 72 @38087 has 33 MA's), (79, 38045), (86, 38012), (96, 37940), (108, 37883), (129, 37772), (133, 37751), (134, 37748), (140, 37700), (143, 37682), (145, 37658), (146, 37655), (152, 37592), (157, 37571), (158, 37562), (175, 37499), (189, 37427),

Gene: Taquarus_63 Start: 41887, Stop: 41081, Start Num: 55

Candidate Starts for Taquarus_63:

(Start: 39 @41932 has 1 MA's), (Start: 55 @41887 has 570 MA's), (Start: 57 @41875 has 99 MA's), (Start: 66 @41809 has 1 MA's), (78, 41734), (90, 41653), (96, 41626), (121, 41503), (128, 41461), (129, 41458), (136, 41395), (139, 41386), (140, 41383), (143, 41365), (148, 41332), (151, 41284), (160, 41239), (162, 41233), (164, 41224), (177, 41161), (189, 41110),

Gene: Target_65 Start: 41944, Stop: 41123, Start Num: 53

Candidate Starts for Target_65:

(Start: 53 @41944 has 118 MA's), (Start: 57 @41932 has 99 MA's), (92, 41701), (95, 41689), (99, 41662), (102, 41647), (103, 41635), (129, 41494), (138, 41422), (140, 41416), (162, 41266), (173, 41224), (174, 41218), (189, 41143),

Gene: TarsusIV_65 Start: 42261, Stop: 41455, Start Num: 51

Candidate Starts for TarsusIV_65:

(Start: 51 @42261 has 57 MA's), (Start: 62 @42201 has 31 MA's), (Start: 65 @42189 has 2 MA's), (101, 41970), (127, 41835), (129, 41829), (140, 41754), (143, 41736), (145, 41712), (157, 41625), (158, 41616), (164, 41595), (189, 41481),

Gene: Tarynearal_61 Start: 40867, Stop: 40061, Start Num: 55

Candidate Starts for Tarynearal_61:

(28, 40942), (40, 40909), (50, 40873), (Start: 55 @40867 has 570 MA's), (Start: 62 @40807 has 31 MA's), (86, 40678), (91, 40630), (95, 40612), (96, 40606), (111, 40531), (112, 40528), (129, 40435), (139, 40360), (140, 40357), (143, 40339), (145, 40315), (149, 40297), (157, 40228), (158, 40219), (159, 40216), (160, 40213), (175, 40156), (189, 40084),

Gene: Tasp14_67 Start: 44024, Stop: 43215, Start Num: 57

Candidate Starts for Tasp14_67:

(Start: 45 @44063 has 15 MA's), (Start: 57 @44024 has 99 MA's), (92, 43793), (95, 43781), (99, 43754), (102, 43739), (103, 43727), (129, 43586), (138, 43514), (140, 43508), (173, 43316), (189, 43235),

Gene: Taurus_70 Start: 42003, Stop: 41194, Start Num: 55

Candidate Starts for Taurus_70:

(Start: 55 @42003 has 570 MA's), (58, 41982), (Start: 65 @41931 has 2 MA's), (96, 41742), (99, 41721), (121, 41619), (122, 41616), (128, 41577), (131, 41562), (140, 41502), (143, 41484), (145, 41460), (157, 41373), (158, 41364), (175, 41301), (189, 41229),

Gene: Tefunt_37 Start: 27156, Stop: 28040, Start Num: 55

Candidate Starts for Tefunt_37:

(27, 27081), (31, 27090), (Start: 55 @27156 has 570 MA's), (Start: 67 @27243 has 12 MA's), (68, 27249), (Start: 72 @27276 has 33 MA's), (80, 27327), (83, 27336), (87, 27369), (92, 27405), (94, 27414), (97, 27429), (99, 27444), (127, 27591), (132, 27612), (137, 27651), (139, 27657), (140, 27660), (164, 27822), (173, 27855), (176, 27876), (185, 27915), (205, 28011), (209, 28023), (211, 28029),

Gene: Temprado_72 Start: 41384, Stop: 40638, Start Num: 62

Candidate Starts for Temprado_72:

(Start: 62 @41384 has 31 MA's), (91, 41207), (99, 41162), (108, 41123), (129, 41012), (140, 40937), (143, 40919), (145, 40895), (157, 40808), (158, 40799), (159, 40796), (189, 40664),

Gene: Teodoridan_62 Start: 41222, Stop: 40401, Start Num: 53

Candidate Starts for Teodoridan_62:

(Start: 53 @41222 has 118 MA's), (Start: 57 @41210 has 99 MA's), (92, 40979), (95, 40967), (102, 40925), (103, 40913), (129, 40772), (140, 40694), (162, 40544), (173, 40502), (175, 40493), (189, 40421),

Gene: Terrific_69 Start: 42654, Stop: 41848, Start Num: 51

Candidate Starts for Terrific_69:

(Start: 51 @42654 has 57 MA's), (Start: 62 @42594 has 31 MA's), (91, 42417), (129, 42222), (140, 42147), (143, 42129), (145, 42105), (151, 42048), (157, 42018), (158, 42009), (164, 41988), (189, 41874),

Gene: Texage_63 Start: 41705, Stop: 40908, Start Num: 55

Candidate Starts for Texage_63:

(Start: 55 @41705 has 570 MA's), (Start: 62 @41645 has 31 MA's), (78, 41552), (90, 41471), (96, 41444), (121, 41321), (128, 41279), (129, 41276), (140, 41204), (143, 41186), (157, 41075), (159, 41063), (162, 41054), (164, 41045), (169, 41027), (175, 41003), (177, 40982), (181, 40967), (189, 40931),

Gene: Thanksgivukkah_63 Start: 41882, Stop: 41076, Start Num: 55

Candidate Starts for Thanksgivukkah_63:

(Start: 39 @41927 has 1 MA's), (Start: 55 @41882 has 570 MA's), (Start: 57 @41870 has 99 MA's), (Start: 66 @41804 has 1 MA's), (78, 41729), (90, 41648), (96, 41621), (121, 41498), (128, 41456), (129, 41453), (136, 41390), (139, 41381), (140, 41378), (143, 41360), (148, 41327), (151, 41279), (160, 41234), (162, 41228), (164, 41219), (177, 41156), (189, 41105),

Gene: Theia_61 Start: 41353, Stop: 40547, Start Num: 55

Candidate Starts for Theia_61:

(28, 41428), (Start: 55 @41353 has 570 MA's), (Start: 62 @41293 has 31 MA's), (Start: 65 @41281 has 2 MA's), (84, 41173), (95, 41098), (96, 41092), (111, 41017), (112, 41014), (140, 40843), (143, 40825), (149, 40783), (157, 40714), (158, 40705), (159, 40702), (175, 40642), (189, 40570),

Gene: TheloniousMonk_66 Start: 44386, Stop: 43565, Start Num: 53

Candidate Starts for TheloniousMonk_66:

(Start: 53 @44386 has 118 MA's), (Start: 57 @44374 has 99 MA's), (92, 44143), (95, 44131), (102, 44089), (103, 44077), (129, 43936), (139, 43861), (140, 43858), (162, 43708), (173, 43666), (174, 43660), (189, 43585),

Gene: Thestral_37 Start: 27349, Stop: 28233, Start Num: 55

Candidate Starts for Thestral_37:

(27, 27274), (Start: 55 @27349 has 570 MA's), (Start: 67 @27436 has 12 MA's), (Start: 72 @27469 has 33 MA's), (Start: 73 @27472 has 2 MA's), (80, 27520), (83, 27529), (87, 27562), (92, 27598), (94, 27607), (97, 27622), (99, 27637), (127, 27784), (132, 27805), (137, 27844), (140, 27853), (156, 27985), (173, 28048), (176, 28069), (185, 28108), (207, 28210),

Gene: Thor_62 Start: 41343, Stop: 40522, Start Num: 53

Candidate Starts for Thor_62:

(Start: 53 @41343 has 118 MA's), (Start: 57 @41331 has 99 MA's), (Start: 61 @41286 has 6 MA's), (92, 41100), (95, 41088), (102, 41046), (103, 41034), (129, 40893), (140, 40815), (162, 40665), (173, 40623), (174, 40617), (189, 40542),

Gene: Tiffany_68 Start: 41889, Stop: 41080, Start Num: 55

Candidate Starts for Tiffany_68:

(Start: 55 @41889 has 570 MA's), (58, 41868), (Start: 65 @41817 has 2 MA's), (96, 41628), (99, 41607), (121, 41505), (122, 41502), (128, 41463), (131, 41448), (140, 41388), (143, 41370), (145, 41346), (157, 41259), (158, 41250), (175, 41187), (189, 41115),

Gene: Tiger_64 Start: 41148, Stop: 40342, Start Num: 55

Candidate Starts for Tiger_64:

(Start: 55 @41148 has 570 MA's), (Start: 62 @41088 has 31 MA's), (Start: 65 @41076 has 2 MA's), (84, 40968), (91, 40911), (95, 40893), (96, 40887), (111, 40812), (112, 40809), (139, 40641), (140, 40638), (143, 40620), (145, 40596), (149, 40578), (157, 40509), (158, 40500), (159, 40497), (175, 40437), (189, 40365),

Gene: Timothy_67 Start: 41015, Stop: 40218, Start Num: 55

Candidate Starts for Timothy_67:

(Start: 55 @41015 has 570 MA's), (Start: 71 @40910 has 1 MA's), (Start: 72 @40907 has 33 MA's), (91, 40784), (116, 40658), (129, 40592), (140, 40517), (143, 40499), (145, 40475), (151, 40418), (158, 40379), (159, 40376), (162, 40367), (171, 40334), (183, 40271), (189, 40244),

Gene: Timshel_67 Start: 45147, Stop: 44347, Start Num: 49

Candidate Starts for Timshel_67:

(Start: 46 @45165 has 1 MA's), (Start: 49 @45147 has 3 MA's), (Start: 59 @45120 has 2 MA's), (Start: 62 @45087 has 31 MA's), (Start: 65 @45075 has 2 MA's), (81, 44979), (84, 44967), (90, 44913), (92, 44904), (99, 44865), (105, 44841), (121, 44763), (125, 44745), (128, 44721), (129, 44718), (139, 44649), (140, 44646), (143, 44628), (148, 44595), (151, 44547), (157, 44517), (159, 44505), (164, 44487), (175, 44445), (177, 44424), (183, 44400), (189, 44373),

Gene: TinaBelcher_36 Start: 27383, Stop: 28180, Start Num: 67

Candidate Starts for TinaBelcher_36:

(27, 27221), (Start: 55 @27296 has 570 MA's), (Start: 67 @27383 has 12 MA's), (Start: 72 @27416 has 33 MA's), (Start: 73 @27419 has 2 MA's), (80, 27467), (83, 27476), (87, 27509), (92, 27545), (94, 27554), (97, 27569), (99, 27584), (127, 27731), (132, 27752), (137, 27791), (140, 27800), (156, 27932), (173, 27995), (176, 28016), (185, 28055), (207, 28157),

Gene: TinaFeyge_62 Start: 41879, Stop: 41073, Start Num: 55

Candidate Starts for TinaFeyge_62:

(Start: 39 @41924 has 1 MA's), (Start: 55 @41879 has 570 MA's), (Start: 57 @41867 has 99 MA's), (Start: 66 @41801 has 1 MA's), (78, 41726), (90, 41645), (96, 41618), (121, 41495), (128, 41453), (129, 41450), (136, 41387), (139, 41378), (140, 41375), (143, 41357), (148, 41324), (151, 41276), (160, 41231), (162, 41225), (164, 41216), (177, 41153), (189, 41102),

Gene: TinyPebbles_68 Start: 42033, Stop: 41224, Start Num: 55

Candidate Starts for TinyPebbles_68:

(Start: 55 @42033 has 570 MA's), (58, 42012), (Start: 65 @41961 has 2 MA's), (96, 41772), (99, 41751), (121, 41649), (122, 41646), (128, 41607), (131, 41592), (140, 41532), (143, 41514), (145, 41490), (157, 41403), (158, 41394), (189, 41259),

Gene: TinyTimmy_67 Start: 41008, Stop: 40211, Start Num: 55

Candidate Starts for TinyTimmy_67:

(Start: 55 @41008 has 570 MA's), (Start: 71 @40903 has 1 MA's), (Start: 72 @40900 has 33 MA's), (91, 40777), (108, 40696), (116, 40651), (129, 40585), (140, 40510), (143, 40492), (145, 40468), (151, 40411), (158, 40372), (159, 40369), (171, 40327), (183, 40264), (189, 40237),

Gene: Tinybot_63 Start: 41914, Stop: 41108, Start Num: 55

Candidate Starts for Tinybot_63:

(Start: 39 @41959 has 1 MA's), (Start: 55 @41914 has 570 MA's), (Start: 57 @41902 has 99 MA's), (Start: 66 @41836 has 1 MA's), (78, 41761), (90, 41680), (96, 41653), (121, 41530), (128, 41488), (129, 41485), (136, 41422), (139, 41413), (140, 41410), (143, 41392), (151, 41311), (160, 41266), (162, 41260), (164, 41251), (177, 41188), (189, 41137),

Gene: TipsytheTRex_68 Start: 42073, Stop: 41267, Start Num: 55

Candidate Starts for TipsytheTRex_68:

(29, 42148), (Start: 55 @42073 has 570 MA's), (79, 41917), (84, 41893), (91, 41836), (101, 41782), (127, 41647), (130, 41638), (140, 41566), (143, 41548), (151, 41467), (157, 41437), (158, 41428), (171, 41383), (189, 41293),

Gene: TiroTheta9_63 Start: 41878, Stop: 41072, Start Num: 55

Candidate Starts for TiroTheta9_63:

(Start: 39 @41923 has 1 MA's), (Start: 55 @41878 has 570 MA's), (Start: 57 @41866 has 99 MA's), (Start: 66 @41800 has 1 MA's), (78, 41725), (90, 41644), (96, 41617), (121, 41494), (128, 41452), (129, 41449), (136, 41386), (139, 41377), (140, 41374), (143, 41356), (151, 41275), (160, 41230), (162, 41224), (164, 41215), (177, 41152), (189, 41101),

Gene: Toaka_70 Start: 42134, Stop: 41307, Start Num: 55

Candidate Starts for Toaka_70:

(16, 42284), (Start: 55 @42134 has 570 MA's), (84, 41954), (91, 41897), (95, 41879), (99, 41852), (101, 41843), (106, 41819), (117, 41762), (121, 41747), (127, 41708), (129, 41702), (140, 41627), (143, 41609), (145, 41585), (151, 41528), (157, 41498), (158, 41489), (189, 41351),

Gene: Todacoro_65 Start: 41704, Stop: 40907, Start Num: 55

Candidate Starts for Todacoro_65:

(Start: 55 @41704 has 570 MA's), (Start: 62 @41644 has 31 MA's), (78, 41551), (90, 41470), (96, 41443), (121, 41320), (128, 41278), (129, 41275), (140, 41203), (143, 41185), (157, 41074), (159, 41062), (162, 41053), (164, 41044), (169, 41026), (175, 41002), (177, 40981), (181, 40966), (189, 40930),

Gene: Toma_35 Start: 27047, Stop: 27802, Start Num: 72

Candidate Starts for Toma_35:

(27, 26852), (31, 26861), (Start: 55 @26927 has 570 MA's), (Start: 72 @27047 has 33 MA's), (83, 27107), (87, 27140), (92, 27176), (97, 27200), (99, 27215), (127, 27362), (129, 27368), (132, 27383), (137, 27422), (140, 27431), (175, 27635), (176, 27647), (188, 27704), (207, 27785), (208, 27788),

Gene: Tomathan_70 Start: 42741, Stop: 41998, Start Num: 62

Candidate Starts for Tomathan_70:

(Start: 62 @42741 has 31 MA's), (Start: 70 @42693 has 1 MA's), (91, 42564), (116, 42435), (130, 42366), (140, 42294), (143, 42276), (145, 42252), (157, 42165), (158, 42156), (185, 42042), (189, 42021),

Gene: ToneTone_68 Start: 40944, Stop: 40198, Start Num: 62

Candidate Starts for ToneTone_68:

(Start: 62 @40944 has 31 MA's), (91, 40767), (99, 40722), (108, 40683), (129, 40572), (140, 40497), (143, 40479), (145, 40455), (157, 40368), (158, 40359), (159, 40356), (189, 40224),

Gene: Topanga_59 Start: 40801, Stop: 40004, Start Num: 55

Candidate Starts for Topanga_59:

(Start: 55 @40801 has 570 MA's), (Start: 57 @40789 has 99 MA's), (Start: 62 @40741 has 31 MA's), (Start: 66 @40723 has 1 MA's), (Start: 71 @40690 has 1 MA's), (78, 40648), (84, 40621), (90, 40567), (109, 40480), (121, 40417), (125, 40399), (128, 40375), (129, 40372), (139, 40303), (140, 40300), (143, 40282), (159, 40159), (162, 40150), (175, 40099), (177, 40078), (181, 40063), (183, 40054), (189, 40027),

Gene: Topgun_61 Start: 41134, Stop: 40325, Start Num: 57

Candidate Starts for Topgun_61:

(Start: 45 @41173 has 15 MA's), (Start: 57 @41134 has 99 MA's), (92, 40903), (95, 40891), (102, 40849), (103, 40837), (129, 40696), (140, 40618), (162, 40468), (173, 40426), (174, 40420), (189, 40345),

Gene: ToriToki_63 Start: 32719, Stop: 31865, Start Num: 51

Candidate Starts for ToriToki_63:

(Start: 51 @32719 has 57 MA's), (Start: 72 @32605 has 33 MA's), (75, 32581), (77, 32569), (78, 32566), (79, 32563), (83, 32545), (88, 32491), (90, 32479), (92, 32470), (100, 32428), (118, 32341), (125, 32311), (132, 32269), (140, 32221), (142, 32206), (143, 32203), (154, 32113), (174, 32035), (180, 32002), (185, 31981),

Gene: Toro_67 Start: 45524, Stop: 44727, Start Num: 55

Candidate Starts for Toro_67:

(12, 45725), (Start: 55 @45524 has 570 MA's), (60, 45473), (Start: 62 @45464 has 31 MA's), (Start: 65 @45452 has 2 MA's), (Start: 72 @45410 has 33 MA's), (84, 45344), (89, 45299), (90, 45290), (92, 45281), (110, 45197), (121, 45140), (125, 45122), (128, 45098), (129, 45095), (133, 45074), (139, 45026), (140, 45023), (143, 45005), (146, 44978), (157, 44894), (159, 44882), (164, 44864), (171, 44840), (175, 44822), (177, 44801), (189, 44750),

Gene: Tote_59 Start: 39175, Stop: 38354, Start Num: 53

Candidate Starts for Tote_59:

(Start: 53 @39175 has 118 MA's), (Start: 57 @39163 has 99 MA's), (92, 38932), (95, 38920), (102, 38878), (103, 38866), (129, 38725), (140, 38647), (173, 38455), (174, 38449), (189, 38374),

Gene: Traft412_66 Start: 42960, Stop: 42139, Start Num: 53

Candidate Starts for Traft412_66:

(Start: 53 @42960 has 118 MA's), (Start: 57 @42948 has 99 MA's), (92, 42717), (95, 42705), (102, 42663), (103, 42651), (129, 42510), (140, 42432), (162, 42282), (173, 42240), (175, 42231), (189, 42159),

Gene: Travvers_69 Start: 42579, Stop: 41881, Start Num: 70

Candidate Starts for Travvers_69:

(Start: 62 @42627 has 31 MA's), (Start: 70 @42579 has 1 MA's), (116, 42321), (130, 42252), (140, 42180), (143, 42162), (145, 42138), (157, 42051), (158, 42042), (185, 41928), (189, 41907),

Gene: Treat_63 Start: 32663, Stop: 31809, Start Num: 51

Candidate Starts for Treat_63:

(Start: 51 @32663 has 57 MA's), (Start: 72 @32549 has 33 MA's), (75, 32525), (77, 32513), (78, 32510), (79, 32507), (83, 32489), (88, 32435), (90, 32423), (92, 32414), (100, 32372), (118, 32285), (125, 32255), (132, 32213), (140, 32165), (142, 32150), (143, 32147), (154, 32057), (174, 31979), (180, 31946), (185, 31925),

Gene: Treddle_64 Start: 43373, Stop: 42564, Start Num: 57

Candidate Starts for Treddle_64:

(Start: 45 @43412 has 15 MA's), (Start: 57 @43373 has 99 MA's), (92, 43142), (95, 43130), (99, 43103), (102, 43088), (103, 43076), (129, 42935), (140, 42857), (162, 42707), (173, 42665), (175, 42656), (189, 42584),

Gene: Trike_59 Start: 40021, Stop: 39224, Start Num: 55

Candidate Starts for Trike_59:

(Start: 55 @40021 has 570 MA's), (Start: 62 @39961 has 31 MA's), (Start: 66 @39943 has 1 MA's), (78, 39868), (84, 39841), (90, 39787), (109, 39700), (121, 39637), (129, 39592), (130, 39589), (140, 39520), (143, 39502), (159, 39379), (177, 39298), (185, 39268), (189, 39247),

Gene: Tripl3t_68 Start: 44856, Stop: 44047, Start Num: 57

Candidate Starts for Tripl3t_68:

(33, 44922), (Start: 45 @44895 has 15 MA's), (Start: 57 @44856 has 99 MA's), (92, 44625), (95, 44613), (99, 44586), (102, 44571), (103, 44559), (129, 44418), (140, 44340), (173, 44148), (189, 44067),

Gene: Tristan_65 Start: 43129, Stop: 42326, Start Num: 52

Candidate Starts for Tristan_65:

(Start: 52 @43129 has 49 MA's), (Start: 62 @43069 has 31 MA's), (79, 42973), (91, 42892), (117, 42760), (121, 42745), (129, 42700), (140, 42625), (143, 42607), (145, 42583), (151, 42526), (157, 42496), (158, 42487), (164, 42466), (189, 42352),

Gene: Triste_35 Start: 26472, Stop: 27347, Start Num: 55

Candidate Starts for Triste_35:

(8, 26232), (11, 26280), (27, 26397), (Start: 55 @26472 has 570 MA's), (Start: 72 @26592 has 33 MA's), (83, 26652), (86, 26667), (87, 26685), (92, 26721), (97, 26745), (99, 26760), (119, 26856), (127, 26907), (129, 26913), (132, 26928), (137, 26967), (139, 26973), (140, 26976), (145, 27018), (175, 27180), (176, 27192), (188, 27249), (207, 27330), (208, 27333),

Gene: Triumph_37 Start: 27052, Stop: 27933, Start Num: 55

Candidate Starts for Triumph_37:

(Start: 55 @27052 has 570 MA's), (Start: 67 @27139 has 12 MA's), (68, 27145), (Start: 71 @27169 has 1 MA's), (Start: 72 @27172 has 33 MA's), (80, 27223), (82, 27229), (83, 27232), (87, 27265), (92, 27301), (93, 27304), (97, 27325), (99, 27340), (132, 27508), (137, 27547), (140, 27556), (170, 27739), (176, 27772), (185, 27811), (201, 27877),

Gene: Trixie_67 Start: 42669, Stop: 41863, Start Num: 52

Candidate Starts for Trixie_67:

(Start: 52 @42669 has 49 MA's), (Start: 62 @42609 has 31 MA's), (Start: 66 @42591 has 1 MA's), (78, 42516), (81, 42501), (91, 42432), (105, 42360), (117, 42297), (129, 42237), (130, 42234), (140, 42162), (143, 42144), (145, 42120), (151, 42063), (157, 42033), (158, 42024), (159, 42021), (164, 42003), (189, 41889),

Gene: Trooper_68 Start: 42600, Stop: 41794, Start Num: 51

Candidate Starts for Trooper_68:

(Start: 51 @42600 has 57 MA's), (Start: 62 @42540 has 31 MA's), (Start: 65 @42528 has 2 MA's), (Start: 72 @42486 has 33 MA's), (91, 42363), (101, 42309), (129, 42168), (140, 42093), (143, 42075), (145, 42051), (157, 41964), (158, 41955), (164, 41934), (189, 41820),

Gene: Trouble_64 Start: 42474, Stop: 41665, Start Num: 57

Candidate Starts for Trouble_64:

(Start: 45 @42513 has 15 MA's), (Start: 57 @42474 has 99 MA's), (92, 42243), (95, 42231), (102, 42189), (103, 42177), (129, 42036), (138, 41964), (140, 41958), (151, 41859), (162, 41808), (173, 41766), (175, 41757), (189, 41685),

Gene: TroyPia_65 Start: 41891, Stop: 41085, Start Num: 55

Candidate Starts for TroyPia_65:

(Start: 55 @41891 has 570 MA's), (Start: 57 @41879 has 99 MA's), (Start: 66 @41813 has 1 MA's), (78, 41738), (90, 41657), (96, 41630), (121, 41507), (128, 41465), (129, 41462), (136, 41399), (139, 41390), (140, 41387), (143, 41369), (148, 41336), (151, 41288), (160, 41243), (162, 41237), (164, 41228), (177, 41165), (189, 41114),

Gene: TrvxScott_35 Start: 27429, Stop: 28226, Start Num: 67

Candidate Starts for TrvxScott_35:

(27, 27267), (Start: 55 @27342 has 570 MA's), (Start: 67 @27429 has 12 MA's), (Start: 72 @27462 has 33 MA's), (Start: 73 @27465 has 2 MA's), (80, 27513), (83, 27522), (87, 27555), (92, 27591), (94, 27600), (97, 27615), (99, 27630), (127, 27777), (132, 27798), (137, 27837), (140, 27846), (156, 27978), (173, 28041), (176, 28062), (185, 28101), (207, 28203),

Gene: TuanPN_34 Start: 26491, Stop: 27288, Start Num: 65

Candidate Starts for TuanPN_34:

(8, 26173), (11, 26221), (27, 26338), (Start: 55 @26413 has 570 MA's), (Start: 65 @26491 has 2 MA's), (Start: 72 @26533 has 33 MA's), (83, 26593), (87, 26626), (92, 26662), (97, 26686), (99, 26701), (127, 26848), (129, 26854), (132, 26869), (137, 26908), (140, 26917), (143, 26935), (145, 26959), (148, 26968), (175, 27121), (176, 27133), (188, 27190), (207, 27271), (208, 27274),

Gene: Tubs_71 Start: 42128, Stop: 41319, Start Num: 55

Candidate Starts for Tubs_71:

(Start: 55 @42128 has 570 MA's), (84, 41948), (89, 41903), (91, 41891), (95, 41873), (117, 41756), (129, 41696), (140, 41621), (143, 41603), (145, 41579), (151, 41522), (157, 41492), (158, 41483), (186, 41357), (189, 41345),

Gene: Tucker_71 Start: 41147, Stop: 40401, Start Num: 62

Candidate Starts for Tucker_71:

(Start: 62 @41147 has 31 MA's), (91, 40970), (99, 40925), (108, 40886), (129, 40775), (140, 40700), (142, 40685), (143, 40682), (145, 40658), (157, 40571), (158, 40562), (159, 40559), (189, 40427),

Gene: Turbido_69 Start: 42884, Stop: 42078, Start Num: 52

Candidate Starts for Turbido_69:

(Start: 52 @42884 has 49 MA's), (Start: 62 @42824 has 31 MA's), (Start: 66 @42806 has 1 MA's), (78, 42731), (84, 42704), (91, 42647), (99, 42602), (101, 42593), (130, 42449), (140, 42377), (143, 42359), (145, 42335), (151, 42278), (157, 42248), (158, 42239), (159, 42236), (164, 42218), (189, 42104),

Gene: Turj99_61 Start: 42884, Stop: 42063, Start Num: 53

Candidate Starts for Turj99_61:

(Start: 53 @42884 has 118 MA's), (Start: 57 @42872 has 99 MA's), (92, 42641), (95, 42629), (102, 42587), (103, 42575), (129, 42434), (140, 42356), (162, 42206), (173, 42164), (175, 42155), (189, 42083),

Gene: Twigg_60 Start: 40920, Stop: 40114, Start Num: 55

Candidate Starts for Twigg_60:

(Start: 55 @40920 has 570 MA's), (Start: 62 @40860 has 31 MA's), (86, 40731), (91, 40683), (95, 40665), (96, 40659), (111, 40584), (112, 40581), (129, 40488), (139, 40413), (140, 40410), (143, 40392), (145, 40368), (149, 40350), (157, 40281), (158, 40272), (159, 40269), (175, 40209), (189, 40137),

Gene: Twister_61 Start: 40922, Stop: 40125, Start Num: 55

Candidate Starts for Twister_61:

(Start: 55 @40922 has 570 MA's), (Start: 57 @40910 has 99 MA's), (Start: 62 @40862 has 31 MA's), (Start: 66 @40844 has 1 MA's), (Start: 71 @40811 has 1 MA's), (78, 40769), (84, 40742), (90, 40688), (109, 40601), (121, 40538), (125, 40520), (128, 40496), (129, 40493), (139, 40424), (140, 40421), (143, 40403), (159, 40280), (175, 40220), (177, 40199), (181, 40184), (183, 40175), (185, 40169), (189, 40148),

Gene: TwoPeat_64 Start: 42736, Stop: 41915, Start Num: 53

Candidate Starts for TwoPeat_64:

(Start: 53 @42736 has 118 MA's), (Start: 57 @42724 has 99 MA's), (92, 42493), (95, 42481), (102, 42439), (103, 42427), (129, 42286), (138, 42214), (140, 42208), (162, 42058), (173, 42016), (174, 42010), (189, 41935),

Gene: TygerBlood_64 Start: 41884, Stop: 41078, Start Num: 55

Candidate Starts for TygerBlood_64:

(Start: 39 @41929 has 1 MA's), (Start: 55 @41884 has 570 MA's), (Start: 57 @41872 has 99 MA's), (Start: 66 @41806 has 1 MA's), (78, 41731), (90, 41650), (96, 41623), (121, 41500), (128, 41458), (129, 41455), (136, 41392), (139, 41383), (140, 41380), (143, 41362), (148, 41329), (151, 41281), (160, 41236), (162, 41230), (164, 41221), (177, 41158), (189, 41107),

Gene: U2_61 Start: 42709, Stop: 41888, Start Num: 53

Candidate Starts for U2_61:

(Start: 53 @42709 has 118 MA's), (Start: 57 @42697 has 99 MA's), (92, 42466), (95, 42454), (99, 42427), (102, 42412), (103, 42400), (113, 42349), (129, 42259), (140, 42181), (162, 42031), (189, 41908),

Gene: Ugenie5_66 Start: 42416, Stop: 41607, Start Num: 55

Candidate Starts for Ugenie5_66:

(Start: 55 @42416 has 570 MA's), (84, 42236), (89, 42191), (91, 42179), (95, 42161), (117, 42044), (129, 41984), (140, 41909), (143, 41891), (145, 41867), (151, 41810), (157, 41780), (158, 41771), (186, 41645), (189, 41633),

Gene: UhSalsa_53 Start: 37960, Stop: 37079, Start Num: 55

Candidate Starts for UhSalsa_53:

(Start: 55 @37960 has 570 MA's), (Start: 59 @37933 has 2 MA's), (Start: 72 @37846 has 33 MA's), (79, 37804), (86, 37771), (96, 37699), (108, 37642), (129, 37531), (133, 37510), (134, 37507), (140, 37459), (143, 37441), (145, 37417), (146, 37414), (152, 37351), (158, 37321), (175, 37258), (189, 37186),

Gene: Ulysses_63 Start: 41570, Stop: 40764, Start Num: 55

Candidate Starts for Ulysses_63:

(Start: 39 @41615 has 1 MA's), (Start: 55 @41570 has 570 MA's), (Start: 57 @41558 has 99 MA's), (Start: 66 @41492 has 1 MA's), (78, 41417), (90, 41336), (96, 41309), (121, 41186), (128, 41144), (129, 41141), (136, 41078), (139, 41069), (140, 41066), (143, 41048), (151, 40967), (160, 40922), (162, 40916), (164, 40907), (177, 40844), (189, 40793),

Gene: UnionJack_66 Start: 41304, Stop: 40498, Start Num: 55

Candidate Starts for UnionJack_66:

(28, 41379), (Start: 55 @41304 has 570 MA's), (Start: 62 @41244 has 31 MA's), (Start: 65 @41232 has 2 MA's), (84, 41124), (91, 41067), (95, 41049), (96, 41043), (108, 40983), (111, 40968), (112, 40965), (129, 40872), (136, 40806), (139, 40797), (140, 40794), (143, 40776), (145, 40752), (149, 40734), (157, 40665), (158, 40656), (159, 40653), (175, 40593), (189, 40521),

Gene: Unstoppable_35 Start: 26224, Stop: 26979, Start Num: 72

Candidate Starts for Unstoppable_35:

(4, 25729), (31, 26038), (Start: 55 @26104 has 570 MA's), (Start: 72 @26224 has 33 MA's), (83, 26284), (87, 26317), (92, 26353), (97, 26377), (99, 26392), (119, 26488), (127, 26539), (129, 26545), (132, 26560), (137, 26599), (140, 26608), (153, 26728), (175, 26812), (176, 26824), (188, 26881), (207, 26962), (208, 26965),

Gene: Updawg_69 Start: 42544, Stop: 41738, Start Num: 51

Candidate Starts for Updawg_69:

(Start: 51 @42544 has 57 MA's), (Start: 62 @42484 has 31 MA's), (91, 42307), (129, 42112), (140, 42037), (143, 42019), (145, 41995), (151, 41938), (157, 41908), (158, 41899), (164, 41878), (189, 41764),

Gene: Urza_37 Start: 26886, Stop: 27779, Start Num: 55

Candidate Starts for Urza_37:

(14, 26733), (15, 26754), (19, 26772), (23, 26808), (Start: 55 @26886 has 570 MA's), (Start: 72 @27006 has 33 MA's), (83, 27066), (87, 27099), (92, 27135), (97, 27159), (99, 27174), (129, 27327), (132, 27342), (137, 27381), (139, 27387), (140, 27390), (153, 27510), (170, 27573), (175, 27594), (176, 27606), (196, 27696),

Gene: VA6_68 Start: 42591, Stop: 41785, Start Num: 52

Candidate Starts for VA6_68:

(Start: 52 @42591 has 49 MA's), (Start: 62 @42531 has 31 MA's), (Start: 66 @42513 has 1 MA's), (78, 42438), (81, 42423), (91, 42354), (99, 42309), (101, 42300), (129, 42159), (140, 42084), (143, 42066), (145, 42042), (151, 41985), (157, 41955), (158, 41946), (164, 41925), (175, 41883), (189, 41811),

Gene: VC3_70 Start: 42176, Stop: 41373, Start Num: 55

Candidate Starts for VC3_70:

(Start: 55 @42176 has 570 MA's), (Start: 62 @42116 has 31 MA's), (Start: 70 @42068 has 1 MA's), (84, 41996), (91, 41939), (116, 41810), (130, 41741), (140, 41669), (143, 41651), (145, 41627), (157, 41540), (158, 41531), (185, 41417), (189, 41396),

Gene: Vanisoa_68 Start: 42760, Stop: 41948, Start Num: 55

Candidate Starts for Vanisoa_68:

(Start: 55 @42760 has 570 MA's), (84, 42580), (91, 42523), (92, 42517), (95, 42505), (101, 42469), (117, 42388), (122, 42370), (129, 42328), (140, 42253), (143, 42235), (145, 42211), (151, 42154), (157, 42124), (158, 42115), (186, 41989), (189, 41977),

Gene: Vanseggelen_41 Start: 27636, Stop: 28523, Start Num: 55

Candidate Starts for Vanseggelen_41:

(Start: 55 @27636 has 570 MA's), (Start: 72 @27756 has 33 MA's), (83, 27816), (87, 27849), (92, 27885), (97, 27909), (99, 27924), (119, 28020), (129, 28077), (132, 28092), (137, 28131), (140, 28140), (153, 28260), (164, 28302), (176, 28356), (184, 28392), (185, 28395), (188, 28413), (193, 28437), (194, 28440), (199, 28455),

Gene: Verabelle_39 Start: 28023, Stop: 28922, Start Num: 55

Candidate Starts for Verabelle_39:

(31, 27963), (Start: 55 @28023 has 570 MA's), (Start: 72 @28143 has 33 MA's), (80, 28194), (83, 28203), (87, 28236), (92, 28272), (97, 28296), (99, 28311), (129, 28464), (132, 28479), (137, 28518), (140, 28527), (153, 28647), (164, 28689), (175, 28731), (176, 28743), (184, 28779), (185, 28782), (188, 28800), (194, 28827),

Gene: Veracruz_63 Start: 41704, Stop: 40907, Start Num: 55

Candidate Starts for Veracruz_63:

(Start: 55 @41704 has 570 MA's), (Start: 62 @41644 has 31 MA's), (78, 41551), (90, 41470), (96, 41443), (121, 41320), (128, 41278), (129, 41275), (140, 41203), (143, 41185), (157, 41074), (159, 41062), (162, 41053), (164, 41044), (169, 41026), (175, 41002), (177, 40981), (181, 40966), (189, 40930),

Gene: Verse_36 Start: 28784, Stop: 29674, Start Num: 55

Candidate Starts for Verse_36:

(27, 28715), (Start: 55 @28784 has 570 MA's), (68, 28877), (Start: 72 @28904 has 33 MA's), (80, 28955), (83, 28964), (87, 28997), (92, 29033), (97, 29057), (99, 29072), (127, 29219), (129, 29225), (132, 29240), (137, 29279), (140, 29288), (153, 29408), (164, 29450), (176, 29504), (184, 29540), (185, 29543), (188, 29561), (194, 29588),

Gene: VieEnRose_36 Start: 26807, Stop: 27700, Start Num: 55

Candidate Starts for VieEnRose_36:

(Start: 55 @26807 has 570 MA's), (Start: 72 @26927 has 33 MA's), (83, 26987), (87, 27020), (92, 27056), (97, 27080), (99, 27095), (129, 27248), (132, 27263), (137, 27302), (139, 27308), (140, 27311), (153, 27431), (170, 27494), (175, 27515), (176, 27527), (196, 27617),

Gene: Violet_61 Start: 43731, Stop: 42922, Start Num: 57

Candidate Starts for Violet_61:

(Start: 45 @43770 has 15 MA's), (Start: 57 @43731 has 99 MA's), (92, 43500), (95, 43488), (102, 43446), (103, 43434), (129, 43293), (140, 43215), (162, 43065), (173, 43023), (174, 43017), (189, 42942),

Gene: Vix_67 Start: 42086, Stop: 41277, Start Num: 55

Candidate Starts for Vix_67:

(Start: 55 @42086 has 570 MA's), (58, 42065), (Start: 65 @42014 has 2 MA's), (96, 41825), (99, 41804), (121, 41702), (122, 41699), (128, 41660), (131, 41645), (140, 41585), (143, 41567), (145, 41543), (157, 41456), (158, 41447), (175, 41384), (189, 41312),

Gene: VohminGhazi_70 Start: 41069, Stop: 40263, Start Num: 55

Candidate Starts for VohminGhazi_70:

(26, 41150), (Start: 55 @41069 has 570 MA's), (91, 40832), (129, 40637), (140, 40562), (143, 40544), (145, 40520), (157, 40433), (158, 40424), (159, 40421), (185, 40310), (189, 40289),

Gene: Vorvolakos_60 Start: 31991, Stop: 31137, Start Num: 51

Candidate Starts for Vorvolakos_60:

(Start: 51 @31991 has 57 MA's), (Start: 70 @31883 has 1 MA's), (Start: 72 @31877 has 33 MA's), (75, 31853), (76, 31844), (77, 31841), (78, 31838), (80, 31826), (83, 31817), (86, 31796), (88, 31763), (92, 31742), (100, 31700), (118, 31613), (132, 31541), (140, 31493), (154, 31385), (173, 31313), (174, 31307), (175, 31304), (180, 31274), (185, 31253), (197, 31202), (200, 31184), (202, 31178),

Gene: WRightOn_64 Start: 32120, Stop: 31263, Start Num: 51

Candidate Starts for WRightOn_64:

(Start: 51 @32120 has 57 MA's), (64, 32051), (Start: 72 @32006 has 33 MA's), (75, 31982), (77, 31970), (78, 31967), (79, 31964), (80, 31955), (83, 31946), (88, 31892), (90, 31880), (92, 31871), (100, 31829), (118, 31742), (132, 31670), (140, 31622), (143, 31604), (148, 31571), (154, 31514), (173, 31442), (174, 31436), (175, 31433), (180, 31403), (185, 31382), (193, 31340), (204, 31292),

Gene: Waits_77 Start: 42982, Stop: 42152, Start Num: 45

Candidate Starts for Waits_77:

(Start: 45 @42982 has 15 MA's), (Start: 61 @42895 has 6 MA's), (68, 42865), (Start: 70 @42844 has 1 MA's), (78, 42799), (81, 42784), (86, 42763), (90, 42718), (91, 42715), (92, 42709), (93, 42706), (110, 42622), (116, 42586), (121, 42565), (129, 42520), (140, 42448), (143, 42430), (145, 42406), (151, 42349), (159, 42307), (189, 42175),

Gene: WalterMcMickey_61 Start: 40922, Stop: 40125, Start Num: 55

Candidate Starts for WalterMcMickey_61:

(Start: 55 @40922 has 570 MA's), (Start: 57 @40910 has 99 MA's), (Start: 62 @40862 has 31 MA's), (Start: 66 @40844 has 1 MA's), (Start: 71 @40811 has 1 MA's), (78, 40769), (84, 40742), (90, 40688), (109, 40601), (121, 40538), (125, 40520), (128, 40496), (129, 40493), (139, 40424), (140, 40421), (143, 40403), (159, 40280), (175, 40220), (177, 40199), (181, 40184), (183, 40175), (185, 40169), (189, 40148),

Gene: Wander_64 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for Wander_64:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Warrior24_78 Start: 43207, Stop: 42464, Start Num: 61

Candidate Starts for Warrior24_78:

(Start: 44 @43297 has 1 MA's), (Start: 61 @43207 has 6 MA's), (68, 43177), (Start: 70 @43156 has 1 MA's), (78, 43111), (81, 43096), (86, 43075), (90, 43030), (91, 43027), (92, 43021), (93, 43018), (110, 42934), (116, 42898), (121, 42877), (129, 42832), (140, 42760), (143, 42742), (145, 42718), (151, 42661), (158, 42622), (159, 42619), (189, 42487),

Gene: Watermelon_63 Start: 41467, Stop: 40658, Start Num: 57

Candidate Starts for Watermelon_63:

(Start: 45 @41506 has 15 MA's), (Start: 57 @41467 has 99 MA's), (92, 41236), (95, 41224), (99, 41197), (102, 41182), (103, 41170), (129, 41029), (140, 40951), (162, 40801), (173, 40759), (175, 40750), (189, 40678),

Gene: Watson_68 Start: 41995, Stop: 41186, Start Num: 55

Candidate Starts for Watson_68:

(Start: 55 @41995 has 570 MA's), (58, 41974), (Start: 65 @41923 has 2 MA's), (96, 41734), (99, 41713), (121, 41611), (122, 41608), (128, 41569), (131, 41554), (140, 41494), (143, 41476), (145, 41452), (157, 41365), (158, 41356), (175, 41293), (189, 41221),

Gene: WeiHuaDA_69 Start: 43472, Stop: 42666, Start Num: 52

Candidate Starts for WeiHuaDA_69:

(Start: 52 @43472 has 49 MA's), (Start: 62 @43412 has 31 MA's), (Start: 66 @43394 has 1 MA's), (78, 43319), (91, 43235), (105, 43163), (108, 43151), (117, 43100), (129, 43040), (130, 43037), (140, 42965), (143, 42947), (145, 42923), (151, 42866), (157, 42836), (158, 42827), (159, 42824), (164, 42806), (189, 42692),

Gene: Werner_35 Start: 26482, Stop: 27357, Start Num: 55

Candidate Starts for Werner_35:

(8, 26242), (11, 26290), (27, 26407), (Start: 55 @26482 has 570 MA's), (Start: 72 @26602 has 33 MA's), (83, 26662), (87, 26695), (92, 26731), (97, 26755), (99, 26770), (119, 26866), (127, 26917), (129, 26923), (132, 26938), (137, 26977), (139, 26983), (140, 26986), (145, 27028), (153, 27106), (175, 27190), (176, 27202), (188, 27259), (207, 27340), (208, 27343),

Gene: Whabigail7_69 Start: 42884, Stop: 42078, Start Num: 52

Candidate Starts for Whabigail7_69:

(Start: 52 @42884 has 49 MA's), (Start: 62 @42824 has 31 MA's), (Start: 66 @42806 has 1 MA's), (78, 42731), (84, 42704), (91, 42647), (99, 42602), (101, 42593), (121, 42497), (130, 42449), (140, 42377), (143, 42359), (145, 42335), (151, 42278), (157, 42248), (158, 42239), (159, 42236), (164, 42218), (189, 42104),

Gene: Whatever_35 Start: 26482, Stop: 27357, Start Num: 55

Candidate Starts for Whatever_35:

(8, 26242), (11, 26290), (27, 26407), (Start: 55 @26482 has 570 MA's), (Start: 72 @26602 has 33 MA's), (83, 26662), (86, 26677), (87, 26695), (92, 26731), (97, 26755), (99, 26770), (119, 26866), (127, 26917), (129, 26923), (132, 26938), (137, 26977), (139, 26983), (140, 26986), (145, 27028), (175, 27190), (176, 27202), (188, 27259), (207, 27340), (208, 27343),

Gene: Wheeler_66 Start: 42734, Stop: 41925, Start Num: 57

Candidate Starts for Wheeler_66:

(Start: 45 @42773 has 15 MA's), (Start: 57 @42734 has 99 MA's), (92, 42503), (95, 42491), (102, 42449), (103, 42437), (129, 42296), (140, 42218), (162, 42068), (173, 42026), (175, 42017), (189, 41945),

Gene: Whitspit_59 Start: 39812, Stop: 39003, Start Num: 57

Candidate Starts for Whitspit_59:

(Start: 45 @39851 has 15 MA's), (Start: 57 @39812 has 99 MA's), (92, 39581), (95, 39569), (102, 39527), (103, 39515), (129, 39374), (140, 39296), (148, 39245), (162, 39146), (173, 39104), (174, 39098), (189, 39023),

Gene: WideWale_69 Start: 42544, Stop: 41738, Start Num: 51

Candidate Starts for WideWale_69:

(Start: 51 @42544 has 57 MA's), (Start: 62 @42484 has 31 MA's), (91, 42307), (129, 42112), (140, 42037), (143, 42019), (145, 41995), (151, 41938), (157, 41908), (158, 41899), (164, 41878), (189, 41764),

Gene: Wiks_70 Start: 41015, Stop: 40269, Start Num: 62

Candidate Starts for Wiks_70:

(Start: 62 @41015 has 31 MA's), (91, 40838), (99, 40793), (108, 40754), (129, 40643), (140, 40568), (143, 40550), (145, 40526), (157, 40439), (158, 40430), (159, 40427), (189, 40295),

Gene: Wilbur_64 Start: 41881, Stop: 41075, Start Num: 55

Candidate Starts for Wilbur_64:

(Start: 39 @41926 has 1 MA's), (Start: 55 @41881 has 570 MA's), (Start: 57 @41869 has 99 MA's), (Start: 66 @41803 has 1 MA's), (78, 41728), (90, 41647), (96, 41620), (121, 41497), (128, 41455), (129, 41452), (136, 41389), (139, 41380), (140, 41377), (143, 41359), (148, 41326), (151, 41278), (160, 41233), (162, 41227), (164, 41218), (177, 41155), (189, 41104),

Gene: Wile_63 Start: 42164, Stop: 41364, Start Num: 55

Candidate Starts for Wile_63:

(Start: 55 @42164 has 570 MA's), (Start: 57 @42152 has 99 MA's), (Start: 62 @42104 has 31 MA's), (Start: 66 @42086 has 1 MA's), (78, 42011), (90, 41930), (96, 41903), (121, 41780), (129, 41735), (136, 41672), (139, 41663), (140, 41660), (143, 41642), (148, 41609), (160, 41516), (162, 41510), (164, 41501), (177, 41438), (189, 41387),

Gene: Wilkins_62 Start: 41064, Stop: 40255, Start Num: 57

Candidate Starts for Wilkins_62:

(Start: 45 @41103 has 15 MA's), (Start: 57 @41064 has 99 MA's), (92, 40833), (95, 40821), (102, 40779), (103, 40767), (129, 40626), (140, 40548), (162, 40398), (173, 40356), (174, 40350), (189, 40275),

Gene: Wizard007_63 Start: 41889, Stop: 41083, Start Num: 55

Candidate Starts for Wizard007_63:

(Start: 55 @41889 has 570 MA's), (Start: 57 @41877 has 99 MA's), (Start: 62 @41829 has 31 MA's), (Start: 66 @41811 has 1 MA's), (78, 41736), (90, 41655), (91, 41652), (96, 41628), (121, 41505), (129, 41460), (136, 41397), (139, 41388), (140, 41385), (143, 41367), (151, 41286), (160, 41241), (162, 41235), (164, 41226), (177, 41163), (189, 41112),

Gene: Wizzo_33 Start: 22257, Stop: 21304, Start Num: 55

Candidate Starts for Wizzo_33:

(Start: 55 @22257 has 570 MA's), (68, 22161), (Start: 72 @22134 has 33 MA's), (79, 22092), (82, 22077), (87, 22041), (120, 21867), (123, 21849), (124, 21846), (125, 21843), (132, 21801), (140, 21753), (166, 21594), (206, 21420), (212, 21312),

Gene: Wolpertinger_65 Start: 41047, Stop: 40250, Start Num: 55

Candidate Starts for Wolpertinger_65:

(Start: 55 @41047 has 570 MA's), (Start: 71 @40942 has 1 MA's), (Start: 72 @40939 has 33 MA's), (91, 40816), (108, 40735), (116, 40690), (129, 40624), (140, 40549), (143, 40531), (145, 40507), (151, 40450), (158, 40411), (159, 40408), (171, 40366), (183, 40303), (189, 40276),

Gene: Wooldri_71 Start: 41915, Stop: 41106, Start Num: 55

Candidate Starts for Wooldri_71:

(Start: 55 @41915 has 570 MA's), (58, 41894), (Start: 65 @41843 has 2 MA's), (96, 41654), (99, 41633), (121, 41531), (122, 41528), (128, 41489), (131, 41474), (140, 41414), (143, 41396), (145, 41372), (157, 41285), (158, 41276), (175, 41213), (189, 41141),

Gene: WorldCup_68 Start: 41872, Stop: 41060, Start Num: 55

Candidate Starts for WorldCup_68:

(Start: 55 @41872 has 570 MA's), (84, 41692), (91, 41635), (92, 41629), (95, 41617), (117, 41500), (140, 41365), (143, 41347), (145, 41323), (151, 41266), (157, 41236), (158, 41227), (189, 41089),

Gene: WunderPhul_71 Start: 41013, Stop: 40267, Start Num: 62

Candidate Starts for WunderPhul_71:

(Start: 62 @41013 has 31 MA's), (91, 40836), (99, 40791), (108, 40752), (129, 40641), (140, 40566), (143, 40548), (145, 40524), (157, 40437), (158, 40428), (159, 40425), (189, 40293),

Gene: Xena_62 Start: 42130, Stop: 41330, Start Num: 55

Candidate Starts for Xena_62:

(Start: 55 @42130 has 570 MA's), (Start: 57 @42118 has 99 MA's), (Start: 62 @42070 has 31 MA's), (Start: 66 @42052 has 1 MA's), (78, 41977), (90, 41896), (91, 41893), (96, 41869), (121, 41746), (129, 41701), (136, 41638), (139, 41629), (140, 41626), (143, 41608), (148, 41575), (160, 41482), (162, 41476), (164, 41467), (177, 41404), (189, 41353),

Gene: XianYue_65 Start: 41853, Stop: 41047, Start Num: 51

Candidate Starts for XianYue_65:

(Start: 51 @41853 has 57 MA's), (78, 41700), (91, 41616), (101, 41562), (130, 41418), (140, 41346), (143, 41328), (145, 41304), (151, 41247), (157, 41217), (158, 41208), (164, 41187), (189, 41073),

Gene: Yasdnil_35 Start: 26651, Stop: 27406, Start Num: 72

Candidate Starts for Yasdnil_35:

(8, 26291), (11, 26339), (27, 26456), (Start: 55 @26531 has 570 MA's), (Start: 72 @26651 has 33 MA's), (83, 26711), (87, 26744), (92, 26780), (97, 26804), (99, 26819), (127, 26966), (129, 26972), (132, 26987), (137, 27026), (140, 27035), (145, 27077), (148, 27086), (175, 27239), (176, 27251), (188, 27308), (207, 27389), (208, 27392),

Gene: Yecey3_73 Start: 42130, Stop: 41312, Start Num: 55

Candidate Starts for Yecey3_73:

(Start: 55 @42130 has 570 MA's), (Start: 70 @42022 has 1 MA's), (Start: 71 @42019 has 1 MA's), (84, 41950), (89, 41905), (91, 41893), (99, 41848), (105, 41824), (127, 41707), (129, 41701), (140, 41626), (143, 41608), (145, 41584), (151, 41527), (157, 41497), (158, 41488), (164, 41467), (189, 41353),

Gene: YoSam321_64 Start: 41878, Stop: 41072, Start Num: 55

Candidate Starts for YoSam321_64:

(Start: 39 @41923 has 1 MA's), (Start: 55 @41878 has 570 MA's), (Start: 57 @41866 has 99 MA's), (Start: 66 @41800 has 1 MA's), (78, 41725), (90, 41644), (96, 41617), (121, 41494), (128, 41452), (129, 41449), (136, 41386), (139, 41377), (140, 41374), (143, 41356), (148, 41323), (151, 41275), (160, 41230), (162, 41224), (164, 41215), (177, 41152), (189, 41101),

Gene: Yogi_53 Start: 38369, Stop: 37488, Start Num: 55

Candidate Starts for Yogi_53:

(Start: 55 @38369 has 570 MA's), (Start: 59 @38342 has 2 MA's), (Start: 72 @38255 has 33 MA's), (79, 38213), (86, 38180), (96, 38108), (108, 38051), (129, 37940), (133, 37919), (134, 37916), (140, 37868), (143, 37850), (145, 37826), (146, 37823), (152, 37760), (157, 37739), (158, 37730), (175, 37667), (189, 37595),

Gene: Yokurt_70 Start: 41015, Stop: 40269, Start Num: 62

Candidate Starts for Yokurt_70:

(Start: 62 @41015 has 31 MA's), (91, 40838), (99, 40793), (108, 40754), (129, 40643), (140, 40568), (143, 40550), (145, 40526), (157, 40439), (158, 40430), (159, 40427), (189, 40295),

Gene: Yoncess_52 Start: 37772, Stop: 36891, Start Num: 55

Candidate Starts for Yoncess_52:

(Start: 55 @37772 has 570 MA's), (Start: 59 @37745 has 2 MA's), (Start: 72 @37658 has 33 MA's), (79, 37616), (86, 37583), (96, 37511), (108, 37454), (129, 37343), (133, 37322), (134, 37319), (140, 37271), (143, 37253), (145, 37229), (146, 37226), (152, 37163), (158, 37133), (175, 37070), (189, 36998),

Gene: Yosif_38 Start: 28577, Stop: 29476, Start Num: 55

Candidate Starts for Yosif_38:

(27, 28508), (Start: 55 @28577 has 570 MA's), (Start: 61 @28637 has 6 MA's), (Start: 72 @28697 has 33 MA's), (80, 28748), (83, 28757), (87, 28790), (92, 28826), (97, 28850), (99, 28865), (119, 28961), (127, 29012), (129, 29018), (132, 29033), (137, 29072), (140, 29081), (145, 29123), (164, 29243), (170, 29264), (176, 29297), (185, 29336), (196, 29387),

Gene: Zainub_38 Start: 27773, Stop: 28570, Start Num: 67

Candidate Starts for Zainub_38:

(27, 27611), (Start: 55 @27686 has 570 MA's), (Start: 67 @27773 has 12 MA's), (Start: 72 @27806 has 33 MA's), (Start: 73 @27809 has 2 MA's), (80, 27857), (83, 27866), (84, 27872), (87, 27899), (92, 27935), (94, 27944), (97, 27959), (99, 27974), (129, 28127), (132, 28142), (137, 28181), (140, 28190), (145, 28232), (153, 28310), (173, 28385), (176, 28406), (185, 28445), (209, 28553),

Gene: Zaka_71 Start: 41015, Stop: 40269, Start Num: 62

Candidate Starts for Zaka_71:

(Start: 62 @41015 has 31 MA's), (91, 40838), (99, 40793), (108, 40754), (129, 40643), (140, 40568), (143, 40550), (145, 40526), (157, 40439), (158, 40430), (159, 40427), (189, 40295),

Gene: ZamZam_39 Start: 28058, Stop: 28945, Start Num: 55

Candidate Starts for ZamZam_39:

(Start: 55 @28058 has 570 MA's), (Start: 72 @28178 has 33 MA's), (83, 28238), (87, 28271), (92, 28307), (97, 28331), (99, 28346), (119, 28442), (129, 28499), (132, 28514), (137, 28553), (140, 28562), (153, 28682), (164, 28724), (176, 28778), (184, 28814), (185, 28817), (188, 28835), (193, 28859), (194, 28862), (195, 28865),

Gene: Zarafa_64 Start: 41670, Stop: 40873, Start Num: 55

Candidate Starts for Zarafa_64:

(Start: 55 @41670 has 570 MA's), (Start: 62 @41610 has 31 MA's), (78, 41517), (90, 41436), (96, 41409), (121, 41286), (128, 41244), (129, 41241), (136, 41181), (140, 41169), (143, 41151), (157, 41040), (159, 41028), (169, 40992), (175, 40968), (177, 40947), (189, 40896),

Gene: Zeeculate_62 Start: 42542, Stop: 41721, Start Num: 53

Candidate Starts for Zeeculate_62:

(Start: 53 @42542 has 118 MA's), (Start: 57 @42530 has 99 MA's), (92, 42299), (95, 42287), (99, 42260), (102, 42245), (103, 42233), (129, 42092), (140, 42014), (159, 41873), (164, 41855), (189, 41741),

Gene: Zeigle_60 Start: 31964, Stop: 31107, Start Num: 51

Candidate Starts for Zeigle_60:

(Start: 51 @31964 has 57 MA's), (64, 31895), (Start: 72 @31850 has 33 MA's), (75, 31826), (77, 31814), (78, 31811), (79, 31808), (83, 31790), (88, 31736), (90, 31724), (92, 31715), (100, 31673), (118, 31586), (132, 31514), (140, 31466), (143, 31448), (148, 31415), (154, 31358), (173, 31286),

(174, 31280), (175, 31277), (180, 31247), (185, 31226), (193, 31184), (204, 31136),

Gene: Zemlya_37 Start: 27028, Stop: 27903, Start Num: 55

Candidate Starts for Zemlya_37:

(27, 26953), (31, 26962), (Start: 55 @27028 has 570 MA's), (Start: 72 @27148 has 33 MA's), (83, 27208), (87, 27241), (92, 27277), (97, 27301), (99, 27316), (127, 27463), (129, 27469), (132, 27484), (137, 27523), (140, 27532), (145, 27574), (175, 27736), (176, 27748), (188, 27805), (207, 27886), (208, 27889),

Gene: Zephyr_64 Start: 41646, Stop: 40825, Start Num: 53

Candidate Starts for Zephyr_64:

(Start: 53 @41646 has 118 MA's), (Start: 57 @41634 has 99 MA's), (92, 41403), (95, 41391), (102, 41349), (103, 41337), (129, 41196), (140, 41118), (162, 40968), (189, 40845),

Gene: Zetzy_68 Start: 41566, Stop: 40757, Start Num: 55

Candidate Starts for Zetzy_68:

(Start: 55 @41566 has 570 MA's), (58, 41545), (Start: 65 @41494 has 2 MA's), (96, 41305), (99, 41284), (121, 41182), (122, 41179), (128, 41140), (131, 41125), (140, 41065), (143, 41047), (145, 41023), (157, 40936), (158, 40927), (175, 40864), (189, 40792),

Gene: Zeuska_69 Start: 44968, Stop: 44159, Start Num: 57

Candidate Starts for Zeuska_69:

(Start: 45 @45007 has 15 MA's), (Start: 57 @44968 has 99 MA's), (92, 44737), (95, 44725), (99, 44698), (102, 44683), (103, 44671), (129, 44530), (140, 44452), (148, 44401), (159, 44311), (164, 44293), (189, 44179),

Gene: Zimmer_66 Start: 42787, Stop: 42041, Start Num: 62

Candidate Starts for Zimmer_66:

(Start: 62 @42787 has 31 MA's), (91, 42610), (95, 42592), (101, 42556), (117, 42475), (129, 42415), (140, 42340), (143, 42322), (145, 42298), (151, 42241), (157, 42211), (158, 42202), (164, 42181), (189, 42067),

Gene: Zolita_63 Start: 41623, Stop: 40817, Start Num: 55

Candidate Starts for Zolita_63:

(Start: 55 @41623 has 570 MA's), (Start: 62 @41563 has 31 MA's), (Start: 65 @41551 has 2 MA's), (91, 41386), (95, 41368), (96, 41362), (111, 41287), (112, 41284), (129, 41191), (139, 41116), (140, 41113), (143, 41095), (149, 41053), (157, 40984), (158, 40975), (159, 40972), (175, 40912), (189, 40840),

Gene: ZooBear_63 Start: 32723, Stop: 31869, Start Num: 51

Candidate Starts for ZooBear_63:

(Start: 51 @32723 has 57 MA's), (Start: 72 @32609 has 33 MA's), (75, 32585), (77, 32573), (78, 32570), (79, 32567), (83, 32549), (88, 32495), (90, 32483), (92, 32474), (100, 32432), (118, 32345), (125, 32315), (132, 32273), (140, 32225), (142, 32210), (143, 32207), (154, 32117), (174, 32039), (180, 32006), (185, 31985),

Gene: Zulu_72 Start: 41393, Stop: 40647, Start Num: 62

Candidate Starts for Zulu_72:

(Start: 62 @41393 has 31 MA's), (91, 41216), (99, 41171), (108, 41132), (129, 41021), (140, 40946), (143, 40928), (145, 40904), (157, 40817), (158, 40808), (159, 40805), (189, 40673),

Gene: phiCAM_35 Start: 30026, Stop: 30799, Start Num: 72

Candidate Starts for phiCAM_35:

(27, 29837), (Start: 55 @29906 has 570 MA's), (Start: 72 @30026 has 33 MA's), (80, 30077), (83, 30086), (87, 30119), (92, 30155), (97, 30179), (99, 30194), (127, 30341), (129, 30347), (132, 30362), (137, 30401), (140, 30410), (153, 30530), (164, 30572), (175, 30614), (176, 30626), (184, 30662), (185, 30665), (188, 30683), (194, 30710),

Gene: phiHau3_37 Start: 26613, Stop: 27491, Start Num: 55

Candidate Starts for phiHau3_37:

(11, 26403), (27, 26535), (Start: 55 @26613 has 570 MA's), (Start: 71 @26730 has 1 MA's), (Start: 72 @26733 has 33 MA's), (80, 26784), (83, 26793), (86, 26808), (87, 26826), (92, 26862), (97, 26886), (99, 26901), (121, 27009), (132, 27069), (137, 27108), (140, 27117), (145, 27159), (164, 27279), (170, 27300), (173, 27312), (176, 27333), (185, 27372),