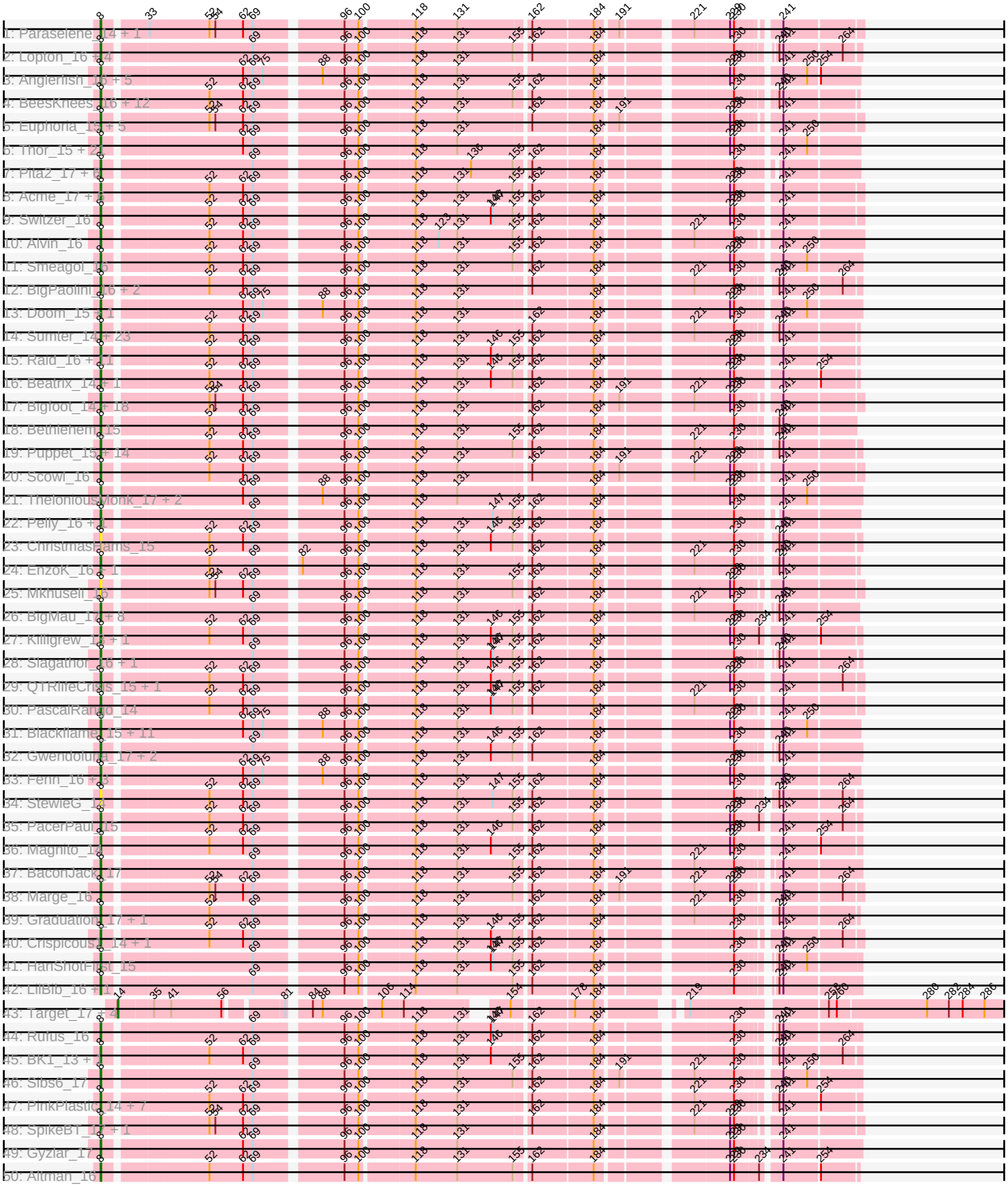
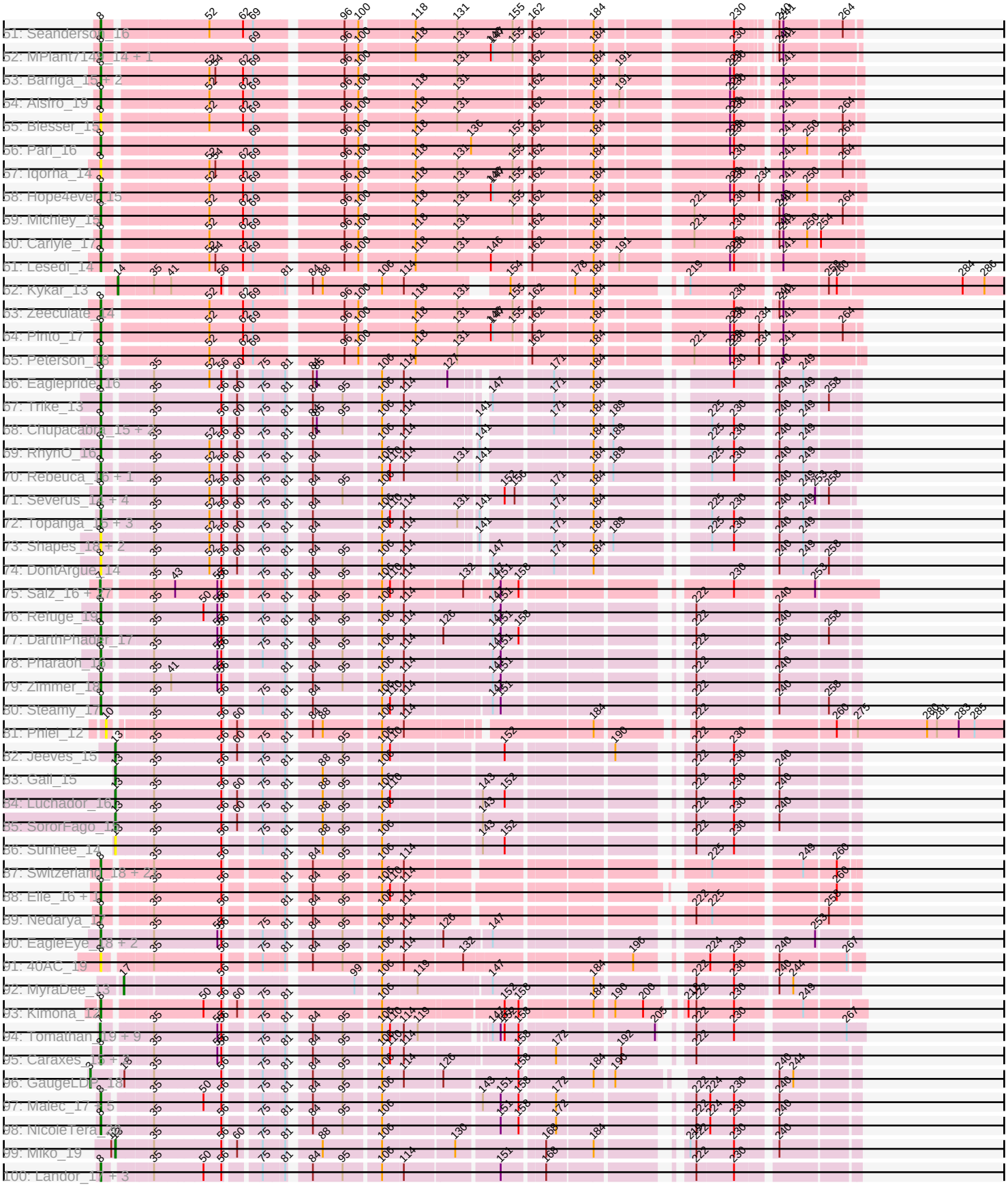
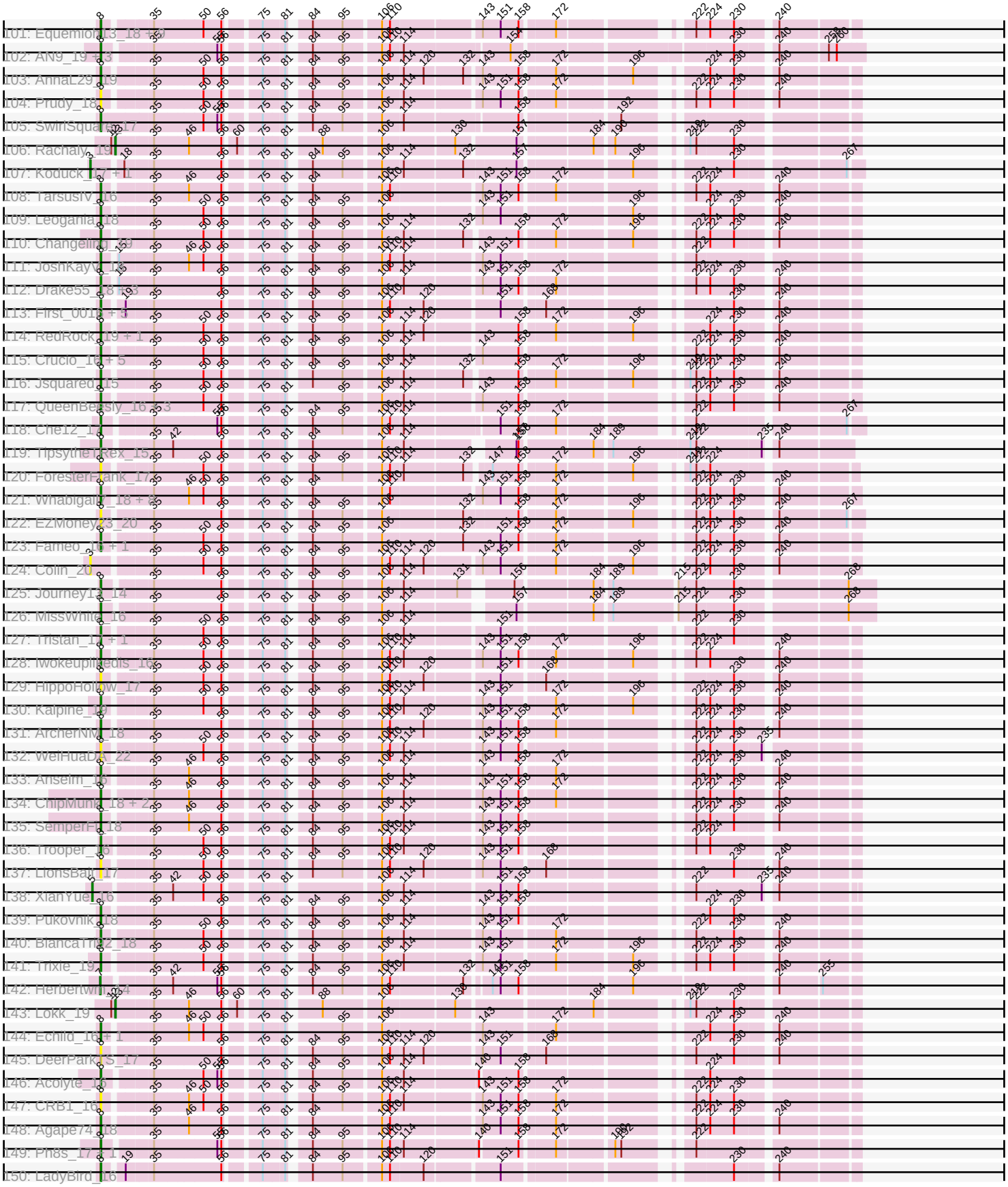
Pham 290650



Pham 290650



Pham 290650



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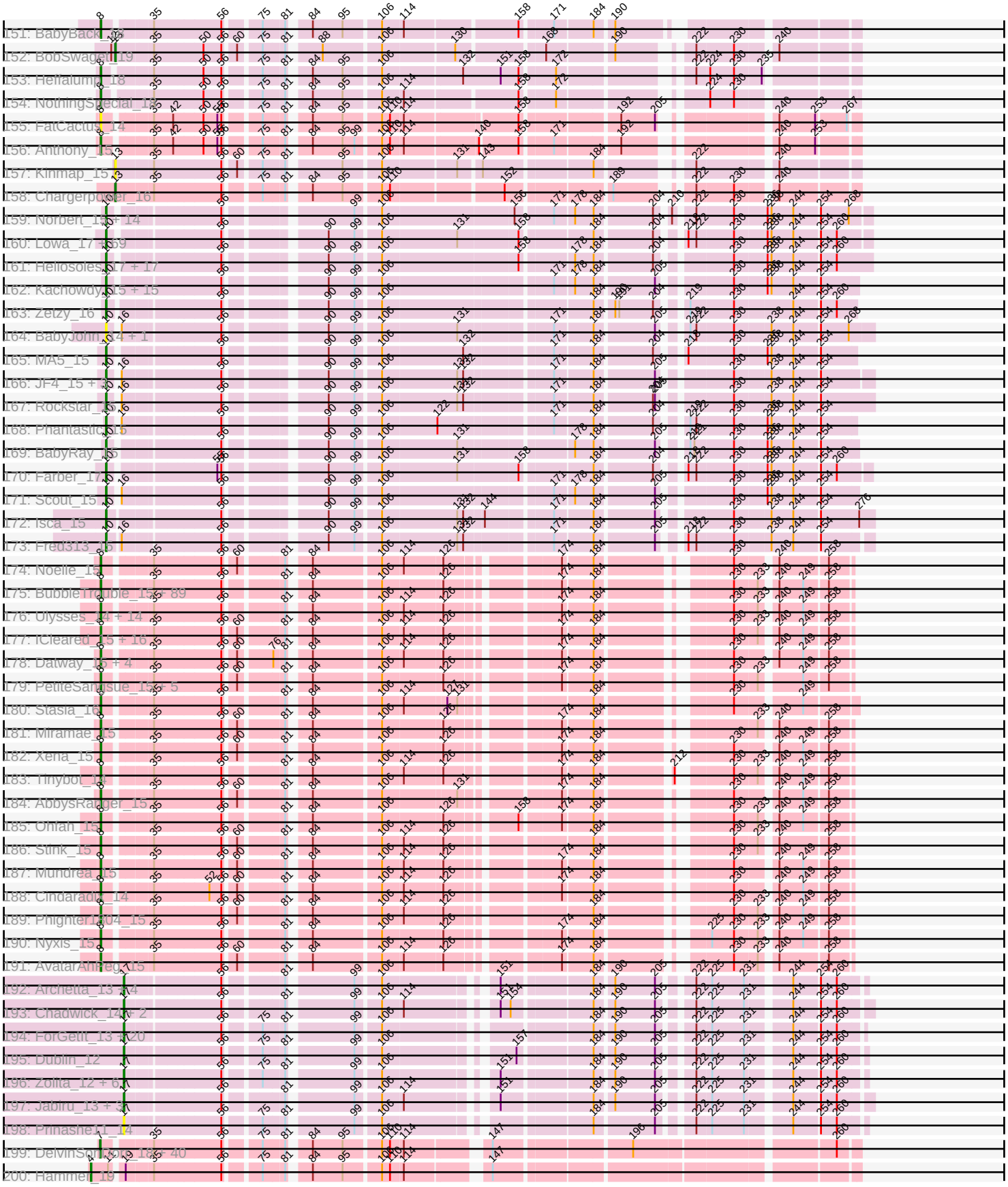

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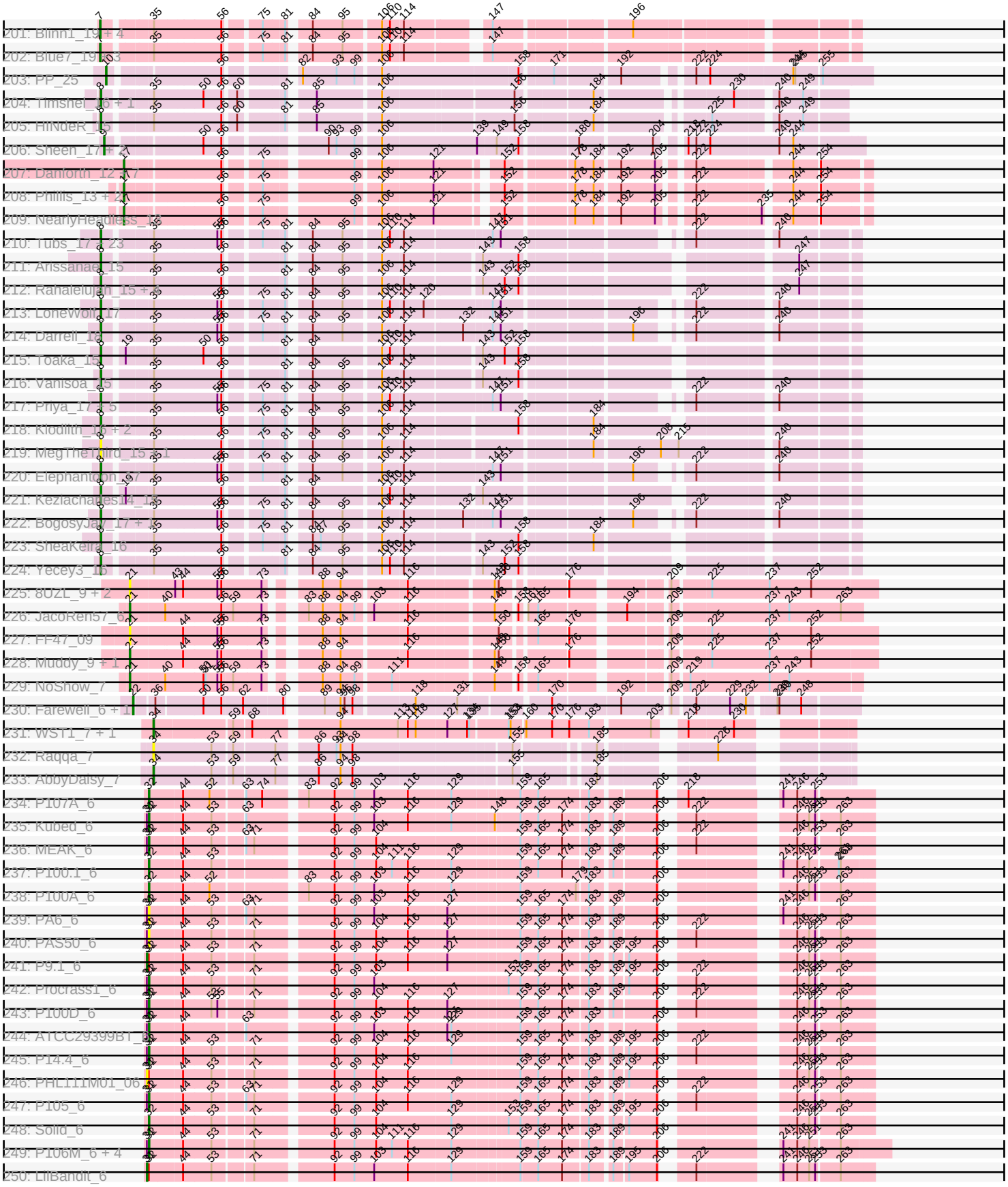
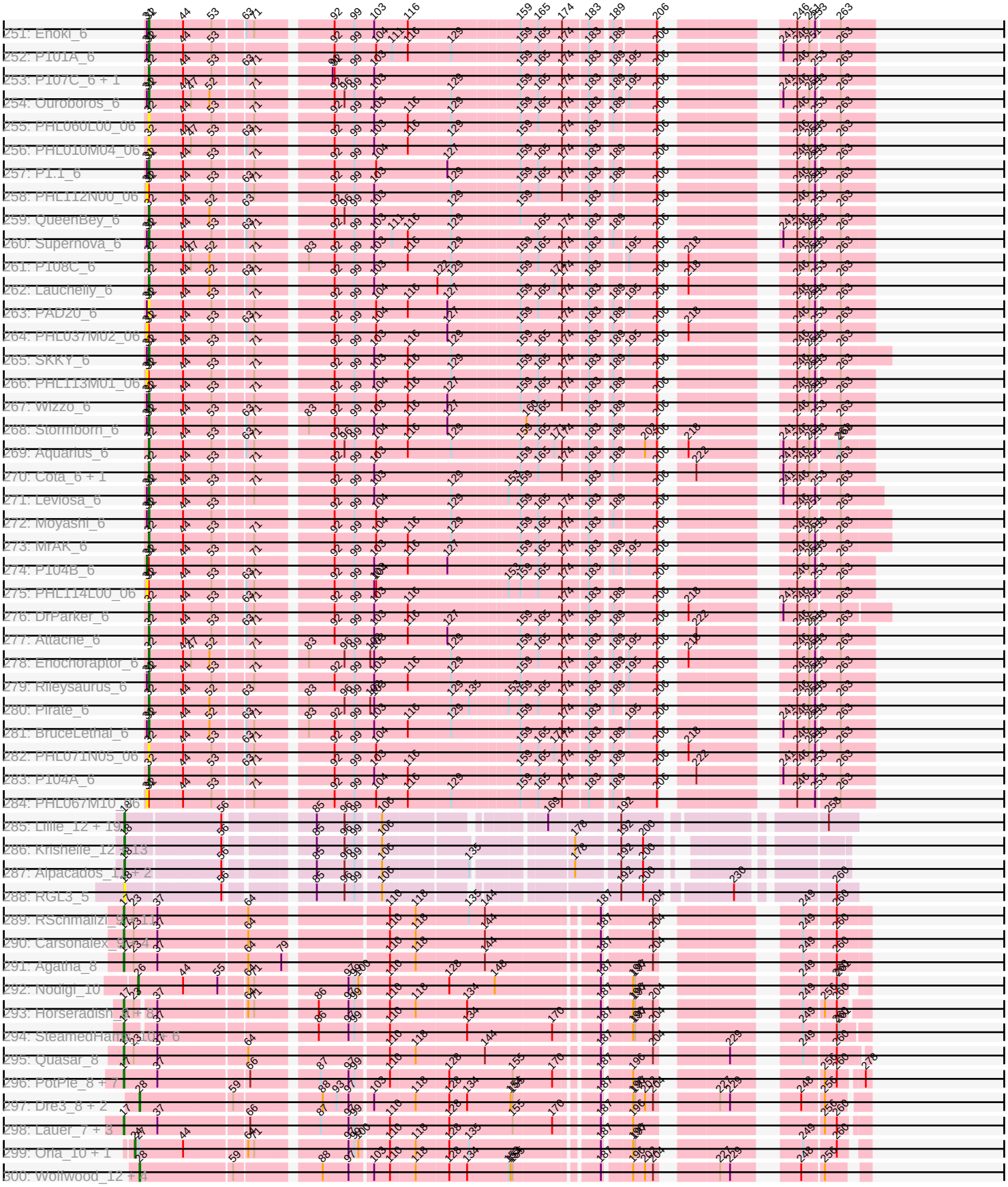


Pham 290650



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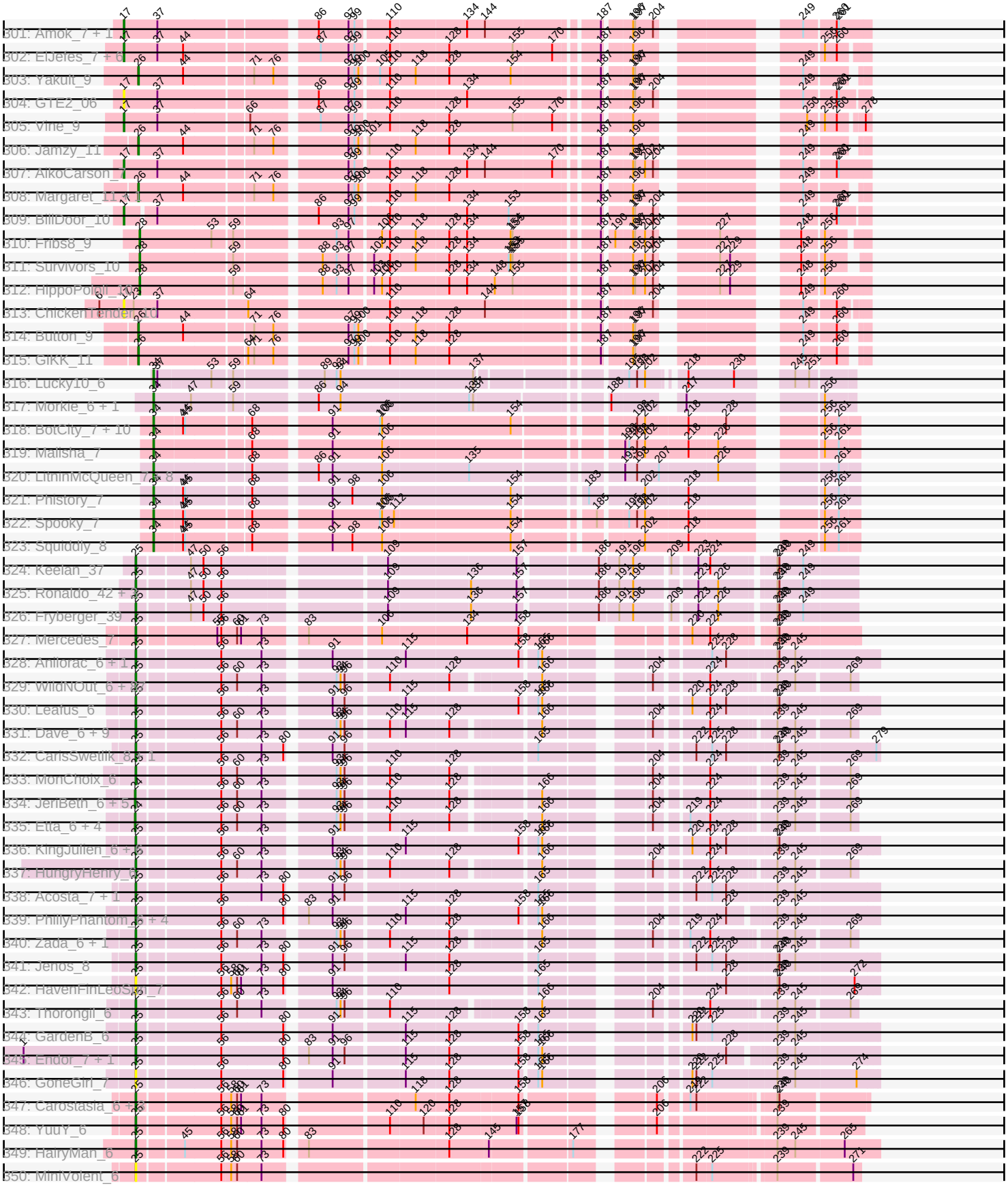

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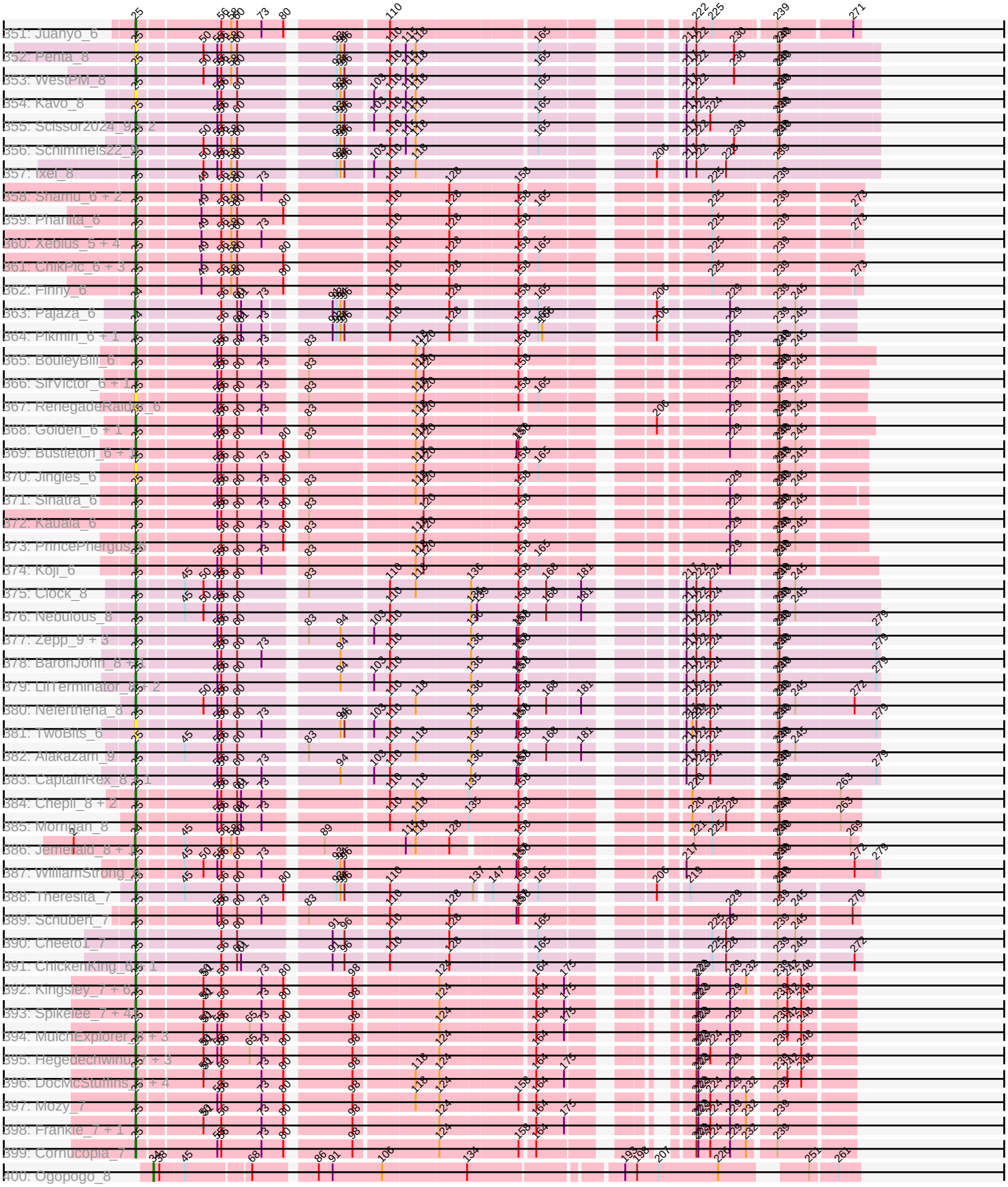

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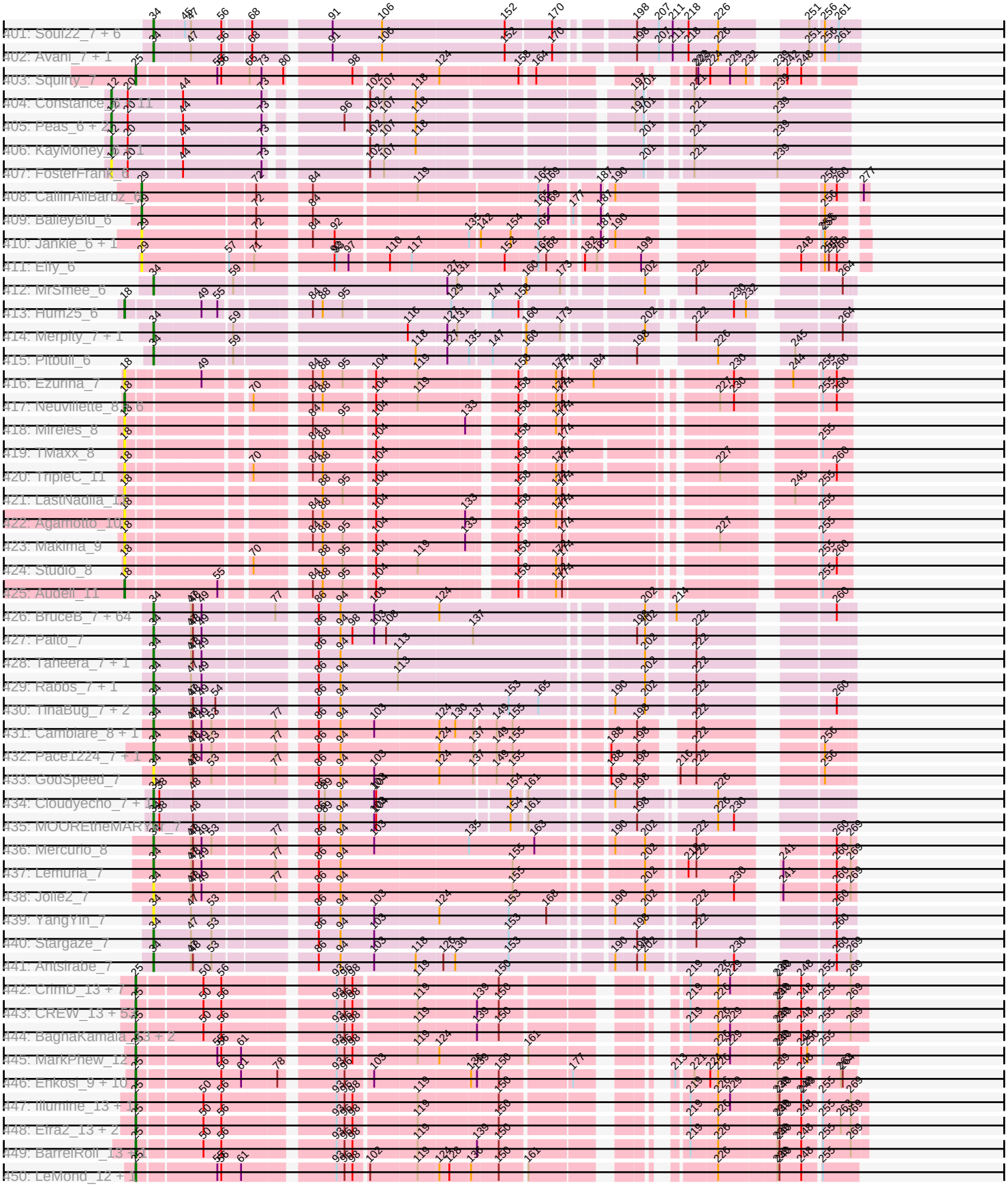

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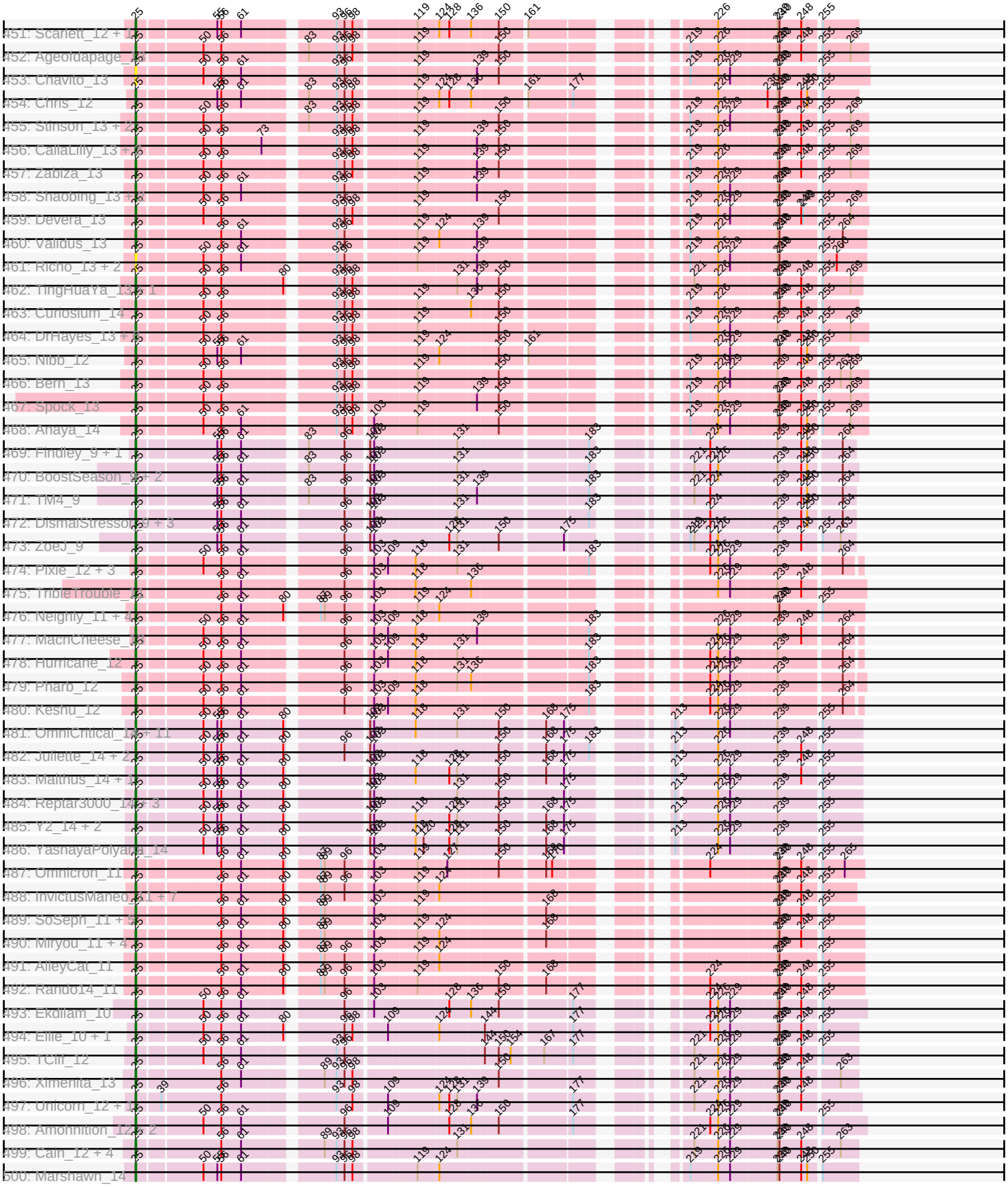

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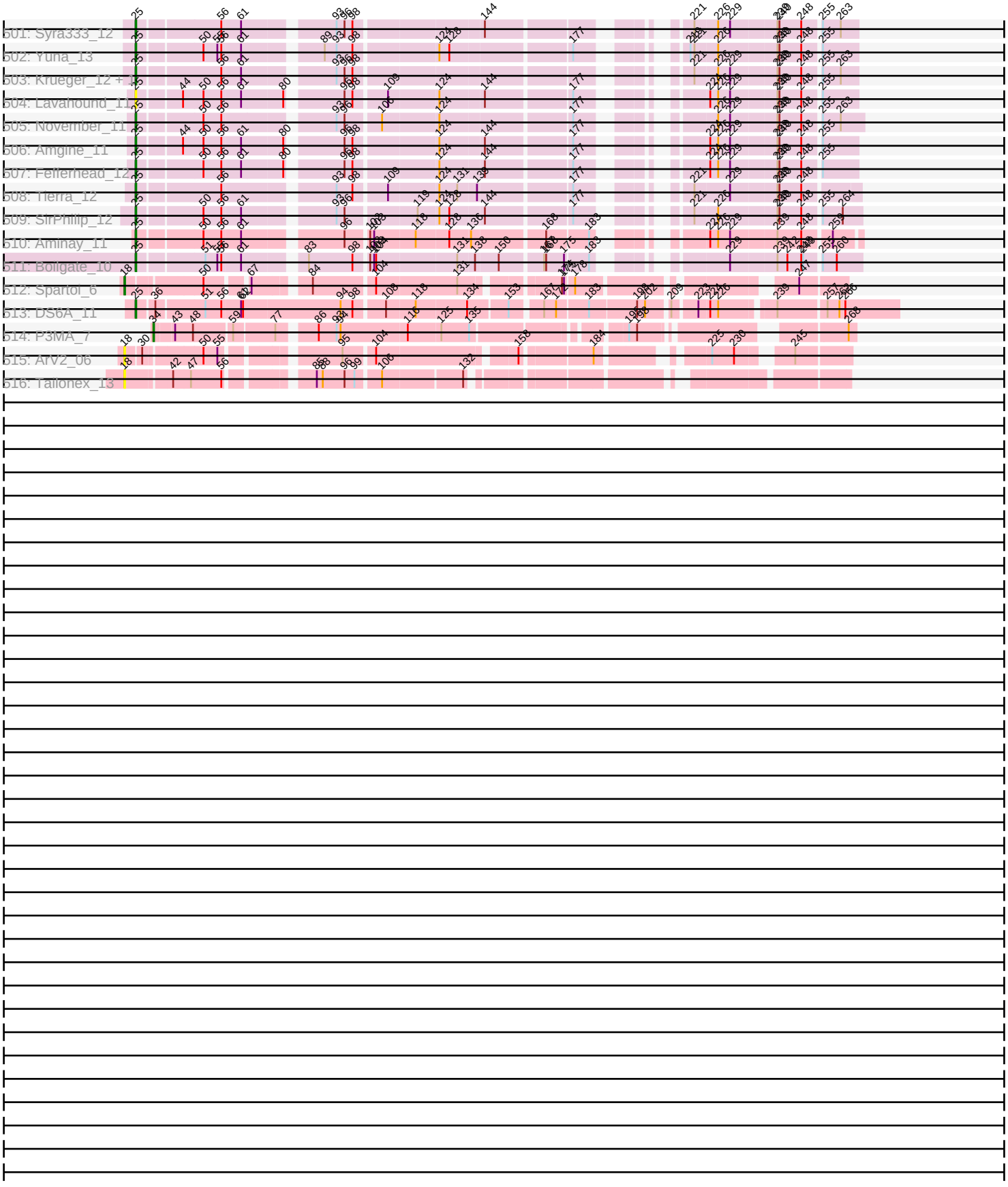
501: Syra333_12
502: Yuna_13
503: Krueger_12 + 1
504: Lavahound_11
505: November_11
506: Amgine_11
507: Fellerhead_12
508: Tierra_12
509: SirPhilip_12
510: Aminay_11
511: Boilgate_10
512: Sparlol_6
513: DS6A_11
514: P3MA_7
515: ArV2_06
516: Tallonex_13

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 290650 Report

This analysis was run 03/28/26 on database version 641.

Pham number 290650 has 1777 members, 252 are drafts.

Phages represented in each track:
• Track 1 : Paraselene_14, JackSparrow_16
• Track 2 : Lopton_16, Molly_16, Magnar_15, Maroc7_14, TwoPeat_16
• Track 3 : Anglerfish_16, Agaliana_15, Bigchungi_15, U2_15, Zephyr_15, DreamCatcher_18
• Track 4 : BeesKnees_16, Traft412_17, Aldrich_16, Petruchio_15, Noxious_16, Snazzy_13, Hermia_17, Froghopper_16, CatBus_16, JC27_17, KikiBouba_16, DirtDevil_16, GroundGoblin_16
• Track 5 : Euphoria_15, MilleFeuille_12, Mule_15, Bruns_14, HarryOW_16, GrecoEtereo_16
• Track 6 : Thor_15, Francis47_15, Ajay_15, RidgeCB_15, STLscum_16, Smairt_16, CartmannCramer_15, Bircsak_15, StrongArm_14, GMonster_14, Arcanine_16, Rajelicia_15, Tripl3t_16, SarFire_15, Papez_17, Gompeii16_15, Monet_17, Edtherson_16, Treddle_17, KBG_16, Bexan_14, Nhonho_15
• Track 7 : Pita2_17, Tote_17, JuliaChild_17, Pepe_16, Arlo_14, PSullivan_17, Swole_17
• Track 8 : Acme_17, Ichabod_16, Pippin_17, Seabiscuit_17, ProMouse_14, Ciao_15, KSSJEB_15
• Track 9 : Switzer_16
• Track 10 : Alvin_16
• Track 11 : Smeagol_16
• Track 12 : BigPaolini_16, Chanagan_14, MrGordo_15
• Track 13 : Doom_15, Briton15_17
• Track 14 : Sumter_14, Aeneas_17, Lockley_15, Fajezeel_17, Perseus_16, Dulcie_14, Lamina13_15, Marco3_15, Gandalf20_16, Forsytheast_14, PhrostyMug_15, Ashballer_14, IgnatiusPatJac_14, Niza_17, NEHalo_15, DD5_16, Moose_14, Sanya_14, Turj99_14, Greg_17, BluSpix_15, Solon_15, SwissCheese_15, Norz_17
• Track 15 : Raid_16, Makemake_15, Ringer_15, Sagefire_16, Nerujay_16, Jasper_16, Abrogate_160, Rubeus_16, Tasp14_16, Dreamboat_16, Espresso_15, Homines_15
• Track 16 : Beatrix_14, Fushigi_16
• Track 17 : Bigfoot_14, Marchy_14, CactusRose_14, Topgun_15, Levia_15, Wilkins_15, Sorpresa_15, Payneful_15, Sandaddy_14, Mryolo_14, Cueylyss_15, Violet_14, Hami1_17, Gachnar_15, Teodoridan_13, Bones_15, LunarLander_15, PhineBark_14, BarrowTuph_14
• Track 18 : Bethlehem_15

• Track 19 : Puppet_15, Eyeball_15, McGuire_16, Applejack_15, Dynamix_16, Sunshine924_14, Phlippers_14, KyMonks1A_17, Kanely_16, ILeeKay_17, Zeuska_16, Adahisdi_16, Oogway_14, Big3_15, Jorgensen_15
• Track 20 : Scowl_16
• Track 21 : TheloniousMonk_17, Marsha_15, Buttons_16
• Track 22 : Pelly_16, Ohno789_15
• Track 23 : ChristmasHams_15
• Track 24 : EnzoK_16, SkiPole_17
• Track 25 : Mkhuseli_16
• Track 26 : BigMau_17, Jerm2_16, Rohr_16, HermioneGrange_15, Museum_17, PattyP_17, Burton_16, BPBiebs31_16, Rutherferd_17
• Track 27 : Killigrew_13, ConceptII_15
• Track 28 : Slagathor_16, Petp2012_17
• Track 29 : QTRlifeCrisis_15, Watermelon_17
• Track 30 : PascalRango_14
• Track 31 : Blackflame_15, Parliament_14, Abbyshoes_16, DrFeelGood_14, Kenmech_18, Squee_16, Wheeler_15, Corvo_15, Dussy_16, ShortQueendom_14, Licorice_17, Marcell_15
• Track 32 : Gwendoluna_17, Dexes_16, Ruotula_14
• Track 33 : Fenn_16, PowerRanger_15, Naira_16, McSinger_16
• Track 34 : StewieG_14
• Track 35 : PacerPaul_15
• Track 36 : Magnito_14
• Track 37 : BaconJack_17
• Track 38 : Marge_16
• Track 39 : Graduation_17, Atkinbua_16
• Track 40 : Crispicous1_14, Inyanga_14
• Track 41 : HanShotFirst_15
• Track 42 : LilBib_16, Fascinus_14
• Track 43 : Target_17, Whitspit_16, BillKnuckles_16, Bxb1_14, Kugel_16
• Track 44 : Rufus_16
• Track 45 : BK1_13, A6_13
• Track 46 : Sibs6_17
• Track 47 : PinkPlastic_14, MaryBeth_15, Manatee_16, MetalQZJ_15, Blue_15, PherrisBueller_16, Paphu_14, AFIS_15
• Track 48 : SpikeBT_17, GageAP_17
• Track 49 : Gyzlar_17
• Track 50 : Altman_16
• Track 51 : Seanderson_16
• Track 52 : MPlant7149_14, Bob3_14
• Track 53 : Barriga_15, Rhynn_15, Trouble_15
• Track 54 : Alsfro_19
• Track 55 : Blesser_15
• Track 56 : Pari_16
• Track 57 : Iqorha_14
• Track 58 : Hope4ever_15
• Track 59 : Michley_15
• Track 60 : Carlyle_17
• Track 61 : Lesedi_14
• Track 62 : Kykar_13
• Track 63 : Zeeculate_14
• Track 64 : Pinto_17
• Track 65 : Peterson_18

• Track 66 : Eaglepride_16
• Track 67 : Trike_13
• Track 68 : Chupacabra_15, Goose_15, OKCentral2016_15
• Track 69 : RhynO_16
• Track 70 : Rebeuca_16, Kristoff_16
• Track 71 : Severus_14, PeaceMeal1_14, KittenMittens_14, Poompha_14, Drake94_14
• Track 72 : Topanga_15, Edison31_15, Twister_15, WalterMcMickey_15
• Track 73 : Shapes_18, DustyMartin_18, Rowdy_18
• Track 74 : DontArgue_14
• Track 75 : Salz_16, Et2Brutus_15, Wolpertinger_15, Bachome_16, Timothy_16, Lucivia_16, Saskia_15, Petersenfast_15, Gilberta_16, Mulciber_16, Kimba_16, Bud_16, Hutc2_16, Munch_16, Orange_16, MaCh_16, Flaverint_16, Bowtie_16, Sham4_16, Joselito_16, Snape_16, Insomnia_16, TinyTimmy_16, Fibonacci_16, Ebony_16, Mabel_16, Aneem_16, Jabith_16
• Track 76 : Refuge_19
• Track 77 : DarthPhader_17
• Track 78 : Pharaoh_16
• Track 79 : Zimmer_18
• Track 80 : Steamy_17
• Track 81 : Phlei_12
• Track 82 : Jeeves_15
• Track 83 : Gail_15
• Track 84 : Luchador_16
• Track 85 : SororFago_15
• Track 86 : Sunhee_14
• Track 87 : Switzerland_18, LastResort_18, ShayRa_19, KatherineG_18, Oofda_18, ReMo_18, Anaysia_18, Strosahl_18, JSwag_18, Soups_18, Boohoo_18, Remus_18, Ravana_19, MinecraftSteve_19, Warrior24_18, DekHockey33_18, Waits_18, Nebulosus_18, Looper_19, Epsocamisio_18, Battleship_19, Rosalind_18
• Track 88 : Elle_16, Anon_16
• Track 89 : Nedarya_17
• Track 90 : EagleEye_18, PainterBoy_17, Lucyedi_17
• Track 91 : 40AC_19
• Track 92 : MyraDee_13
• Track 93 : Kimona_12
• Track 94 : Tomathan_19, D32_19, Naji_19, Travvers_19, DBQu4n_19, StarStuff_19, Kerberos_19, D29_17, Duplo_19, Pomar16_19
• Track 95 : Caraxes_15, Superchunk_15, Odin_15
• Track 96 : GaugeLDP_18
• Track 97 : Malec_17, Serenity_15, Bradman_15, Quokka_14, Larenn_17, MajorMajor_15
• Track 98 : NicoleTera_20
• Track 99 : Miko_19
• Track 100 : Landor_17, Bactobuster_17, Jaan_19, Phaded_19
• Track 101 : Equemioh13_18, Sknot_16, WideWale_18, NaSiaTalie_16, Flare16_16, Centaur_18, Updawg_18, Gratitude_17, MiculUcigas_16, Terrific_20
• Track 102 : AN9_19, VC3_19, ANI8_19, C3_14
• Track 103 : AnnaL29_19
• Track 104 : Prudy_18
• Track 105 : SwirlSquare_17
• Track 106 : Rachaly_19
• Track 107 : Koduck_17, L5_17

• Track 108 : TarsusIV_16
• Track 109 : Leogania_18
• Track 110 : Changeling_19
• Track 111 : JoshKayV_18
• Track 112 : Drake55_18, Piro94_17, HarryHoudini_18, Baehexic_17
• Track 113 : First_0016, AN3_16, VA6_16, BengiVuitton_17, Deloris_17, 20ES_16
• Track 114 : RedRock_19, Loser_19
• Track 115 : Crucio_16, Retro23_16, Dalmatian_16, DudeLittle_16, SweetiePie_16, SnapTap_16
• Track 116 : Jsquared_15
• Track 117 : QueenBeesly_16, FiringLine_16, Georgie2_17, Power_16
• Track 118 : Che12_17
• Track 119 : TipsytheTRex_15
• Track 120 : ForesterFrank_17
• Track 121 : Whabigail7_18, Jerm_18, Bugsy_18, Leviathan_18, Smeagan_18, LilTurb_18, Turbido_18, Dignity_18, AbbyPaige_18
• Track 122 : EZMoney23_20
• Track 123 : Fameo_16, QueenB2_16
• Track 124 : Colin_20
• Track 125 : Journey13_14
• Track 126 : MissWhite_16
• Track 127 : Tristan_17, IronMan_18
• Track 128 : Iwokeuplikedis_16
• Track 129 : HippoHollow_17
• Track 130 : Kalpine_19
• Track 131 : ArcherNM_18
• Track 132 : WeiHuaDA_22
• Track 133 : Anselm_16
• Track 134 : ChipMunk_18, KingCyrus_18, EvilGenius_18
• Track 135 : SemperFi_18
• Track 136 : Trooper_16
• Track 137 : LionsBait_17
• Track 138 : XianYue_16
• Track 139 : Pukovnik_18
• Track 140 : BiancaTri92_18
• Track 141 : Trixie_19
• Track 142 : Herbertwm_14
• Track 143 : Lokk_19
• Track 144 : Echild_16, Benvolio_16
• Track 145 : DeerParkTS_17
• Track 146 : Acolyte_16
• Track 147 : CRB1_16
• Track 148 : Agape74_18
• Track 149 : Ph8s_17, Adzzy_17
• Track 150 : LadyBird_16
• Track 151 : BabyBack_18
• Track 152 : BobSwaget_19
• Track 153 : Heffalump_18
• Track 154 : NothingSpecial_18
• Track 155 : FatCactus_14
• Track 156 : Anthony_15
• Track 157 : Kinmap_15
• Track 158 : Chargerpower_16

• Track 159 : Norbert_15, Noella_16, Texage_15, Panamaxus_16, Caviar_16, EtoileNova_16, Margo_16, Popcicle_16, Veracruz_15, ResDef_16, Lambert1_16, Pocahontas_16, Todacoro_16, Hookmount_16, QuinnKiro_15
• Track 160 : Lowa_17, Malinsilva_19, SoYo_17, StepMih_17, Grub_17, KADY_18, Marie_17, Misomonster_19, PGHhamlin_19, Dieselweasel_17, MuchMore_19, Daishi_16, Phoebe_17, Taurus_17, LBerry_17, Tiffany_17, MarQuardt_17, Sabia_17, BreSam8_17, Cullens_17, Rummer_17, LugYA_19, LarryKay_17, Louie6_17, DaHudson_17, Spike509_17, P28Green_17, TinyPebbles_17, HashRod_18, Croquant_18, Watson_17, Colbster_17, Jobu08_17, Grum1_17, Grif_17, Snickers_17, Pembroke_17, Fernando_17, GingkoMaracino_17, Stagni_17, JenCasNa_17, Wooldri_19, Hercules11_17, MoneyMay_17, Bxz2_17, Beauxregard13_17, Ollie_17, PotatoSplit_18, Microwolf_17, AgronaGT15_17, Vix_17, BuzzBuzz_16, JHC117_17, GtownJaz_17, Penny1_17, EpicPhail_17, Montavir_16, Phoxy_17, Aglet_17, Lilith_17, Anubis_19, SoilDragon_17, Bigflo_17, MadMarie_17, Sabinator_17, Gwennie_16, Methuselah_17, Soshari_19, Mainiac_17, AugsMagnumOpus_19
• Track 161 : Heliosoles_17, HaveUMetTed_18, Manu_18, Groupthink_18, Phranny_18, Calvinny_18, OlanP_17, Kalb97_18, JeppNRM_18, ACFishhook_17, Gemma_17, PurpleHaze_17, ClownCar_18, Pawn_17, PhishRPhriends_16, Reba_18, Kalnoky_18, Marius_18
• Track 162 : Kachowdy_15, Clammy_15, Heathen_15, HelDan_15, Giroux_16, Idleandcovert_15, Zarafa_15, SaturnRing_15, Puppy_16, Roimos_15, DropBear_15, Bugatti_15, Marchesa_15, TNguyen7_15, Pistachio_16, BlueBird_16
• Track 163 : Zetzy_16
• Track 164 : BabyJohn_14, Chiqui_14
• Track 165 : MA5_15
• Track 166 : JF4_15, JF2_15, B1_13, MK4_15
• Track 167 : Rockstar_15
• Track 168 : Phantastic_15
• Track 169 : BabyRay_15
• Track 170 : Farber_17
• Track 171 : Scout_15
• Track 172 : Isca_15
• Track 173 : Fred313_15
• Track 174 : Noelle_15
• Track 175 : BubbleTrouble_15, Mayonnaise_15, Chaph_15, Sabertooth_15, Citius_15, MeeZee_15, Sultana_15, Nebs_15, Bartimeaus_15, Burger_14, Flux_15, Palestino_15, TygerBlood_15, Wilbur_15, Eris_15, LappelDuVide_15, TroyPia_15, Skipitt_15, Scamp_15, Baby16_15, Romney_15, Cocoaberry_15, NorthStar_15, Shygu2_15, BellusTerra_15, SenorClean_15, Funston_15, Florean_15, Polymorphads_15, Dhanush_15, Koan_15, Arturo_14, Clarenza_15, YoSam321_15, Sparxx_15, Koreni_14, Ruin_15, RockieBear_14, PeterPeter_15, Maxo_15, Broseidon_15, Druantia_15, Kampy_15, Nemo27_15, Bombshell_15, Spino_15, Roosevelt_15, Pipcraft_15, Connomayer_15, JetBlade_15, KFPoly_15, Phacado_15, Wizard007_15, Gadost_15, NotAPhaseMom_15, HamSlice_14, Blackmoor_15, KekoraPapaka_14, Millski_15, Maverick_15, Phelipe_15, Alberto7_16, Lorenzo_15, Relief_15, CentreCat_15, TinaFeyge_15, Jaykayelowell_15, Wander_15, Huxley_15, Eurydice_15, Taquarus_15, Kyee_15, Eagle_14, Commander_15, Eapen_15, Annyong_15, LeoAvram_15, Medusa_15, Morrow_15, Bruiser_15, Albee_15, Houdini22_15, TiroTheta9_15, Avle17_15, JoongJeon_15, Melvin_15, Abdiel_15, Holli_15, Kingmustik0402_15, Caelakin_15
• Track 176 : Ulysses_14, Thanksgivukkah_15, Rosa24_14, Eros_15, Mazhar510_15, Camperdownii_14, Kratark_15, Kremtemulon_15, Shaka_15, LittleGuy_15,

Pumbaa_15, LittleB_15, DirtyDunning_15, LochMonster_15, Cintron_15
• Track 177 : ICleared_15, SteMason_14, SheldonCooper_15, BangNhom_14, Deano_15, Happiness_15, Obama12_15, Peaches_15, Cerulean_15, OKaNui_15, ChampagnePapi_15, LHTSCC_15, Iceman_15, Lunsford_16, Iracema64_15, Phontbonne_15, Lemur_15
• Track 178 : Datway_15, Wile_15, Backyardigan_15, Badger_15, Achebe_15
• Track 179 : PetiteSangsue_15, Katalie136_15, Cici_15, Perplexer_15, Bumblebee11_15, Morpher26_15
• Track 180 : Stasia_16
• Track 181 : Miramae_15
• Track 182 : Xena_15
• Track 183 : Tinybot_14
• Track 184 : AbbysRanger_15
• Track 185 : Ohfah_15
• Track 186 : Stink_15
• Track 187 : Mundrea_15
• Track 188 : Cindaradix_14
• Track 189 : Phighter1804_15
• Track 190 : Nyxis_15
• Track 191 : AvatarAhPeg_15
• Track 192 : Archetta_13, Lev2_13, UnionJack_13, PickleBack_13, ElTiger69_13
• Track 193 : Chadwick_14, Naca_13, PetterN_14
• Track 194 : ForGetIt_13, Cuco_13, Twigg_13, Tarynearal_12, Theia_12, Florence1_13, George_12, LittleCherry_13, Conspiracy_13, Micasa_13, MarysWell_12, Midas2_13, Swirley_13, Coog_13, Bonamassa_13, Tiger_13, Milcery_13, HuhtaEnerson15_13, Jovo_13, Florence4_14, Discoknowium_13
• Track 195 : Dublin_12
• Track 196 : Zolita_12, SydNat_13, Phlorence_13, Bluefalcon_12, Ghoulboy_13, AgentM_13, Aragog_13
• Track 197 : Jabiru_13, Benedict_13, Scorpia_14, Airmid_13
• Track 198 : Prinashe11_14
• Track 199 : DelvinSonDorr_18, SmellyB_19, Dorothea_19, Chartreuse_19, DaVinci_19, ToneTone_18, Artemis2UCLA_19, Priamo_19, Temprado_19, Kazan_19, Lilbunny_19, VohminGhazi_19, Neeharika16_19, Roksolana_19, Candra_19, Kipper29_19, Pmask_19, Indra_19, McFly_19, Cookiedough_19, Wiks_19, JewelBug_19, Yokurt_19, WunderPhul_19, Hexamo_19, Hoot_19, BennyP_19, SuperAwesome_19, Zaka_19, BlessJoy_19, Isiphiwo_19, Jordennis_19, Newrala_19, Helmet_19, CloudWang3_19, BABullseye_19, EricB_19, GreedyLawyer_19, Zulu_19, Polyphemus_19, Garak_20
• Track 200 : Hammer_19
• Track 201 : Blinn1_19, Koko_19, SuperCallie99_19, Jeffabunny_19, Tucker_19
• Track 202 : Blue7_19, Rifter_19, Gladiator_19, Gruunaga_19
• Track 203 : PP_25
• Track 204 : Timshel_16, DroogsArmy_16
• Track 205 : HINdeR_15
• Track 206 : Sheen_17, FlyCatcher_19, Toro_18
• Track 207 : Danforth_12, Groundhog_12, Dixon_13, Smeadley_13, Caitlin_12, Roary_13, Expelliarmus_12, Astro_13
• Track 208 : Phillis_13, Stephig9_13, Saintus_13
• Track 209 : NearlyHeadless_13
• Track 210 : Tubs_17, Aliter_17, Scherzo_17, Fayely_17, Lilleskat_15, Onglai_16, Phonnegut_17, Pioneer_17, Holex_16, HortumSL17_17, Conquerage_17, PackMan_17, Qobbit_17, RyeScarlet_18, Myxus_17, ExplosioNervosa_17,

Ugenie5_14, Hanray_16, Jiawan_16, Phaeder_17, EdogawaKiddo_15, Ayanochan_18, Beemo_17, Sachima_15
• Track 211 : Arissanae_15
• Track 212 : Rahalelujah_15, Bellris_14, CogOmlette_14, Minispark_14, WorldCup_14
• Track 213 : LoneWolf_17
• Track 214 : Darrell_18
• Track 215 : Toaka_15
• Track 216 : Vanisoa_15
• Track 217 : Priya_17, Eidsmoe_17, Alma_17, Catalina_17, EmyBug_17, Spouty_17
• Track 218 : Klodlith_16, DreamTeam1_16, Charm_16
• Track 219 : MegTheThird_15, Celestialunch_16
• Track 220 : Elephantoon_17
• Track 221 : Keziacharles14_15
• Track 222 : BogosyJay_17, Maminiaina_17
• Track 223 : SheaKeira_16
• Track 224 : Yecey3_16
• Track 225 : 8UZL_9, Salvus_10, LongHai_10
• Track 226 : JacoRen57_6
• Track 227 : FF47_09
• Track 228 : Muddy_9, Maco6_7
• Track 229 : NoShow_7
• Track 230 : Farewell_6, Sparky_6
• Track 231 : WST1_7, IdentityCrisis_7
• Track 232 : Raqqa_7
• Track 233 : AbbyDaisy_7
• Track 234 : P107A_6
• Track 235 : Kubed_6
• Track 236 : MEAK_6
• Track 237 : P100.1_6
• Track 238 : P100A_6
• Track 239 : PA6_6
• Track 240 : PAS50_6
• Track 241 : P9.1_6
• Track 242 : Procrass1_6
• Track 243 : P100D_6
• Track 244 : ATCC29399BT_6
• Track 245 : P14.4_6
• Track 246 : PHL111M01_06
• Track 247 : P105_6
• Track 248 : Solid_6
• Track 249 : P106M_6, P106C_6, P106A_6, P106L_6, P106I_6
• Track 250 : LilBandit_6
• Track 251 : Enoki_6
• Track 252 : P101A_6
• Track 253 : P107C_6, ATCC29399BC_6
• Track 254 : Ouroboros_6
• Track 255 : PHL060L00_06
• Track 256 : PHL010M04_06
• Track 257 : P1.1_6
• Track 258 : PHL112N00_06
• Track 259 : QueenBey_6
• Track 260 : Supernova_6

• Track 261 : P108C_6
• Track 262 : Lauchelly_6
• Track 263 : PAD20_6
• Track 264 : PHL037M02_06
• Track 265 : SKKY_6
• Track 266 : PHL113M01_06
• Track 267 : Wizzo_6
• Track 268 : Stormborn_6
• Track 269 : Aquarius_6
• Track 270 : Cota_6, Keiki_6
• Track 271 : Leviosa_6
• Track 272 : Moyashi_6
• Track 273 : MrAK_6
• Track 274 : P104B_6
• Track 275 : PHL114L00_06
• Track 276 : DrParker_6
• Track 277 : Attacne_6
• Track 278 : Enochoraptor_6
• Track 279 : Rileysaurus_6
• Track 280 : Pirate_6
• Track 281 : BruceLethal_6
• Track 282 : PHL071N05_06
• Track 283 : P104A_6
• Track 284 : PHL067M10_06
• Track 285 : Lillie_12, Belenaria_12, Naiad_12, Nancinator_12, Natosaleda_12, UhSalsa_12, CosmicSans_12, StCroix_12, Erik_12, Espica_12, Shuman_12, Bradshaw_12, Swann_12, Phrankenstein_12, RER2_5, Gollum_12, TWAMP_12, Alatin_12, RexFury_12, Rhodalysa_12
• Track 286 : Krishelle_12, Partridge_12, PhailMary_11, Harlequin_12, Takoda_12, AngryOrchard_11, AppleCloud_10, Jester_12, Dinger_12, Rasputin_12, Bryce_12, BobbyDazzler_12, Yoncess_12, Hiro_12
• Track 287 : Alpacados_11, Bonanza_12, Yogi_12
• Track 288 : RGL3_5
• Track 289 : RSchmailzl_9, Sopespian_8, Bubble_8, Socotra_9, Cozz_8, Eliott_8, Starburst_9, Axym_8, RedBaron_9, Nina_9, RADical_9, PsychoKiller_8
• Track 290 : Carsonalex_9, MunkgeeRoachy_8, GoldHunter_9, Burnsey_8, Typhonomachy_8
• Track 291 : Agatha_8
• Track 292 : Nodigi_10
• Track 293 : Horseradish_9, Biskit_9, Yummy_9, Blondies_9, SweatNTears_10, Buttrmlkdreams_8, MScarn_10, Troje_8, SketchMex_7
• Track 294 : SteamedHams_10, CaramelLatte_8, AndPeggy_7, Tolls_10, CanesSauce_8, ChocoMunchkin_8, Yarn_7
• Track 295 : Quasar_8
• Track 296 : PotPie_8, CocoaPuff_7, Elinal_9, SummitAcademy_7, KayGee_8, Bavilard_8, Yucky_8, Balloona_7
• Track 297 : Dre3_8, Cleo_8, Gibbous_8
• Track 298 : Lauer_7, Feastonyeet_7, Tarnish_7, BigChungus_7
• Track 299 : Orla_10, Hexbug_10
• Track 300 : Wolfwood_12, Zareef_10, Azira_10, MaVan_10, Nibbles_10
• Track 301 : Amok_7, Emalyn_7
• Track 302 : ElJefes_7, MAnor_8, CherryonLim_9, McDazzle_7, SheckWes_7, Mayweather_9, Pons_8

• Track 303 : Yakult_9
• Track 304 : GTE2_06
• Track 305 : Vine_9
• Track 306 : Jamzy_11
• Track 307 : AikoCarson_7
• Track 308 : Margaret_11, RanchParmCat_11
• Track 309 : BillDoor_10
• Track 310 : Fribs8_9
• Track 311 : Survivors_10
• Track 312 : HippoPololi_10
• Track 313 : ChickenTender_10
• Track 314 : Button_9
• Track 315 : GiKK_11
• Track 316 : Lucky10_6
• Track 317 : Morkie_6, PhorbesPhlower_6
• Track 318 : BotCity_7, BENtherdunthat_7, Periwinkle_7, Whitney_7, Leroy_7, Horus_7, Kenna_7, Asapag_7, Getalong_7, Lutum_7, Frickyeah_7
• Track 319 : Malisha_7
• Track 320 : LitninMcQueen_7, CheeseTouch_7, Holliday_7, Ecliptus_7, Kamaru_7, Budski_7, ODay_7, Phabuloso_7, ShawBrad_7
• Track 321 : Phistory_7
• Track 322 : Spooky_7
• Track 323 : Squiddly_8
• Track 324 : Keelan_37
• Track 325 : Ronaldo_42, Ziko_42, Guey18_44, Volt_41
• Track 326 : Fryberger_39
• Track 327 : Mercedes_7
• Track 328 : Anilorac_6, Agente005_7
• Track 329 : WildNOut_6, Stanktossa_6, ShaiHulud_6, TeddyBear_6, Duocatuli_6, Baines_6, Martin_7, Pherferi_6, Chako_6, Knox_6, Riyhil_6, Aubergine_6, Blage_6, KellyGreen_6, Phriends_6, Sedgewig_6, Ioannes_6, Clancy_6, Pocket_6, Exploradora_6, Shee_6, Merida02_6, Inventa_6, Alyxandracam_6, Figueroism_6, Vispistious_6, CoraRita_6, Phiderman_6, Delphidian_6, AxiPup_6, Convict_6, HankSprout_6, Papafritta_6, Janus167_6, Espinosa_6, Dothraki_6, Benjalauren_6, StirfryIV_6, Kurt1_6, Kouch_6, PuppyEggo_6, Velene_6, TinSulphur_6, MaeLinda_6, GoingMerry_6, Gargoyle_6, RosieMae_6, KannH_6, Tenda_6, Lovelyunicorn_6, Symere_6, Kale_6, Phireproof_6, Ilzat_6, ParleG_6, BeautPeep30_6, HanSolo_6, Gubbabump_6, MrWorldwide_6, Asta_6, NickSell_6, Greys_6, JasperRussell_6, OldNelly_6, TatarkaPM_6, Oats_6, AranulaLuti_6, MillyPhilly_6, Robinson_6, Thompsone_6, Rapheph_6, Gershwin_6, BonesMcCoy_6, Strathdee_6, Byron23_6, Den3_6, StingRay_6, SolidSnake_6, BigRedClifford_6, SoilGremlin_6, Jerbirus_6, Oxtober96_6, Winzigespinne_6, Rog141_6, Raptor_6, PhredFlintston_6, ManRay_6, Christoph_6
• Track 330 : Leafus_6
• Track 331 : Dave_6, Ludgate_6, Bandik_6, SJay_6, Teagan_6, Nagem_6, Renzie_6, Superfresh_6, Antoinette_6, Peep_6
• Track 332 : CarisSwetlik_8, McGalleon_7
• Track 333 : MonChoix_6
• Track 334 : JeriBeth_6, Erla_6, Calix_6, Bonino_6, Nattles_6, Garey24_6
• Track 335 : Etta_6, SonOfLevi_6, Klimt_6, Gelo_6, Chamuel_6
• Track 336 : KingJulien_6, Stormbreaker8_6, BeeBee8_7, Schnapsidee_6, Etna_6, Redfield_6, Peppino_6
• Track 337 : HungryHenry_6

• Track 338 : Acosta_7, JasonD_8
• Track 339 : PhillyPhantom_6, Soror1_6, Balsa_6, Hamlet_6, Raccoon_6
• Track 340 : Zada_6, AlexAdler_6
• Track 341 : Jenos_8
• Track 342 : HavenFinLeoSun_7
• Track 343 : Thorongil_6
• Track 344 : GardenB_6
• Track 345 : Endor_7, FarmerDoug_6
• Track 346 : GoneGirl_7
• Track 347 : Carostasia_6, Mandalorian_6, Nucci_6, Quartz_6
• Track 348 : YuuY_6
• Track 349 : HairyMan_6
• Track 350 : MiniVolent_6
• Track 351 : Juanyo_6
• Track 352 : Penta_8
• Track 353 : WestPM_8
• Track 354 : Kavo_8
• Track 355 : Scissor2024_9, Tinyman4_9, HerculesXL_9
• Track 356 : Schimmels22_9
• Track 357 : Ixel_8
• Track 358 : Shamu_6, Eleri_6, PSirce_6
• Track 359 : Phanita_6
• Track 360 : Xebius_5, Saratos_6, Andromedas_6, ColaCorta_6, Glamour_5
• Track 361 : ChikPic_6, MCubed_6, Zenitsu_6, Sansa_5
• Track 362 : Finny_6
• Track 363 : Pajaza_6
• Track 364 : Pikmin_6, Casey_6
• Track 365 : BouleyBill_6
• Track 366 : SirVictor_6, Guetzie_6
• Track 367 : RenegadeRaider_6
• Track 368 : Golden_6, Lucky3_6
• Track 369 : Bustleton_6, Pherbot_6
• Track 370 : Jingles_6
• Track 371 : Sinatra_6
• Track 372 : Kauala_6
• Track 373 : PrincePhergus_6
• Track 374 : Koji_6
• Track 375 : Clock_8
• Track 376 : Nebulous_8
• Track 377 : Zepp_9, QuadZero_8, Fulton_8, Zayuliv_8
• Track 378 : BaronJohn_8, GreenIvy_8
• Track 379 : LilTerminator_8, Wardwill_9, Hasitha_8
• Track 380 : Neferthena_8
• Track 381 : TwoBits_6
• Track 382 : Alakazam_9
• Track 383 : CaptainRex_8, Librie_8
• Track 384 : Chepli_8, Luna18_8, KatChan_8
• Track 385 : Morrigan_8
• Track 386 : Jemerald_8, Juicer_8
• Track 387 : WilliamStrong_6
• Track 388 : Theresita_7
• Track 389 : Schubert_7
• Track 390 : Cheeto1_7

• Track 391 : ChickenKing_6, GaeCeo_7
• Track 392 : Kingsley_7, Cerasum_7, Sarma624_7, Brookers_7, Alexphander_7, BigPhil_7, Velveteen_7
• Track 393 : Spikelee_7, Peridot_8, Beanstalk_7, DosHalletts_7, Starcevich_7, Beakin_7, Job42_7, Tchotchke_7, UncleRicky_7, Ramsey_7, OwlsT2W_7, SimranZ1_7, Emmaloid_7, Totinger_7, JalFarm20_7, Leozinho_7, Slim_7, Enby_7, Piper2020_7, Stap_7, Oksu_7, DaWorst_7, Lorde_7, RockyHorror_7, DirtMcgirt_7, Pollywog_7, Madiba_7, Rialto_7, Mova_7, LordVader_8, Quico_7, Tootsieroll_7, Bobi_7, Drago_7, BuzzLyseyear_7, Girafales_7, Marker_7, Boomer_7, Lucia_7, Awesomesauce_7, Coco12_7, LittleShirley_7
• Track 394 : MulchExplorer_8, Kimberlium_7, Juice456_7, Plumbus_7
• Track 395 : Hegedechwinu_7, Brushbloom_7, Flathead_7, Doomslug_8
• Track 396 : DocMcStuffins_7, ChickenDinner_7, TootsiePop_7, Misha28_7, Aloeri_7
• Track 397 : Mozy_7
• Track 398 : Frankie_7, Seagreen_7
• Track 399 : Cornucopia_7
• Track 400 : Ogopogo_8
• Track 401 : Soul22_7, Jabbawokkie_8, Yoshi_7, Demsculpinboyz_7, Zapner_8, Blarby_8, Che9d_7
• Track 402 : Avani_7, SilverChicken_7
• Track 403 : Squirty_7
• Track 404 : Constance_6, Henrique_6, LilyBell_6, GlobiWarming_6, Bridgette_6, PeggyLeg03_6, Karkharias_6, Judy_6, NidoQ_6, LittleRon_6, ChuckDuck_6, NikkiHotWheels_6
• Track 405 : Peas_6, Eileen_6, HotPotato_6
• Track 406 : KayMoney_6, Pucara_6
• Track 407 : FosterFrank_6
• Track 408 : CallinAllBarbz_6
• Track 409 : BaileyBlu_6
• Track 410 : Jankie_6, GrimEater_6
• Track 411 : Elfy_6
• Track 412 : MrSmee_6
• Track 413 : Hum25_6
• Track 414 : Merpity_7, Skitty_6
• Track 415 : Pitbull_6
• Track 416 : Ezurina_7
• Track 417 : Neuvillette_8, AnnabelLee_8, ChamoyPickle_8, Gerri43_8, ChipsNGuac_8, CardboardBox_8, Roberts_8
• Track 418 : Mireles_8
• Track 419 : TMaxx_8
• Track 420 : TripleC_11
• Track 421 : LastNadiia_11
• Track 422 : Agamotto_10
• Track 423 : Makima_9
• Track 424 : Studio_8
• Track 425 : Audell_11
• Track 426 : BruceB_7, Marmie_7, Phish_7, Jonghyun_7, Renaissance_7, Remy19_7, Hotshotbaby7_7, Crespo_7, Barkley26_7, Schiebel_7, Neoh_7, Jolene_7, Liefie_7, Kareem_7, Angel_7, DMoney_7, DNAIII_007, ECartman_7, Jane_7, AizenPogi_7, CLED96_7, Rattrick_7, Periodt_7, Mowgli_7, BPs_7, BQuat_7, Phreak_7, Aroostook_7, Ruriko_7, TomBrady_7, OctaviousRex_7, Hope_7, Avrafan_7, DingDing_7, PinkYoshi_7, Gomashi_7, Phloodle_7, Sizemore_7, Jeilious_7, Cedasite_7, Olga_7, Richarlison_7, LouisV14_7, Gideon_7, JorRay_7,

MZKinsey_7, Coleslaw_7, Peeb_7, Maliketh_7, Cherrybomb426_7, AzulaCat_7, Grizzly_7, Camri_7, Kasen3_7, Wendigo_7, Darionha_7, Zombie_7, GoldenAsh_7, Frosty24_7, ZoMa_7, Plagueis_7, CassieYates_7, ShaboiShabazz_7, Annihilator_7, Chance64_7
• Track 427 : Paito_7
• Track 428 : Taheera_7, Terror_7
• Track 429 : Rabbs_7, Sneeze_7
• Track 430 : TinaBug_7, Sweets_7, Halo_7
• Track 431 : Cambiare_8, Avocado_7
• Track 432 : Pace1224_7, FlagStaff_7
• Track 433 : GodSpeed_7
• Track 434 : Cloudyecho_7, Pinnie_8
• Track 435 : MOOREtheMARYer_7
• Track 436 : Mercurio_8
• Track 437 : Lemuria_7
• Track 438 : Jolie2_7
• Track 439 : YangYin_7
• Track 440 : Stargaze_7
• Track 441 : Antsirabe_7
• Track 442 : CrimD_13, TreyKay_13, Megsy_13, Prithvi_13, Pisa1_12, LindNT_13, Pisa4_12, TaiwanKao_13
• Track 443 : CREW_13, Tachez_13, Deby_13, Durfee_13, Ramen_13, Jarvi_13, Hyperbowlee_13, CaseJules_13, Tiri_13, Apocalypse_13, Topper_13, TruffulaTree_13, ShiaSurprise_13, Ganymede_13, Rosmarinus_13, Peel_13, Clipper_13, Adephagia_13, Piatt_13, QuincyRose_12, Emerson_13, Asayake_13, MacKat_13, ActinUp_13, JAWS_13, BEEST_13, HedwigODU_13, Dalmuri_13, Jeckyll_13, Veliki_13, Belladonna_13, Inky_13, AlishaPH_13, Homura_13, YoureAdopted_12, Padpat_13, Blizzard_13, Adonis_13, Sulley_13, Angelica_13, Mynx_13, Atiba_13, Zavala_13, Capricorn_13, Lunahalos_13, Rapunzel97_13, BGlluviae_13, Slimphazie_13, Pokerus_12, Twitch_13, Llorens_13, Jayhawk_13, Padfoot_13, MeaningOfLife_13
• Track 444 : BaghaKamala_13, CheetoDust_13, Joy99_13
• Track 445 : MarkPhew_12
• Track 446 : Enkosi_9, Nikao_9, Amelie_9, Teejan_9, Torres_9, Nutello_9, Mdavu_9, LilPharaoh_9, Trice_9, Biglebops_9, SgtBeansprout_9
• Track 447 : Illumine_13, Dole_13
• Track 448 : Efra2_13, Guanica15_13, Yunkel11_13
• Track 449 : BarrelRoll_13, Boiiii_13
• Track 450 : LeMond_12, KiSi_12
• Track 451 : Scarlett_12, Oscar_12
• Track 452 : Ageofdapage_13
• Track 453 : Chavito_13
• Track 454 : Chris_12
• Track 455 : Stinson_13, LaterM_13, Murucutumbu_13
• Track 456 : CallaLilly_13, Geraldini_13, Beezoo_13
• Track 457 : Zabiza_13
• Track 458 : Shaobing_13, Niklas_13, Peanam_13
• Track 459 : Devera_13
• Track 460 : Validus_13
• Track 461 : Richo_13, Dartin_13, McMater_13
• Track 462 : TingHuaYa_13, LastHope_13
• Track 463 : Curiosium_14

• Track 464 : DrHayes_13, DartGoblin_13, Anma_13, SamuelLPlaqson_13, Bella96_13, Urkel_13, TiniBug_13
• Track 465 : Nibb_12
• Track 466 : Bern_13
• Track 467 : Spock_13
• Track 468 : Anaya_14
• Track 469 : Findley_9, Milly_9
• Track 470 : BoostSeason_9, Doughnut_9, Mufasa_9
• Track 471 : TM4_9
• Track 472 : DismalStressor_9, Strobilo_9, DismalFunk_9, Marcoliusprime_9
• Track 473 : ZoeJ_9
• Track 474 : Pixie_12, TBond007_12, Lea83_12, ShedlockHolmes_12
• Track 475 : TribleTrouble_11
• Track 476 : Neighly_11, Dadosky_11, Edugator_10, Psycho_11, Larva_11
• Track 477 : MacnCheese_13
• Track 478 : Hurricane_12
• Track 479 : Pharb_12
• Track 480 : Keshu_12
• Track 481 : OmniCritical_14, DanSyl44_14, Mitti_14, Cheetobro_14, Qhanda_14, Slarp_14, Taquito_12, SamScheppers_12, Lebo14_14, Fionnbharth_14, Wintermute_14, Chancellor_14
• Track 482 : Juliette_14, Ruthiejr_13, Eponine_14
• Track 483 : Malthus_14, Kraw_14
• Track 484 : Reptar3000_14, Patt_14, Bobquesha_14, MissDaisy_14
• Track 485 : Y2_14, Y10_14, JF1_14
• Track 486 : YasnayaPolyana_14
• Track 487 : Omnicron_11
• Track 488 : InvictusManeo_11, Agent47_11, LilDirt_10, Collard_11, DoubleChamp_11, ViviJ_10, Kratio_10, BananenDer11_11
• Track 489 : SoSeph_11, Heftyboy_11, Leston_11, Gengar_11, Guillsminger_11, Paola_11
• Track 490 : Miryou_11, Feyre_11, OkiRoe_11, Waterfoul_11, Thyatira_11
• Track 491 : AlleyCat_11
• Track 492 : Rando14_11
• Track 493 : Ekdilam_10
• Track 494 : Ellie_10, Applecrisp_11
• Track 495 : TClif_12
• Track 496 : Ximenita_13
• Track 497 : Unicorn_12, PhelpsODU_12
• Track 498 : Amohnition_12, Hammy_12, DarthP_12
• Track 499 : Cain_12, Phrank_12, Bryler_12, Shadow1_11, Sunflower1121_11
• Track 500 : Marshawn_14
• Track 501 : Syra333_12
• Track 502 : Yuna_13
• Track 503 : Krueger_12, Tigress9_12
• Track 504 : Lavahound_11
• Track 505 : November_11
• Track 506 : Amgine_11
• Track 507 : Fefferhead_12
• Track 508 : Tierra_12
• Track 509 : SirPhilip_12
• Track 510 : Aminay_11
• Track 511 : Boilgate_10

• Track 512 : Spartoi_6
• Track 513 : DS6A_11
• Track 514 : P3MA_7
• Track 515 : ArV2_06
• Track 516 : Tailonex_13

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

The start number called the most often in the published annotations is 8, it was called in 530 of the 1525 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• 20ES_16, 40AC_19, A6_13, AFIS_15, AN3_16, AN9_19, ANI8_19, AbbyPaige_18, AbbysRanger_15, Abbyshoes_16, Abdiel_15, Abrogate_160, Achebe_15, Acme_17, Acolyte_16, Adahisdi_16, Adzzy_17, Aeneas_17, Agaliana_15, Agape74_18, Ajay_15, Albee_15, Alberto7_16, Aldrich_16, Aliter_17, Alma_17, Alsfro_19, Altman_16, Alvin_16, Anaysia_18, Anglerfish_16, AnnaL29_19, Annyong_15, Anon_16, Anselm_16, Anthony_15, Applejack_15, Arcanine_16, ArcherNM_18, Arissanae_15, Arlo_14, Arturo_14, Ashballer_14, Atkinbua_16, AvatarAhPeg_15, Avle17_15, Ayanochan_18, BK1_13, BPBiebs31_16, Baby16_15, BabyBack_18, Backyardigan_15, BaconJack_17, Bactobuster_17, Badger_15, Baehexic_17, BangNhom_14, Barriga_15, BarrowTuph_14, Bartimeaus_15, Battleship_19, Beatrix_14, Beemo_17, BeesKnees_16, Bellris_14, BellusTerra_15, BengiVuitton_17, Benvolio_16, Bethlehem_15, Bexan_14, BiancaTri92_18, Big3_15, BigMau_17, BigPaolini_16, Bigchungi_15, Bigfoot_14, Bircsak_15, Blackflame_15, Blackmoor_15, Blesser_15, BluSpix_15, Blue_15, Bob3_14, BogosyJay_17, Bombshell_15, Bones_15, Boohoo_18, Bradman_15, Briton15_17, Broseidon_15, Bruiser_15, Bruns_14, BubbleTrouble_15, Bugsy_18, Bumblebee11_15, Burger_14, Burton_16, Buttons_16, C3_14, CRB1_16, CactusRose_14, Caelakin_15, Camperdownii_14, Caraxes_15, Carlyle_17, CartmannCramer_15, CatBus_16, Catalina_17, Celestialunch_16, Centaur_18, CentreCat_15, Cerulean_15, ChampagnePapi_15, Chanagan_14, Changeling_19, Chaph_15, Charm_16, Che12_17, ChipMunk_18, ChristmasHams_15, Chupacabra_15, Ciao_15, Cici_15, Cindaradix_14, Cintron_15, Citius_15, Clarenza_15, Cocoaberry_15, CogOmlette_14, Commander_15, ConceptII_15, Connomayer_15, Conquerage_17, Corvo_15, Crispicous1_14, Crucio_16, Cueylyss_15, DD5_16, Dalmatian_16, Darrell_18, DarthPhader_17, Datway_15, Deano_15, DeerParkTS_17, DekHockey33_18, Deloris_17, Dexes_16, Dhanush_15, Dignity_18, DirtDevil_16, DirtyDunning_15, DontArgue_14, Doom_15, DrFeelGood_14, Drake55_18, Drake94_14, DreamCatcher_18, DreamTeam1_16, Dreamboat_16, DroogsArmy_16, Druantia_15, DudeLittle_16, Dulcie_14, Dussy_16, DustyMartin_18, Dynamix_16, EZMoney23_20, EagleEye_18, Eagle_14, Eaglepride_16, Eapen_15, Echild_16, Edison31_15, EdogawaKiddo_15, Edtherson_16, Eidsmoe_17, Elephantoon_17, Elle_16, EmyBug_17, EnzoK_16, Epsocamisio_18, Equemioh13_18, Eris_15, Eros_15, Espresso_15, Euphoria_15, Eurydice_15, EvilGenius_18, ExplosioNervosa_17, Eyeball_15, Fajezeel_17, Fameo_16, Fascinus_14, FatCactus_14, Fayely_17, Fenn_16, FiringLine_16, First_0016, Flare16_16, Florean_15, Flux_15, ForesterFrank_17, Forsytheast_14, Francis47_15, Froghopper_16, Funston_15, Fushigi_16, GMonster_14, Gachnar_15, Gadost_15, GageAP_17, Gandalf20_16, Georgie2_17, Gompeii16_15, Goose_15, Graduation_17, Gratitude_17, GrecoEtereo_16, Greg_17, GroundGoblin_16,

Gwendoluna_17, Gyzlar_17, HINdeR_15, HamSlice_14, Hami1_17, HanShotFirst_15, Hanray_16, Happiness_15, HarryHoudini_18, HarryOW_16, Heffalump_18, Hermia_17, HermioneGrange_15, HippoHollow_17, Holex_16, Holli_15, Homines_15, Hope4ever_15, HortumSL17_17, Houdini22_15, Huxley_15, ICleared_15, ILeeKay_17, Iceman_15, Ichabod_16, IgnatiusPatJac_14, Inyanga_14, Iqorha_14, Iracema64_15, IronMan_18, Iwokeuplikedis_16, JC27_17, JSwag_18, Jaan_19, JackSparrow_16, Jasper_16, Jaykayelowell_15, Jerm2_16, Jerm_18, JetBlade_15, Jiawan_16, JoongJeon_15, Jorgensen_15, JoshKayV_18, Journey13_14, Jsquared_15, JuliaChild_17, KBG_16, KFPoly_15, KSSJEB_15, Kalpine_19, Kampy_15, Kanely_16, Katalie136_15, KatherineG_18, KekoraPapaka_14, Kenmech_18, Keziacharles14_15, KikiBouba_16, Killigrew_13, Kimona_12, KingCyrus_18, Kingmustik0402_15, KittenMittens_14, Klodlith_16, Koan_15, Koreni_14, Kratark_15, Kremtemulon_15, Kristoff_16, KyMonks1A_17, Kyee_15, LHTSCC_15, LadyBird_16, Lamina13_15, Landor_17, LappelDuVide_15, Larenn_17, LastResort_18, Lemur_15, LeoAvram_15, Leogania_18, Lesedi_14, Levia_15, Leviathan_18, Licorice_17, LilBib_16, LilTurb_18, Lilleskat_15, LionsBait_17, LittleB_15, LittleGuy_15, LochMonster_15, Lockley_15, LoneWolf_17, Looper_19, Lopton_16, Lorenzo_15, Loser_19, Lucyedi_17, LunarLander_15, Lunsford_16, MPlant7149_14, Magnar_15, Magnito_14, MajorMajor_15, Makemake_15, Malec_17, Maminiaina_17, Manatee_16, Marcell_15, Marchy_14, Marco3_15, Marge_16, Maroc7_14, Marsha_15, MaryBeth_15, Maverick_15, Maxo_15, Mayonnaise_15, Mazhar510_15, McGuire_16, McSinger_16, Medusa_15, MeeZee_15, MegTheThird_15, Melvin_15, MetalQZJ_15, Michley_15, MiculUcigas_16, MilleFeuille_12, Millski_15, MinecraftSteve_19, Minispark_14, Miramae_15, MissWhite_16, Mkhuseli_16, Molly_16, Monet_17, Moose_14, Morpher26_15, Morrow_15, MrGordo_15, Mryolo_14, Mule_15, Mundrea_15, Museum_17, Myxus_17, NEHalo_15, NaSiaTalie_16, Naira_16, Nebs_15, Nebulosus_18, Nedarya_17, Nemo27_15, Nerujay_16, Nhonho_15, NicoleTera_20, Niza_17, Noelle_15, NorthStar_15, Norz_17, NotAPhaseMom_15, NothingSpecial_18, Noxious_16, Nyxis_15, OKCentral2016_15, OKaNui_15, Obama12_15, Odin_15, Ohfah_15, Ohno789_15, Onglai_16, Oofda_18, Oogway_14, PSullivan_17, PacerPaul_15, PackMan_17, PainterBoy_17, Palestino_15, Papez_17, Paphu_14, Paraselene_14, Pari_16, Parliament_14, PascalRango_14, PattyP_17, Payneful_15, PeaceMeal1_14, Peaches_15, Pelly_16, Pepe_16, Perplexer_15, Perseus_16, PeterPeter_15, Peterson_18, PetiteSangsue_15, Petp2012_17, Petruchio_15, Ph8s_17, Phacado_15, Phaded_19, Phaeder_17, Pharaoh_16, Phelipe_15, PherrisBueller_16, Phighter1804_15, PhineBark_14, Phlippers_14, Phonnegut_17, Phontbonne_15, PhrostyMug_15, PinkPlastic_14, Pinto_17, Pioneer_17, Pipcraft_15, Pippin_17, Piro94_17, Pita2_17, Polymorphads_15, Poompha_14, PowerRanger_15, Power_16, Priya_17, ProMouse_14, Prudy_18, Pukovnik_18, Pumbaa_15, Puppet_15, QTRlifeCrisis_15, Qobbit_17, QueenB2_16, QueenBeesly_16, Quokka_14, Rahalelujah_15, Raid_16, Rajelicia_15, Ravana_19, ReMo_18, Rebeuca_16, RedRock_19, Refuge_19, Relief_15, Remus_18, Retro23_16, RhynO_16, Rhynn_15, RidgeCB_15, Ringer_15, RockieBear_14, Rohr_16, Romney_15, Roosevelt_15, Rosa24_14, Rosalind_18, Rowdy_18, Rubeus_16, Rufus_16, Ruin_15, Ruotula_14, Rutherferd_17, RyeScarlet_18, STLscum_16, Sabertooth_15, Sachima_15, Sagefire_16, Sandaddy_14, Sanya_14, SarFire_15, Scamp_15, Scherzo_17, Scowl_16, Seabiscuit_17, Seanderson_16, SemperFi_18, SenorClean_15, Serenity_15, Severus_14, Shaka_15, Shapes_18, ShayRa_19, SheaKeira_16, SheldonCooper_15, ShortQueendom_14, Shygu2_15, Sibs6_17, SkiPole_17, Skipitt_15, Sknot_16, Slagathor_16, Smairt_16, Smeagan_18, Smeagol_16, SnapTap_16, Snazzy_13, Solon_15, Sorpresa_15, Soups_18, Sparxx_15, SpikeBT_17, Spino_15, Spouty_17, Squee_16, Stasia_16, SteMason_14,

Steamy_17, StewieG_14, Stink_15, StrongArm_14, Strosahl_18, Sultana_15, Sumter_14, Sunshine924_14, Superchunk_15, SweetiePie_16, SwirlSquare_17, SwissCheese_15, Switzer_16, Switzerland_18, Swole_17, Taquarus_15, TarsusIV_16, Tasp14_16, Teodoridan_13, Terrific_20, Thanksgivukkah_15, TheloniousMonk_17, Thor_15, Timshel_16, TinaFeyge_15, Tinybot_14, TipsytheTRex_15, TiroTheta9_15, Toaka_15, Topanga_15, Topgun_15, Tote_17, Traft412_17, Treddle_17, Trike_13, Tripl3t_16, Tristan_17, Trixie_19, Trooper_16, Trouble_15, TroyPia_15, Tubs_17, Turbido_18, Turj99_14, Twister_15, TwoPeat_16, TygerBlood_15, U2_15, Ugenie5_14, Ulysses_14, Updawg_18, VA6_16, VC3_19, Vanisoa_15, Violet_14, Waits_18, WalterMcMickey_15, Wander_15, Warrior24_18, Watermelon_17, WeiHuaDA_22, Whabigail7_18, Wheeler_15, WideWale_18, Wilbur_15, Wile_15, Wilkins_15, Wizard007_15, WorldCup_14, Xena_15, Yecey3_16, YoSam321_15, Zeeculate_14, Zephyr_15, Zeuska_16, Zimmer_18,

Genes that have the "Most Annotated" start but do not call it:
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Genes that do not have the "Most Annotated" start:
• 8UZL_9, ACFishhook_17, ATCC29399BC_6, ATCC29399BT_6, AbbyDaisy_7, Acosta_7, ActinUp_13, Adephagia_13, Adonis_13, Agamotto_10, Agatha_8, Agent47_11, AgentM_13, Agente005_7, Ageofdapage_13, Aglet_17, AgronaGT15_17, AikoCarson_7, Airmid_13, AizenPogi_7, Alakazam_9, Alatin_12, AlexAdler_6, Alexphander_7, AlishaPH_13, AlleyCat_11, Aloeri_7, Alpacados_11, Alyxandracam_6, Amelie_9, Amgine_11, Aminay_11, Amohnition_12, Amok_7, Anaya_14, AndPeggy_7, Andromedas_6, Aneem_16, Angel_7, Angelica_13, AngryOrchard_11, Anilorac_6, Anma_13, AnnabelLee_8, Annihilator_7, Antoinette_6, Antsirabe_7, Anubis_19, Apocalypse_13, AppleCloud_10, Applecrisp_11, Aquarius_6, ArV2_06, Aragog_13, AranulaLuti_6, Archetta_13, Aroostook_7, Artemis2UCLA_19, Asapag_7, Asayake_13, Asta_6, Astro_13, Atiba_13, Attacne_6, Aubergine_6, Audell_11, AugsMagnumOpus_19, Avani_7, Avocado_7, Avrafan_7, Awesomesauce_7, AxiPup_6, Axym_8, Azira_10, AzulaCat_7, B1_13, BABullseye_19, BEEST_13, BENtherdunthat_7, BGlluviae_13, BPs_7, BQuat_7, BabyJohn_14, BabyRay_15, Bachome_16, BaghaKamala_13, BaileyBlu_6, Baines_6, Balloona_7, Balsa_6, BananenDer11_11, Bandik_6, Barkley26_7, BaronJohn_8, BarrelRoll_13, Bavilard_8, Beakin_7, Beanstalk_7, BeautPeep30_6, Beauxregard13_17, BeeBee8_7, Beezoo_13, Belenaria_12, Bella96_13, Belladonna_13, Benedict_13, Benjalauren_6, BennyP_19, Bern_13, BigChungus_7, BigPhil_7, BigRedClifford_6, Bigflo_17, Biglebops_9, BillDoor_10, BillKnuckles_16, Biskit_9, Blage_6, Blarby_8, BlessJoy_19, Blinn1_19, Blizzard_13, Blondies_9, Blue7_19, BlueBird_16, Bluefalcon_12, BobSwaget_19, BobbyDazzler_12, Bobi_7, Bobquesha_14, Boiiii_13, Boilgate_10, Bonamassa_13, Bonanza_12, BonesMcCoy_6, Bonino_6, Boomer_7, BoostSeason_9, BotCity_7, BouleyBill_6, Bowtie_16, Bradshaw_12, BreSam8_17, Bridgette_6, Brookers_7, BruceB_7, BruceLethal_6, Brushbloom_7, Bryce_12, Bryler_12, Bubble_8, Bud_16, Budski_7, Bugatti_15, Burnsey_8, Bustleton_6, Button_9, Buttrmlkdreams_8, BuzzBuzz_16, BuzzLyseyear_7, Bxb1_14, Bxz2_17, Byron23_6, CLED96_7, CREW_13, Cain_12, Caitlin_12, Calix_6, CallaLilly_13, CallinAllBarbz_6, Calvinny_18, Cambiare_8, Camri_7, Candra_19, CanesSauce_8, Capricorn_13, CaptainRex_8, CaramelLatte_8, CardboardBox_8, CarisSwetlik_8, Carostasia_6, Carsonalex_9, CaseJules_13, Casey_6, CassieYates_7, Caviar_16, Cedasite_7, Cerasum_7, Chadwick_14, Chako_6, ChamoyPickle_8, Chamuel_6, Chance64_7, Chancellor_14, Chargerpower_16, Chartreuse_19, Chavito_13, Che9d_7, CheeseTouch_7, Cheeto1_7, CheetoDust_13, Cheetobro_14, Chepli_8, Cherrybomb426_7,

CherryonLim_9, ChickenDinner_7, ChickenKing_6, ChickenTender_10, ChikPic_6, ChipsNGuac_8, Chiqui_14, ChocoMunchkin_8, Chris_12, Christoph_6, ChuckDuck_6, Clammy_15, Clancy_6, Cleo_8, Clipper_13, Clock_8, CloudWang3_19, Cloudyecho_7, ClownCar_18, Coco12_7, CocoaPuff_7, ColaCorta_6, Colbster_17, Coleslaw_7, Colin_20, Collard_11, Conspiracy_13, Constance_6, Convict_6, Coog_13, Cookiedough_19, CoraRita_6, Cornucopia_7, CosmicSans_12, Cota_6, Cozz_8, Crespo_7, CrimD_13, Croquant_18, Cuco_13, Cullens_17, Curiosium_14, D29_17, D32_19, DBQu4n_19, DMoney_7, DNAIII_007, DS6A_11, DaHudson_17, DaVinci_19, DaWorst_7, Dadosky_11, Daishi_16, Dalmuri_13, DanSyl44_14, Danforth_12, Darionha_7, DartGoblin_13, DarthP_12, Dartin_13, Dave_6, Deby_13, Delphidian_6, DelvinSonDorr_18, Demsculpinboyz_7, Den3_6, Devera_13, Dieselweasel_17, DingDing_7, Dinger_12, DirtMcgirt_7, Discoknowium_13, DismalFunk_9, DismalStressor_9, Dixon_13, DocMcStuffins_7, Dole_13, Doomslug_8, Dorothea_19, DosHalletts_7, Dothraki_6, DoubleChamp_11, Doughnut_9, DrHayes_13, DrParker_6, Drago_7, Dre3_8, DropBear_15, Dublin_12, Duocatuli_6, Duplo_19, Durfee_13, ECartman_7, Ebony_16, Ecliptus_7, Edugator_10, Efra2_13, Eileen_6, Ekdilam_10, ElJefes_7, ElTiger69_13, Eleri_6, Elfy_6, Elinal_9, Eliott_8, Ellie_10, Emalyn_7, Emerson_13, Emmaloid_7, Enby_7, Endor_7, Enkosi_9, Enochoraptor_6, Enoki_6, EpicPhail_17, Eponine_14, EricB_19, Erik_12, Erla_6, Espica_12, Espinosa_6, Et2Brutus_15, Etna_6, EtoileNova_16, Etta_6, Expelliarmus_12, Exploradora_6, Ezurina_7, FF47_09, Farber_17, Farewell_6, FarmerDoug_6, Feastonyeet_7, Fefferhead_12, Fernando_17, Feyre_11, Fibonacci_16, Figueroism_6, Findley_9, Finny_6, Fionnbharth_14, FlagStaff_7, Flathead_7, Flaverint_16, Florence1_13, Florence4_14, FlyCatcher_19, ForGetIt_13, FosterFrank_6, Frankie_7, Fred313_15, Fribs8_9, Frickyeah_7, Frosty24_7, Fryberger_39, Fulton_8, GTE2_06, GaeCeo_7, Gail_15, Ganymede_13, Garak_20, GardenB_6, Garey24_6, Gargoyle_6, GaugeLDP_18, Gelo_6, Gemma_17, Gengar_11, George_12, Geraldini_13, Gerri43_8, Gershwin_6, Getalong_7, Ghoulboy_13, GiKK_11, Gibbous_8, Gideon_7, Gilberta_16, GingkoMaracino_17, Girafales_7, Giroux_16, Gladiator_19, Glamour_5, GlobiWarming_6, GodSpeed_7, GoingMerry_6, GoldHunter_9, GoldenAsh_7, Golden_6, Gollum_12, Gomashi_7, GoneGirl_7, GreedyLawyer_19, GreenIvy_8, Greys_6, Grif_17, GrimEater_6, Grizzly_7, Groundhog_12, Groupthink_18, Grub_17, Grum1_17, Gruunaga_19, GtownJaz_17, Guanica15_13, Gubbabump_6, Guetzie_6, Guey18_44, Guillsminger_11, Gwennie_16, HairyMan_6, Halo_7, Hamlet_6, Hammer_19, Hammy_12, HanSolo_6, HankSprout_6, Harlequin_12, HashRod_18, Hasitha_8, HaveUMetTed_18, HavenFinLeoSun_7, Heathen_15, HedwigODU_13, Heftyboy_11, Hegedechwinu_7, HelDan_15, Heliosoles_17, Helmet_19, Henrique_6, Herbertwm_14, Hercules11_17, HerculesXL_9, Hexamo_19, Hexbug_10, HippoPololi_10, Hiro_12, Holliday_7, Homura_13, Hookmount_16, Hoot_19, Hope_7, Horseradish_9, Horus_7, HotPotato_6, Hotshotbaby7_7, HuhtaEnerson15_13, Hum25_6, HungryHenry_6, Hurricane_12, Hutc2_16, Hyperbowlee_13, IdentityCrisis_7, Idleandcovert_15, Illumine_13, Ilzat_6, Indra_19, Inky_13, Insomnia_16, Inventa_6, InvictusManeo_11, Ioannes_6, Isca_15, Isiphiwo_19, Ixel_8, JAWS_13, JF1_14, JF2_15, JF4_15, JHC117_17, Jabbawokkie_8, Jabiru_13, Jabith_16, JacoRen57_6, JalFarm20_7, Jamzy_11, Jane_7, Jankie_6, Janus167_6, Jarvi_13, JasonD_8, JasperRussell_6, Jayhawk_13, Jeckyll_13, Jeeves_15, Jeffabunny_19, Jeilious_7, Jemerald_8, JenCasNa_17, Jenos_8, JeppNRM_18, Jerbirus_6, JeriBeth_6, Jester_12, JewelBug_19, Jingles_6, Job42_7, Jobu08_17, Jolene_7, Jolie2_7, Jonghyun_7, JorRay_7, Jordennis_19, Joselito_16, Jovo_13, Joy99_13, Juanyo_6, Judy_6, Juice456_7, Juicer_8, Juliette_14, KADY_18, Kachowdy_15, Kalb97_18, Kale_6, Kalnoky_18, Kamaru_7, KannH_6, Kareem_7, Karkharias_6, Kasen3_7, KatChan_8, Kauala_6, Kavo_8, KayGee_8, KayMoney_6,

Kazan_19, Keelan_37, Keiki_6, KellyGreen_6, Kenna_7, Kerberos_19, Keshu_12, KiSi_12, Kimba_16, Kimberlium_7, KingJulien_6, Kingsley_7, Kinmap_15, Kipper29_19, Klimt_6, Knox_6, Koduck_17, Koji_6, Koko_19, Kouch_6, Kratio_10, Kraw_14, Krishelle_12, Krueger_12, Kubed_6, Kugel_16, Kurt1_6, Kykar_13, L5_17, LBerry_17, Lambert1_16, LarryKay_17, Larva_11, LastHope_13, LastNadiia_11, LaterM_13, Lauchelly_6, Lauer_7, Lavahound_11, LeMond_12, Lea83_12, Leafus_6, Lebo14_14, Lemuria_7, Leozinho_7, Leroy_7, Leston_11, Lev2_13, Leviosa_6, Librie_8, Liefie_7, LilBandit_6, LilDirt_10, LilPharaoh_9, LilTerminator_8, Lilbunny_19, Lilith_17, Lillie_12, LilyBell_6, LindNT_13, LitninMcQueen_7, LittleCherry_13, LittleRon_6, LittleShirley_7, Llorens_13, Lokk_19, LongHai_10, LordVader_8, Lorde_7, Louie6_17, LouisV14_7, Lovelyunicorn_6, Lowa_17, Luchador_16, Lucia_7, Lucivia_16, Lucky10_6, Lucky3_6, Ludgate_6, LugYA_19, Luna18_8, Lunahalos_13, Lutum_7, MA5_15, MAnor_8, MCubed_6, MEAK_6, MK4_15, MOOREtheMARYer_7, MScarn_10, MZKinsey_7, MaCh_16, MaVan_10, Mabel_16, MacKat_13, MacnCheese_13, Maco6_7, MadMarie_17, Madiba_7, MaeLinda_6, Mainiac_17, Makima_9, Maliketh_7, Malinsilva_19, Malisha_7, Malthus_14, ManRay_6, Mandalorian_6, Manu_18, MarQuardt_17, Marchesa_15, Marcoliusprime_9, Margaret_11, Margo_16, Marie_17, Marius_18, MarkPhew_12, Marker_7, Marmie_7, Marshawn_14, Martin_7, MarysWell_12, Mayweather_9, McDazzle_7, McFly_19, McGalleon_7, McMater_13, Mdavu_9, MeaningOfLife_13, Megsy_13, Mercedes_7, Mercurio_8, Merida02_6, Merpity_7, Methuselah_17, Micasa_13, Microwolf_17, Midas2_13, Miko_19, Milcery_13, MillyPhilly_6, Milly_9, MiniVolent_6, Mireles_8, Miryou_11, Misha28_7, Misomonster_19, MissDaisy_14, Mitti_14, MonChoix_6, MoneyMay_17, Montavir_16, Morkie_6, Morrigan_8, Mova_7, Mowgli_7, Moyashi_6, Mozy_7, MrAK_6, MrSmee_6, MrWorldwide_6, MuchMore_19, Muddy_9, Mufasa_9, MulchExplorer_8, Mulciber_16, Munch_16, MunkgeeRoachy_8, Murucutumbu_13, Mynx_13, MyraDee_13, Naca_13, Nagem_6, Naiad_12, Naji_19, Nancinator_12, Natosaleda_12, Nattles_6, NearlyHeadless_13, Nebulous_8, Neeharika16_19, Neferthena_8, Neighly_11, Neoh_7, Neuvillette_8, Newrala_19, Nibb_12, Nibbles_10, NickSell_6, NidoQ_6, Nikao_9, NikkiHotWheels_6, Niklas_13, Nina_9, NoShow_7, Nodigi_10, Noella_16, Norbert_15, November_11, Nucci_6, Nutello_9, ODay_7, Oats_6, OctaviousRex_7, Ogopogo_8, OkiRoe_11, Oksu_7, OlanP_17, OldNelly_6, Olga_7, Ollie_17, OmniCritical_14, Omnicron_11, Orange_16, Orla_10, Oscar_12, Ouroboros_6, OwlsT2W_7, Oxtober96_6, P1.1_6, P100.1_6, P100A_6, P100D_6, P101A_6, P104A_6, P104B_6, P105_6, P106A_6, P106C_6, P106I_6, P106L_6, P106M_6, P107A_6, P107C_6, P108C_6, P14.4_6, P28Green_17, P3MA_7, P9.1_6, PA6_6, PAD20_6, PAS50_6, PGHhamlin_19, PHL010M04_06, PHL037M02_06, PHL060L00_06, PHL067M10_06, PHL071N05_06, PHL111M01_06, PHL112N00_06, PHL113M01_06, PHL114L00_06, PP_25, PSirce_6, Pace1224_7, Padfoot_13, Padpat_13, Paito_7, Pajaza_6, Panamaxus_16, Paola_11, Papafritta_6, ParleG_6, Partridge_12, Patt_14, Pawn_17, Peanam_13, Peas_6, Peeb_7, Peel_13, Peep_6, PeggyLeg03_6, Pembroke_17, Penny1_17, Penta_8, Peppino_6, Peridot_8, Periodt_7, Periwinkle_7, Petersenfast_15, PetterN_14, Phabuloso_7, PhailMary_11, Phanita_6, Phantastic_15, Pharb_12, PhelpsODU_12, Pherbot_6, Pherferi_6, Phiderman_6, Phillis_13, PhillyPhantom_6, Phireproof_6, PhishRPhriends_16, Phish_7, Phistory_7, Phlei_12, Phloodle_7, Phlorence_13, Phoebe_17, PhorbesPhlower_6, Phoxy_17, Phrank_12, Phrankenstein_12, Phranny_18, Phreak_7, PhredFlintston_6, Phriends_6, Piatt_13, PickleBack_13, Pikmin_6, PinkYoshi_7, Pinnie_8, Piper2020_7, Pirate_6, Pisa1_12, Pisa4_12, Pistachio_16, Pitbull_6, Pixie_12, Plagueis_7, Plumbus_7, Pmask_19, Pocahontas_16, Pocket_6, Pokerus_12, Pollywog_7, Polyphemus_19, Pomar16_19, Pons_8, Popcicle_16, PotPie_8, PotatoSplit_18, Priamo_19, Prinashe11_14, PrincePhergus_6, Prithvi_13,

Procrass1_6, PsychoKiller_8, Psycho_11, Pucara_6, PuppyEggo_6, Puppy_16, PurpleHaze_17, Qhanda_14, QuadZero_8, Quartz_6, Quasar_8, QueenBey_6, Quico_7, QuincyRose_12, QuinnKiro_15, RADical_9, RER2_5, RGL3_5, RSchmailzl_9, Rabbs_7, Raccoon_6, Rachaly_19, Ramen_13, Ramsey_7, RanchParmCat_11, Rando14_11, Rapheph_6, Raptor_6, Rapunzel97_13, Raqqa_7, Rasputin_12, Rattrick_7, Reba_18, RedBaron_9, Redfield_6, Remy19_7, Renaissance_7, RenegadeRaider_6, Renzie_6, Reptar3000_14, ResDef_16, RexFury_12, Rhodalysa_12, Rialto_7, Richarlison_7, Richo_13, Rifter_19, Rileysaurus_6, Riyhil_6, Roary_13, Roberts_8, Robinson_6, Rockstar_15, RockyHorror_7, Rog141_6, Roimos_15, Roksolana_19, Ronaldo_42, RosieMae_6, Rosmarinus_13, Rummer_17, Ruriko_7, Ruthiejr_13, SJay_6, SKKY_6, Sabia_17, Sabinator_17, Saintus_13, Salvus_10, Salz_16, SamScheppers_12, SamuelLPlaqson_13, Sansa_5, Saratos_6, Sarma624_7, Saskia_15, SaturnRing_15, Scarlett_12, Schiebel_7, Schimmels22_9, Schnapsidee_6, Schubert_7, Scissor2024_9, Scorpia_14, Scout_15, Seagreen_7, Sedgewig_6, SgtBeansprout_9, ShaboiShabazz_7, Shadow1_11, ShaiHulud_6, Sham4_16, Shamu_6, Shaobing_13, ShawBrad_7, SheckWes_7, ShedlockHolmes_12, Shee_6, Sheen_17, ShiaSurprise_13, Shuman_12, SilverChicken_7, SimranZ1_7, Sinatra_6, SirPhilip_12, SirVictor_6, Sizemore_7, SketchMex_7, Skitty_6, Slarp_14, Slim_7, Slimphazie_13, Smeadley_13, SmellyB_19, Snape_16, Sneeze_7, Snickers_17, SoSeph_11, SoYo_17, Socotra_9, SoilDragon_17, SoilGremlin_6, SolidSnake_6, Solid_6, SonOfLevi_6, Sopespian_8, Soror1_6, SororFago_15, Soshari_19, Soul22_7, Sparky_6, Spartoi_6, Spike509_17, Spikelee_7, Spock_13, Spooky_7, Squiddly_8, Squirty_7, StCroix_12, Stagni_17, Stanktossa_6, Stap_7, StarStuff_19, Starburst_9, Starcevich_7, Stargaze_7, SteamedHams_10, StepMih_17, Stephig9_13, StingRay_6, Stinson_13, StirfryIV_6, Stormborn_6, Stormbreaker8_6, Strathdee_6, Strobilo_9, Studio_8, Sulley_13, SummitAcademy_7, Sunflower1121_11, Sunhee_14, SuperAwesome_19, SuperCallie99_19, Superfresh_6, Supernova_6, Survivors_10, Swann_12, SweatNTears_10, Sweets_7, Swirley_13, SydNat_13, Symere_6, Syra333_12, TBond007_12, TClif_12, TM4_9, TMaxx_8, TNguyen7_15, TWAMP_12, Tachez_13, Taheera_7, Tailonex_13, TaiwanKao_13, Takoda_12, Taquito_12, Target_17, Tarnish_7, Tarynearal_12, TatarkaPM_6, Taurus_17, Tchotchke_7, Teagan_6, TeddyBear_6, Teejan_9, Temprado_19, Tenda_6, Terror_7, Texage_15, Theia_12, Theresita_7, Thompsone_6, Thorongil_6, Thyatira_11, Tierra_12, Tiffany_17, Tiger_13, Tigress9_12, Timothy_16, TinSulphur_6, TinaBug_7, TingHuaYa_13, TiniBug_13, TinyPebbles_17, TinyTimmy_16, Tinyman4_9, Tiri_13, Todacoro_16, Tolls_10, TomBrady_7, Tomathan_19, ToneTone_18, TootsiePop_7, Tootsieroll_7, Topper_13, Toro_18, Torres_9, Totinger_7, Travvers_19, TreyKay_13, TribleTrouble_11, Trice_9, TripleC_11, Troje_8, TruffulaTree_13, Tucker_19, Twigg_13, Twitch_13, TwoBits_6, Typhonomachy_8, UhSalsa_12, UncleRicky_7, Unicorn_12, UnionJack_13, Urkel_13, Validus_13, Velene_6, Veliki_13, Velveteen_7, Veracruz_15, Vine_9, Vispistious_6, ViviJ_10, Vix_17, VohminGhazi_19, Volt_41, WST1_7, Wardwill_9, Waterfoul_11, Watson_17, Wendigo_7, WestPM_8, Whitney_7, Whitspit_16, Wiks_19, WildNOut_6, WilliamStrong_6, Wintermute_14, Winzigespinne_6, Wizzo_6, Wolfwood_12, Wolpertinger_15, Wooldri_19, WunderPhul_19, Xebius_5, XianYue_16, Ximenita_13, Y10_14, Y2_14, Yakult_9, YangYin_7, Yarn_7, YasnayaPolyana_14, Yogi_12, Yokurt_19, Yoncess_12, Yoshi_7, YoureAdopted_12, Yucky_8, Yummy_9, Yuna_13, Yunkel11_13, YuuY_6, Zabiza_13, Zada_6, Zaka_19, Zapner_8, Zarafa_15, Zareef_10, Zavala_13, Zayuliv_8, Zenitsu_6, Zepp_9, Zetzy_16, Ziko_42, ZoMa_7, ZoeJ_9, Zolita_12, Zombie_7, Zulu_19,

Summary by start number:

Start 3:
• Found in 4 of 1777 (0.2%) of genes in pham
• Manual Annotations of this start: 3 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Colin_20 (A2), GaugeLDP_18 (A2), Koduck_17 (A2), L5_17 (A2),

Start 4:
• Found in 1 of 1777 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Hammer_19 (A6),

Start 5:
• Found in 1 of 1777 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: XianYue_16 (A2),

Start 7:
• Found in 89 of 1777 (5.0%) of genes in pham
• Manual Annotations of this start: 80 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aneem_16 (A11), Artemis2UCLA_19 (A6), BABullseye_19 (A6), Bachome_16 (A11), BennyP_19 (A6), BlessJoy_19 (A6), Blinn1_19 (A6), Blue7_19 (A6), Bowtie_16 (A11), Bud_16 (A11), Candra_19 (A6), Chartreuse_19 (A6), CloudWang3_19 (A6), Cookiedough_19 (A6), D29_17 (A2), D32_19 (A2), DBQu4n_19 (A2), DaVinci_19 (A6), DelvinSonDorr_18 (A6), Dorothea_19 (A6), Duplo_19 (A2), Ebony_16 (A11), EricB_19 (A6), Et2Brutus_15 (A11), Fibonacci_16 (A11), Flaverint_16 (A11), Garak_20 (A6), Gilberta_16 (A11), Gladiator_19 (A6), GreedyLawyer_19 (A6), Gruunaga_19 (A6), Helmet_19 (A6), Herbertwm_14 (A2), Hexamo_19 (A6), Hoot_19 (A6), Hutc2_16 (A11), Indra_19 (A6), Insomnia_16 (A11), Isiphiwo_19 (A6), Jabith_16 (A11), Jeffabunny_19 (A6), JewelBug_19 (A6), Jordennis_19 (A6), Joselito_16 (A11), Kazan_19 (A6), Kerberos_19 (A2), Kimba_16 (A11), Kipper29_19 (A6), Koko_19 (A6), Lilbunny_19 (A6), Lucivia_16 (A11), MaCh_16 (A11), Mabel_16 (A11), McFly_19 (A6), Mulciber_16 (A11), Munch_16 (A11), Naji_19 (A2), Neeharika16_19 (A6), Newrala_19 (A6), Orange_16 (A11), Petersenfast_15 (A11), Pmask_19 (A6), Polyphemus_19 (A6), Pomar16_19 (A2), Priamo_19 (A6), Rifter_19 (A6), Roksolana_19 (A6), Salz_16 (A11), Saskia_15 (A11), Sham4_16 (A11), SmellyB_19 (A6), Snape_16 (A11), StarStuff_19 (A2), SuperAwesome_19 (A6), SuperCallie99_19 (A6), Temprado_19 (A6), Timothy_16 (A11), TinyTimmy_16 (A11), Tomathan_19 (A2), ToneTone_18 (A6), Travvers_19 (A2), Tucker_19 (A6), VohminGhazi_19 (A6), Wiks_19 (A6), Wolpertinger_15 (A11), WunderPhul_19 (A6), Yokurt_19 (A6), Zaka_19 (A6), Zulu_19 (A6),

Start 8:
• Found in 601 of 1777 (33.8%) of genes in pham
• Manual Annotations of this start: 530 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 20ES_16 (A2), 40AC_19 (A17), A6_13 (A1), AFIS_15 (A1), AN3_16 (A2), AN9_19 (A2), ANI8_19 (A2), AbbyPaige_18 (A2),

AbbysRanger_15 (A4), Abbyshoes_16 (A1), Abdiel_15 (A4), Abrogate_160 (A1), Achebe_15 (A4), Acme_17 (A1), Acolyte_16 (A2), Adahisdi_16 (A1), Adzzy_17 (A2), Aeneas_17 (A1), Agaliana_15 (A1), Agape74_18 (A2), Ajay_15 (A1), Albee_15 (A4), Alberto7_16 (A4), Aldrich_16 (A1), Aliter_17 (A9), Alma_17 (A9), Alsfro_19 (A1), Altman_16 (A1), Alvin_16 (A1), Anaysia_18 (A15), Anglerfish_16 (A1), AnnaL29_19 (A2), Annyong_15 (A4), Anon_16 (A15), Anselm_16 (A2), Anthony_15 (A20), Applejack_15 (A1), Arcanine_16 (A1), ArcherNM_18 (A2), Arissanae_15 (A9), Arlo_14 (A1), Arturo_14 (A4), Ashballer_14 (A1), Atkinbua_16 (A1), AvatarAhPeg_15 (A4), Avle17_15 (A4), Ayanochan_18 (A9), BK1_13 (A1), BPBiebs31_16 (A1), Baby16_15 (A4), BabyBack_18 (A2), Backyardigan_15 (A4), BaconJack_17 (A1), Bactobuster_17 (A2), Badger_15 (A4), Baehexic_17 (A2), BangNhom_14 (A4), Barriga_15 (A1), BarrowTuph_14 (A1), Bartimeaus_15 (A4), Battleship_19 (A15), Beatrix_14 (A1), Beemo_17 (A9), BeesKnees_16 (A1), Bellris_14 (A9), BellusTerra_15 (A4), BengiVuitton_17 (A2), Benvolio_16 (A2), Bethlehem_15 (A1), Bexan_14 (A1), BiancaTri92_18 (A2), Big3_15 (A1), BigMau_17 (A1), BigPaolini_16 (A1), Bigchungi_15 (A1), Bigfoot_14 (A1), Bircsak_15 (A1), Blackflame_15 (A1), Blackmoor_15 (A4), Blesser_15 (A1), BluSpix_15 (A1), Blue_15 (A1), Bob3_14 (A1), BogosyJay_17 (A9), Bombshell_15 (A4), Bones_15 (A1), Boohoo_18 (A15), Bradman_15 (A2), Briton15_17 (A1), Broseidon_15 (A4), Bruiser_15 (A4), Bruns_14 (A1), BubbleTrouble_15 (A4), Bugsy_18 (A2), Bumblebee11_15 (A4), Burger_14 (A4), Burton_16 (A1), Buttons_16 (A1), C3_14 (A2), CRB1_16 (A2), CactusRose_14 (A1), Caelakin_15 (A4), Camperdownii_14 (A4), Caraxes_15 (A2), Carlyle_17 (A1), CartmannCramer_15 (A1), CatBus_16 (A1), Catalina_17 (A9), Celestialunch_16 (A9), Centaur_18 (A2), CentreCat_15 (A4), Cerulean_15 (A4), ChampagnePapi_15 (A4), Chanagan_14 (A1), Changeling_19 (A2), Chaph_15 (A4), Charm_16 (A9), Che12_17 (A2), ChipMunk_18 (A2), ChristmasHams_15 (A1), Chupacabra_15 (A10), Ciao_15 (A1), Cici_15 (A4), Cindaradix_14 (A4), Cintron_15 (A4), Citius_15 (A4), Clarenza_15 (A4), Cocoaberry_15 (A4), CogOmlette_14 (A9), Commander_15 (A4), ConceptII_15 (A1), Connomayer_15 (A4), Conquerage_17 (A9), Corvo_15 (A1), Crispicous1_14 (A1), Crucio_16 (A2), Cueylyss_15 (A1), DD5_16 (A1), Dalmatian_16 (A2), Darrell_18 (A9), DarthPhader_17 (A12), Datway_15 (A4), Deano_15 (A4), DeerParkTS_17 (A2), DekHockey33_18 (A15), Deloris_17 (A2), Dexes_16 (A1), Dhanush_15 (A4), Dignity_18 (A2), DirtDevil_16 (A1), DirtyDunning_15 (A4), DontArgue_14 (A10), Doom_15 (A1), DrFeelGood_14 (A1), Drake55_18 (A2), Drake94_14 (A10), DreamCatcher_18 (A1), DreamTeam1_16 (A9), Dreamboat_16 (A1), DroogsArmy_16 (A7), Druantia_15 (A4), DudeLittle_16 (A2), Dulcie_14 (A1), Dussy_16 (A1), DustyMartin_18 (A10), Dynamix_16 (A1), EZMoney23_20 (A2), EagleEye_18 (A16), Eagle_14 (A4), Eaglepride_16 (A10), Eapen_15 (A4), Echild_16 (A2), Edison31_15 (A10), EdogawaKiddo_15 (A9), Edtherson_16 (A1), Eidsmoe_17 (A9), Elephantoon_17 (A9), Elle_16 (A15), EmyBug_17 (A9), EnzoK_16 (A1), Epsocamisio_18 (A15), Equemioh13_18 (A2), Eris_15 (A4), Eros_15 (A4), Espresso_15 (A1), Euphoria_15 (A1), Eurydice_15 (A4), EvilGenius_18 (A2), ExplosioNervosa_17 (A9), Eyeball_15 (A1), Fajezeel_17 (A1), Fameo_16 (A2), Fascinus_14 (A1), FatCactus_14 (A20), Fayely_17 (A9), Fenn_16 (A1), FiringLine_16 (A2), First_0016 (A2), Flare16_16 (A2), Florean_15 (A4), Flux_15 (A4), ForesterFrank_17 (A2), Forsytheast_14 (A1), Francis47_15 (A1), Froghopper_16 (A1), Funston_15 (A4), Fushigi_16 (A1), GMonster_14 (A1), Gachnar_15 (A1), Gadost_15 (A4), GageAP_17 (A1), Gandalf20_16 (A1), Georgie2_17 (A2), Gompeii16_15 (A1), Goose_15 (A10), Graduation_17 (A1), Gratitude_17 (A2), GrecoEtereo_16 (A1), Greg_17 (A1), GroundGoblin_16 (A1), Gwendoluna_17 (A1), Gyzlar_17 (A1), HINdeR_15 (A7), HamSlice_14 (A4), Hami1_17 (A1), HanShotFirst_15 (A1), Hanray_16 (A9), Happiness_15 (A4), HarryHoudini_18 (A2), HarryOW_16 (A1), Heffalump_18 (A2), Hermia_17 (A1), HermioneGrange_15 (A1),

HippoHollow_17 (A2), Holex_16 (A9), Holli_15 (A4), Homines_15 (A1), Hope4ever_15 (A1), HortumSL17_17 (A9), Houdini22_15 (A4), Huxley_15 (A4), ICleared_15 (A4), ILeeKay_17 (A1), Iceman_15 (A4), Ichabod_16 (A1), IgnatiusPatJac_14 (A1), Inyanga_14 (A1), Iqorha_14 (A1), Iracema64_15 (A4), IronMan_18 (A2), Iwokeuplikedis_16 (A2), JC27_17 (A1), JSwag_18 (A15), Jaan_19 (A2), JackSparrow_16 (A1), Jasper_16 (A1), Jaykayelowell_15 (A4), Jerm2_16 (A1), Jerm_18 (A2), JetBlade_15 (A4), Jiawan_16 (A9), JoongJeon_15 (A4), Jorgensen_15 (A1), JoshKayV_18 (A2), Journey13_14 (A2), Jsquared_15 (A2), JuliaChild_17 (A1), KBG_16 (A1), KFPoly_15 (A4), KSSJEB_15 (A1), Kalpine_19 (A2), Kampy_15 (A4), Kanely_16 (A1), Katalie136_15 (A4), KatherineG_18 (A15), KekoraPapaka_14 (A4), Kenmech_18 (A1), Keziacharles14_15 (A9), KikiBouba_16 (A1), Killigrew_13 (A1), Kimona_12 (A19), KingCyrus_18 (A2), Kingmustik0402_15 (A4), KittenMittens_14 (A10), Klodlith_16 (A9), Koan_15 (A4), Koreni_14 (A4), Kratark_15 (A4), Kremtemulon_15 (A4), Kristoff_16 (A10), KyMonks1A_17 (A1), Kyee_15 (A4), LHTSCC_15 (A4), LadyBird_16 (A2), Lamina13_15 (A1), Landor_17 (A2), LappelDuVide_15 (A4), Larenn_17 (A2), LastResort_18 (A15), Lemur_15 (A4), LeoAvram_15 (A4), Leogania_18 (A2), Lesedi_14 (A1), Levia_15 (A1), Leviathan_18 (A2), Licorice_17 (A1), LilBib_16 (A1), LilTurb_18 (A2), Lilleskat_15 (A9), LionsBait_17 (A2), LittleB_15 (A4), LittleGuy_15 (A4), LochMonster_15 (A4), Lockley_15 (A1), LoneWolf_17 (A9), Looper_19 (A15), Lopton_16 (A1), Lorenzo_15 (A4), Loser_19 (A2), Lucyedi_17 (A16), LunarLander_15 (A1), Lunsford_16 (A4), MPlant7149_14 (A1), Magnar_15 (A1), Magnito_14 (A1), MajorMajor_15 (A2), Makemake_15 (A1), Malec_17 (A2), Maminiaina_17 (A9), Manatee_16 (A1), Marcell_15 (A1), Marchy_14 (A1), Marco3_15 (A1), Marge_16 (A1), Maroc7_14 (A1), Marsha_15 (A1), MaryBeth_15 (A1), Maverick_15 (A4), Maxo_15 (A4), Mayonnaise_15 (A4), Mazhar510_15 (A4), McGuire_16 (A1), McSinger_16 (A1), Medusa_15 (A4), MeeZee_15 (A4), MegTheThird_15 (A9), Melvin_15 (A4), MetalQZJ_15 (A1), Michley_15 (A1), MiculUcigas_16 (A2), MilleFeuille_12 (A1), Millski_15 (A4), MinecraftSteve_19 (A15), Minispark_14 (A9), Miramae_15 (A4), MissWhite_16 (A2), Mkhuseli_16 (A1), Molly_16 (A1), Monet_17 (A1), Moose_14 (A1), Morpher26_15 (A4), Morrow_15 (A4), MrGordo_15 (A1), Mryolo_14 (A1), Mule_15 (A1), Mundrea_15 (A4), Museum_17 (A1), Myxus_17 (A9), NEHalo_15 (A1), NaSiaTalie_16 (A2), Naira_16 (A1), Nebs_15 (A4), Nebulosus_18 (A15), Nedarya_17 (A15), Nemo27_15 (A4), Nerujay_16 (A1), Nhonho_15 (A1), NicoleTera_20 (A2), Niza_17 (A1), Noelle_15 (A4), NorthStar_15 (A4), Norz_17 (A1), NotAPhaseMom_15 (A4), NothingSpecial_18 (A2), Noxious_16 (A1), Nyxis_15 (A4), OKCentral2016_15 (A10), OKaNui_15 (A4), Obama12_15 (A4), Odin_15 (A2), Ohfah_15 (A4), Ohno789_15 (A1), Onglai_16 (A9), Oofda_18 (A15), Oogway_14 (A1), PSullivan_17 (A1), PacerPaul_15 (A1), PackMan_17 (A9), PainterBoy_17 (A16), Palestino_15 (A4), Papez_17 (A1), Paphu_14 (A1), Paraselene_14 (A1), Pari_16 (A1), Parliament_14 (A1), PascalRango_14 (A1), PattyP_17 (A1), Payneful_15 (A1), PeaceMeal1_14 (A10), Peaches_15 (A4), Pelly_16 (A1), Pepe_16 (A1), Perplexer_15 (A4), Perseus_16 (A1), PeterPeter_15 (A4), Peterson_18 (A1), PetiteSangsue_15 (A4), Petp2012_17 (A1), Petruchio_15 (A1), Ph8s_17 (A2), Phacado_15 (A4), Phaded_19 (A2), Phaeder_17 (A9), Pharaoh_16 (A12), Phelipe_15 (A4), PherrisBueller_16 (A1), Phighter1804_15 (A4), PhineBark_14 (A1), Phlippers_14 (A1), Phonnegut_17 (A9), Phontbonne_15 (A4), PhrostyMug_15 (A1), PinkPlastic_14 (A1), Pinto_17 (A1), Pioneer_17 (A9), Pipcraft_15 (A4), Pippin_17 (A1), Piro94_17 (A2), Pita2_17 (A1), Polymorphads_15 (A4), Poompha_14 (A10), PowerRanger_15 (A1), Power_16 (A2), Priya_17 (A9), ProMouse_14 (A1), Prudy_18 (A2), Pukovnik_18 (A2), Pumbaa_15 (A4), Puppet_15 (A1), QTRlifeCrisis_15 (A1), Qobbit_17 (A9), QueenB2_16 (A2), QueenBeesly_16 (A2), Quokka_14 (A2), Rahalelujah_15 (A9), Raid_16 (A1), Rajelicia_15 (A1), Ravana_19 (A15), ReMo_18 (A15), Rebeuca_16 (A10),

RedRock_19 (A2), Refuge_19 (A12), Relief_15 (A4), Remus_18 (A15), Retro23_16 (A2), RhynO_16 (A10), Rhynn_15 (A1), RidgeCB_15 (A1), Ringer_15 (A1), RockieBear_14 (A4), Rohr_16 (A1), Romney_15 (A4), Roosevelt_15 (A4), Rosa24_14 (A4), Rosalind_18 (A15), Rowdy_18 (A10), Rubeus_16 (A1), Rufus_16 (A1), Ruin_15 (A4), Ruotula_14 (A1), Rutherferd_17 (A1), RyeScarlet_18 (A9), STLscum_16 (A1), Sabertooth_15 (A4), Sachima_15 (A9), Sagefire_16 (A1), Sandaddy_14 (A1), Sanya_14 (A1), SarFire_15 (A1), Scamp_15 (A4), Scherzo_17 (A9), Scowl_16 (A1), Seabiscuit_17 (A1), Seanderson_16 (A1), SemperFi_18 (A2), SenorClean_15 (A4), Serenity_15 (A2), Severus_14 (A10), Shaka_15 (A4), Shapes_18 (A10), ShayRa_19 (A15), SheaKeira_16 (A9), SheldonCooper_15 (A4), ShortQueendom_14 (A1), Shygu2_15 (A4), Sibs6_17 (A1), SkiPole_17 (A1), Skipitt_15 (A4), Sknot_16 (A2), Slagathor_16 (A1), Smairt_16 (A1), Smeagan_18 (A2), Smeagol_16 (A1), SnapTap_16 (A2), Snazzy_13 (A1), Solon_15 (A1), Sorpresa_15 (A1), Soups_18 (A15), Sparxx_15 (A4), SpikeBT_17 (A1), Spino_15 (A4), Spouty_17 (A9), Squee_16 (A1), Stasia_16 (A4), SteMason_14 (A4), Steamy_17 (A12), StewieG_14 (A1), Stink_15 (A4), StrongArm_14 (A1), Strosahl_18 (A15), Sultana_15 (A4), Sumter_14 (A1), Sunshine924_14 (A1), Superchunk_15 (A2), SweetiePie_16 (A2), SwirlSquare_17 (A2), SwissCheese_15 (A1), Switzer_16 (A1), Switzerland_18 (A15), Swole_17 (A1), Taquarus_15 (A4), TarsusIV_16 (A2), Tasp14_16 (A1), Teodoridan_13 (A1), Terrific_20 (A2), Thanksgivukkah_15 (A4), TheloniousMonk_17 (A1), Thor_15 (A1), Timshel_16 (A7), TinaFeyge_15 (A4), Tinybot_14 (A4), TipsytheTRex_15 (A2), TiroTheta9_15 (A4), Toaka_15 (A9), Topanga_15 (A10), Topgun_15 (A1), Tote_17 (A1), Traft412_17 (A1), Treddle_17 (A1), Trike_13 (A10), Tripl3t_16 (A1), Tristan_17 (A2), Trixie_19 (A2), Trooper_16 (A2), Trouble_15 (A1), TroyPia_15 (A4), Tubs_17 (A9), Turbido_18 (A2), Turj99_14 (A1), Twister_15 (A10), TwoPeat_16 (A1), TygerBlood_15 (A4), U2_15 (A1), Ugenie5_14 (A9), Ulysses_14 (A4), Updawg_18 (A2), VA6_16 (A2), VC3_19 (A2), Vanisoa_15 (A9), Violet_14 (A1), Waits_18 (A15), WalterMcMickey_15 (A10), Wander_15 (A4), Warrior24_18 (A15), Watermelon_17 (A1), WeiHuaDA_22 (A2), Whabigail7_18 (A2), Wheeler_15 (A1), WideWale_18 (A2), Wilbur_15 (A4), Wile_15 (A4), Wilkins_15 (A1), Wizard007_15 (A4), WorldCup_14 (A9), Xena_15 (A4), Yecey3_16 (A9), YoSam321_15 (A4), Zeeculate_14 (A1), Zephyr_15 (A1), Zeuska_16 (A1), Zimmer_18 (A12),

Start 9:
• Found in 3 of 1777 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: FlyCatcher_19 (A7), Sheen_17 (A7), Toro_18 (A7),

Start 10:
• Found in 136 of 1777 (7.7%) of genes in pham
• Manual Annotations of this start: 117 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ACFishhook_17 (A3), Aglet_17 (A3), AgronaGT15_17 (A3), Anubis_19 (A3), AugsMagnumOpus_19 (A3), B1_13 (A3), BabyJohn_14 (A3), BabyRay_15 (A3), Beauxregard13_17 (A3), Bigflo_17 (A3), BlueBird_16 (A3), BreSam8_17 (A3), Bugatti_15 (A3), BuzzBuzz_16 (A3), Bxz2_17 (A3), Calvinny_18 (A3), Caviar_16 (A3), Chiqui_14 (A3), Clammy_15 (A3), ClownCar_18 (A3), Colbster_17 (A3), Croquant_18 (A3), Cullens_17 (A3), DaHudson_17 (A3), Daishi_16 (A3), Dieselweasel_17 (A3), DropBear_15 (A3), EpicPhail_17 (A3), EtoileNova_16 (A3), Farber_17 (A3), Fernando_17 (A3),

Fred313_15 (A3), Gemma_17 (A3), GingkoMaracino_17 (A3), Giroux_16 (A3), Grif_17 (A3), Groupthink_18 (A3), Grub_17 (A3), Grum1_17 (A3), GtownJaz_17 (A3), Gwennie_16 (A3), HashRod_18 (A3), HaveUMetTed_18 (A3), Heathen_15 (A3), HelDan_15 (A3), Heliosoles_17 (A3), Hercules11_17 (A3), Hookmount_16 (A3), Idleandcovert_15 (A3), Isca_15 (A3), JF2_15 (A3), JF4_15 (A3), JHC117_17 (A3), JenCasNa_17 (A3), JeppNRM_18 (A3), Jobu08_17 (A3), KADY_18 (A3), Kachowdy_15 (A3), Kalb97_18 (A3), Kalnoky_18 (A3), LBerry_17 (A3), Lambert1_16 (A3), LarryKay_17 (A3), Lilith_17 (A3), Louie6_17 (A3), Lowa_17 (A3), LugYA_19 (A3), MA5_15 (A3), MK4_15 (A3), MadMarie_17 (A3), Mainiac_17 (A3), Malinsilva_19 (A3), Manu_18 (A3), MarQuardt_17 (A3), Marchesa_15 (A3), Margo_16 (A3), Marie_17 (A3), Marius_18 (A3), Methuselah_17 (A3), Microwolf_17 (A3), Misomonster_19 (A3), MoneyMay_17 (A3), Montavir_16 (A3), MuchMore_19 (A3), Noella_16 (A3), Norbert_15 (A3), OlanP_17 (A3), Ollie_17 (A3), P28Green_17 (A3), PGHhamlin_19 (A3), PP_25 (A7), Panamaxus_16 (A3), Pawn_17 (A3), Pembroke_17 (A3), Penny1_17 (A3), Phantastic_15 (A3), PhishRPhriends_16 (A3), Phlei_12 (A13), Phoebe_17 (A3), Phoxy_17 (A3), Phranny_18 (A3), Pistachio_16 (A3), Pocahontas_16 (A3), Popcicle_16 (A3), PotatoSplit_18 (A3), Puppy_16 (A3), PurpleHaze_17 (A3), QuinnKiro_15 (A3), Reba_18 (A3), ResDef_16 (A3), Rockstar_15 (A3), Roimos_15 (A3), Rummer_17 (A3), Sabia_17 (A3), Sabinator_17 (A3), SaturnRing_15 (A3), Scout_15 (A3), Snickers_17 (A3), SoYo_17 (A3), SoilDragon_17 (A3), Soshari_19 (A3), Spike509_17 (A3), Stagni_17 (A3), StepMih_17 (A3), TNguyen7_15 (A3), Taurus_17 (A3), Texage_15 (A3), Tiffany_17 (A3), TinyPebbles_17 (A3), Todacoro_16 (A3), Veracruz_15 (A3), Vix_17 (A3), Watson_17 (A3), Wooldri_19 (A3), Zarafa_15 (A3), Zetzy_16 (A3),

Start 12:
• Found in 22 of 1777 (1.2%) of genes in pham
• Manual Annotations of this start: 10 of 1525
• Called 81.8% of time when present
• Phage (with cluster) where this start called: Bridgette_6 (FA), ChuckDuck_6 (FA), Constance_6 (FA), Eileen_6 (FA), FosterFrank_6 (FA), GlobiWarming_6 (FA), Henrique_6 (FA), HotPotato_6 (FA), Judy_6 (FA), Karkharias_6 (FA), KayMoney_6 (FA), LilyBell_6 (FA), LittleRon_6 (FA), NidoQ_6 (FA), NikkiHotWheels_6 (FA), Peas_6 (FA), PeggyLeg03_6 (FA), Pucara_6 (FA),

Start 13:
• Found in 11 of 1777 (0.6%) of genes in pham
• Manual Annotations of this start: 9 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BobSwaget_19 (A2), Chargerpower_16 (A22), Gail_15 (A14), Jeeves_15 (A14), Kinmap_15 (A21), Lokk_19 (A2), Luchador_16 (A14), Miko_19 (A2), Rachaly_19 (A2), SororFago_15 (A14), Sunhee_14 (A14),

Start 14:
• Found in 6 of 1777 (0.3%) of genes in pham
• Manual Annotations of this start: 5 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BillKnuckles_16 (A1), Bxb1_14 (A1), Kugel_16 (A1), Kykar_13 (A1), Target_17 (A1), Whitspit_16 (A1),

Start 17:
• Found in 116 of 1777 (6.5%) of genes in pham

• Manual Annotations of this start: 90 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Agatha_8 (CT), AgentM_13 (A5), AikoCarson_7 (CT), Airmid_13 (A5), Amok_7 (CT), AndPeggy_7 (CT), Aragog_13 (A5), Archetta_13 (A5), Astro_13 (A8), Axym_8 (CT), Balloona_7 (CT), Bavilard_8 (CT), Benedict_13 (A5), BigChungus_7 (CT), BillDoor_10 (CT), Biskit_9 (CT), Blondies_9 (CT), Bluefalcon_12 (A5), Bonamassa_13 (A5), Bubble_8 (CT), Burnsey_8 (CT), Buttrmlkdreams_8 (CT), Caitlin_12 (A8), CanesSauce_8 (CT), CaramelLatte_8 (CT), Carsonalex_9 (CT), Chadwick_14 (A5), CherryonLim_9 (CT), ChickenTender_10 (CT), ChocoMunchkin_8 (CT), CocoaPuff_7 (CT), Conspiracy_13 (A5), Coog_13 (A5), Cozz_8 (CT), Cuco_13 (A5), Danforth_12 (A8), Discoknowium_13 (A5), Dixon_13 (A8), Dublin_12 (A5), ElJefes_7 (CT), ElTiger69_13 (A5), Elinal_9 (CT), Eliott_8 (CT), Emalyn_7 (CT), Expelliarmus_12 (A8), Feastonyeet_7 (CT), Florence1_13 (A5), Florence4_14 (A5), ForGetIt_13 (A5), GTE2_06 (CT), George_12 (A5), Ghoulboy_13 (A5), GoldHunter_9 (CT), Groundhog_12 (A8), Horseradish_9 (CT), HuhtaEnerson15_13 (A5), Jabiru_13 (A5), Jovo_13 (A5), KayGee_8 (CT), Lauer_7 (CT), Lev2_13 (A5), LittleCherry_13 (A5), MAnor_8 (CT), MScarn_10 (CT), MarysWell_12 (A5), Mayweather_9 (CT), McDazzle_7 (CT), Micasa_13 (A5), Midas2_13 (A5), Milcery_13 (A5), MunkgeeRoachy_8 (CT), MyraDee_13 (A18), Naca_13 (A5), NearlyHeadless_13 (A8), Nina_9 (CT), PetterN_14 (A5), Phillis_13 (A8), Phlorence_13 (A5), PickleBack_13 (A5), Pons_8 (CT), PotPie_8 (CT), Prinashe11_14 (A5), PsychoKiller_8 (CT), Quasar_8 (CT), RADical_9 (CT), RSchmailzl_9 (CT), RedBaron_9 (CT), Roary_13 (A8), Saintus_13 (A8), Scorpia_14 (A5), SheckWes_7 (CT), SketchMex_7 (CT), Smeadley_13 (A8), Socotra_9 (CT), Sopespian_8 (CT), Starburst_9 (CT), SteamedHams_10 (CT), Stephig9_13 (A8), SummitAcademy_7 (CT), SweatNTears_10 (CT), Swirley_13 (A5), SydNat_13 (A5), Tarnish_7 (CT), Tarynearal_12 (A5), Theia_12 (A5), Tiger_13 (A5), Tolls_10 (CT), Troje_8 (CT), Twigg_13 (A5), Typhonomachy_8 (CT), UnionJack_13 (A5), Vine_9 (CT), Yarn_7 (CT), Yucky_8 (CT), Yummy_9 (CT), Zolita_12 (A5),

Start 18:
• Found in 61 of 1777 (3.4%) of genes in pham
• Manual Annotations of this start: 40 of 1525
• Called 95.1% of time when present
• Phage (with cluster) where this start called: Agamotto_10 (FR), Alatin_12 (CA), Alpacados_11 (CA), AngryOrchard_11 (CA), AnnabelLee_8 (FR), AppleCloud_10 (CA), ArV2_06 (singleton), Audell_11 (FR), Belenaria_12 (CA), BobbyDazzler_12 (CA), Bonanza_12 (CA), Bradshaw_12 (CA), Bryce_12 (CA), CardboardBox_8 (FR), ChamoyPickle_8 (FR), ChipsNGuac_8 (FR), CosmicSans_12 (CA), Dinger_12 (CA), Erik_12 (CA), Espica_12 (CA), Ezurina_7 (FR), Gerri43_8 (FR), Gollum_12 (CA), Harlequin_12 (CA), Hiro_12 (CA), Hum25_6 (FQ), Jester_12 (CA), Krishelle_12 (CA), LastNadiia_11 (FR), Lillie_12 (CA), Makima_9 (FR), Mireles_8 (FR), Naiad_12 (CA), Nancinator_12 (CA), Natosaleda_12 (CA), Neuvillette_8 (FR), Partridge_12 (CA), PhailMary_11 (CA), Phrankenstein_12 (CA), RER2_5 (CA), RGL3_5 (CA), Rasputin_12 (CA), RexFury_12 (CA), Rhodalysa_12 (CA), Roberts_8 (FR), Shuman_12 (CA), Spartoi_6 (singleton), StCroix_12 (CA), Studio_8 (FR), Swann_12 (CA), TMaxx_8 (FR), TWAMP_12 (CA), Tailonex_13 (singleton), Takoda_12 (CA), TripleC_11 (FR), UhSalsa_12 (CA), Yogi_12 (CA), Yoncess_12 (CA),

Start 21:
• Found in 8 of 1777 (0.5%) of genes in pham
• Manual Annotations of this start: 4 of 1525

• Called 100.0% of time when present
• Phage (with cluster) where this start called: 8UZL_9 (AB), FF47_09 (AB), JacoRen57_6 (AB), LongHai_10 (AB), Maco6_7 (AB), Muddy_9 (AB), NoShow_7 (AB), Salvus_10 (AB),

Start 22:
• Found in 2 of 1777 (0.1%) of genes in pham
• Manual Annotations of this start: 2 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Farewell_6 (AF), Sparky_6 (AF),

Start 24:
• Found in 18 of 1777 (1.0%) of genes in pham
• Manual Annotations of this start: 17 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bonino_6 (EA1), Calix_6 (EA1), Casey_6 (EA3), Chamuel_6 (EA1), Erla_6 (EA1), Etta_6 (EA1), Garey24_6 (EA1), Gelo_6 (EA1), Hexbug_10 (CT), Jemerald_8 (EA6), JeriBeth_6 (EA1), Juicer_8 (EA6), Klimt_6 (EA1), Nattles_6 (EA1), Orla_10 (CT), Pajaza_6 (EA3), Pikmin_6 (EA3), SonOfLevi_6 (EA1),

Start 25:
• Found in 492 of 1777 (27.7%) of genes in pham
• Manual Annotations of this start: 441 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Acosta_7 (EA1), ActinUp_13 (K1), Adephagia_13 (K1), Adonis_13 (K1), Agent47_11 (K5), Agente005_7 (EA1), Ageofdapage_13 (K1), Alakazam_9 (EA5), AlexAdler_6 (EA1), Alexphander_7 (F1), AlishaPH_13 (K1), AlleyCat_11 (K5), Aloeri_7 (F1), Alyxandracam_6 (EA1), Amelie_9 (K1), Amgine_11 (K6), Aminay_11 (K7), Amohnition_12 (K6), Anaya_14 (K1), Andromedas_6 (EA2), Angelica_13 (K1), Anilorac_6 (EA1), Anma_13 (K1), Antoinette_6 (EA1), Apocalypse_13 (K1), Applecrisp_11 (K6), AranulaLuti_6 (EA1), Asayake_13 (K1), Asta_6 (EA1), Atiba_13 (K1), Aubergine_6 (EA1), Awesomesauce_7 (F1), AxiPup_6 (EA1), BEEST_13 (K1), BGlluviae_13 (K1), BaghaKamala_13 (K1), Baines_6 (EA1), Balsa_6 (EA1), BananenDer11_11 (K5), Bandik_6 (EA1), BaronJohn_8 (EA5), BarrelRoll_13 (K1), Beakin_7 (F1), Beanstalk_7 (F1), BeautPeep30_6 (EA1), BeeBee8_7 (EA1), Beezoo_13 (K1), Bella96_13 (K1), Belladonna_13 (K1), Benjalauren_6 (EA1), Bern_13 (K1), BigPhil_7 (F1), BigRedClifford_6 (EA1), Biglebops_9 (K1), Blage_6 (EA1), Blizzard_13 (K1), Bobi_7 (F1), Bobquesha_14 (K4), Boiiii_13 (K1), Boilgate_10 (K8), BonesMcCoy_6 (EA1), Boomer_7 (F1), BoostSeason_9 (K2), BouleyBill_6 (EA4), Brookers_7 (F1), Brushbloom_7 (F1), Bryler_12 (K6), Bustleton_6 (EA4), BuzzLyseyear_7 (F1), Byron23_6 (EA1), CREW_13 (K1), Cain_12 (K6), CallaLilly_13 (K1), Capricorn_13 (K1), CaptainRex_8 (EA5), CarisSwetlik_8 (EA1), Carostasia_6 (EA10), CaseJules_13 (K1), Cerasum_7 (F1), Chako_6 (EA1), Chancellor_14 (K4), Chavito_13 (K1), Cheeto1_7 (EA9), CheetoDust_13 (K1), Cheetobro_14 (K4), Chepli_8 (EA6), ChickenDinner_7 (F1), ChickenKing_6 (EA9), ChikPic_6 (EA2), Chris_12 (K1), Christoph_6 (EA1), Clancy_6 (EA1), Clipper_13 (K1), Clock_8 (EA5), Coco12_7 (F1), ColaCorta_6 (EA2), Collard_11 (K5), Convict_6 (EA1), CoraRita_6 (EA1), Cornucopia_7 (F1), CrimD_13 (K1), Curiosium_14 (K1), DS6A_11 (singleton), DaWorst_7 (F1), Dadosky_11 (K5), Dalmuri_13 (K1), DanSyl44_14 (K4), DartGoblin_13 (K1), DarthP_12 (K6), Dartin_13 (K1), Dave_6 (EA1), Deby_13 (K1), Delphidian_6 (EA1), Den3_6 (EA1), Devera_13 (K1), DirtMcgirt_7 (F1),

DismalFunk_9 (K2), DismalStressor_9 (K2), DocMcStuffins_7 (F1), Dole_13 (K1), Doomslug_8 (F), DosHalletts_7 (F1), Dothraki_6 (EA1), DoubleChamp_11 (K5), Doughnut_9 (K2), DrHayes_13 (K1), Drago_7 (F1), Duocatuli_6 (EA1), Durfee_13 (K1), Edugator_10 (K5), Efra2_13 (K1), Ekdilam_10 (K6), Eleri_6 (EA2), Ellie_10 (K6), Emerson_13 (K1), Emmaloid_7 (F1), Enby_7 (F1), Endor_7 (EA1), Enkosi_9 (K1), Eponine_14 (K4), Espinosa_6 (EA1), Etna_6 (EA1), Exploradora_6 (EA1), FarmerDoug_6 (EA1), Fefferhead_12 (K6), Feyre_11 (K5), Figueroism_6 (EA1), Findley_9 (K2), Finny_6 (EA2), Fionnbharth_14 (K4), Flathead_7 (F1), Frankie_7 (F1), Fryberger_39 (DP), Fulton_8 (EA5), GaeCeo_7 (EA9), Ganymede_13 (K1), GardenB_6 (EA1), Gargoyle_6 (EA1), Gengar_11 (K5), Geraldini_13 (K1), Gershwin_6 (EA1), Girafales_7 (F1), Glamour_5 (EA2), GoingMerry_6 (EA1), Golden_6 (EA4), GoneGirl_7 (EA1), GreenIvy_8 (EA5), Greys_6 (EA1), Guanica15_13 (K1), Gubbabump_6 (EA1), Guetzie_6 (EA4), Guey18_44 (DP), Guillsminger_11 (K5), HairyMan_6 (EA10), Hamlet_6 (EA1), Hammy_12 (K6), HanSolo_6 (EA1), HankSprout_6 (EA1), Hasitha_8 (EA5), HavenFinLeoSun_7 (EA1), HedwigODU_13 (K1), Heftyboy_11 (K5), Hegedechwinu_7 (F1), HerculesXL_9 (EA11), Homura_13 (K1), HungryHenry_6 (EA1), Hurricane_12 (K3), Hyperbowlee_13 (K1), Illumine_13 (K1), Ilzat_6 (EA1), Inky_13 (K1), Inventa_6 (EA1), InvictusManeo_11 (K5), Ioannes_6 (EA1), Ixel_8 (EA11), JAWS_13 (K1), JF1_14 (K4), JalFarm20_7 (F1), Janus167_6 (EA1), Jarvi_13 (K1), JasonD_8 (EA1), JasperRussell_6 (EA1), Jayhawk_13 (K1), Jeckyll_13 (K1), Jenos_8 (EA1), Jerbirus_6 (EA1), Jingles_6 (EA4), Job42_7 (F1), Joy99_13 (K1), Juanyo_6 (EA10), Juice456_7 (F1), Juliette_14 (K4), Kale_6 (EA1), KannH_6 (EA1), KatChan_8 (EA6), Kauala_6 (EA4), Kavo_8 (EA11), Keelan_37 (DP), KellyGreen_6 (EA1), Keshu_12 (K3), KiSi_12 (K1), Kimberlium_7 (F1), KingJulien_6 (EA1), Kingsley_7 (F1), Knox_6 (EA1), Koji_6 (EA4), Kouch_6 (EA1), Kratio_10 (K5), Kraw_14 (K4), Krueger_12 (K6), Kurt1_6 (EA1), Larva_11 (K5), LastHope_13 (K1), LaterM_13 (K1), Lavahound_11 (K6), LeMond_12 (K1), Lea83_12 (K3), Leafus_6 (EA1), Lebo14_14 (K4), Leozinho_7 (F1), Leston_11 (K5), Librie_8 (EA5), LilDirt_10 (K5), LilPharaoh_9 (K1), LilTerminator_8 (EA5), LindNT_13 (K1), LittleShirley_7 (F1), Llorens_13 (K1), LordVader_8 (F), Lorde_7 (F1), Lovelyunicorn_6 (EA1), Lucia_7 (F1), Lucky3_6 (EA4), Ludgate_6 (EA1), Luna18_8 (EA6), Lunahalos_13 (K1), MCubed_6 (EA2), MacKat_13 (K1), MacnCheese_13 (K3), Madiba_7 (F1), MaeLinda_6 (EA1), Malthus_14 (K4), ManRay_6 (EA1), Mandalorian_6 (EA10), Marcoliusprime_9 (K2), MarkPhew_12 (K1), Marker_7 (F1), Marshawn_14 (K6), Martin_7 (EA1), McGalleon_7 (EA1), McMater_13 (K1), Mdavu_9 (K1), MeaningOfLife_13 (K1), Megsy_13 (K1), Mercedes_7 (EA), Merida02_6 (EA1), MillyPhilly_6 (EA1), Milly_9 (K2), MiniVolent_6 (EA10), Miryou_11 (K5), Misha28_7 (F1), MissDaisy_14 (K4), Mitti_14 (K4), MonChoix_6 (EA1), Morrigan_8 (EA6), Mova_7 (F1), Mozy_7 (F1), MrWorldwide_6 (EA1), Mufasa_9 (K2), MulchExplorer_8 (F1), Murucutumbu_13 (K1), Mynx_13 (K1), Nagem_6 (EA1), Nebulous_8 (EA5), Neferthena_8 (EA5), Neighly_11 (K3), Nibb_12 (K1), NickSell_6 (EA1), Nikao_9 (K1), Niklas_13 (K1), November_11 (K6), Nucci_6 (EA10), Nutello_9 (K1), Oats_6 (EA1), OkiRoe_11 (K5), Oksu_7 (F1), OldNelly_6 (EA1), OmniCritical_14 (K4), Omnicron_11 (K5), Oscar_12 (K1), OwlsT2W_7 (F1), Oxtober96_6 (EA1), PSirce_6 (EA2), Padfoot_13 (K1), Padpat_13 (K1), Paola_11 (K5), Papafritta_6 (EA1), ParleG_6 (EA1), Patt_14 (K4), Peanam_13 (K1), Peel_13 (K1), Peep_6 (EA1), Penta_8 (EA11), Peppino_6 (EA1), Peridot_8 (F1), Phanita_6 (EA2), Pharb_12 (K3), PhelpsODU_12 (K6), Pherbot_6 (EA4), Pherferi_6 (EA1), Phiderman_6 (EA1), PhillyPhantom_6 (EA1), Phireproof_6 (EA1), Phrank_12 (K6), PhredFlintston_6 (EA1), Phriends_6 (EA1), Piatt_13 (K1), Piper2020_7 (F1), Pisa1_12 (K1), Pisa4_12 (K1), Pixie_12 (K3), Plumbus_7 (F1), Pocket_6 (EA1), Pokerus_12 (K1), Pollywog_7 (F1), PrincePhergus_6 (EA4), Prithvi_13 (K1), Psycho_11 (K5), PuppyEggo_6 (EA1), Qhanda_14 (K4), QuadZero_8

(EA5), Quartz_6 (EA10), Quico_7 (F1), QuincyRose_12 (K1), Raccoon_6 (EA1), Ramen_13 (K1), Ramsey_7 (F1), Rando14_11 (K5), Rapheph_6 (EA1), Raptor_6 (EA1), Rapunzel97_13 (K1), Redfield_6 (EA1), RenegadeRaider_6 (EA4), Renzie_6 (EA1), Reptar3000_14 (K4), Rialto_7 (F1), Richo_13 (K1), Riyhil_6 (EA1), Robinson_6 (EA1), RockyHorror_7 (F1), Rog141_6 (EA1), Ronaldo_42 (DP), RosieMae_6 (EA1), Rosmarinus_13 (K1), Ruthiejr_13 (K4), SJay_6 (EA1), SamScheppers_12 (K4), SamuelLPlaqson_13 (K1), Sansa_5 (EA2), Saratos_6 (EA2), Sarma624_7 (F1), Scarlett_12 (K1), Schimmels22_9 (EA11), Schnapsidee_6 (EA1), Schubert_7 (EA8), Scissor2024_9 (EA11), Seagreen_7 (F1), Sedgewig_6 (EA1), SgtBeansprout_9 (K1), Shadow1_11 (K6), ShaiHulud_6 (EA1), Shamu_6 (EA2), Shaobing_13 (K1), ShedlockHolmes_12 (K3), Shee_6 (EA1), ShiaSurprise_13 (K1), SimranZ1_7 (F1), Sinatra_6 (EA4), SirPhilip_12 (K6), SirVictor_6 (EA4), Slarp_14 (K4), Slim_7 (F1), Slimphazie_13 (K1), SoSeph_11 (K5), SoilGremlin_6 (EA1), SolidSnake_6 (EA1), Soror1_6 (EA1), Spikelee_7 (F1), Spock_13 (K1), Squirty_7 (F3), Stanktossa_6 (EA1), Stap_7 (F1), Starcevich_7 (F1), StingRay_6 (EA1), Stinson_13 (K1), StirfryIV_6 (EA1), Stormbreaker8_6 (EA1), Strathdee_6 (EA1), Strobilo_9 (K2), Sulley_13 (K1), Sunflower1121_11 (K6), Superfresh_6 (EA1), Symere_6 (EA1), Syra333_12 (K6), TBond007_12 (K3), TClif_12 (K6), TM4_9 (K2), Tachez_13 (K1), TaiwanKao_13 (K1), Taquito_12 (K4), TatarkaPM_6 (EA1), Tchotchke_7 (F1), Teagan_6 (EA1), TeddyBear_6 (EA1), Teejan_9 (K1), Tenda_6 (EA1), Theresita_7 (EA7), Thompsone_6 (EA1), Thorongil_6 (EA1), Thyatira_11 (K5), Tierra_12 (K6), Tigress9_12 (K6), TinSulphur_6 (EA1), TingHuaYa_13 (K1), TiniBug_13 (K1), Tinyman4_9 (EA11), Tiri_13 (K1), TootsiePop_7 (F1), Tootsieroll_7 (F1), Topper_13 (K1), Torres_9 (K1), Totinger_7 (F1), TreyKay_13 (K1), TribleTrouble_11 (K3), Trice_9 (K1), TruffulaTree_13 (K1), Twitch_13 (K1), TwoBits_6 (EA5), UncleRicky_7 (F1), Unicorn_12 (K6), Urkel_13 (K1), Validus_13 (K1), Velene_6 (EA1), Veliki_13 (K1), Velveteen_7 (F1), Vispistious_6 (EA1), ViviJ_10 (K5), Volt_41 (DP), Wardwill_9 (EA5), Waterfoul_11 (K5), WestPM_8 (EA11), WildNOut_6 (EA1), WilliamStrong_6 (EA6), Wintermute_14 (K4), Winzigespinne_6 (EA1), Xebius_5 (EA2), Ximenita_13 (K6), Y10_14 (K4), Y2_14 (K4), YasnayaPolyana_14 (K4), YoureAdopted_12 (K1), Yuna_13 (K6), Yunkel11_13 (K1), YuuY_6 (EA10), Zabiza_13 (K1), Zada_6 (EA1), Zavala_13 (K1), Zayuliv_8 (EA5), Zenitsu_6 (EA2), Zepp_9 (EA5), Ziko_42 (DP), ZoeJ_9 (K2),

Start 26:
• Found in 7 of 1777 (0.4%) of genes in pham
• Manual Annotations of this start: 7 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Button_9 (CT), GiKK_11 (CT), Jamzy_11 (CT), Margaret_11 (CT), Nodigi_10 (CT), RanchParmCat_11 (CT), Yakult_9 (CT),

Start 28:
• Found in 11 of 1777 (0.6%) of genes in pham
• Manual Annotations of this start: 10 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Azira_10 (CT), Cleo_8 (CT), Dre3_8 (CT), Fribs8_9 (CT), Gibbous_8 (CT), HippoPololi_10 (CT), MaVan_10 (CT), Nibbles_10 (CT), Survivors_10 (CT), Wolfwood_12 (CT), Zareef_10 (CT),

Start 29:
• Found in 5 of 1777 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 1525

• Called 100.0% of time when present
• Phage (with cluster) where this start called: BaileyBlu_6 (FP), CallinAllBarbz_6 (FP), Elfy_6 (FP), GrimEater_6 (FP), Jankie_6 (FP),

Start 31:
• Found in 36 of 1777 (2.0%) of genes in pham
• Manual Annotations of this start: 3 of 1525
• Called 25.0% of time when present
• Phage (with cluster) where this start called: LilBandit_6 (BU), P104B_6 (BU), P9.1_6 (BU), PHL037M02_06 (BU), PHL067M10_06 (BU), PHL111M01_06 (BU), PHL112N00_06 (BU), PHL113M01_06 (BU), PHL114L00_06 (BU),

Start 32:
• Found in 57 of 1777 (3.2%) of genes in pham
• Manual Annotations of this start: 42 of 1525
• Called 84.2% of time when present
• Phage (with cluster) where this start called: ATCC29399BC_6 (BU), ATCC29399BT_6 (BU), Aquarius_6 (BU), Attacne_6 (BU), BruceLethal_6 (BU), Cota_6 (BU), DrParker_6 (BU), Enochoraptor_6 (BU), Enoki_6 (BU), Keiki_6 (BU), Kubed_6 (BU), Lauchelly_6 (BU), Leviosa_6 (BU), MEAK_6 (BU), Moyashi_6 (BU), MrAK_6 (BU), Ouroboros_6 (BU), P1.1_6 (BU), P100.1_6 (BU), P100A_6 (BU), P100D_6 (BU), P101A_6 (BU), P104A_6 (BU), P105_6 (BU), P106A_6 (BU), P106C_6 (BU), P106I_6 (BU), P106L_6 (BU), P106M_6 (BU), P107A_6 (BU), P107C_6 (BU), P108C_6 (BU), P14.4_6 (BU), PA6_6 (BU), PAD20_6 (BU), PAS50_6 (BU), PHL010M04_06 (BU), PHL060L00_06 (BU), PHL071N05_06 (BU), Pirate_6 (BU), Procrass1_6 (BU), QueenBey_6 (BU), Rileysaurus_6 (BU), SKKY_6 (BU), Solid_6 (BU), Stormborn_6 (BU), Supernova_6 (BU), Wizzo_6 (BU),

Start 34:
• Found in 133 of 1777 (7.5%) of genes in pham
• Manual Annotations of this start: 110 of 1525
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AbbyDaisy_7 (AY), AizenPogi_7 (G1), Angel_7 (G1), Annihilator_7 (G1), Antsirabe_7 (G5), Aroostook_7 (G1), Asapag_7 (DN1), Avani_7 (F2), Avocado_7 (G2), Avrafan_7 (G1), AzulaCat_7 (G1), BENtherdunthat_7 (DN1), BPs_7 (G1), BQuat_7 (G1), Barkley26_7 (G1), Blarby_8 (F), BotCity_7 (DN), BruceB_7 (G1), Budski_7 (DN), CLED96_7 (G1), Cambiare_8 (G2), Camri_7 (G1), CassieYates_7 (G1), Cedasite_7 (G1), Chance64_7 (G1), Che9d_7 (F2), CheeseTouch_7 (DN1), Cherrybomb426_7 (G1), Cloudyecho_7 (G3), Coleslaw_7 (G1), Crespo_7 (G1), DMoney_7 (G1), DNAIII_007 (G1), Darionha_7 (G1), Demsculpinboyz_7 (F2), DingDing_7 (G1), ECartman_7 (G1), Ecliptus_7 (DN), FlagStaff_7 (G2), Frickyeah_7 (DN1), Frosty24_7 (G1), Getalong_7 (DN1), Gideon_7 (G1), GodSpeed_7 (G2), GoldenAsh_7 (G1), Gomashi_7 (G1), Grizzly_7 (G1), Halo_7 (G1), Holliday_7 (DN1), Hope_7 (G1), Horus_7 (DN1), Hotshotbaby7_7 (G1), IdentityCrisis_7 (AJ), Jabbawokkie_8 (F2), Jane_7 (G1), Jeilious_7 (G), Jolene_7 (G1), Jolie2_7 (G4), Jonghyun_7 (G1), JorRay_7 (G1), Kamaru_7 (DN1), Kareem_7 (G1), Kasen3_7 (G1), Kenna_7 (DN1), Lemuria_7 (G4), Leroy_7 (DN1), Liefie_7 (G1), LitninMcQueen_7 (DN1), LouisV14_7 (G1), Lucky10_6 (DH), Lutum_7 (DN1), MOOREtheMARYer_7 (G3), MZKinsey_7 (G1), Maliketh_7 (G1), Malisha_7 (DN), Marmie_7 (G1), Mercurio_8 (G4), Merpity_7 (FQ), Morkie_6 (DH), Mowgli_7 (G1), MrSmee_6 (FQ), Neoh_7 (G), ODay_7 (DN), OctaviousRex_7 (G1), Ogopogo_8 (F1), Olga_7 (G1), P3MA_7 (singleton), Pace1224_7 (G2), Paito_7 (G1), Peeb_7 (G1), Periodt_7 (G1), Periwinkle_7 (DN1), Phabuloso_7 (DN1), Phish_7 (G1), Phistory_7

(DN1), Phloodle_7 (G1), PhorbesPhlower_6 (DH), Phreak_7 (G1), PinkYoshi_7 (G1), Pinnie_8 (G3), Pitbull_6 (FQ), Plagueis_7 (G1), Rabbs_7 (G1), Raqqa_7 (AY), Rattrick_7 (G1), Remy19_7 (G1), Renaissance_7 (G1), Richarlison_7 (G1), Ruriko_7 (G1), Schiebel_7 (G1), ShaboiShabazz_7 (G1), ShawBrad_7 (DN1), SilverChicken_7 (F2), Sizemore_7 (G1), Skitty_6 (FQ), Sneeze_7 (G1), Soul22_7 (F2), Spooky_7 (DN2), Squiddly_8 (DN2), Stargaze_7 (G5), Sweets_7 (G1), Taheera_7 (G1), Terror_7 (G1), TinaBug_7 (G1), TomBrady_7 (G1), WST1_7 (AJ), Wendigo_7 (G1), Whitney_7 (DN1), YangYin_7 (G5), Yoshi_7 (F2), Zapner_8 (F2), ZoMa_7 (G1), Zombie_7 (G1),

Summary by clusters:

There are 69 clusters represented in this pham: FP, DN, FR, DH, FQ, singleton, AJ, A21, K3, FA, K1, AY, K6, K5, K4, G2, K8, DP, A15, A14, G5, A16, G3, A10, A13, A12, EA5, F, A19, A18, A1, A3, A2, A5, A4, A7, A6, A9, A8, EA6, A17, AB, G, AF, CA, DN2, EA, A22, EA9, EA8, G4, DN1, EA1, A11, EA3, EA2, K2, EA4, EA7, CT, A20, F1, F2, F3, EA11, G1, BU, K7, EA10,

Info for manual annotations of cluster A1:
•Start number 8 was manually annotated 213 times for cluster A1.
•Start number 14 was manually annotated 5 times for cluster A1.

Info for manual annotations of cluster A10:
•Start number 8 was manually annotated 17 times for cluster A10.

Info for manual annotations of cluster A11:
•Start number 7 was manually annotated 24 times for cluster A11.

Info for manual annotations of cluster A12:
•Start number 8 was manually annotated 5 times for cluster A12.

Info for manual annotations of cluster A14:
•Start number 13 was manually annotated 4 times for cluster A14.

Info for manual annotations of cluster A15:
•Start number 8 was manually annotated 23 times for cluster A15.

Info for manual annotations of cluster A16:
•Start number 8 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A18:
•Start number 17 was manually annotated 1 time for cluster A18.

Info for manual annotations of cluster A19:
•Start number 8 was manually annotated 1 time for cluster A19.

Info for manual annotations of cluster A2:
•Start number 3 was manually annotated 3 times for cluster A2.
•Start number 5 was manually annotated 1 time for cluster A2.
•Start number 7 was manually annotated 10 times for cluster A2.
•Start number 8 was manually annotated 88 times for cluster A2.

•Start number 13 was manually annotated 4 times for cluster A2.

Info for manual annotations of cluster A20:
•Start number 8 was manually annotated 1 time for cluster A20.

Info for manual annotations of cluster A22:
•Start number 13 was manually annotated 1 time for cluster A22.

Info for manual annotations of cluster A3:
•Start number 10 was manually annotated 116 times for cluster A3.

Info for manual annotations of cluster A4:
•Start number 8 was manually annotated 141 times for cluster A4.

Info for manual annotations of cluster A5:
•Start number 17 was manually annotated 38 times for cluster A5.

Info for manual annotations of cluster A6:
•Start number 4 was manually annotated 1 time for cluster A6.
•Start number 7 was manually annotated 46 times for cluster A6.

Info for manual annotations of cluster A7:
•Start number 8 was manually annotated 3 times for cluster A7.
•Start number 9 was manually annotated 1 time for cluster A7.
•Start number 10 was manually annotated 1 time for cluster A7.

Info for manual annotations of cluster A8:
•Start number 17 was manually annotated 11 times for cluster A8.

Info for manual annotations of cluster A9:
•Start number 8 was manually annotated 35 times for cluster A9.

Info for manual annotations of cluster AB:
•Start number 21 was manually annotated 4 times for cluster AB.

Info for manual annotations of cluster AF:
•Start number 22 was manually annotated 2 times for cluster AF.

Info for manual annotations of cluster AJ:
•Start number 34 was manually annotated 1 time for cluster AJ.

Info for manual annotations of cluster AY:
•Start number 34 was manually annotated 1 time for cluster AY.

Info for manual annotations of cluster BU:
•Start number 31 was manually annotated 3 times for cluster BU.
•Start number 32 was manually annotated 42 times for cluster BU.

Info for manual annotations of cluster CA:
•Start number 18 was manually annotated 36 times for cluster CA.

Info for manual annotations of cluster CT:

•Start number 17 was manually annotated 40 times for cluster CT.
•Start number 24 was manually annotated 2 times for cluster CT.
•Start number 26 was manually annotated 7 times for cluster CT.
•Start number 28 was manually annotated 10 times for cluster CT.

Info for manual annotations of cluster DH:
•Start number 34 was manually annotated 3 times for cluster DH.

Info for manual annotations of cluster DN:
•Start number 34 was manually annotated 5 times for cluster DN.

Info for manual annotations of cluster DN1:
•Start number 34 was manually annotated 15 times for cluster DN1.

Info for manual annotations of cluster DN2:
•Start number 34 was manually annotated 2 times for cluster DN2.

Info for manual annotations of cluster DP:
•Start number 25 was manually annotated 6 times for cluster DP.

Info for manual annotations of cluster EA:
•Start number 25 was manually annotated 1 time for cluster EA.

Info for manual annotations of cluster EA1:
•Start number 24 was manually annotated 10 times for cluster EA1.
•Start number 25 was manually annotated 116 times for cluster EA1.

Info for manual annotations of cluster EA10:
•Start number 25 was manually annotated 7 times for cluster EA10.

Info for manual annotations of cluster EA11:
•Start number 25 was manually annotated 5 times for cluster EA11.

Info for manual annotations of cluster EA2:
•Start number 25 was manually annotated 13 times for cluster EA2.

Info for manual annotations of cluster EA3:
•Start number 24 was manually annotated 3 times for cluster EA3.

Info for manual annotations of cluster EA4:
•Start number 25 was manually annotated 11 times for cluster EA4.

Info for manual annotations of cluster EA5:
•Start number 25 was manually annotated 13 times for cluster EA5.

Info for manual annotations of cluster EA6:
•Start number 24 was manually annotated 2 times for cluster EA6.
•Start number 25 was manually annotated 5 times for cluster EA6.

Info for manual annotations of cluster EA7:
•Start number 25 was manually annotated 1 time for cluster EA7.

Info for manual annotations of cluster EA8:

•Start number 25 was manually annotated 1 time for cluster EA8.

Info for manual annotations of cluster EA9:
•Start number 25 was manually annotated 3 times for cluster EA9.

Info for manual annotations of cluster F1:
•Start number 25 was manually annotated 58 times for cluster F1.
•Start number 34 was manually annotated 1 time for cluster F1.

Info for manual annotations of cluster F2:
•Start number 34 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F3:
•Start number 25 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster FA:
•Start number 12 was manually annotated 10 times for cluster FA.

Info for manual annotations of cluster FP:
•Start number 29 was manually annotated 2 times for cluster FP.

Info for manual annotations of cluster FQ:
•Start number 18 was manually annotated 1 time for cluster FQ.
•Start number 34 was manually annotated 3 times for cluster FQ.

Info for manual annotations of cluster FR:
•Start number 18 was manually annotated 2 times for cluster FR.

Info for manual annotations of cluster G1:
•Start number 34 was manually annotated 62 times for cluster G1.

Info for manual annotations of cluster G2:
•Start number 34 was manually annotated 3 times for cluster G2.

Info for manual annotations of cluster G3:
•Start number 34 was manually annotated 2 times for cluster G3.

Info for manual annotations of cluster G4:
•Start number 34 was manually annotated 2 times for cluster G4.

Info for manual annotations of cluster G5:
•Start number 34 was manually annotated 2 times for cluster G5.

Info for manual annotations of cluster K1:
•Start number 25 was manually annotated 108 times for cluster K1.

Info for manual annotations of cluster K2:
•Start number 25 was manually annotated 11 times for cluster K2.

Info for manual annotations of cluster K3:
•Start number 25 was manually annotated 9 times for cluster K3.

Info for manual annotations of cluster K4:
•Start number 25 was manually annotated 22 times for cluster K4.

Info for manual annotations of cluster K5:
•Start number 25 was manually annotated 23 times for cluster K5.

Info for manual annotations of cluster K6:
•Start number 25 was manually annotated 24 times for cluster K6.

Info for manual annotations of cluster K7:
•Start number 25 was manually annotated 1 time for cluster K7.

Info for manual annotations of cluster K8:
•Start number 25 was manually annotated 1 time for cluster K8.

Gene Information:

Gene: 20ES_16 Start: 12180, Stop: 13136, Start Num: 8
Candidate Starts for 20ES_16:
(Start: 8 @12180 has 530 MA's), (19, 12204), (35, 12240), (56, 12336), (75, 12378), (81, 12408), (84, 12432), (95, 12477), (106, 12528), (110, 12540), (120, 12588), (151, 12690), (168, 12747), (230, 12975), (240, 13026),

Gene: 40AC_19 Start: 14194, Stop: 15159, Start Num: 8
Candidate Starts for 40AC_19:
(Start: 8 @14194 has 530 MA's), (35, 14254), (56, 14350), (75, 14392), (81, 14422), (84, 14446), (95, 14491), (106, 14542), (114, 14572), (132, 14656), (196, 14881), (224, 14956), (230, 14992), (240, 15043), (267, 15139),

Gene: 8UZL_9 Start: 6448, Stop: 7437, Start Num: 21
Candidate Starts for 8UZL_9:
(Start: 21 @6448 has 4 MA's), (43, 6511), (44, 6523), (55, 6574), (56, 6580), (73, 6637), (88, 6694), (94, 6721), (116, 6811), (148, 6928), (150, 6934), (176, 7018), (209, 7138), (225, 7189), (237, 7276), (252, 7339),

Gene: A6_13 Start: 11166, Stop: 12167, Start Num: 8
Candidate Starts for A6_13:
(Start: 8 @11166 has 530 MA's), (52, 11310), (62, 11361), (69, 11376), (96, 11496), (100, 11517), (118, 11592), (131, 11652), (146, 11703), (162, 11754), (184, 11838), (230, 12015), (240, 12054), (241, 12060), (264, 12144),

Gene: ACFishhook_17 Start: 11691, Stop: 12689, Start Num: 10
Candidate Starts for ACFishhook_17:
(Start: 10 @11691 has 117 MA's), (56, 11832), (90, 11952), (99, 11991), (106, 12024), (158, 12222), (178, 12291), (184, 12318), (204, 12399), (230, 12492), (236, 12537), (238, 12543), (244, 12576), (254, 12612), (260, 12636),

Gene: AFIS_15 Start: 11504, Stop: 12505, Start Num: 8
Candidate Starts for AFIS_15:

(Start: 8 @11504 has 530 MA's), (52, 11648), (62, 11699), (69, 11714), (96, 11834), (100, 11855), (118, 11930), (131, 11990), (162, 12092), (184, 12176), (221, 12296), (230, 12353), (240, 12392), (241, 12398), (254, 12449),

Gene: AN3_16 Start: 12170, Stop: 13126, Start Num: 8
Candidate Starts for AN3_16:
(Start: 8 @12170 has 530 MA's), (19, 12194), (35, 12230), (56, 12326), (75, 12368), (81, 12398), (84, 12422), (95, 12467), (106, 12518), (110, 12530), (120, 12578), (151, 12680), (168, 12737), (230, 12965), (240, 13016),

Gene: AN9_19 Start: 12128, Stop: 13129, Start Num: 8
Candidate Starts for AN9_19:
(Start: 8 @12128 has 530 MA's), (35, 12188), (55, 12278), (56, 12284), (75, 12326), (81, 12356), (84, 12380), (95, 12425), (106, 12476), (110, 12488), (114, 12506), (154, 12656), (230, 12956), (240, 13007), (258, 13076), (260, 13088),

Gene: ANI8_19 Start: 12128, Stop: 13129, Start Num: 8
Candidate Starts for ANI8_19:
(Start: 8 @12128 has 530 MA's), (35, 12188), (55, 12278), (56, 12284), (75, 12326), (81, 12356), (84, 12380), (95, 12425), (106, 12476), (110, 12488), (114, 12506), (154, 12656), (230, 12956), (240, 13007), (258, 13076), (260, 13088),

Gene: ATCC29399BC_6 Start: 4644, Stop: 5591, Start Num: 32
Candidate Starts for ATCC29399BC_6:
(Start: 32 @4644 has 42 MA's), (44, 4692), (53, 4734), (63, 4776), (71, 4788), (91, 4887), (92, 4890), (99, 4920), (103, 4950), (159, 5157), (165, 5181), (174, 5217), (183, 5253), (189, 5280), (195, 5298), (206, 5340), (246, 5484), (253, 5511), (263, 5544),

Gene: ATCC29399BT_6 Start: 4640, Stop: 5587, Start Num: 32
Candidate Starts for ATCC29399BT_6:
(Start: 31 @4637 has 3 MA's), (Start: 32 @4640 has 42 MA's), (44, 4688), (63, 4772), (92, 4886), (99, 4916), (103, 4946), (116, 4997), (127, 5054), (129, 5060), (159, 5153), (165, 5177), (174, 5213), (183, 5249), (206, 5336), (246, 5480), (253, 5507), (263, 5540),

Gene: AbbyDaisy_7 Start: 5038, Stop: 5925, Start Num: 34
Candidate Starts for AbbyDaisy_7:
(Start: 34 @5038 has 110 MA's), (53, 5125), (59, 5152), (77, 5209), (86, 5257), (94, 5290), (98, 5308), (155, 5530), (185, 5632),

Gene: AbbyPaige_18 Start: 12625, Stop: 13581, Start Num: 8
Candidate Starts for AbbyPaige_18:
(Start: 8 @12625 has 530 MA's), (35, 12685), (46, 12733), (50, 12754), (56, 12781), (75, 12823), (81, 12853), (84, 12877), (106, 12973), (110, 12985), (143, 13108), (151, 13135), (158, 13162), (172, 13207), (222, 13366), (224, 13384), (230, 13420), (240, 13471),

Gene: AbbysRanger_15 Start: 11509, Stop: 12441, Start Num: 8
Candidate Starts for AbbysRanger_15:
(Start: 8 @11509 has 530 MA's), (35, 11569), (56, 11665), (60, 11680), (81, 11737), (84, 11761), (106, 11857), (131, 11962), (174, 12085), (184, 12127), (230, 12289), (240, 12340), (249, 12376), (258, 12409),

Gene: Abbyshoes_16 Start: 11593, Stop: 12609, Start Num: 8
Candidate Starts for Abbyshoes_16:

(Start: 8 @11593 has 530 MA's), (62, 11788), (69, 11803), (75, 11818), (88, 11890), (96, 11923), (100, 11944), (118, 12019), (131, 12079), (184, 12265), (229, 12436), (230, 12442), (241, 12499), (250, 12535),

Gene: Abdiel_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Abdiel_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Abrogate_160 Start: 12249, Stop: 13256, Start Num: 8
Candidate Starts for Abrogate_160:
(Start: 8 @12249 has 530 MA's), (52, 12393), (62, 12444), (69, 12459), (96, 12579), (100, 12600), (118, 12675), (131, 12735), (146, 12786), (155, 12819), (162, 12837), (184, 12921), (229, 13092), (230, 13098), (241, 13152),

Gene: Achebe_15 Start: 11488, Stop: 12420, Start Num: 8
Candidate Starts for Achebe_15:
(Start: 8 @11488 has 530 MA's), (35, 11548), (56, 11644), (60, 11659), (76, 11701), (81, 11716), (84, 11740), (106, 11836), (114, 11866), (126, 11920), (174, 12064), (184, 12106), (230, 12268), (240, 12319), (249, 12355), (258, 12388),

Gene: Acme_17 Start: 11940, Stop: 12950, Start Num: 8
Candidate Starts for Acme_17:
(Start: 8 @11940 has 530 MA's), (52, 12084), (62, 12135), (69, 12150), (96, 12270), (100, 12291), (118, 12366), (131, 12426), (155, 12510), (162, 12528), (184, 12612), (229, 12783), (230, 12789), (241, 12843),

Gene: Acolyte_16 Start: 12319, Stop: 13275, Start Num: 8
Candidate Starts for Acolyte_16:
(Start: 8 @12319 has 530 MA's), (35, 12379), (50, 12448), (55, 12469), (56, 12475), (75, 12517), (81, 12547), (84, 12571), (95, 12616), (106, 12667), (114, 12697), (140, 12802), (158, 12856), (224, 13078),

Gene: Acosta_7 Start: 4827, Stop: 5819, Start Num: 25
Candidate Starts for Acosta_7:
(Start: 25 @4827 has 441 MA's), (56, 4944), (73, 5001), (80, 5034), (91, 5088), (96, 5106), (165, 5376), (222, 5556), (225, 5577), (228, 5598), (239, 5670), (245, 5697),

Gene: ActinUp_13 Start: 7931, Stop: 8869, Start Num: 25
Candidate Starts for ActinUp_13:
(Start: 25 @7931 has 441 MA's), (50, 8021), (56, 8048), (93, 8195), (96, 8207), (98, 8219), (119, 8306), (139, 8390), (150, 8420), (219, 8618), (226, 8657), (239, 8741), (240, 8744), (248, 8777), (255, 8801), (269, 8843),

Gene: Adahisdi_16 Start: 11831, Stop: 12832, Start Num: 8
Candidate Starts for Adahisdi_16:
(Start: 8 @11831 has 530 MA's), (52, 11975), (62, 12026), (69, 12041), (96, 12161), (100, 12182), (118, 12257), (131, 12317), (155, 12401), (162, 12419), (184, 12503), (221, 12623), (230, 12680), (240, 12719), (241, 12725),

Gene: Adephagia_13 Start: 7931, Stop: 8869, Start Num: 25
Candidate Starts for Adephagia_13:

(Start: 25 @7931 has 441 MA's), (50, 8021), (56, 8048), (93, 8195), (96, 8207), (98, 8219), (119, 8306), (139, 8390), (150, 8420), (219, 8618), (226, 8657), (239, 8741), (240, 8744), (248, 8777), (255, 8801), (269, 8843),

Gene: Adonis_13 Start: 7942, Stop: 8874, Start Num: 25
Candidate Starts for Adonis_13:
(Start: 25 @7942 has 441 MA's), (50, 8032), (56, 8059), (93, 8206), (96, 8218), (98, 8230), (119, 8317), (139, 8401), (150, 8431), (219, 8629), (226, 8668), (239, 8752), (240, 8755), (248, 8788), (255, 8812), (269, 8854),

Gene: Adzzy_17 Start: 10935, Stop: 11891, Start Num: 8
Candidate Starts for Adzzy_17:
(Start: 8 @10935 has 530 MA's), (35, 10995), (55, 11085), (56, 11091), (75, 11133), (81, 11163), (84, 11187), (95, 11232), (106, 11283), (110, 11295), (114, 11313), (140, 11418), (158, 11472), (172, 11517), (190, 11592), (192, 11601), (222, 11676),

Gene: Aeneas_17 Start: 11926, Stop: 12924, Start Num: 8
Candidate Starts for Aeneas_17:
(Start: 8 @11926 has 530 MA's), (52, 12070), (62, 12121), (69, 12136), (96, 12256), (100, 12277), (118, 12352), (131, 12412), (162, 12514), (184, 12598), (221, 12718), (230, 12775), (240, 12814), (241, 12820),

Gene: Agaliana_15 Start: 11642, Stop: 12658, Start Num: 8
Candidate Starts for Agaliana_15:
(Start: 8 @11642 has 530 MA's), (62, 11837), (69, 11852), (75, 11867), (88, 11939), (96, 11972), (100, 11993), (118, 12068), (131, 12128), (184, 12314), (229, 12485), (230, 12491), (241, 12548), (250, 12584), (254, 12599),

Gene: Agamotto_10 Start: 8644, Stop: 9555, Start Num: 18
Candidate Starts for Agamotto_10:
(Start: 18 @8644 has 40 MA's), (84, 8866), (88, 8881), (104, 8953), (133, 9082), (158, 9139), (172, 9184), (174, 9193), (255, 9511),

Gene: Agape74_18 Start: 12625, Stop: 13581, Start Num: 8
Candidate Starts for Agape74_18:
(Start: 8 @12625 has 530 MA's), (35, 12685), (46, 12733), (56, 12781), (75, 12823), (81, 12853), (84, 12877), (106, 12973), (110, 12985), (143, 13108), (151, 13135), (158, 13162), (172, 13207), (222, 13366), (224, 13384), (230, 13420), (240, 13471),

Gene: Agatha_8 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for Agatha_8:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (79, 5608), (110, 5746), (118, 5782), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: Agent47_11 Start: 8100, Stop: 9020, Start Num: 25
Candidate Starts for Agent47_11:
(Start: 25 @8100 has 441 MA's), (56, 8217), (61, 8244), (80, 8304), (87, 8340), (89, 8346), (96, 8376), (103, 8412), (119, 8475), (124, 8505), (239, 8910), (240, 8913), (248, 8946), (255, 8970),

Gene: AgentM_13 Start: 10877, Stop: 11809, Start Num: 17
Candidate Starts for AgentM_13:
(Start: 17 @10877 has 90 MA's), (56, 11006), (75, 11048), (81, 11078), (99, 11165), (106, 11198), (151, 11339), (184, 11462), (190, 11486), (205, 11546), (222, 11585), (225, 11606), (231, 11654),

(244, 11711), (254, 11747), (260, 11771),

Gene: Agente005_7 Start: 4870, Stop: 5862, Start Num: 25
Candidate Starts for Agente005_7:
(Start: 25 @4870 has 441 MA's), (56, 4987), (73, 5044), (91, 5131), (115, 5230), (158, 5398), (165, 5419), (166, 5425), (225, 5620), (228, 5641), (239, 5713), (240, 5716), (245, 5740),

Gene: Ageofdapage_13 Start: 7870, Stop: 8805, Start Num: 25
Candidate Starts for Ageofdapage_13:
(Start: 25 @7870 has 441 MA's), (50, 7960), (56, 7987), (83, 8092), (93, 8134), (96, 8146), (98, 8158), (119, 8245), (150, 8359), (219, 8557), (226, 8596), (239, 8680), (240, 8683), (248, 8716), (255, 8740), (269, 8782),

Gene: Aglet_17 Start: 11540, Stop: 12532, Start Num: 10
Candidate Starts for Aglet_17:
(Start: 10 @11540 has 117 MA's), (56, 11681), (90, 11801), (99, 11840), (106, 11873), (131, 11984), (158, 12071), (184, 12167), (204, 12248), (218, 12275), (222, 12287), (230, 12341), (236, 12386), (238, 12392), (244, 12425), (254, 12461), (260, 12485),

Gene: AgronaGT15_17 Start: 11447, Stop: 12439, Start Num: 10
Candidate Starts for AgronaGT15_17:
(Start: 10 @11447 has 117 MA's), (56, 11588), (90, 11708), (99, 11747), (106, 11780), (131, 11891), (158, 11978), (184, 12074), (204, 12155), (218, 12182), (222, 12194), (230, 12248), (236, 12293), (238, 12299), (244, 12332), (254, 12368), (260, 12392),

Gene: AikoCarson_7 Start: 5103, Stop: 6074, Start Num: 17
Candidate Starts for AikoCarson_7:
(Start: 17 @5103 has 90 MA's), (37, 5154), (97, 5412), (99, 5421), (110, 5466), (134, 5577), (144, 5604), (170, 5703), (187, 5757), (196, 5793), (197, 5796), (202, 5811), (204, 5823), (249, 5979), (260, 6024), (261, 6027),

Gene: Airmid_13 Start: 10628, Stop: 11569, Start Num: 17
Candidate Starts for Airmid_13:
(Start: 17 @10628 has 90 MA's), (56, 10757), (81, 10829), (99, 10916), (106, 10949), (114, 10979), (151, 11090), (184, 11213), (190, 11237), (205, 11297), (222, 11336), (225, 11357), (231, 11405), (244, 11462), (254, 11498), (260, 11522),

Gene: AizenPogi_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for AizenPogi_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Ajay_15 Start: 11638, Stop: 12648, Start Num: 8
Candidate Starts for Ajay_15:
(Start: 8 @11638 has 530 MA's), (62, 11833), (69, 11848), (96, 11968), (100, 11989), (118, 12064), (131, 12124), (184, 12310), (229, 12481), (230, 12487), (241, 12544), (250, 12580),

Gene: Alakazam_9 Start: 5969, Stop: 6946, Start Num: 25
Candidate Starts for Alakazam_9:
(Start: 25 @5969 has 441 MA's), (45, 6032), (55, 6080), (56, 6086), (60, 6107), (83, 6194), (110, 6308), (118, 6344), (136, 6425), (158, 6497), (168, 6530), (181, 6578), (217, 6683), (222, 6698), (224, 6716), (239, 6800), (240, 6803), (245, 6827),

Gene: Alatin_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Alatin_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Albee_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Albee_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Alberto7_16 Start: 11784, Stop: 12716, Start Num: 8
Candidate Starts for Alberto7_16:
(Start: 8 @11784 has 530 MA's), (35, 11844), (56, 11940), (81, 12012), (84, 12036), (106, 12132), (126, 12216), (174, 12360), (184, 12402), (230, 12564), (233, 12597), (240, 12615), (249, 12651), (258, 12684),

Gene: Aldrich_16 Start: 12144, Stop: 13151, Start Num: 8
Candidate Starts for Aldrich_16:
(Start: 8 @12144 has 530 MA's), (52, 12288), (62, 12339), (69, 12354), (96, 12474), (100, 12495), (118, 12570), (131, 12630), (155, 12714), (162, 12732), (184, 12816), (230, 12993), (240, 13032), (241, 13038),

Gene: AlexAdler_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for AlexAdler_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (219, 5410), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Alexphander_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Alexphander_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (232, 5775), (239, 5805), (242, 5820), (248, 5841),

Gene: AlishaPH_13 Start: 7933, Stop: 8868, Start Num: 25
Candidate Starts for AlishaPH_13:
(Start: 25 @7933 has 441 MA's), (50, 8023), (56, 8050), (93, 8197), (96, 8209), (98, 8221), (119, 8308), (139, 8392), (150, 8422), (219, 8620), (226, 8659), (239, 8743), (240, 8746), (248, 8779), (255, 8803), (269, 8845),

Gene: Aliter_17 Start: 12776, Stop: 13735, Start Num: 8
Candidate Starts for Aliter_17:
(Start: 8 @12776 has 530 MA's), (35, 12836), (55, 12926), (56, 12932), (75, 12974), (81, 13004), (84, 13028), (95, 13073), (106, 13124), (110, 13136), (114, 13154), (147, 13277), (151, 13289), (222, 13520), (240, 13625),

Gene: AlleyCat_11 Start: 7993, Stop: 8925, Start Num: 25
Candidate Starts for AlleyCat_11:
(Start: 25 @7993 has 441 MA's), (56, 8110), (61, 8137), (80, 8197), (87, 8233), (89, 8239), (96, 8269), (103, 8305), (119, 8368), (124, 8398), (239, 8803), (240, 8806), (255, 8863),

Gene: Alma_17 Start: 12855, Stop: 13814, Start Num: 8

Candidate Starts for Alma_17:
(Start: 8 @12855 has 530 MA's), (35, 12915), (55, 13005), (56, 13011), (75, 13053), (81, 13083), (84, 13107), (95, 13152), (106, 13203), (110, 13215), (114, 13233), (147, 13356), (151, 13368), (222, 13599), (240, 13704),

Gene: Aloeri_7 Start: 5011, Stop: 5919, Start Num: 25
Candidate Starts for Aloeri_7:
(Start: 25 @5011 has 441 MA's), (50, 5101), (51, 5104), (56, 5128), (73, 5185), (80, 5215), (98, 5299), (118, 5383), (124, 5416), (164, 5548), (175, 5590), (222, 5707), (223, 5710), (229, 5755), (239, 5809), (242, 5824), (248, 5845),

Gene: Alpacados_11 Start: 7663, Stop: 8565, Start Num: 18
Candidate Starts for Alpacados_11:
(Start: 18 @7663 has 40 MA's), (56, 7792), (85, 7894), (96, 7936), (99, 7951), (106, 7984), (135, 8107), (178, 8239), (192, 8299), (200, 8332),

Gene: Alsfro_19 Start: 12380, Stop: 13387, Start Num: 8
Candidate Starts for Alsfro_19:
(Start: 8 @12380 has 530 MA's), (52, 12524), (62, 12575), (69, 12590), (96, 12710), (100, 12731), (118, 12806), (131, 12866), (162, 12968), (184, 13052), (191, 13082), (229, 13223), (230, 13229), (241, 13277),

Gene: Altman_16 Start: 12175, Stop: 13182, Start Num: 8
Candidate Starts for Altman_16:
(Start: 8 @12175 has 530 MA's), (52, 12319), (62, 12370), (69, 12385), (96, 12505), (100, 12526), (118, 12601), (131, 12661), (155, 12745), (162, 12763), (184, 12847), (229, 13018), (230, 13024), (234, 13057), (241, 13078), (254, 13129),

Gene: Alvin_16 Start: 11849, Stop: 12859, Start Num: 8
Candidate Starts for Alvin_16:
(Start: 8 @11849 has 530 MA's), (52, 11993), (62, 12044), (69, 12059), (96, 12179), (100, 12200), (118, 12275), (123, 12308), (131, 12335), (155, 12419), (162, 12437), (184, 12521), (221, 12641), (230, 12698), (241, 12746),

Gene: Alyxandracam_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Alyxandracam_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Amelie_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for Amelie_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: Amgine_11 Start: 7569, Stop: 8492, Start Num: 25
Candidate Starts for Amgine_11:
(Start: 25 @7569 has 441 MA's), (44, 7629), (50, 7659), (56, 7686), (61, 7713), (80, 7773), (96, 7845), (98, 7857), (124, 7974), (144, 8037), (177, 8157), (224, 8283), (226, 8295), (229, 8313), (239, 8379), (240, 8382), (248, 8415), (255, 8439),

Gene: Aminay_11 Start: 7845, Stop: 8768, Start Num: 25
Candidate Starts for Aminay_11:

(Start: 25 @7845 has 441 MA's), (50, 7935), (56, 7962), (61, 7989), (96, 8121), (102, 8151), (103, 8157), (118, 8217), (128, 8265), (136, 8295), (168, 8397), (183, 8457), (224, 8559), (226, 8571), (229, 8589), (239, 8655), (248, 8691), (259, 8730),

Gene: Amohnition_12 Start: 7821, Stop: 8753, Start Num: 25
Candidate Starts for Amohnition_12:
(Start: 25 @7821 has 441 MA's), (50, 7911), (56, 7938), (61, 7965), (96, 8097), (109, 8154), (128, 8241), (136, 8271), (150, 8310), (177, 8409), (224, 8535), (226, 8547), (229, 8565), (239, 8631), (240, 8634), (255, 8691),

Gene: Amok_7 Start: 5104, Stop: 6075, Start Num: 17
Candidate Starts for Amok_7:
(Start: 17 @5104 has 90 MA's), (37, 5155), (86, 5368), (97, 5413), (99, 5422), (110, 5467), (134, 5578), (144, 5605), (187, 5758), (196, 5794), (197, 5797), (204, 5824), (249, 5980), (260, 6025), (261, 6028),

Gene: Anaya_14 Start: 7935, Stop: 8870, Start Num: 25
Candidate Starts for Anaya_14:
(Start: 25 @7935 has 441 MA's), (50, 8025), (56, 8052), (61, 8079), (93, 8199), (96, 8211), (98, 8223), (103, 8247), (119, 8310), (150, 8424), (219, 8622), (226, 8661), (229, 8679), (239, 8745), (240, 8748), (248, 8781), (250, 8790), (255, 8805), (269, 8847),

Gene: Anaysia_18 Start: 11295, Stop: 12245, Start Num: 8
Candidate Starts for Anaysia_18:
(Start: 8 @11295 has 530 MA's), (35, 11355), (56, 11451), (81, 11523), (84, 11547), (95, 11592), (106, 11643), (114, 11673), (225, 12051), (249, 12171), (260, 12216),

Gene: AndPeggy_7 Start: 5411, Stop: 6367, Start Num: 17
Candidate Starts for AndPeggy_7:
(Start: 17 @5411 has 90 MA's), (37, 5453), (86, 5666), (97, 5711), (99, 5720), (110, 5765), (134, 5876), (170, 6002), (187, 6056), (196, 6092), (197, 6095), (204, 6122), (249, 6278), (260, 6323), (261, 6326),

Gene: Andromedas_6 Start: 4885, Stop: 5826, Start Num: 25
Candidate Starts for Andromedas_6:
(Start: 25 @4885 has 441 MA's), (49, 4972), (56, 5002), (58, 5014), (60, 5023), (73, 5059), (110, 5224), (128, 5308), (158, 5407), (225, 5629), (239, 5710), (273, 5815),

Gene: Aneem_16 Start: 12699, Stop: 13688, Start Num: 7
Candidate Starts for Aneem_16:
(Start: 7 @12699 has 80 MA's), (35, 12759), (43, 12789), (55, 12849), (56, 12855), (75, 12897), (81, 12927), (84, 12951), (95, 12996), (106, 13047), (110, 13059), (114, 13077), (132, 13161), (147, 13197), (151, 13209), (158, 13236), (230, 13494), (253, 13599),

Gene: Angel_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Angel_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Angelica_13 Start: 7902, Stop: 8840, Start Num: 25
Candidate Starts for Angelica_13:
(Start: 25 @7902 has 441 MA's), (50, 7992), (56, 8019), (93, 8166), (96, 8178), (98, 8190), (119, 8277), (139, 8361), (150, 8391), (219, 8589), (226, 8628), (239, 8712), (240, 8715), (248, 8748), (255, 8772), (269, 8814),

Gene: Anglerfish_16 Start: 12562, Stop: 13578, Start Num: 8
Candidate Starts for Anglerfish_16:
(Start: 8 @12562 has 530 MA's), (62, 12757), (69, 12772), (75, 12787), (88, 12859), (96, 12892), (100, 12913), (118, 12988), (131, 13048), (184, 13234), (229, 13405), (230, 13411), (241, 13468), (250, 13504), (254, 13519),

Gene: AngryOrchard_11 Start: 7646, Stop: 8548, Start Num: 18
Candidate Starts for AngryOrchard_11:
(Start: 18 @7646 has 40 MA's), (56, 7775), (85, 7877), (96, 7919), (99, 7934), (106, 7967), (178, 8222), (192, 8282), (200, 8315),

Gene: Anilorac_6 Start: 4713, Stop: 5705, Start Num: 25
Candidate Starts for Anilorac_6:
(Start: 25 @4713 has 441 MA's), (56, 4830), (73, 4887), (91, 4974), (115, 5073), (158, 5241), (165, 5262), (166, 5268), (225, 5463), (228, 5484), (239, 5556), (240, 5559), (245, 5583),

Gene: Anma_13 Start: 7882, Stop: 8817, Start Num: 25
Candidate Starts for Anma_13:
(Start: 25 @7882 has 441 MA's), (50, 7972), (56, 7999), (93, 8146), (96, 8158), (98, 8170), (119, 8257), (150, 8371), (219, 8569), (226, 8608), (229, 8626), (239, 8692), (248, 8728), (255, 8752), (269, 8794),

Gene: AnnaL29_19 Start: 14013, Stop: 14969, Start Num: 8
Candidate Starts for AnnaL29_19:
(Start: 8 @14013 has 530 MA's), (35, 14073), (50, 14142), (56, 14169), (75, 14211), (81, 14241), (84, 14265), (95, 14310), (106, 14361), (114, 14391), (120, 14421), (132, 14475), (143, 14496), (158, 14550), (172, 14595), (196, 14697), (224, 14772), (230, 14808), (240, 14859),

Gene: AnnabelLee_8 Start: 5499, Stop: 6410, Start Num: 18
Candidate Starts for AnnabelLee_8:
(Start: 18 @5499 has 40 MA's), (70, 5655), (84, 5721), (88, 5736), (104, 5808), (119, 5868), (158, 5994), (172, 6039), (174, 6048), (227, 6246), (230, 6267), (255, 6366), (260, 6387),

Gene: Annihilator_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Annihilator_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Annyong_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for Annyong_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: Anon_16 Start: 11653, Stop: 12609, Start Num: 8
Candidate Starts for Anon_16:
(Start: 8 @11653 has 530 MA's), (35, 11713), (56, 11809), (81, 11881), (84, 11905), (95, 11950), (106, 12001), (110, 12013), (114, 12031), (260, 12580),

Gene: Anselm_16 Start: 12272, Stop: 13228, Start Num: 8
Candidate Starts for Anselm_16:
(Start: 8 @12272 has 530 MA's), (35, 12332), (46, 12380), (56, 12428), (75, 12470), (81, 12500), (84, 12524), (95, 12569), (106, 12620), (114, 12650), (143, 12755), (158, 12809), (172, 12854), (222, 13013), (224, 13031), (230, 13067), (240, 13118),

Gene: Anthony_15 Start: 10391, Stop: 11347, Start Num: 8
Candidate Starts for Anthony_15:
(Start: 8 @10391 has 530 MA's), (35, 10451), (42, 10478), (50, 10520), (55, 10541), (56, 10547), (75, 10589), (81, 10619), (84, 10643), (95, 10688), (99, 10706), (106, 10739), (110, 10751), (114, 10769), (140, 10874), (158, 10928), (171, 10970), (192, 11057), (240, 11237), (253, 11291),

Gene: Antoinette_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Antoinette_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (115, 5068), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Antsirabe_7 Start: 7265, Stop: 8191, Start Num: 34
Candidate Starts for Antsirabe_7:
(Start: 34 @7265 has 110 MA's), (47, 7322), (48, 7325), (53, 7352), (86, 7484), (94, 7517), (103, 7568), (118, 7628), (126, 7667), (130, 7685), (153, 7766), (190, 7898), (198, 7928), (202, 7940), (230, 8057), (260, 8165), (269, 8183),

Gene: Anubis_19 Start: 11425, Stop: 12417, Start Num: 10
Candidate Starts for Anubis_19:
(Start: 10 @11425 has 117 MA's), (56, 11566), (90, 11686), (99, 11725), (106, 11758), (131, 11869), (158, 11956), (184, 12052), (204, 12133), (218, 12160), (222, 12172), (230, 12226), (236, 12271), (238, 12277), (244, 12310), (254, 12346), (260, 12370),

Gene: Apocalypse_13 Start: 7909, Stop: 8844, Start Num: 25
Candidate Starts for Apocalypse_13:
(Start: 25 @7909 has 441 MA's), (50, 7999), (56, 8026), (93, 8173), (96, 8185), (98, 8197), (119, 8284), (139, 8368), (150, 8398), (219, 8596), (226, 8635), (239, 8719), (240, 8722), (248, 8755), (255, 8779), (269, 8821),

Gene: AppleCloud_10 Start: 7410, Stop: 8312, Start Num: 18
Candidate Starts for AppleCloud_10:
(Start: 18 @7410 has 40 MA's), (56, 7539), (85, 7641), (96, 7683), (99, 7698), (106, 7731), (178, 7986), (192, 8046), (200, 8079),

Gene: Applecrisp_11 Start: 7970, Stop: 8893, Start Num: 25
Candidate Starts for Applecrisp_11:
(Start: 25 @7970 has 441 MA's), (50, 8060), (56, 8087), (61, 8114), (80, 8174), (96, 8246), (98, 8258), (109, 8303), (124, 8375), (144, 8438), (177, 8558), (224, 8684), (226, 8696), (229, 8714), (239, 8780), (240, 8783), (248, 8816), (255, 8840),

Gene: Applejack_15 Start: 11575, Stop: 12573, Start Num: 8
Candidate Starts for Applejack_15:
(Start: 8 @11575 has 530 MA's), (52, 11719), (62, 11770), (69, 11785), (96, 11905), (100, 11926), (118, 12001), (131, 12061), (155, 12145), (162, 12163), (184, 12247), (221, 12367), (230, 12424), (240, 12463), (241, 12469),

Gene: Aquarius_6 Start: 4637, Stop: 5581, Start Num: 32
Candidate Starts for Aquarius_6:
(Start: 32 @4637 has 42 MA's), (44, 4685), (53, 4727), (63, 4769), (71, 4781), (92, 4883), (96, 4898), (99, 4913), (104, 4946), (116, 4994), (129, 5057), (159, 5150), (165, 5174), (171, 5198), (174, 5210), (183, 5246), (189, 5273), (202, 5315), (206, 5333), (218, 5351), (241, 5456), (246, 5477), (251, 5495),

(253, 5504), (261, 5534), (263, 5537),

Gene: ArV2_06 Start: 4761, Stop: 5657, Start Num: 18
Candidate Starts for ArV2_06:
(Start: 18 @4761 has 40 MA's), (30, 4782), (50, 4860), (55, 4881), (95, 5028), (104, 5070), (158, 5262), (184, 5358), (225, 5481), (230, 5514), (245, 5577),

Gene: Aragog_13 Start: 10907, Stop: 11839, Start Num: 17
Candidate Starts for Aragog_13:
(Start: 17 @10907 has 90 MA's), (56, 11036), (75, 11078), (81, 11108), (99, 11195), (106, 11228), (151, 11369), (184, 11492), (190, 11516), (205, 11576), (222, 11615), (225, 11636), (231, 11684), (244, 11741), (254, 11777), (260, 11801),

Gene: AranulaLuti_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for AranulaLuti_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Arcanine_16 Start: 11512, Stop: 12528, Start Num: 8
Candidate Starts for Arcanine_16:
(Start: 8 @11512 has 530 MA's), (62, 11707), (69, 11722), (96, 11842), (100, 11863), (118, 11938), (131, 11998), (184, 12184), (229, 12355), (230, 12361), (241, 12418), (250, 12454),

Gene: ArcherNM_18 Start: 13960, Stop: 14916, Start Num: 8
Candidate Starts for ArcherNM_18:
(Start: 8 @13960 has 530 MA's), (35, 14020), (56, 14116), (75, 14158), (81, 14188), (84, 14212), (95, 14257), (106, 14308), (110, 14320), (120, 14368), (143, 14443), (151, 14470), (158, 14497), (172, 14542), (222, 14701), (224, 14719), (230, 14755), (240, 14806),

Gene: Archetta_13 Start: 10620, Stop: 11552, Start Num: 17
Candidate Starts for Archetta_13:
(Start: 17 @10620 has 90 MA's), (56, 10749), (81, 10821), (99, 10908), (106, 10941), (151, 11082), (184, 11205), (190, 11229), (205, 11289), (222, 11328), (225, 11349), (231, 11397), (244, 11454), (254, 11490), (260, 11514),

Gene: Arissanae_15 Start: 10971, Stop: 11939, Start Num: 8
Candidate Starts for Arissanae_15:
(Start: 8 @10971 has 530 MA's), (35, 11031), (56, 11127), (81, 11199), (84, 11223), (95, 11268), (106, 11319), (114, 11349), (143, 11454), (158, 11508), (247, 11859),

Gene: Arlo_14 Start: 11200, Stop: 12207, Start Num: 8
Candidate Starts for Arlo_14:
(Start: 8 @11200 has 530 MA's), (69, 11410), (96, 11530), (100, 11551), (118, 11626), (136, 11707), (155, 11770), (162, 11788), (184, 11872), (230, 12049), (241, 12097),

Gene: Aroostook_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Aroostook_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Artemis2UCLA_19 Start: 12118, Stop: 13089, Start Num: 7
Candidate Starts for Artemis2UCLA_19:

(Start: 7 @12118 has 80 MA's), (35, 12178), (56, 12274), (75, 12316), (81, 12346), (84, 12370), (95, 12415), (106, 12466), (110, 12478), (114, 12496), (147, 12601), (196, 12787), (260, 13060),

Gene: Arturo_14 Start: 11593, Stop: 12525, Start Num: 8
Candidate Starts for Arturo_14:
(Start: 8 @11593 has 530 MA's), (35, 11653), (56, 11749), (81, 11821), (84, 11845), (106, 11941), (126, 12025), (174, 12169), (184, 12211), (230, 12373), (233, 12406), (240, 12424), (249, 12460), (258, 12493),

Gene: Asapag_7 Start: 4897, Stop: 5835, Start Num: 34
Candidate Starts for Asapag_7:
(Start: 34 @4897 has 110 MA's), (44, 4939), (45, 4942), (68, 5032), (91, 5134), (105, 5206), (106, 5209), (154, 5398), (198, 5551), (202, 5563), (218, 5626), (228, 5680), (256, 5785), (261, 5806),

Gene: Asayake_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Asayake_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Ashballer_14 Start: 11579, Stop: 12577, Start Num: 8
Candidate Starts for Ashballer_14:
(Start: 8 @11579 has 530 MA's), (52, 11723), (62, 11774), (69, 11789), (96, 11909), (100, 11930), (118, 12005), (131, 12065), (162, 12167), (184, 12251), (221, 12371), (230, 12428), (240, 12467), (241, 12473),

Gene: Asta_6 Start: 4722, Stop: 5648, Start Num: 25
Candidate Starts for Asta_6:
(Start: 25 @4722 has 441 MA's), (56, 4839), (60, 4860), (73, 4896), (93, 4989), (94, 4995), (96, 5001), (110, 5061), (128, 5145), (166, 5259), (204, 5385), (224, 5451), (239, 5535), (245, 5562), (269, 5637),

Gene: Astro_13 Start: 10381, Stop: 11331, Start Num: 17
Candidate Starts for Astro_13:
(Start: 17 @10381 has 90 MA's), (56, 10510), (75, 10552), (99, 10669), (106, 10702), (121, 10777), (152, 10861), (178, 10951), (184, 10978), (192, 11011), (205, 11062), (222, 11101), (244, 11227), (254, 11263),

Gene: Atiba_13 Start: 7897, Stop: 8832, Start Num: 25
Candidate Starts for Atiba_13:
(Start: 25 @7897 has 441 MA's), (50, 7987), (56, 8014), (93, 8161), (96, 8173), (98, 8185), (119, 8272), (139, 8356), (150, 8386), (219, 8584), (226, 8623), (239, 8707), (240, 8710), (248, 8743), (255, 8767), (269, 8809),

Gene: Atkinbua_16 Start: 11554, Stop: 12555, Start Num: 8
Candidate Starts for Atkinbua_16:
(Start: 8 @11554 has 530 MA's), (52, 11698), (69, 11764), (96, 11884), (100, 11905), (118, 11980), (131, 12040), (162, 12142), (184, 12226), (221, 12346), (230, 12403), (240, 12442), (241, 12448),

Gene: Attacne_6 Start: 4645, Stop: 5592, Start Num: 32
Candidate Starts for Attacne_6:
(Start: 32 @4645 has 42 MA's), (44, 4693), (53, 4735), (63, 4777), (71, 4789), (92, 4891), (99, 4921), (103, 4951), (116, 5002), (127, 5059), (159, 5158), (165, 5182), (174, 5218), (183, 5254), (189, 5281), (206, 5341), (222, 5371), (246, 5485), (251, 5503), (253, 5512), (263, 5545),

Gene: Aubergine_6 Start: 4722, Stop: 5648, Start Num: 25
Candidate Starts for Aubergine_6:
(Start: 25 @4722 has 441 MA's), (56, 4839), (60, 4860), (73, 4896), (93, 4989), (94, 4995), (96, 5001), (110, 5061), (128, 5145), (166, 5259), (204, 5385), (224, 5451), (239, 5535), (245, 5562), (269, 5637),

Gene: Audell_11 Start: 8919, Stop: 9830, Start Num: 18
Candidate Starts for Audell_11:
(Start: 18 @8919 has 40 MA's), (55, 9039), (84, 9141), (88, 9156), (95, 9186), (104, 9228), (158, 9414), (172, 9459), (174, 9468), (255, 9786),

Gene: AugsMagnumOpus_19 Start: 11531, Stop: 12523, Start Num: 10
Candidate Starts for AugsMagnumOpus_19:
(Start: 10 @11531 has 117 MA's), (56, 11672), (90, 11792), (99, 11831), (106, 11864), (131, 11975), (158, 12062), (184, 12158), (204, 12239), (218, 12266), (222, 12278), (230, 12332), (236, 12377), (238, 12383), (244, 12416), (254, 12452), (260, 12476),

Gene: Avani_7 Start: 4878, Stop: 5813, Start Num: 34
Candidate Starts for Avani_7:
(Start: 34 @4878 has 110 MA's), (47, 4932), (56, 4977), (68, 5013), (91, 5115), (106, 5190), (152, 5370), (170, 5436), (198, 5532), (207, 5565), (211, 5583), (218, 5607), (226, 5649), (251, 5748), (256, 5766), (261, 5787),

Gene: AvatarAhPeg_15 Start: 11447, Stop: 12379, Start Num: 8
Candidate Starts for AvatarAhPeg_15:
(Start: 8 @11447 has 530 MA's), (35, 11507), (56, 11603), (60, 11618), (81, 11675), (84, 11699), (106, 11795), (114, 11825), (126, 11879), (174, 12023), (184, 12065), (230, 12227), (233, 12260), (240, 12278), (258, 12347),

Gene: Avle17_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Avle17_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Avocado_7 Start: 7255, Stop: 8157, Start Num: 34
Candidate Starts for Avocado_7:
(Start: 34 @7255 has 110 MA's), (47, 7312), (48, 7315), (49, 7327), (53, 7342), (77, 7426), (86, 7474), (94, 7507), (103, 7558), (124, 7651), (130, 7675), (137, 7702), (149, 7729), (155, 7753), (198, 7909), (222, 7969),

Gene: Avrafan_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Avrafan_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Awesomesauce_7 Start: 5010, Stop: 5918, Start Num: 25
Candidate Starts for Awesomesauce_7:
(Start: 25 @5010 has 441 MA's), (50, 5100), (51, 5103), (56, 5127), (73, 5184), (80, 5214), (98, 5298), (124, 5415), (164, 5547), (175, 5589), (222, 5706), (223, 5709), (229, 5754), (239, 5808), (242, 5823), (248, 5844),

Gene: AxiPup_6 Start: 4708, Stop: 5634, Start Num: 25

Candidate Starts for AxiPup_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Axym_8 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for Axym_8:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (135, 5860), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: Ayanochan_18 Start: 12881, Stop: 13840, Start Num: 8
Candidate Starts for Ayanochan_18:
(Start: 8 @12881 has 530 MA's), (35, 12941), (55, 13031), (56, 13037), (75, 13079), (81, 13109), (84, 13133), (95, 13178), (106, 13229), (110, 13241), (114, 13259), (147, 13382), (151, 13394), (222, 13625), (240, 13730),

Gene: Azira_10 Start: 6293, Stop: 7219, Start Num: 28
Candidate Starts for Azira_10:
(Start: 28 @6293 has 10 MA's), (59, 6428), (88, 6539), (97, 6578), (103, 6608), (110, 6632), (118, 6668), (128, 6716), (134, 6743), (153, 6806), (154, 6809), (155, 6812), (187, 6923), (196, 6959), (202, 6977), (204, 6989), (227, 7058), (229, 7073), (248, 7142), (256, 7172),

Gene: AzulaCat_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for AzulaCat_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: B1_13 Start: 10746, Stop: 11738, Start Num: 10
Candidate Starts for B1_13:
(Start: 10 @10746 has 117 MA's), (16, 10755), (56, 10887), (90, 11007), (99, 11046), (106, 11079), (131, 11190), (132, 11199), (171, 11316), (184, 11370), (205, 11454), (230, 11544), (238, 11595), (244, 11628), (254, 11664),

Gene: BABullseye_19 Start: 12230, Stop: 13201, Start Num: 7
Candidate Starts for BABullseye_19:
(Start: 7 @12230 has 80 MA's), (35, 12290), (56, 12386), (75, 12428), (81, 12458), (84, 12482), (95, 12527), (106, 12578), (110, 12590), (114, 12608), (147, 12713), (196, 12899), (260, 13172),

Gene: BEEST_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for BEEST_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: BENtherdunthat_7 Start: 4897, Stop: 5835, Start Num: 34
Candidate Starts for BENtherdunthat_7:
(Start: 34 @4897 has 110 MA's), (44, 4939), (45, 4942), (68, 5032), (91, 5134), (105, 5206), (106, 5209), (154, 5398), (198, 5551), (202, 5563), (218, 5626), (228, 5680), (256, 5785), (261, 5806),

Gene: BGlluviae_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for BGlluviae_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: BK1_13 Start: 11166, Stop: 12167, Start Num: 8
Candidate Starts for BK1_13:
(Start: 8 @11166 has 530 MA's), (52, 11310), (62, 11361), (69, 11376), (96, 11496), (100, 11517), (118, 11592), (131, 11652), (146, 11703), (162, 11754), (184, 11838), (230, 12015), (240, 12054), (241, 12060), (264, 12144),

Gene: BPBiebs31_16 Start: 11839, Stop: 12840, Start Num: 8
Candidate Starts for BPBiebs31_16:
(Start: 8 @11839 has 530 MA's), (69, 12049), (96, 12169), (100, 12190), (118, 12265), (131, 12325), (162, 12427), (184, 12511), (221, 12631), (230, 12688), (240, 12730), (241, 12736),

Gene: BPs_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for BPs_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: BQuat_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for BQuat_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Baby16_15 Start: 11488, Stop: 12420, Start Num: 8
Candidate Starts for Baby16_15:
(Start: 8 @11488 has 530 MA's), (35, 11548), (56, 11644), (81, 11716), (84, 11740), (106, 11836), (126, 11920), (174, 12064), (184, 12106), (230, 12268), (233, 12301), (240, 12319), (249, 12355), (258, 12388),

Gene: BabyBack_18 Start: 13819, Stop: 14778, Start Num: 8
Candidate Starts for BabyBack_18:
(Start: 8 @13819 has 530 MA's), (35, 13879), (56, 13975), (75, 14017), (81, 14047), (84, 14071), (95, 14116), (106, 14167), (114, 14197), (158, 14356), (171, 14398), (184, 14452), (190, 14476),

Gene: BabyJohn_14 Start: 11327, Stop: 12322, Start Num: 10
Candidate Starts for BabyJohn_14:
(Start: 10 @11327 has 117 MA's), (16, 11336), (56, 11468), (90, 11588), (99, 11627), (106, 11660), (131, 11771), (171, 11897), (184, 11951), (205, 12035), (219, 12062), (222, 12071), (230, 12125), (238, 12176), (244, 12209), (254, 12245), (268, 12287),

Gene: BabyRay_15 Start: 11329, Stop: 12303, Start Num: 10
Candidate Starts for BabyRay_15:
(Start: 10 @11329 has 117 MA's), (56, 11470), (90, 11590), (99, 11629), (106, 11662), (131, 11773), (178, 11926), (184, 11953), (205, 12037), (219, 12064), (221, 12070), (230, 12127), (236, 12172), (238, 12178), (244, 12211), (254, 12247),

Gene: Bachome_16 Start: 12696, Stop: 13685, Start Num: 7
Candidate Starts for Bachome_16:
(Start: 7 @12696 has 80 MA's), (35, 12756), (43, 12786), (55, 12846), (56, 12852), (75, 12894), (81, 12924), (84, 12948), (95, 12993), (106, 13044), (110, 13056), (114, 13074), (132, 13158), (147, 13194), (151, 13206), (158, 13233), (230, 13491), (253, 13596),

Gene: Backyardigan_15 Start: 11500, Stop: 12432, Start Num: 8
Candidate Starts for Backyardigan_15:

(Start: 8 @11500 has 530 MA's), (35, 11560), (56, 11656), (60, 11671), (76, 11713), (81, 11728), (84, 11752), (106, 11848), (114, 11878), (126, 11932), (174, 12076), (184, 12118), (230, 12280), (240, 12331), (249, 12367), (258, 12400),

Gene: BaconJack_17 Start: 11618, Stop: 12628, Start Num: 8
Candidate Starts for BaconJack_17:
(Start: 8 @11618 has 530 MA's), (69, 11828), (96, 11948), (100, 11969), (118, 12044), (131, 12104), (155, 12188), (162, 12206), (184, 12290), (221, 12410), (230, 12467), (241, 12515),

Gene: Bactobuster_17 Start: 13897, Stop: 14853, Start Num: 8
Candidate Starts for Bactobuster_17:
(Start: 8 @13897 has 530 MA's), (35, 13957), (50, 14026), (56, 14053), (75, 14095), (81, 14125), (84, 14149), (95, 14194), (106, 14245), (114, 14275), (151, 14407), (168, 14464), (222, 14638), (230, 14692),

Gene: Badger_15 Start: 11489, Stop: 12421, Start Num: 8
Candidate Starts for Badger_15:
(Start: 8 @11489 has 530 MA's), (35, 11549), (56, 11645), (60, 11660), (76, 11702), (81, 11717), (84, 11741), (106, 11837), (114, 11867), (126, 11921), (174, 12065), (184, 12107), (230, 12269), (240, 12320), (249, 12356), (258, 12389),

Gene: Baehexic_17 Start: 12674, Stop: 13630, Start Num: 8
Candidate Starts for Baehexic_17:
(Start: 8 @12674 has 530 MA's), (15, 12689), (35, 12734), (56, 12830), (75, 12872), (81, 12902), (84, 12926), (95, 12971), (106, 13022), (114, 13052), (143, 13157), (151, 13184), (158, 13211), (172, 13256), (222, 13415), (224, 13433), (230, 13469), (240, 13520),

Gene: BaghaKamala_13 Start: 7900, Stop: 8835, Start Num: 25
Candidate Starts for BaghaKamala_13:
(Start: 25 @7900 has 441 MA's), (50, 7990), (56, 8017), (93, 8164), (96, 8176), (98, 8188), (119, 8275), (139, 8359), (150, 8389), (219, 8587), (226, 8626), (229, 8644), (239, 8710), (240, 8713), (248, 8746), (255, 8770), (269, 8812),

Gene: BaileyBlu_6 Start: 4654, Stop: 5565, Start Num: 29
Candidate Starts for BaileyBlu_6:
(Start: 29 @4654 has 2 MA's), (72, 4816), (84, 4882), (165, 5197), (169, 5212), (177, 5239), (187, 5272), (256, 5521),

Gene: Baines_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Baines_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Balloona_7 Start: 5095, Stop: 6054, Start Num: 17
Candidate Starts for Balloona_7:
(Start: 17 @5095 has 90 MA's), (37, 5146), (66, 5275), (87, 5362), (97, 5404), (99, 5413), (110, 5458), (128, 5542), (155, 5638), (170, 5695), (187, 5749), (196, 5785), (256, 5998), (260, 6016), (278, 6046),

Gene: Balsa_6 Start: 4714, Stop: 5694, Start Num: 25
Candidate Starts for Balsa_6:
(Start: 25 @4714 has 441 MA's), (56, 4831), (80, 4921), (83, 4939), (91, 4975), (115, 5074), (128, 5137), (158, 5242), (165, 5263), (166, 5269), (228, 5485), (239, 5545), (245, 5572),

Gene: BananenDer11_11 Start: 8061, Stop: 8981, Start Num: 25
Candidate Starts for BananenDer11_11:
(Start: 25 @8061 has 441 MA's), (56, 8178), (61, 8205), (80, 8265), (87, 8301), (89, 8307), (96, 8337), (103, 8373), (119, 8436), (124, 8466), (239, 8871), (240, 8874), (248, 8907), (255, 8931),

Gene: Bandik_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Bandik_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (115, 5068), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: BangNhom_14 Start: 11457, Stop: 12389, Start Num: 8
Candidate Starts for BangNhom_14:
(Start: 8 @11457 has 530 MA's), (35, 11517), (56, 11613), (60, 11628), (81, 11685), (84, 11709), (106, 11805), (114, 11835), (126, 11889), (174, 12033), (184, 12075), (230, 12237), (233, 12270), (240, 12288), (249, 12324), (258, 12357),

Gene: Barkley26_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Barkley26_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: BaronJohn_8 Start: 5188, Stop: 6168, Start Num: 25
Candidate Starts for BaronJohn_8:
(Start: 25 @5188 has 441 MA's), (55, 5299), (56, 5305), (60, 5326), (73, 5362), (94, 5461), (110, 5527), (136, 5644), (157, 5713), (158, 5716), (217, 5902), (222, 5917), (224, 5935), (239, 6019), (240, 6022), (279, 6163),

Gene: BarrelRoll_13 Start: 7926, Stop: 8861, Start Num: 25
Candidate Starts for BarrelRoll_13:
(Start: 25 @7926 has 441 MA's), (50, 8016), (56, 8043), (93, 8190), (96, 8202), (98, 8214), (119, 8301), (139, 8385), (150, 8415), (219, 8613), (226, 8652), (239, 8736), (240, 8739), (248, 8772), (255, 8796), (269, 8838),

Gene: Barriga_15 Start: 11443, Stop: 12450, Start Num: 8
Candidate Starts for Barriga_15:
(Start: 8 @11443 has 530 MA's), (52, 11587), (54, 11596), (62, 11638), (69, 11653), (96, 11773), (100, 11794), (131, 11929), (162, 12031), (184, 12115), (191, 12145), (229, 12286), (230, 12292), (241, 12340),

Gene: BarrowTuph_14 Start: 11491, Stop: 12495, Start Num: 8
Candidate Starts for BarrowTuph_14:
(Start: 8 @11491 has 530 MA's), (52, 11635), (54, 11644), (62, 11686), (69, 11701), (96, 11821), (100, 11842), (118, 11917), (131, 11977), (162, 12079), (184, 12163), (191, 12193), (221, 12283), (229, 12334), (230, 12340), (241, 12388),

Gene: Bartimeaus_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Bartimeaus_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Battleship_19 Start: 11410, Stop: 12360, Start Num: 8

Candidate Starts for Battleship_19:
(Start: 8 @11410 has 530 MA's), (35, 11470), (56, 11566), (81, 11638), (84, 11662), (95, 11707), (106, 11758), (114, 11788), (225, 12166), (249, 12286), (260, 12331),

Gene: Bavilard_8 Start: 5871, Stop: 6830, Start Num: 17
Candidate Starts for Bavilard_8:
(Start: 17 @5871 has 90 MA's), (37, 5922), (66, 6051), (87, 6138), (97, 6180), (99, 6189), (110, 6234), (128, 6318), (155, 6414), (170, 6471), (187, 6525), (196, 6561), (256, 6774), (260, 6792), (278, 6822),

Gene: Beakin_7 Start: 5010, Stop: 5918, Start Num: 25
Candidate Starts for Beakin_7:
(Start: 25 @5010 has 441 MA's), (50, 5100), (51, 5103), (56, 5127), (73, 5184), (80, 5214), (98, 5298), (124, 5415), (164, 5547), (175, 5589), (222, 5706), (223, 5709), (229, 5754), (239, 5808), (242, 5823), (248, 5844),

Gene: Beanstalk_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Beanstalk_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Beatrix_14 Start: 12282, Stop: 13292, Start Num: 8
Candidate Starts for Beatrix_14:
(Start: 8 @12282 has 530 MA's), (52, 12426), (62, 12477), (69, 12492), (96, 12612), (100, 12633), (118, 12708), (131, 12768), (146, 12819), (155, 12852), (162, 12870), (184, 12954), (229, 13125), (230, 13131), (241, 13188), (254, 13239),

Gene: BeautPeep30_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for BeautPeep30_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Beauxregard13_17 Start: 11539, Stop: 12531, Start Num: 10
Candidate Starts for Beauxregard13_17:
(Start: 10 @11539 has 117 MA's), (56, 11680), (90, 11800), (99, 11839), (106, 11872), (131, 11983), (158, 12070), (184, 12166), (204, 12247), (218, 12274), (222, 12286), (230, 12340), (236, 12385), (238, 12391), (244, 12424), (254, 12460), (260, 12484),

Gene: BeeBee8_7 Start: 4880, Stop: 5872, Start Num: 25
Candidate Starts for BeeBee8_7:
(Start: 25 @4880 has 441 MA's), (56, 4997), (73, 5054), (91, 5141), (115, 5240), (158, 5408), (165, 5429), (166, 5435), (220, 5603), (224, 5627), (228, 5651), (239, 5723), (240, 5726),

Gene: Beemo_17 Start: 12882, Stop: 13841, Start Num: 8
Candidate Starts for Beemo_17:
(Start: 8 @12882 has 530 MA's), (35, 12942), (55, 13032), (56, 13038), (75, 13080), (81, 13110), (84, 13134), (95, 13179), (106, 13230), (110, 13242), (114, 13260), (147, 13383), (151, 13395), (222, 13626), (240, 13731),

Gene: BeesKnees_16 Start: 11641, Stop: 12642, Start Num: 8
Candidate Starts for BeesKnees_16:
(Start: 8 @11641 has 530 MA's), (52, 11785), (62, 11836), (69, 11851), (96, 11971), (100, 11992), (118, 12067), (131, 12127), (155, 12211), (162, 12229), (184, 12313), (230, 12490), (240, 12532),

(241, 12538),

Gene: Beezoo_13 Start: 7951, Stop: 8889, Start Num: 25
Candidate Starts for Beezoo_13:
(Start: 25 @7951 has 441 MA's), (50, 8041), (56, 8068), (73, 8125), (93, 8215), (96, 8227), (98, 8239), (119, 8326), (139, 8410), (150, 8440), (219, 8638), (226, 8677), (239, 8761), (240, 8764), (248, 8797), (255, 8821), (269, 8863),

Gene: Belenaria_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Belenaria_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Bella96_13 Start: 7861, Stop: 8796, Start Num: 25
Candidate Starts for Bella96_13:
(Start: 25 @7861 has 441 MA's), (50, 7951), (56, 7978), (93, 8125), (96, 8137), (98, 8149), (119, 8236), (150, 8350), (219, 8548), (226, 8587), (229, 8605), (239, 8671), (248, 8707), (255, 8731), (269, 8773),

Gene: Belladonna_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Belladonna_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Bellris_14 Start: 10914, Stop: 11882, Start Num: 8
Candidate Starts for Bellris_14:
(Start: 8 @10914 has 530 MA's), (35, 10974), (56, 11070), (81, 11142), (84, 11166), (95, 11211), (106, 11262), (114, 11292), (143, 11397), (152, 11430), (158, 11451), (247, 11802),

Gene: BellusTerra_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for BellusTerra_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Benedict_13 Start: 10630, Stop: 11571, Start Num: 17
Candidate Starts for Benedict_13:
(Start: 17 @10630 has 90 MA's), (56, 10759), (81, 10831), (99, 10918), (106, 10951), (114, 10981), (151, 11092), (184, 11215), (190, 11239), (205, 11299), (222, 11338), (225, 11359), (231, 11407), (244, 11464), (254, 11500), (260, 11524),

Gene: BengiVuitton_17 Start: 12587, Stop: 13543, Start Num: 8
Candidate Starts for BengiVuitton_17:
(Start: 8 @12587 has 530 MA's), (19, 12611), (35, 12647), (56, 12743), (75, 12785), (81, 12815), (84, 12839), (95, 12884), (106, 12935), (110, 12947), (120, 12995), (151, 13097), (168, 13154), (230, 13382), (240, 13433),

Gene: Benjalauren_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Benjalauren_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: BennyP_19 Start: 12240, Stop: 13211, Start Num: 7

Candidate Starts for BennyP_19:
(Start: 7 @12240 has 80 MA's), (35, 12300), (56, 12396), (75, 12438), (81, 12468), (84, 12492), (95, 12537), (106, 12588), (110, 12600), (114, 12618), (147, 12723), (196, 12909), (260, 13182),

Gene: Benvolio_16 Start: 12262, Stop: 13218, Start Num: 8
Candidate Starts for Benvolio_16:
(Start: 8 @12262 has 530 MA's), (35, 12322), (46, 12370), (50, 12391), (56, 12418), (75, 12460), (81, 12490), (95, 12559), (106, 12610), (143, 12745), (172, 12844), (224, 13021), (230, 13057), (240, 13108),

Gene: Bern_13 Start: 7891, Stop: 8826, Start Num: 25
Candidate Starts for Bern_13:
(Start: 25 @7891 has 441 MA's), (50, 7981), (56, 8008), (93, 8155), (96, 8167), (98, 8179), (119, 8266), (150, 8380), (219, 8578), (226, 8617), (229, 8635), (239, 8701), (248, 8737), (255, 8761), (263, 8788), (269, 8803),

Gene: Bethlehem_15 Start: 12869, Stop: 13870, Start Num: 8
Candidate Starts for Bethlehem_15:
(Start: 8 @12869 has 530 MA's), (52, 13013), (62, 13064), (69, 13079), (96, 13199), (100, 13220), (118, 13295), (131, 13355), (162, 13457), (184, 13541), (230, 13718), (240, 13760), (241, 13766),

Gene: Bexan_14 Start: 12284, Stop: 13303, Start Num: 8
Candidate Starts for Bexan_14:
(Start: 8 @12284 has 530 MA's), (62, 12479), (69, 12494), (96, 12614), (100, 12635), (118, 12710), (131, 12770), (184, 12956), (229, 13127), (230, 13133), (241, 13190), (250, 13226),

Gene: BiancaTri92_18 Start: 13946, Stop: 14902, Start Num: 8
Candidate Starts for BiancaTri92_18:
(Start: 8 @13946 has 530 MA's), (35, 14006), (50, 14075), (56, 14102), (75, 14144), (81, 14174), (84, 14198), (95, 14243), (106, 14294), (114, 14324), (143, 14429), (151, 14456), (172, 14528), (222, 14687), (230, 14741), (240, 14792),

Gene: Big3_15 Start: 12226, Stop: 13224, Start Num: 8
Candidate Starts for Big3_15:
(Start: 8 @12226 has 530 MA's), (52, 12370), (62, 12421), (69, 12436), (96, 12556), (100, 12577), (118, 12652), (131, 12712), (155, 12796), (162, 12814), (184, 12898), (221, 13018), (230, 13075), (240, 13114), (241, 13120),

Gene: BigChungus_7 Start: 5120, Stop: 6079, Start Num: 17
Candidate Starts for BigChungus_7:
(Start: 17 @5120 has 90 MA's), (37, 5171), (66, 5300), (87, 5387), (97, 5429), (99, 5438), (110, 5483), (128, 5567), (155, 5663), (170, 5720), (187, 5774), (196, 5810), (256, 6023), (260, 6041),

Gene: BigMau_17 Start: 11807, Stop: 12808, Start Num: 8
Candidate Starts for BigMau_17:
(Start: 8 @11807 has 530 MA's), (69, 12017), (96, 12137), (100, 12158), (118, 12233), (131, 12293), (162, 12395), (184, 12479), (221, 12599), (230, 12656), (240, 12695), (241, 12701),

Gene: BigPaolini_16 Start: 12233, Stop: 13234, Start Num: 8
Candidate Starts for BigPaolini_16:
(Start: 8 @12233 has 530 MA's), (52, 12377), (62, 12428), (69, 12443), (96, 12563), (100, 12584), (118, 12659), (131, 12719), (162, 12821), (184, 12905), (221, 13025), (230, 13082), (240, 13121), (241, 13127), (264, 13211),

Gene: BigPhil_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for BigPhil_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (232, 5775), (239, 5805), (242, 5820), (248, 5841),

Gene: BigRedClifford_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for BigRedClifford_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Bigchungi_15 Start: 11310, Stop: 12326, Start Num: 8
Candidate Starts for Bigchungi_15:
(Start: 8 @11310 has 530 MA's), (62, 11505), (69, 11520), (75, 11535), (88, 11607), (96, 11640), (100, 11661), (118, 11736), (131, 11796), (184, 11982), (229, 12153), (230, 12159), (241, 12216), (250, 12252), (254, 12267),

Gene: Bigflo_17 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for Bigflo_17:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Bigfoot_14 Start: 11332, Stop: 12336, Start Num: 8
Candidate Starts for Bigfoot_14:
(Start: 8 @11332 has 530 MA's), (52, 11476), (54, 11485), (62, 11527), (69, 11542), (96, 11662), (100, 11683), (118, 11758), (131, 11818), (162, 11920), (184, 12004), (191, 12034), (221, 12124), (229, 12175), (230, 12181), (241, 12229),

Gene: Biglebops_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for Biglebops_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: BillDoor_10 Start: 5376, Stop: 6332, Start Num: 17
Candidate Starts for BillDoor_10:
(Start: 17 @5376 has 90 MA's), (37, 5418), (86, 5631), (97, 5676), (99, 5685), (110, 5730), (134, 5841), (153, 5904), (187, 6021), (196, 6057), (197, 6060), (204, 6087), (249, 6243), (260, 6288), (261, 6291),

Gene: BillKnuckles_16 Start: 12288, Stop: 13481, Start Num: 14
Candidate Starts for BillKnuckles_16:
(Start: 14 @12288 has 5 MA's), (35, 12336), (41, 12360), (56, 12432), (81, 12504), (84, 12528), (88, 12543), (106, 12624), (114, 12654), (154, 12780), (178, 12861), (184, 12888), (219, 12987), (258, 13170), (260, 13182), (280, 13314), (282, 13347), (284, 13368), (286, 13401),

Gene: Bircsak_15 Start: 11793, Stop: 12812, Start Num: 8
Candidate Starts for Bircsak_15:
(Start: 8 @11793 has 530 MA's), (62, 11988), (69, 12003), (96, 12123), (100, 12144), (118, 12219), (131, 12279), (184, 12465), (229, 12636), (230, 12642), (241, 12699), (250, 12735),

Gene: Biskit_9 Start: 5369, Stop: 6331, Start Num: 17

Candidate Starts for Biskit_9:
(Start: 17 @5369 has 90 MA's), (23, 5384), (37, 5411), (64, 5537), (71, 5546), (86, 5624), (97, 5669), (99, 5678), (110, 5723), (118, 5759), (134, 5834), (187, 6014), (196, 6050), (197, 6053), (204, 6080), (249, 6236), (256, 6263), (260, 6281),

Gene: Blackflame_15 Start: 11319, Stop: 12335, Start Num: 8
Candidate Starts for Blackflame_15:
(Start: 8 @11319 has 530 MA's), (62, 11514), (69, 11529), (75, 11544), (88, 11616), (96, 11649), (100, 11670), (118, 11745), (131, 11805), (184, 11991), (229, 12162), (230, 12168), (241, 12225), (250, 12261),

Gene: Blackmoor_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Blackmoor_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Blage_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Blage_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Blarby_8 Start: 5402, Stop: 6337, Start Num: 34
Candidate Starts for Blarby_8:
(Start: 34 @5402 has 110 MA's), (45, 5447), (47, 5456), (56, 5501), (68, 5537), (91, 5639), (106, 5714), (152, 5894), (170, 5960), (198, 6056), (207, 6089), (211, 6107), (218, 6131), (226, 6173), (251, 6272), (256, 6290), (261, 6311),

Gene: BlessJoy_19 Start: 12216, Stop: 13187, Start Num: 7
Candidate Starts for BlessJoy_19:
(Start: 7 @12216 has 80 MA's), (35, 12276), (56, 12372), (75, 12414), (81, 12444), (84, 12468), (95, 12513), (106, 12564), (110, 12576), (114, 12594), (147, 12699), (196, 12885), (260, 13158),

Gene: Blesser_15 Start: 11896, Stop: 12906, Start Num: 8
Candidate Starts for Blesser_15:
(Start: 8 @11896 has 530 MA's), (52, 12040), (62, 12091), (69, 12106), (96, 12226), (100, 12247), (118, 12322), (131, 12382), (162, 12484), (184, 12568), (229, 12739), (230, 12745), (241, 12799), (264, 12883),

Gene: Blinn1_19 Start: 12273, Stop: 13244, Start Num: 7
Candidate Starts for Blinn1_19:
(Start: 7 @12273 has 80 MA's), (35, 12333), (56, 12429), (75, 12471), (81, 12501), (84, 12525), (95, 12570), (106, 12621), (110, 12633), (114, 12651), (147, 12756), (196, 12942),

Gene: Blizzard_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Blizzard_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Blondies_9 Start: 5370, Stop: 6326, Start Num: 17
Candidate Starts for Blondies_9:

(Start: 17 @5370 has 90 MA's), (23, 5385), (37, 5412), (64, 5538), (71, 5547), (86, 5625), (97, 5670), (99, 5679), (110, 5724), (118, 5760), (134, 5835), (187, 6015), (196, 6051), (197, 6054), (204, 6081), (249, 6237), (256, 6264), (260, 6282),

Gene: BluSpix_15 Start: 11591, Stop: 12589, Start Num: 8
Candidate Starts for BluSpix_15:
(Start: 8 @11591 has 530 MA's), (52, 11735), (62, 11786), (69, 11801), (96, 11921), (100, 11942), (118, 12017), (131, 12077), (162, 12179), (184, 12263), (221, 12383), (230, 12440), (240, 12479), (241, 12485),

Gene: Blue_15 Start: 11698, Stop: 12699, Start Num: 8
Candidate Starts for Blue_15:
(Start: 8 @11698 has 530 MA's), (52, 11842), (62, 11893), (69, 11908), (96, 12028), (100, 12049), (118, 12124), (131, 12184), (162, 12286), (184, 12370), (221, 12490), (230, 12547), (240, 12586), (241, 12592), (254, 12643),

Gene: Blue7_19 Start: 12209, Stop: 13180, Start Num: 7
Candidate Starts for Blue7_19:
(Start: 7 @12209 has 80 MA's), (35, 12269), (56, 12365), (75, 12407), (81, 12437), (84, 12461), (95, 12506), (106, 12557), (110, 12569), (114, 12587), (147, 12692),

Gene: BlueBird_16 Start: 11103, Stop: 12077, Start Num: 10
Candidate Starts for BlueBird_16:
(Start: 10 @11103 has 117 MA's), (56, 11244), (90, 11364), (99, 11403), (106, 11436), (171, 11673), (178, 11700), (184, 11727), (205, 11811), (230, 11901), (236, 11946), (238, 11952), (244, 11985), (254, 12021),

Gene: Bluefalcon_12 Start: 10877, Stop: 11809, Start Num: 17
Candidate Starts for Bluefalcon_12:
(Start: 17 @10877 has 90 MA's), (56, 11006), (75, 11048), (81, 11078), (99, 11165), (106, 11198), (151, 11339), (184, 11462), (190, 11486), (205, 11546), (222, 11585), (225, 11606), (231, 11654), (244, 11711), (254, 11747), (260, 11771),

Gene: Bob3_14 Start: 11147, Stop: 12148, Start Num: 8
Candidate Starts for Bob3_14:
(Start: 8 @11147 has 530 MA's), (69, 11357), (96, 11477), (100, 11498), (118, 11573), (131, 11633), (146, 11684), (147, 11687), (155, 11717), (162, 11735), (184, 11819), (230, 11996), (240, 12035), (241, 12041),

Gene: BobSwaget_19 Start: 13830, Stop: 14777, Start Num: 13
Candidate Starts for BobSwaget_19:
(Start: 12 @13824 has 10 MA's), (Start: 13 @13830 has 9 MA's), (35, 13881), (50, 13950), (56, 13977), (60, 13992), (75, 14019), (81, 14049), (88, 14088), (106, 14169), (130, 14271), (168, 14388), (190, 14478), (222, 14562), (230, 14616), (240, 14667),

Gene: BobbyDazzler_12 Start: 7772, Stop: 8674, Start Num: 18
Candidate Starts for BobbyDazzler_12:
(Start: 18 @7772 has 40 MA's), (56, 7901), (85, 8003), (96, 8045), (99, 8060), (106, 8093), (178, 8348), (192, 8408), (200, 8441),

Gene: Bobi_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Bobi_7:

(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Bobquesha_14 Start: 8929, Stop: 9858, Start Num: 25
Candidate Starts for Bobquesha_14:
(Start: 25 @8929 has 441 MA's), (50, 9019), (55, 9040), (56, 9046), (61, 9073), (80, 9133), (102, 9235), (103, 9241), (131, 9361), (150, 9418), (175, 9508), (213, 9601), (226, 9655), (229, 9673), (239, 9739), (255, 9799),

Gene: BogosyJay_17 Start: 12633, Stop: 13592, Start Num: 8
Candidate Starts for BogosyJay_17:
(Start: 8 @12633 has 530 MA's), (35, 12693), (55, 12783), (56, 12789), (75, 12831), (81, 12861), (84, 12885), (95, 12930), (106, 12981), (114, 13011), (132, 13095), (147, 13134), (151, 13146), (196, 13320), (222, 13377), (240, 13482),

Gene: Boiiii_13 Start: 7976, Stop: 8911, Start Num: 25
Candidate Starts for Boiiii_13:
(Start: 25 @7976 has 441 MA's), (50, 8066), (56, 8093), (93, 8240), (96, 8252), (98, 8264), (119, 8351), (139, 8435), (150, 8465), (219, 8663), (226, 8702), (239, 8786), (240, 8789), (248, 8822), (255, 8846), (269, 8888),

Gene: Boilgate_10 Start: 7916, Stop: 8845, Start Num: 25
Candidate Starts for Boilgate_10:
(Start: 25 @7916 has 441 MA's), (51, 8009), (55, 8027), (56, 8033), (61, 8060), (83, 8138), (98, 8204), (102, 8222), (103, 8228), (104, 8231), (131, 8348), (138, 8372), (150, 8405), (167, 8465), (168, 8468), (175, 8495), (183, 8528), (229, 8660), (239, 8726), (242, 8741), (248, 8762), (249, 8765), (255, 8786), (260, 8807),

Gene: Bombshell_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Bombshell_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Bonamassa_13 Start: 10799, Stop: 11731, Start Num: 17
Candidate Starts for Bonamassa_13:
(Start: 17 @10799 has 90 MA's), (56, 10928), (75, 10970), (81, 11000), (99, 11087), (106, 11120), (184, 11384), (190, 11408), (205, 11468), (222, 11507), (225, 11528), (231, 11576), (244, 11633), (254, 11669), (260, 11693),

Gene: Bonanza_12 Start: 7701, Stop: 8603, Start Num: 18
Candidate Starts for Bonanza_12:
(Start: 18 @7701 has 40 MA's), (56, 7830), (85, 7932), (96, 7974), (99, 7989), (106, 8022), (135, 8145), (178, 8277), (192, 8337), (200, 8370),

Gene: Bones_15 Start: 11342, Stop: 12346, Start Num: 8
Candidate Starts for Bones_15:
(Start: 8 @11342 has 530 MA's), (52, 11486), (54, 11495), (62, 11537), (69, 11552), (96, 11672), (100, 11693), (118, 11768), (131, 11828), (162, 11930), (184, 12014), (191, 12044), (221, 12134), (229, 12185), (230, 12191), (241, 12239),

Gene: BonesMcCoy_6 Start: 4708, Stop: 5634, Start Num: 25

Candidate Starts for BonesMcCoy_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Bonino_6 Start: 4707, Stop: 5633, Start Num: 24
Candidate Starts for Bonino_6:
(Start: 24 @4707 has 17 MA's), (56, 4824), (60, 4845), (73, 4881), (93, 4974), (94, 4980), (96, 4986), (110, 5046), (128, 5130), (166, 5244), (204, 5370), (224, 5436), (239, 5520), (245, 5547), (269, 5622),

Gene: Boohoo_18 Start: 11295, Stop: 12245, Start Num: 8
Candidate Starts for Boohoo_18:
(Start: 8 @11295 has 530 MA's), (35, 11355), (56, 11451), (81, 11523), (84, 11547), (95, 11592), (106, 11643), (114, 11673), (225, 12051), (249, 12171), (260, 12216),

Gene: Boomer_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Boomer_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: BoostSeason_9 Start: 5933, Stop: 6856, Start Num: 25
Candidate Starts for BoostSeason_9:
(Start: 25 @5933 has 441 MA's), (55, 6044), (56, 6050), (61, 6077), (83, 6155), (96, 6209), (102, 6239), (103, 6245), (131, 6365), (183, 6545), (221, 6626), (224, 6647), (226, 6659), (239, 6743), (248, 6779), (250, 6788), (264, 6833),

Gene: BotCity_7 Start: 4895, Stop: 5833, Start Num: 34
Candidate Starts for BotCity_7:
(Start: 34 @4895 has 110 MA's), (44, 4937), (45, 4940), (68, 5030), (91, 5132), (105, 5204), (106, 5207), (154, 5396), (198, 5549), (202, 5561), (218, 5624), (228, 5678), (256, 5783), (261, 5804),

Gene: BouleyBill_6 Start: 4718, Stop: 5680, Start Num: 25
Candidate Starts for BouleyBill_6:
(Start: 25 @4718 has 441 MA's), (55, 4829), (56, 4835), (60, 4856), (73, 4892), (83, 4943), (118, 5093), (120, 5105), (158, 5240), (229, 5489), (239, 5543), (240, 5546), (245, 5570),

Gene: Bowtie_16 Start: 12699, Stop: 13688, Start Num: 7
Candidate Starts for Bowtie_16:
(Start: 7 @12699 has 80 MA's), (35, 12759), (43, 12789), (55, 12849), (56, 12855), (75, 12897), (81, 12927), (84, 12951), (95, 12996), (106, 13047), (110, 13059), (114, 13077), (132, 13161), (147, 13197), (151, 13209), (158, 13236), (230, 13494), (253, 13599),

Gene: Bradman_15 Start: 11078, Stop: 12034, Start Num: 8
Candidate Starts for Bradman_15:
(Start: 8 @11078 has 530 MA's), (35, 11138), (50, 11207), (56, 11234), (75, 11276), (81, 11306), (84, 11330), (95, 11375), (106, 11426), (143, 11561), (151, 11588), (158, 11615), (172, 11660), (222, 11819), (224, 11837), (230, 11873), (240, 11924),

Gene: Bradshaw_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Bradshaw_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: BreSam8_17 Start: 11532, Stop: 12524, Start Num: 10
Candidate Starts for BreSam8_17:
(Start: 10 @11532 has 117 MA's), (56, 11673), (90, 11793), (99, 11832), (106, 11865), (131, 11976), (158, 12063), (184, 12159), (204, 12240), (218, 12267), (222, 12279), (230, 12333), (236, 12378), (238, 12384), (244, 12417), (254, 12453), (260, 12477),

Gene: Bridgette_6 Start: 5591, Stop: 6574, Start Num: 12
Candidate Starts for Bridgette_6:
(Start: 12 @5591 has 10 MA's), (20, 5615), (44, 5693), (73, 5807), (102, 5927), (107, 5948), (118, 5993), (197, 6278), (201, 6290), (221, 6344), (239, 6464),

Gene: Briton15_17 Start: 11653, Stop: 12672, Start Num: 8
Candidate Starts for Briton15_17:
(Start: 8 @11653 has 530 MA's), (62, 11848), (69, 11863), (75, 11878), (88, 11950), (96, 11983), (100, 12004), (118, 12079), (131, 12139), (184, 12325), (229, 12496), (230, 12502), (241, 12559), (250, 12595),

Gene: Brookers_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Brookers_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (232, 5775), (239, 5805), (242, 5820), (248, 5841),

Gene: Broseidon_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Broseidon_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: BruceB_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for BruceB_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: BruceLethal_6 Start: 4634, Stop: 5581, Start Num: 32
Candidate Starts for BruceLethal_6:
(Start: 31 @4631 has 3 MA's), (Start: 32 @4634 has 42 MA's), (44, 4682), (52, 4721), (63, 4766), (71, 4778), (83, 4841), (92, 4880), (99, 4910), (103, 4940), (116, 4991), (129, 5054), (159, 5147), (174, 5207), (183, 5243), (195, 5288), (206, 5330), (241, 5453), (246, 5474), (251, 5492), (253, 5501), (263, 5534),

Gene: Bruiser_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Bruiser_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Bruns_14 Start: 11511, Stop: 12518, Start Num: 8
Candidate Starts for Bruns_14:
(Start: 8 @11511 has 530 MA's), (52, 11655), (54, 11664), (62, 11706), (69, 11721), (96, 11841), (100, 11862), (118, 11937), (131, 11997), (162, 12099), (184, 12183), (191, 12213), (229, 12354), (230, 12360), (241, 12408),

Gene: Brushbloom_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Brushbloom_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (55, 5118), (56, 5124), (65, 5163), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (222, 5703), (223, 5706), (224, 5721), (229, 5751), (239, 5805), (248, 5841),

Gene: Bryce_12 Start: 7701, Stop: 8603, Start Num: 18
Candidate Starts for Bryce_12:
(Start: 18 @7701 has 40 MA's), (56, 7830), (85, 7932), (96, 7974), (99, 7989), (106, 8022), (178, 8277), (192, 8337), (200, 8370),

Gene: Bryler_12 Start: 6893, Stop: 7816, Start Num: 25
Candidate Starts for Bryler_12:
(Start: 25 @6893 has 441 MA's), (56, 7010), (61, 7037), (89, 7139), (93, 7157), (96, 7169), (98, 7181), (131, 7325), (221, 7586), (226, 7619), (229, 7637), (239, 7703), (240, 7706), (248, 7739), (263, 7790),

Gene: Bubble_8 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for Bubble_8:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (135, 5860), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: BubbleTrouble_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for BubbleTrouble_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Bud_16 Start: 12705, Stop: 13694, Start Num: 7
Candidate Starts for Bud_16:
(Start: 7 @12705 has 80 MA's), (35, 12765), (43, 12795), (55, 12855), (56, 12861), (75, 12903), (81, 12933), (84, 12957), (95, 13002), (106, 13053), (110, 13065), (114, 13083), (132, 13167), (147, 13203), (151, 13215), (158, 13242), (230, 13500), (253, 13605),

Gene: Budski_7 Start: 4901, Stop: 5842, Start Num: 34
Candidate Starts for Budski_7:
(Start: 34 @4901 has 110 MA's), (68, 5036), (86, 5117), (91, 5138), (106, 5213), (135, 5339), (193, 5540), (198, 5558), (207, 5591), (226, 5675), (261, 5813),

Gene: Bugatti_15 Start: 11103, Stop: 12077, Start Num: 10
Candidate Starts for Bugatti_15:
(Start: 10 @11103 has 117 MA's), (56, 11244), (90, 11364), (99, 11403), (106, 11436), (171, 11673), (178, 11700), (184, 11727), (205, 11811), (230, 11901), (236, 11946), (238, 11952), (244, 11985), (254, 12021),

Gene: Bugsy_18 Start: 12624, Stop: 13580, Start Num: 8
Candidate Starts for Bugsy_18:
(Start: 8 @12624 has 530 MA's), (35, 12684), (46, 12732), (50, 12753), (56, 12780), (75, 12822), (81, 12852), (84, 12876), (106, 12972), (110, 12984), (143, 13107), (151, 13134), (158, 13161), (172, 13206), (222, 13365), (224, 13383), (230, 13419), (240, 13470),

Gene: Bumblebee11_15 Start: 11491, Stop: 12423, Start Num: 8
Candidate Starts for Bumblebee11_15:

(Start: 8 @11491 has 530 MA's), (35, 11551), (56, 11647), (60, 11662), (81, 11719), (84, 11743), (106, 11839), (126, 11923), (174, 12067), (184, 12109), (230, 12271), (233, 12304), (249, 12358), (258, 12391),

Gene: Burger_14 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Burger_14:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Burnsey_8 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for Burnsey_8:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: Burton_16 Start: 11710, Stop: 12711, Start Num: 8
Candidate Starts for Burton_16:
(Start: 8 @11710 has 530 MA's), (69, 11920), (96, 12040), (100, 12061), (118, 12136), (131, 12196), (162, 12298), (184, 12382), (221, 12502), (230, 12559), (240, 12601), (241, 12607),

Gene: Bustleton_6 Start: 4719, Stop: 5669, Start Num: 25
Candidate Starts for Bustleton_6:
(Start: 25 @4719 has 441 MA's), (55, 4830), (56, 4836), (60, 4857), (80, 4926), (83, 4944), (118, 5094), (120, 5106), (157, 5238), (158, 5241), (229, 5490), (239, 5544), (240, 5547), (245, 5571),

Gene: Button_9 Start: 5455, Stop: 6384, Start Num: 26
Candidate Starts for Button_9:
(Start: 26 @5455 has 7 MA's), (44, 5521), (71, 5617), (76, 5644), (97, 5740), (99, 5749), (100, 5755), (110, 5794), (118, 5830), (128, 5878), (187, 6085), (196, 6121), (197, 6124), (249, 6307), (260, 6352),

Gene: Buttons_16 Start: 11781, Stop: 12800, Start Num: 8
Candidate Starts for Buttons_16:
(Start: 8 @11781 has 530 MA's), (62, 11976), (69, 11991), (88, 12078), (96, 12111), (100, 12132), (118, 12207), (131, 12267), (184, 12453), (229, 12624), (230, 12630), (241, 12687), (250, 12723),

Gene: Buttrmlkdreams_8 Start: 5370, Stop: 6326, Start Num: 17
Candidate Starts for Buttrmlkdreams_8:
(Start: 17 @5370 has 90 MA's), (23, 5385), (37, 5412), (64, 5538), (71, 5547), (86, 5625), (97, 5670), (99, 5679), (110, 5724), (118, 5760), (134, 5835), (187, 6015), (196, 6051), (197, 6054), (204, 6081), (249, 6237), (256, 6264), (260, 6282),

Gene: BuzzBuzz_16 Start: 11623, Stop: 12615, Start Num: 10
Candidate Starts for BuzzBuzz_16:
(Start: 10 @11623 has 117 MA's), (56, 11764), (90, 11884), (99, 11923), (106, 11956), (131, 12067), (158, 12154), (184, 12250), (204, 12331), (218, 12358), (222, 12370), (230, 12424), (236, 12469), (238, 12475), (244, 12508), (254, 12544), (260, 12568),

Gene: BuzzLyseyear_7 Start: 5006, Stop: 5914, Start Num: 25
Candidate Starts for BuzzLyseyear_7:
(Start: 25 @5006 has 441 MA's), (50, 5096), (51, 5099), (56, 5123), (73, 5180), (80, 5210), (98, 5294), (124, 5411), (164, 5543), (175, 5585), (222, 5702), (223, 5705), (229, 5750), (239, 5804), (242, 5819), (248, 5840),

Gene: Bxb1_14 Start: 11657, Stop: 12850, Start Num: 14
Candidate Starts for Bxb1_14:
(Start: 14 @11657 has 5 MA's), (35, 11705), (41, 11729), (56, 11801), (81, 11873), (84, 11897), (88, 11912), (106, 11993), (114, 12023), (154, 12149), (178, 12230), (184, 12257), (219, 12356), (258, 12539), (260, 12551), (280, 12683), (282, 12716), (284, 12737), (286, 12770),

Gene: Bxz2_17 Start: 11633, Stop: 12625, Start Num: 10
Candidate Starts for Bxz2_17:
(Start: 10 @11633 has 117 MA's), (56, 11774), (90, 11894), (99, 11933), (106, 11966), (131, 12077), (158, 12164), (184, 12260), (204, 12341), (218, 12368), (222, 12380), (230, 12434), (236, 12479), (238, 12485), (244, 12518), (254, 12554), (260, 12578),

Gene: Byron23_6 Start: 4711, Stop: 5637, Start Num: 25
Candidate Starts for Byron23_6:
(Start: 25 @4711 has 441 MA's), (56, 4828), (60, 4849), (73, 4885), (93, 4978), (94, 4984), (96, 4990), (110, 5050), (128, 5134), (166, 5248), (204, 5374), (224, 5440), (239, 5524), (245, 5551), (269, 5626),

Gene: C3_14 Start: 12128, Stop: 13129, Start Num: 8
Candidate Starts for C3_14:
(Start: 8 @12128 has 530 MA's), (35, 12188), (55, 12278), (56, 12284), (75, 12326), (81, 12356), (84, 12380), (95, 12425), (106, 12476), (110, 12488), (114, 12506), (154, 12656), (230, 12956), (240, 13007), (258, 13076), (260, 13088),

Gene: CLED96_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for CLED96_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: CRB1_16 Start: 12145, Stop: 13101, Start Num: 8
Candidate Starts for CRB1_16:
(Start: 8 @12145 has 530 MA's), (35, 12205), (46, 12253), (50, 12274), (56, 12301), (75, 12343), (81, 12373), (84, 12397), (95, 12442), (106, 12493), (110, 12505), (114, 12523), (143, 12628), (151, 12655), (158, 12682), (172, 12727), (222, 12886), (224, 12904), (230, 12940),

Gene: CREW_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for CREW_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: CactusRose_14 Start: 11331, Stop: 12335, Start Num: 8
Candidate Starts for CactusRose_14:
(Start: 8 @11331 has 530 MA's), (52, 11475), (54, 11484), (62, 11526), (69, 11541), (96, 11661), (100, 11682), (118, 11757), (131, 11817), (162, 11919), (184, 12003), (191, 12033), (221, 12123), (229, 12174), (230, 12180), (241, 12228),

Gene: Caelakin_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Caelakin_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Cain_12 Start: 6881, Stop: 7804, Start Num: 25

Candidate Starts for Cain_12:
(Start: 25 @6881 has 441 MA's), (56, 6998), (61, 7025), (89, 7127), (93, 7145), (96, 7157), (98, 7169), (131, 7313), (221, 7574), (226, 7607), (229, 7625), (239, 7691), (240, 7694), (248, 7727), (263, 7778),

Gene: Caitlin_12 Start: 10378, Stop: 11328, Start Num: 17
Candidate Starts for Caitlin_12:
(Start: 17 @10378 has 90 MA's), (56, 10507), (75, 10549), (99, 10666), (106, 10699), (121, 10774), (152, 10858), (178, 10948), (184, 10975), (192, 11008), (205, 11059), (222, 11098), (244, 11224), (254, 11260),

Gene: Calix_6 Start: 4707, Stop: 5633, Start Num: 24
Candidate Starts for Calix_6:
(Start: 24 @4707 has 17 MA's), (56, 4824), (60, 4845), (73, 4881), (93, 4974), (94, 4980), (96, 4986), (110, 5046), (128, 5130), (166, 5244), (204, 5370), (224, 5436), (239, 5520), (245, 5547), (269, 5622),

Gene: CallaLilly_13 Start: 7898, Stop: 8836, Start Num: 25
Candidate Starts for CallaLilly_13:
(Start: 25 @7898 has 441 MA's), (50, 7988), (56, 8015), (73, 8072), (93, 8162), (96, 8174), (98, 8186), (119, 8273), (139, 8357), (150, 8387), (219, 8585), (226, 8624), (239, 8708), (240, 8711), (248, 8744), (255, 8768), (269, 8810),

Gene: CallinAllBarbz_6 Start: 4658, Stop: 5569, Start Num: 29
Candidate Starts for CallinAllBarbz_6:
(Start: 29 @4658 has 2 MA's), (72, 4820), (84, 4886), (119, 5033), (165, 5201), (169, 5216), (187, 5276), (190, 5288), (256, 5525), (260, 5543), (277, 5561),

Gene: Calvinny_18 Start: 11610, Stop: 12608, Start Num: 10
Candidate Starts for Calvinny_18:
(Start: 10 @11610 has 117 MA's), (56, 11751), (90, 11871), (99, 11910), (106, 11943), (158, 12141), (178, 12210), (184, 12237), (204, 12318), (230, 12411), (236, 12456), (238, 12462), (244, 12495), (254, 12531), (260, 12555),

Gene: Cambiare_8 Start: 7717, Stop: 8619, Start Num: 34
Candidate Starts for Cambiare_8:
(Start: 34 @7717 has 110 MA's), (47, 7774), (48, 7777), (49, 7789), (53, 7804), (77, 7888), (86, 7936), (94, 7969), (103, 8020), (124, 8113), (130, 8137), (137, 8164), (149, 8191), (155, 8215), (198, 8371), (222, 8431),

Gene: Camperdownii_14 Start: 11101, Stop: 12033, Start Num: 8
Candidate Starts for Camperdownii_14:
(Start: 8 @11101 has 530 MA's), (35, 11161), (56, 11257), (81, 11329), (84, 11353), (106, 11449), (114, 11479), (126, 11533), (174, 11677), (184, 11719), (230, 11881), (233, 11914), (240, 11932), (249, 11968), (258, 12001),

Gene: Camri_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Camri_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Candra_19 Start: 12273, Stop: 13244, Start Num: 7
Candidate Starts for Candra_19:
(Start: 7 @12273 has 80 MA's), (35, 12333), (56, 12429), (75, 12471), (81, 12501), (84, 12525), (95, 12570), (106, 12621), (110, 12633), (114, 12651), (147, 12756), (196, 12942), (260, 13215),

Gene: CanesSauce_8 Start: 5412, Stop: 6368, Start Num: 17
Candidate Starts for CanesSauce_8:
(Start: 17 @5412 has 90 MA's), (37, 5454), (86, 5667), (97, 5712), (99, 5721), (110, 5766), (134, 5877), (170, 6003), (187, 6057), (196, 6093), (197, 6096), (204, 6123), (249, 6279), (260, 6324), (261, 6327),

Gene: Capricorn_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Capricorn_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: CaptainRex_8 Start: 5185, Stop: 6165, Start Num: 25
Candidate Starts for CaptainRex_8:
(Start: 25 @5185 has 441 MA's), (55, 5296), (56, 5302), (60, 5323), (73, 5359), (94, 5458), (103, 5500), (110, 5524), (136, 5641), (157, 5710), (158, 5713), (217, 5899), (222, 5914), (224, 5932), (239, 6016), (240, 6019), (279, 6160),

Gene: CaramelLatte_8 Start: 5412, Stop: 6368, Start Num: 17
Candidate Starts for CaramelLatte_8:
(Start: 17 @5412 has 90 MA's), (37, 5454), (86, 5667), (97, 5712), (99, 5721), (110, 5766), (134, 5877), (170, 6003), (187, 6057), (196, 6093), (197, 6096), (204, 6123), (249, 6279), (260, 6324), (261, 6327),

Gene: Caraxes_15 Start: 10834, Stop: 11790, Start Num: 8
Candidate Starts for Caraxes_15:
(Start: 8 @10834 has 530 MA's), (35, 10894), (55, 10984), (56, 10990), (75, 11032), (81, 11062), (84, 11086), (95, 11131), (106, 11182), (110, 11194), (114, 11212), (158, 11371), (172, 11416), (192, 11500), (222, 11575),

Gene: CardboardBox_8 Start: 5499, Stop: 6410, Start Num: 18
Candidate Starts for CardboardBox_8:
(Start: 18 @5499 has 40 MA's), (70, 5655), (84, 5721), (88, 5736), (104, 5808), (119, 5868), (158, 5994), (172, 6039), (174, 6048), (227, 6246), (230, 6267), (255, 6366), (260, 6387),

Gene: CarisSwetlik_8 Start: 5318, Stop: 6310, Start Num: 25
Candidate Starts for CarisSwetlik_8:
(Start: 25 @5318 has 441 MA's), (56, 5435), (73, 5492), (80, 5525), (91, 5579), (96, 5597), (165, 5867), (222, 6047), (225, 6068), (228, 6089), (239, 6161), (240, 6164), (245, 6188), (279, 6305),

Gene: Carlyle_17 Start: 12178, Stop: 13182, Start Num: 8
Candidate Starts for Carlyle_17:
(Start: 8 @12178 has 530 MA's), (52, 12322), (62, 12373), (69, 12388), (96, 12508), (100, 12529), (118, 12604), (131, 12664), (162, 12766), (184, 12850), (221, 12970), (230, 13027), (240, 13066), (241, 13072), (250, 13108), (254, 13123),

Gene: Carostasia_6 Start: 5021, Stop: 5974, Start Num: 25
Candidate Starts for Carostasia_6:
(Start: 25 @5021 has 441 MA's), (56, 5138), (58, 5150), (60, 5159), (61, 5165), (73, 5195), (118, 5396), (128, 5444), (158, 5543), (206, 5702), (219, 5735), (222, 5744), (239, 5846), (240, 5849),

Gene: Carsonalex_9 Start: 5437, Stop: 6408, Start Num: 17
Candidate Starts for Carsonalex_9:

(Start: 17 @5437 has 90 MA's), (23, 5452), (37, 5488), (64, 5617), (110, 5803), (118, 5839), (144, 5941), (187, 6094), (204, 6160), (249, 6316), (260, 6361),

Gene: CartmannCramer_15 Start: 13132, Stop: 14151, Start Num: 8
Candidate Starts for CartmannCramer_15:
(Start: 8 @13132 has 530 MA's), (62, 13327), (69, 13342), (96, 13462), (100, 13483), (118, 13558), (131, 13618), (184, 13804), (229, 13975), (230, 13981), (241, 14038), (250, 14074),

Gene: CaseJules_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for CaseJules_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Casey_6 Start: 5146, Stop: 6075, Start Num: 24
Candidate Starts for Casey_6:
(Start: 24 @5146 has 17 MA's), (56, 5263), (60, 5284), (61, 5290), (73, 5320), (91, 5401), (93, 5407), (94, 5413), (96, 5419), (110, 5479), (128, 5563), (158, 5650), (165, 5671), (166, 5677), (206, 5809), (229, 5899), (239, 5965), (245, 5992),

Gene: CassieYates_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for CassieYates_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: CatBus_16 Start: 12336, Stop: 13343, Start Num: 8
Candidate Starts for CatBus_16:
(Start: 8 @12336 has 530 MA's), (52, 12480), (62, 12531), (69, 12546), (96, 12666), (100, 12687), (118, 12762), (131, 12822), (155, 12906), (162, 12924), (184, 13008), (230, 13185), (240, 13224), (241, 13230),

Gene: Catalina_17 Start: 12849, Stop: 13808, Start Num: 8
Candidate Starts for Catalina_17:
(Start: 8 @12849 has 530 MA's), (35, 12909), (55, 12999), (56, 13005), (75, 13047), (81, 13077), (84, 13101), (95, 13146), (106, 13197), (110, 13209), (114, 13227), (147, 13350), (151, 13362), (222, 13593), (240, 13698),

Gene: Caviar_16 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for Caviar_16:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Cedasite_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Cedasite_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Celestialunch_16 Start: 10979, Stop: 11974, Start Num: 8
Candidate Starts for Celestialunch_16:
(Start: 8 @10979 has 530 MA's), (35, 11039), (56, 11135), (75, 11177), (81, 11207), (84, 11231), (95, 11276), (106, 11327), (114, 11357), (184, 11612), (208, 11705), (215, 11732), (240, 11864),

Gene: Centaur_18 Start: 12652, Stop: 13608, Start Num: 8
Candidate Starts for Centaur_18:
(Start: 8 @12652 has 530 MA's), (35, 12712), (50, 12781), (56, 12808), (75, 12850), (81, 12880), (84, 12904), (95, 12949), (106, 13000), (110, 13012), (143, 13135), (151, 13162), (158, 13189), (172, 13234), (222, 13393), (224, 13411), (230, 13447), (240, 13498),

Gene: CentreCat_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for CentreCat_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: Cerasum_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Cerasum_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (232, 5775), (239, 5805), (242, 5820), (248, 5841),

Gene: Cerulean_15 Start: 11458, Stop: 12390, Start Num: 8
Candidate Starts for Cerulean_15:
(Start: 8 @11458 has 530 MA's), (35, 11518), (56, 11614), (60, 11629), (81, 11686), (84, 11710), (106, 11806), (114, 11836), (126, 11890), (174, 12034), (184, 12076), (230, 12238), (233, 12271), (240, 12289), (249, 12325), (258, 12358),

Gene: Chadwick_14 Start: 10598, Stop: 11539, Start Num: 17
Candidate Starts for Chadwick_14:
(Start: 17 @10598 has 90 MA's), (56, 10727), (81, 10799), (99, 10886), (106, 10919), (114, 10949), (151, 11060), (154, 11075), (184, 11183), (190, 11207), (205, 11267), (222, 11306), (225, 11327), (231, 11375), (244, 11432), (254, 11468), (260, 11492),

Gene: Chako_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Chako_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: ChamoyPickle_8 Start: 5499, Stop: 6410, Start Num: 18
Candidate Starts for ChamoyPickle_8:
(Start: 18 @5499 has 40 MA's), (70, 5655), (84, 5721), (88, 5736), (104, 5808), (119, 5868), (158, 5994), (172, 6039), (174, 6048), (227, 6246), (230, 6267), (255, 6366), (260, 6387),

Gene: ChampagnePapi_15 Start: 11457, Stop: 12389, Start Num: 8
Candidate Starts for ChampagnePapi_15:
(Start: 8 @11457 has 530 MA's), (35, 11517), (56, 11613), (60, 11628), (81, 11685), (84, 11709), (106, 11805), (114, 11835), (126, 11889), (174, 12033), (184, 12075), (230, 12237), (233, 12270), (240, 12288), (249, 12324), (258, 12357),

Gene: Chamuel_6 Start: 4709, Stop: 5635, Start Num: 24
Candidate Starts for Chamuel_6:
(Start: 24 @4709 has 17 MA's), (56, 4826), (60, 4847), (73, 4883), (93, 4976), (94, 4982), (96, 4988), (110, 5048), (128, 5132), (166, 5246), (204, 5372), (219, 5411), (224, 5438), (239, 5522), (245, 5549), (269, 5624),

Gene: Chanagan_14 Start: 11173, Stop: 12174, Start Num: 8

Candidate Starts for Chanagan_14:
(Start: 8 @11173 has 530 MA's), (52, 11317), (62, 11368), (69, 11383), (96, 11503), (100, 11524), (118, 11599), (131, 11659), (162, 11761), (184, 11845), (221, 11965), (230, 12022), (240, 12061), (241, 12067), (264, 12151),

Gene: Chance64_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Chance64_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Chancellor_14 Start: 9175, Stop: 10104, Start Num: 25
Candidate Starts for Chancellor_14:
(Start: 25 @9175 has 441 MA's), (50, 9265), (55, 9286), (56, 9292), (61, 9319), (80, 9379), (102, 9481), (103, 9487), (118, 9547), (131, 9607), (150, 9664), (168, 9727), (175, 9754), (213, 9847), (226, 9901), (229, 9919), (239, 9985), (255, 10045),

Gene: Changeling_19 Start: 14018, Stop: 14968, Start Num: 8
Candidate Starts for Changeling_19:
(Start: 8 @14018 has 530 MA's), (35, 14078), (50, 14147), (56, 14174), (75, 14216), (81, 14246), (84, 14270), (95, 14315), (106, 14366), (114, 14396), (132, 14480), (158, 14549), (172, 14594), (196, 14696), (222, 14753), (224, 14771), (230, 14807), (240, 14858),

Gene: Chaph_15 Start: 11488, Stop: 12420, Start Num: 8
Candidate Starts for Chaph_15:
(Start: 8 @11488 has 530 MA's), (35, 11548), (56, 11644), (81, 11716), (84, 11740), (106, 11836), (126, 11920), (174, 12064), (184, 12106), (230, 12268), (233, 12301), (240, 12319), (249, 12355), (258, 12388),

Gene: Chargerpower_16 Start: 11312, Stop: 12259, Start Num: 13
Candidate Starts for Chargerpower_16:
(Start: 13 @11312 has 9 MA's), (35, 11363), (56, 11459), (75, 11501), (81, 11531), (84, 11555), (95, 11600), (106, 11651), (110, 11663), (152, 11819), (189, 11957), (222, 12044), (230, 12098), (240, 12149),

Gene: Charm_16 Start: 11056, Stop: 12024, Start Num: 8
Candidate Starts for Charm_16:
(Start: 8 @11056 has 530 MA's), (35, 11116), (56, 11212), (75, 11254), (81, 11284), (84, 11308), (95, 11353), (106, 11404), (114, 11434), (158, 11593), (184, 11689),

Gene: Chartreuse_19 Start: 12187, Stop: 13158, Start Num: 7
Candidate Starts for Chartreuse_19:
(Start: 7 @12187 has 80 MA's), (35, 12247), (56, 12343), (75, 12385), (81, 12415), (84, 12439), (95, 12484), (106, 12535), (110, 12547), (114, 12565), (147, 12670), (196, 12856), (260, 13129),

Gene: Chavito_13 Start: 6999, Stop: 7937, Start Num: 25
Candidate Starts for Chavito_13:
(Start: 25 @6999 has 441 MA's), (50, 7089), (56, 7116), (61, 7143), (93, 7263), (96, 7275), (119, 7374), (139, 7458), (150, 7488), (219, 7686), (226, 7725), (229, 7743), (239, 7809), (240, 7812), (255, 7869),

Gene: Che12_17 Start: 10931, Stop: 11893, Start Num: 8
Candidate Starts for Che12_17:
(Start: 8 @10931 has 530 MA's), (35, 10991), (55, 11081), (56, 11087), (75, 11129), (81, 11159), (84, 11183), (95, 11228), (106, 11279), (110, 11291), (114, 11309), (151, 11441), (158, 11468), (172,

11513), (222, 11672), (267, 11873),

Gene: Che9d_7 Start: 4887, Stop: 5822, Start Num: 34
Candidate Starts for Che9d_7:
(Start: 34 @4887 has 110 MA's), (45, 4932), (47, 4941), (56, 4986), (68, 5022), (91, 5124), (106, 5199), (152, 5379), (170, 5445), (198, 5541), (207, 5574), (211, 5592), (218, 5616), (226, 5658), (251, 5757), (256, 5775), (261, 5796),

Gene: CheeseTouch_7 Start: 4901, Stop: 5842, Start Num: 34
Candidate Starts for CheeseTouch_7:
(Start: 34 @4901 has 110 MA's), (68, 5036), (86, 5117), (91, 5138), (106, 5213), (135, 5339), (193, 5540), (198, 5558), (207, 5591), (226, 5675), (261, 5813),

Gene: Cheeto1_7 Start: 4820, Stop: 5764, Start Num: 25
Candidate Starts for Cheeto1_7:
(Start: 25 @4820 has 441 MA's), (56, 4937), (60, 4958), (91, 5081), (96, 5099), (110, 5159), (128, 5243), (165, 5363), (225, 5564), (228, 5585), (239, 5645), (245, 5672),

Gene: CheetoDust_13 Start: 7951, Stop: 8886, Start Num: 25
Candidate Starts for CheetoDust_13:
(Start: 25 @7951 has 441 MA's), (50, 8041), (56, 8068), (93, 8215), (96, 8227), (98, 8239), (119, 8326), (139, 8410), (150, 8440), (219, 8638), (226, 8677), (229, 8695), (239, 8761), (240, 8764), (248, 8797), (255, 8821), (269, 8863),

Gene: Cheetobro_14 Start: 9175, Stop: 10104, Start Num: 25
Candidate Starts for Cheetobro_14:
(Start: 25 @9175 has 441 MA's), (50, 9265), (55, 9286), (56, 9292), (61, 9319), (80, 9379), (102, 9481), (103, 9487), (118, 9547), (131, 9607), (150, 9664), (168, 9727), (175, 9754), (213, 9847), (226, 9901), (229, 9919), (239, 9985), (255, 10045),

Gene: Chepli_8 Start: 5181, Stop: 6134, Start Num: 25
Candidate Starts for Chepli_8:
(Start: 25 @5181 has 441 MA's), (55, 5292), (56, 5298), (60, 5319), (61, 5325), (73, 5355), (110, 5520), (118, 5556), (135, 5634), (158, 5709), (220, 5904), (239, 6012), (240, 6015), (263, 6105),

Gene: Cherrybomb426_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Cherrybomb426_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: CherryonLim_9 Start: 5842, Stop: 6804, Start Num: 17
Candidate Starts for CherryonLim_9:
(Start: 17 @5842 has 90 MA's), (37, 5893), (44, 5932), (87, 6109), (97, 6151), (99, 6160), (110, 6205), (128, 6289), (155, 6385), (170, 6442), (187, 6496), (196, 6532), (256, 6745), (260, 6763),

Gene: ChickenDinner_7 Start: 5011, Stop: 5919, Start Num: 25
Candidate Starts for ChickenDinner_7:
(Start: 25 @5011 has 441 MA's), (50, 5101), (51, 5104), (56, 5128), (73, 5185), (80, 5215), (98, 5299), (118, 5383), (124, 5416), (164, 5548), (175, 5590), (222, 5707), (223, 5710), (229, 5755), (239, 5809), (242, 5824), (248, 5845),

Gene: ChickenKing_6 Start: 4646, Stop: 5590, Start Num: 25
Candidate Starts for ChickenKing_6:

(Start: 25 @4646 has 441 MA's), (56, 4763), (60, 4784), (61, 4790), (91, 4907), (96, 4925), (110, 4985), (128, 5069), (165, 5189), (225, 5390), (228, 5411), (239, 5471), (245, 5498), (272, 5579),

Gene: ChickenTender_10 Start: 5429, Stop: 6394, Start Num: 17
Candidate Starts for ChickenTender_10:
(6, 5393), (Start: 17 @5429 has 90 MA's), (23, 5444), (37, 5480), (64, 5609), (110, 5795), (144, 5933), (187, 6086), (204, 6152), (249, 6308), (260, 6353),

Gene: ChikPic_6 Start: 4889, Stop: 5836, Start Num: 25
Candidate Starts for ChikPic_6:
(Start: 25 @4889 has 441 MA's), (49, 4976), (56, 5006), (58, 5018), (60, 5027), (80, 5096), (110, 5228), (128, 5312), (158, 5411), (165, 5432), (225, 5633), (239, 5714),

Gene: ChipMunk_18 Start: 12560, Stop: 13516, Start Num: 8
Candidate Starts for ChipMunk_18:
(Start: 8 @12560 has 530 MA's), (35, 12620), (46, 12668), (56, 12716), (75, 12758), (81, 12788), (84, 12812), (95, 12857), (106, 12908), (114, 12938), (143, 13043), (151, 13070), (158, 13097), (172, 13142), (222, 13301), (224, 13319), (230, 13355), (240, 13406),

Gene: ChipsNGuac_8 Start: 5499, Stop: 6410, Start Num: 18
Candidate Starts for ChipsNGuac_8:
(Start: 18 @5499 has 40 MA's), (70, 5655), (84, 5721), (88, 5736), (104, 5808), (119, 5868), (158, 5994), (172, 6039), (174, 6048), (227, 6246), (230, 6267), (255, 6366), (260, 6387),

Gene: Chiqui_14 Start: 11327, Stop: 12322, Start Num: 10
Candidate Starts for Chiqui_14:
(Start: 10 @11327 has 117 MA's), (16, 11336), (56, 11468), (90, 11588), (99, 11627), (106, 11660), (131, 11771), (171, 11897), (184, 11951), (205, 12035), (219, 12062), (222, 12071), (230, 12125), (238, 12176), (244, 12209), (254, 12245), (268, 12287),

Gene: ChocoMunchkin_8 Start: 5412, Stop: 6368, Start Num: 17
Candidate Starts for ChocoMunchkin_8:
(Start: 17 @5412 has 90 MA's), (37, 5454), (86, 5667), (97, 5712), (99, 5721), (110, 5766), (134, 5877), (170, 6003), (187, 6057), (196, 6093), (197, 6096), (204, 6123), (249, 6279), (260, 6324), (261, 6327),

Gene: Chris_12 Start: 6799, Stop: 7722, Start Num: 25
Candidate Starts for Chris_12:
(Start: 25 @6799 has 441 MA's), (55, 6910), (56, 6916), (61, 6943), (83, 7021), (93, 7063), (96, 7075), (98, 7087), (119, 7174), (124, 7204), (128, 7219), (136, 7249), (161, 7324), (177, 7387), (226, 7525), (236, 7594), (239, 7609), (240, 7612), (248, 7645), (250, 7654), (255, 7669),

Gene: ChristmasHams_15 Start: 11641, Stop: 12642, Start Num: 8
Candidate Starts for ChristmasHams_15:
(Start: 8 @11641 has 530 MA's), (52, 11785), (62, 11836), (69, 11851), (96, 11971), (100, 11992), (118, 12067), (131, 12127), (146, 12178), (155, 12211), (162, 12229), (184, 12313), (230, 12490), (240, 12529), (241, 12535),

Gene: Christoph_6 Start: 4720, Stop: 5646, Start Num: 25
Candidate Starts for Christoph_6:
(Start: 25 @4720 has 441 MA's), (56, 4837), (60, 4858), (73, 4894), (93, 4987), (94, 4993), (96, 4999), (110, 5059), (128, 5143), (166, 5257), (204, 5383), (224, 5449), (239, 5533), (245, 5560), (269, 5635),

Gene: ChuckDuck_6 Start: 5552, Stop: 6535, Start Num: 12

Candidate Starts for ChuckDuck_6:
(Start: 12 @5552 has 10 MA's), (20, 5576), (44, 5654), (73, 5768), (102, 5888), (107, 5909), (118, 5954), (197, 6239), (201, 6251), (221, 6305), (239, 6425),

Gene: Chupacabra_15 Start: 11254, Stop: 12189, Start Num: 8
Candidate Starts for Chupacabra_15:
(Start: 8 @11254 has 530 MA's), (35, 11314), (56, 11410), (60, 11425), (75, 11452), (81, 11482), (84, 11506), (85, 11512), (95, 11551), (106, 11602), (114, 11632), (141, 11725), (171, 11812), (184, 11866), (189, 11887), (225, 11995), (230, 12028), (240, 12079), (249, 12115),

Gene: Ciao_15 Start: 11560, Stop: 12570, Start Num: 8
Candidate Starts for Ciao_15:
(Start: 8 @11560 has 530 MA's), (52, 11704), (62, 11755), (69, 11770), (96, 11890), (100, 11911), (118, 11986), (131, 12046), (155, 12130), (162, 12148), (184, 12232), (229, 12403), (230, 12409), (241, 12463),

Gene: Cici_15 Start: 11482, Stop: 12414, Start Num: 8
Candidate Starts for Cici_15:
(Start: 8 @11482 has 530 MA's), (35, 11542), (56, 11638), (60, 11653), (81, 11710), (84, 11734), (106, 11830), (126, 11914), (174, 12058), (184, 12100), (230, 12262), (233, 12295), (249, 12349), (258, 12382),

Gene: Cindaradix_14 Start: 11201, Stop: 12133, Start Num: 8
Candidate Starts for Cindaradix_14:
(Start: 8 @11201 has 530 MA's), (35, 11261), (52, 11339), (56, 11357), (60, 11372), (81, 11429), (84, 11453), (106, 11549), (114, 11579), (126, 11633), (174, 11777), (184, 11819), (230, 11981), (240, 12032), (249, 12068), (258, 12101),

Gene: Cintron_15 Start: 11527, Stop: 12459, Start Num: 8
Candidate Starts for Cintron_15:
(Start: 8 @11527 has 530 MA's), (35, 11587), (56, 11683), (81, 11755), (84, 11779), (106, 11875), (114, 11905), (126, 11959), (174, 12103), (184, 12145), (230, 12307), (233, 12340), (240, 12358), (249, 12394), (258, 12427),

Gene: Citius_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Citius_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Clammy_15 Start: 11103, Stop: 12077, Start Num: 10
Candidate Starts for Clammy_15:
(Start: 10 @11103 has 117 MA's), (56, 11244), (90, 11364), (99, 11403), (106, 11436), (171, 11673), (178, 11700), (184, 11727), (205, 11811), (230, 11901), (236, 11946), (238, 11952), (244, 11985), (254, 12021),

Gene: Clancy_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Clancy_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Clarenza_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Clarenza_15:

(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Cleo_8 Start: 5593, Stop: 6528, Start Num: 28
Candidate Starts for Cleo_8:
(Start: 28 @5593 has 10 MA's), (59, 5728), (88, 5839), (93, 5860), (97, 5878), (103, 5908), (118, 5968), (128, 6016), (134, 6043), (154, 6109), (155, 6112), (187, 6223), (196, 6259), (197, 6262), (202, 6277), (204, 6289), (227, 6358), (229, 6373), (248, 6442), (256, 6472),

Gene: Clipper_13 Start: 7951, Stop: 8886, Start Num: 25
Candidate Starts for Clipper_13:
(Start: 25 @7951 has 441 MA's), (50, 8041), (56, 8068), (93, 8215), (96, 8227), (98, 8239), (119, 8326), (139, 8410), (150, 8440), (219, 8638), (226, 8677), (239, 8761), (240, 8764), (248, 8797), (255, 8821), (269, 8863),

Gene: Clock_8 Start: 5907, Stop: 6884, Start Num: 25
Candidate Starts for Clock_8:
(Start: 25 @5907 has 441 MA's), (45, 5970), (50, 5997), (55, 6018), (56, 6024), (60, 6045), (83, 6132), (110, 6246), (118, 6282), (136, 6363), (158, 6435), (168, 6468), (181, 6516), (217, 6621), (222, 6636), (224, 6654), (239, 6738), (240, 6741), (245, 6765),

Gene: CloudWang3_19 Start: 12218, Stop: 13189, Start Num: 7
Candidate Starts for CloudWang3_19:
(Start: 7 @12218 has 80 MA's), (35, 12278), (56, 12374), (75, 12416), (81, 12446), (84, 12470), (95, 12515), (106, 12566), (110, 12578), (114, 12596), (147, 12701), (196, 12887), (260, 13160),

Gene: Cloudyecho_7 Start: 7194, Stop: 8096, Start Num: 34
Candidate Starts for Cloudyecho_7:
(Start: 34 @7194 has 110 MA's), (38, 7203), (48, 7251), (86, 7410), (89, 7419), (94, 7443), (103, 7494), (104, 7497), (154, 7683), (161, 7704), (190, 7806), (198, 7836), (226, 7935),

Gene: ClownCar_18 Start: 11608, Stop: 12600, Start Num: 10
Candidate Starts for ClownCar_18:
(Start: 10 @11608 has 117 MA's), (56, 11749), (90, 11869), (99, 11908), (106, 11941), (158, 12139), (178, 12208), (184, 12235), (204, 12316), (230, 12409), (236, 12454), (238, 12460), (244, 12493), (254, 12529), (260, 12553),

Gene: Coco12_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Coco12_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: CocoaPuff_7 Start: 5095, Stop: 6054, Start Num: 17
Candidate Starts for CocoaPuff_7:
(Start: 17 @5095 has 90 MA's), (37, 5146), (66, 5275), (87, 5362), (97, 5404), (99, 5413), (110, 5458), (128, 5542), (155, 5638), (170, 5695), (187, 5749), (196, 5785), (256, 5998), (260, 6016), (278, 6046),

Gene: Cocoaberry_15 Start: 11483, Stop: 12415, Start Num: 8
Candidate Starts for Cocoaberry_15:
(Start: 8 @11483 has 530 MA's), (35, 11543), (56, 11639), (81, 11711), (84, 11735), (106, 11831), (126, 11915), (174, 12059), (184, 12101), (230, 12263), (233, 12296), (240, 12314), (249, 12350),

(258, 12383),

Gene: CogOmlette_14 Start: 10914, Stop: 11882, Start Num: 8
Candidate Starts for CogOmlette_14:
(Start: 8 @10914 has 530 MA's), (35, 10974), (56, 11070), (81, 11142), (84, 11166), (95, 11211), (106, 11262), (114, 11292), (143, 11397), (152, 11430), (158, 11451), (247, 11802),

Gene: ColaCorta_6 Start: 4885, Stop: 5826, Start Num: 25
Candidate Starts for ColaCorta_6:
(Start: 25 @4885 has 441 MA's), (49, 4972), (56, 5002), (58, 5014), (60, 5023), (73, 5059), (110, 5224), (128, 5308), (158, 5407), (225, 5629), (239, 5710), (273, 5815),

Gene: Colbster_17 Start: 11539, Stop: 12531, Start Num: 10
Candidate Starts for Colbster_17:
(Start: 10 @11539 has 117 MA's), (56, 11680), (90, 11800), (99, 11839), (106, 11872), (131, 11983), (158, 12070), (184, 12166), (204, 12247), (218, 12274), (222, 12286), (230, 12340), (236, 12385), (238, 12391), (244, 12424), (254, 12460), (260, 12484),

Gene: Coleslaw_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Coleslaw_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Colin_20 Start: 13838, Stop: 14809, Start Num: 3
Candidate Starts for Colin_20:
(Start: 3 @13838 has 3 MA's), (35, 13913), (50, 13982), (56, 14009), (75, 14051), (81, 14081), (84, 14105), (95, 14150), (106, 14201), (110, 14213), (114, 14231), (120, 14261), (143, 14336), (151, 14363), (172, 14435), (196, 14537), (222, 14594), (224, 14612), (230, 14648), (240, 14699),

Gene: Collard_11 Start: 8061, Stop: 8981, Start Num: 25
Candidate Starts for Collard_11:
(Start: 25 @8061 has 441 MA's), (56, 8178), (61, 8205), (80, 8265), (87, 8301), (89, 8307), (96, 8337), (103, 8373), (119, 8436), (124, 8466), (239, 8871), (240, 8874), (248, 8907), (255, 8931),

Gene: Commander_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Commander_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: ConceptII_15 Start: 11811, Stop: 12818, Start Num: 8
Candidate Starts for ConceptII_15:
(Start: 8 @11811 has 530 MA's), (52, 11955), (62, 12006), (69, 12021), (96, 12141), (100, 12162), (118, 12237), (131, 12297), (146, 12348), (155, 12381), (162, 12399), (184, 12483), (229, 12654), (230, 12660), (234, 12693), (241, 12714), (254, 12765),

Gene: Connomayer_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Connomayer_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Conquerage_17 Start: 12878, Stop: 13837, Start Num: 8

Candidate Starts for Conquerage_17:
(Start: 8 @12878 has 530 MA's), (35, 12938), (55, 13028), (56, 13034), (75, 13076), (81, 13106), (84, 13130), (95, 13175), (106, 13226), (110, 13238), (114, 13256), (147, 13379), (151, 13391), (222, 13622), (240, 13727),

Gene: Conspiracy_13 Start: 10617, Stop: 11546, Start Num: 17
Candidate Starts for Conspiracy_13:
(Start: 17 @10617 has 90 MA's), (56, 10746), (75, 10788), (81, 10818), (99, 10905), (106, 10938), (184, 11202), (190, 11226), (205, 11286), (222, 11325), (225, 11346), (231, 11394), (244, 11451), (254, 11487), (260, 11511),

Gene: Constance_6 Start: 5596, Stop: 6579, Start Num: 12
Candidate Starts for Constance_6:
(Start: 12 @5596 has 10 MA's), (20, 5620), (44, 5698), (73, 5812), (102, 5932), (107, 5953), (118, 5998), (197, 6283), (201, 6295), (221, 6349), (239, 6469),

Gene: Convict_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Convict_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Coog_13 Start: 10767, Stop: 11699, Start Num: 17
Candidate Starts for Coog_13:
(Start: 17 @10767 has 90 MA's), (56, 10896), (75, 10938), (81, 10968), (99, 11055), (106, 11088), (184, 11352), (190, 11376), (205, 11436), (222, 11475), (225, 11496), (231, 11544), (244, 11601), (254, 11637), (260, 11661),

Gene: Cookiedough_19 Start: 12230, Stop: 13201, Start Num: 7
Candidate Starts for Cookiedough_19:
(Start: 7 @12230 has 80 MA's), (35, 12290), (56, 12386), (75, 12428), (81, 12458), (84, 12482), (95, 12527), (106, 12578), (110, 12590), (114, 12608), (147, 12713), (196, 12899), (260, 13172),

Gene: CoraRita_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for CoraRita_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Cornucopia_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Cornucopia_7:
(Start: 25 @5007 has 441 MA's), (55, 5118), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (158, 5526), (164, 5544), (222, 5703), (223, 5706), (224, 5721), (229, 5751), (232, 5775), (239, 5805),

Gene: Corvo_15 Start: 11755, Stop: 12771, Start Num: 8
Candidate Starts for Corvo_15:
(Start: 8 @11755 has 530 MA's), (62, 11950), (69, 11965), (75, 11980), (88, 12052), (96, 12085), (100, 12106), (118, 12181), (131, 12241), (184, 12427), (229, 12598), (230, 12604), (241, 12661), (250, 12697),

Gene: CosmicSans_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for CosmicSans_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Cota_6 Start: 4648, Stop: 5595, Start Num: 32
Candidate Starts for Cota_6:
(Start: 32 @4648 has 42 MA's), (44, 4696), (53, 4738), (71, 4792), (92, 4894), (99, 4924), (103, 4954), (159, 5161), (165, 5185), (174, 5221), (183, 5257), (189, 5284), (206, 5344), (222, 5374), (241, 5467), (246, 5488), (251, 5506), (263, 5548),

Gene: Cozz_8 Start: 5381, Stop: 6352, Start Num: 17
Candidate Starts for Cozz_8:
(Start: 17 @5381 has 90 MA's), (23, 5396), (37, 5432), (64, 5561), (110, 5747), (118, 5783), (135, 5861), (144, 5885), (187, 6038), (204, 6104), (249, 6260), (260, 6305),

Gene: Crespo_7 Start: 7104, Stop: 8039, Start Num: 34
Candidate Starts for Crespo_7:
(Start: 34 @7104 has 110 MA's), (47, 7161), (48, 7164), (49, 7176), (77, 7275), (86, 7323), (94, 7356), (103, 7407), (124, 7500), (202, 7779), (214, 7818), (260, 8013),

Gene: CrimD_13 Start: 7903, Stop: 8838, Start Num: 25
Candidate Starts for CrimD_13:
(Start: 25 @7903 has 441 MA's), (50, 7993), (56, 8020), (93, 8167), (96, 8179), (98, 8191), (119, 8278), (150, 8392), (219, 8590), (226, 8629), (229, 8647), (239, 8713), (240, 8716), (248, 8749), (255, 8773), (269, 8815),

Gene: Crispicous1_14 Start: 11041, Stop: 12045, Start Num: 8
Candidate Starts for Crispicous1_14:
(Start: 8 @11041 has 530 MA's), (52, 11185), (62, 11236), (69, 11251), (96, 11371), (100, 11392), (118, 11467), (131, 11527), (146, 11578), (155, 11611), (162, 11629), (184, 11713), (230, 11890), (241, 11938), (264, 12022),

Gene: Croquant_18 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for Croquant_18:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Crucio_16 Start: 12107, Stop: 13063, Start Num: 8
Candidate Starts for Crucio_16:
(Start: 8 @12107 has 530 MA's), (35, 12167), (50, 12236), (56, 12263), (75, 12305), (81, 12335), (84, 12359), (95, 12404), (106, 12455), (114, 12485), (143, 12590), (158, 12644), (222, 12848), (224, 12866), (230, 12902), (240, 12953),

Gene: Cuco_13 Start: 10798, Stop: 11730, Start Num: 17
Candidate Starts for Cuco_13:
(Start: 17 @10798 has 90 MA's), (56, 10927), (75, 10969), (81, 10999), (99, 11086), (106, 11119), (184, 11383), (190, 11407), (205, 11467), (222, 11506), (225, 11527), (231, 11575), (244, 11632), (254, 11668), (260, 11692),

Gene: Cueylyss_15 Start: 11751, Stop: 12755, Start Num: 8
Candidate Starts for Cueylyss_15:
(Start: 8 @11751 has 530 MA's), (52, 11895), (54, 11904), (62, 11946), (69, 11961), (96, 12081), (100, 12102), (118, 12177), (131, 12237), (162, 12339), (184, 12423), (191, 12453), (221, 12543), (229, 12594), (230, 12600), (241, 12648),

Gene: Cullens_17 Start: 11537, Stop: 12529, Start Num: 10

Candidate Starts for Cullens_17:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Curiosium_14 Start: 7298, Stop: 8221, Start Num: 25
Candidate Starts for Curiosium_14:
(Start: 25 @7298 has 441 MA's), (50, 7388), (56, 7415), (93, 7562), (96, 7574), (98, 7586), (119, 7673), (136, 7748), (150, 7787), (219, 7985), (226, 8024), (239, 8108), (240, 8111), (248, 8144), (255, 8168),

Gene: D29_17 Start: 12087, Stop: 13043, Start Num: 7
Candidate Starts for D29_17:
(Start: 7 @12087 has 80 MA's), (35, 12147), (55, 12237), (56, 12243), (75, 12285), (81, 12315), (84, 12339), (95, 12384), (106, 12435), (110, 12447), (114, 12465), (119, 12486), (147, 12573), (151, 12585), (152, 12591), (158, 12612), (205, 12792), (222, 12816), (230, 12870), (267, 13017),

Gene: D32_19 Start: 12087, Stop: 13043, Start Num: 7
Candidate Starts for D32_19:
(Start: 7 @12087 has 80 MA's), (35, 12147), (55, 12237), (56, 12243), (75, 12285), (81, 12315), (84, 12339), (95, 12384), (106, 12435), (110, 12447), (114, 12465), (119, 12486), (147, 12573), (151, 12585), (152, 12591), (158, 12612), (205, 12792), (222, 12816), (230, 12870), (267, 13017),

Gene: DBQu4n_19 Start: 12087, Stop: 13043, Start Num: 7
Candidate Starts for DBQu4n_19:
(Start: 7 @12087 has 80 MA's), (35, 12147), (55, 12237), (56, 12243), (75, 12285), (81, 12315), (84, 12339), (95, 12384), (106, 12435), (110, 12447), (114, 12465), (119, 12486), (147, 12573), (151, 12585), (152, 12591), (158, 12612), (205, 12792), (222, 12816), (230, 12870), (267, 13017),

Gene: DD5_16 Start: 12290, Stop: 13288, Start Num: 8
Candidate Starts for DD5_16:
(Start: 8 @12290 has 530 MA's), (52, 12434), (62, 12485), (69, 12500), (96, 12620), (100, 12641), (118, 12716), (131, 12776), (162, 12878), (184, 12962), (221, 13082), (230, 13139), (240, 13178), (241, 13184),

Gene: DMoney_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for DMoney_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: DNAIII_007 Start: 7112, Stop: 8047, Start Num: 34
Candidate Starts for DNAIII_007:
(Start: 34 @7112 has 110 MA's), (47, 7169), (48, 7172), (49, 7184), (77, 7283), (86, 7331), (94, 7364), (103, 7415), (124, 7508), (202, 7787), (214, 7826), (260, 8021),

Gene: DS6A_11 Start: 8184, Stop: 9230, Start Num: 25
Candidate Starts for DS6A_11:
(Start: 25 @8184 has 441 MA's), (36, 8208), (51, 8277), (56, 8301), (61, 8328), (62, 8331), (94, 8475), (98, 8493), (108, 8535), (118, 8577), (134, 8652), (153, 8706), (167, 8748), (172, 8766), (183, 8811), (198, 8880), (202, 8892), (209, 8922), (223, 8955), (224, 8970), (226, 8982), (239, 9054), (257, 9123), (262, 9141), (266, 9150),

Gene: DaHudson_17 Start: 11531, Stop: 12523, Start Num: 10
Candidate Starts for DaHudson_17:

(Start: 10 @11531 has 117 MA's), (56, 11672), (90, 11792), (99, 11831), (106, 11864), (131, 11975), (158, 12062), (184, 12158), (204, 12239), (218, 12266), (222, 12278), (230, 12332), (236, 12377), (238, 12383), (244, 12416), (254, 12452), (260, 12476),

Gene: DaVinci_19 Start: 12241, Stop: 13212, Start Num: 7
Candidate Starts for DaVinci_19:
(Start: 7 @12241 has 80 MA's), (35, 12301), (56, 12397), (75, 12439), (81, 12469), (84, 12493), (95, 12538), (106, 12589), (110, 12601), (114, 12619), (147, 12724), (196, 12910), (260, 13183),

Gene: DaWorst_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for DaWorst_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Dadosky_11 Start: 7994, Stop: 8926, Start Num: 25
Candidate Starts for Dadosky_11:
(Start: 25 @7994 has 441 MA's), (56, 8111), (61, 8138), (80, 8198), (87, 8234), (89, 8240), (96, 8270), (103, 8306), (119, 8369), (124, 8399), (239, 8804), (240, 8807), (255, 8864),

Gene: Daishi_16 Start: 10464, Stop: 11456, Start Num: 10
Candidate Starts for Daishi_16:
(Start: 10 @10464 has 117 MA's), (56, 10605), (90, 10725), (99, 10764), (106, 10797), (131, 10908), (158, 10995), (184, 11091), (204, 11172), (218, 11199), (222, 11211), (230, 11265), (236, 11310), (238, 11316), (244, 11349), (254, 11385), (260, 11409),

Gene: Dalmatian_16 Start: 12257, Stop: 13213, Start Num: 8
Candidate Starts for Dalmatian_16:
(Start: 8 @12257 has 530 MA's), (35, 12317), (50, 12386), (56, 12413), (75, 12455), (81, 12485), (84, 12509), (95, 12554), (106, 12605), (114, 12635), (143, 12740), (158, 12794), (222, 12998), (224, 13016), (230, 13052), (240, 13103),

Gene: Dalmuri_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Dalmuri_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: DanSyl44_14 Start: 9178, Stop: 10107, Start Num: 25
Candidate Starts for DanSyl44_14:
(Start: 25 @9178 has 441 MA's), (50, 9268), (55, 9289), (56, 9295), (61, 9322), (80, 9382), (102, 9484), (103, 9490), (118, 9550), (131, 9610), (150, 9667), (168, 9730), (175, 9757), (213, 9850), (226, 9904), (229, 9922), (239, 9988), (255, 10048),

Gene: Danforth_12 Start: 10360, Stop: 11310, Start Num: 17
Candidate Starts for Danforth_12:
(Start: 17 @10360 has 90 MA's), (56, 10489), (75, 10531), (99, 10648), (106, 10681), (121, 10756), (152, 10840), (178, 10930), (184, 10957), (192, 10990), (205, 11041), (222, 11080), (244, 11206), (254, 11242),

Gene: Darionha_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Darionha_7:

(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Darrell_18 Start: 13070, Stop: 14029, Start Num: 8
Candidate Starts for Darrell_18:
(Start: 8 @13070 has 530 MA's), (35, 13130), (55, 13220), (56, 13226), (75, 13268), (81, 13298), (84, 13322), (95, 13367), (106, 13418), (114, 13448), (132, 13532), (147, 13571), (151, 13583), (196, 13757), (222, 13814), (240, 13919),

Gene: DartGoblin_13 Start: 7861, Stop: 8796, Start Num: 25
Candidate Starts for DartGoblin_13:
(Start: 25 @7861 has 441 MA's), (50, 7951), (56, 7978), (93, 8125), (96, 8137), (98, 8149), (119, 8236), (150, 8350), (219, 8548), (226, 8587), (229, 8605), (239, 8671), (248, 8707), (255, 8731), (269, 8773),

Gene: DarthP_12 Start: 7821, Stop: 8753, Start Num: 25
Candidate Starts for DarthP_12:
(Start: 25 @7821 has 441 MA's), (50, 7911), (56, 7938), (61, 7965), (96, 8097), (109, 8154), (128, 8241), (136, 8271), (150, 8310), (177, 8409), (224, 8535), (226, 8547), (229, 8565), (239, 8631), (240, 8634), (255, 8691),

Gene: DarthPhader_17 Start: 13036, Stop: 13998, Start Num: 8
Candidate Starts for DarthPhader_17:
(Start: 8 @13036 has 530 MA's), (35, 13096), (55, 13186), (56, 13192), (75, 13234), (81, 13264), (84, 13288), (95, 13333), (106, 13384), (114, 13414), (126, 13468), (147, 13540), (151, 13552), (158, 13579), (222, 13783), (240, 13888), (258, 13957),

Gene: Dartin_13 Start: 7012, Stop: 7941, Start Num: 25
Candidate Starts for Dartin_13:
(Start: 25 @7012 has 441 MA's), (50, 7102), (56, 7129), (61, 7156), (93, 7276), (96, 7288), (119, 7387), (139, 7471), (219, 7699), (226, 7738), (229, 7756), (239, 7822), (240, 7825), (255, 7882), (260, 7903),

Gene: Datway_15 Start: 11500, Stop: 12432, Start Num: 8
Candidate Starts for Datway_15:
(Start: 8 @11500 has 530 MA's), (35, 11560), (56, 11656), (60, 11671), (76, 11713), (81, 11728), (84, 11752), (106, 11848), (114, 11878), (126, 11932), (174, 12076), (184, 12118), (230, 12280), (240, 12331), (249, 12367), (258, 12400),

Gene: Dave_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Dave_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (115, 5068), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Deano_15 Start: 11487, Stop: 12419, Start Num: 8
Candidate Starts for Deano_15:
(Start: 8 @11487 has 530 MA's), (35, 11547), (56, 11643), (60, 11658), (81, 11715), (84, 11739), (106, 11835), (114, 11865), (126, 11919), (174, 12063), (184, 12105), (230, 12267), (233, 12300), (240, 12318), (249, 12354), (258, 12387),

Gene: Deby_13 Start: 7902, Stop: 8840, Start Num: 25
Candidate Starts for Deby_13:
(Start: 25 @7902 has 441 MA's), (50, 7992), (56, 8019), (93, 8166), (96, 8178), (98, 8190), (119, 8277), (139, 8361), (150, 8391), (219, 8589), (226, 8628), (239, 8712), (240, 8715), (248, 8748), (255, 8772),

(269, 8814),

Gene: DeerParkTS_17 Start: 12215, Stop: 13171, Start Num: 8
Candidate Starts for DeerParkTS_17:
(Start: 8 @12215 has 530 MA's), (35, 12275), (56, 12371), (75, 12413), (81, 12443), (84, 12467), (95, 12512), (106, 12563), (110, 12575), (114, 12593), (120, 12623), (143, 12698), (151, 12725), (168, 12782), (222, 12956), (230, 13010), (240, 13061),

Gene: DekHockey33_18 Start: 11417, Stop: 12367, Start Num: 8
Candidate Starts for DekHockey33_18:
(Start: 8 @11417 has 530 MA's), (35, 11477), (56, 11573), (81, 11645), (84, 11669), (95, 11714), (106, 11765), (114, 11795), (225, 12173), (249, 12293), (260, 12338),

Gene: Deloris_17 Start: 12587, Stop: 13543, Start Num: 8
Candidate Starts for Deloris_17:
(Start: 8 @12587 has 530 MA's), (19, 12611), (35, 12647), (56, 12743), (75, 12785), (81, 12815), (84, 12839), (95, 12884), (106, 12935), (110, 12947), (120, 12995), (151, 13097), (168, 13154), (230, 13382), (240, 13433),

Gene: Delphidian_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Delphidian_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: DelvinSonDorr_18 Start: 12231, Stop: 13202, Start Num: 7
Candidate Starts for DelvinSonDorr_18:
(Start: 7 @12231 has 80 MA's), (35, 12291), (56, 12387), (75, 12429), (81, 12459), (84, 12483), (95, 12528), (106, 12579), (110, 12591), (114, 12609), (147, 12714), (196, 12900), (260, 13173),

Gene: Demsculpinboyz_7 Start: 4878, Stop: 5813, Start Num: 34
Candidate Starts for Demsculpinboyz_7:
(Start: 34 @4878 has 110 MA's), (45, 4923), (47, 4932), (56, 4977), (68, 5013), (91, 5115), (106, 5190), (152, 5370), (170, 5436), (198, 5532), (207, 5565), (211, 5583), (218, 5607), (226, 5649), (251, 5748), (256, 5766), (261, 5787),

Gene: Den3_6 Start: 4712, Stop: 5638, Start Num: 25
Candidate Starts for Den3_6:
(Start: 25 @4712 has 441 MA's), (56, 4829), (60, 4850), (73, 4886), (93, 4979), (94, 4985), (96, 4991), (110, 5051), (128, 5135), (166, 5249), (204, 5375), (224, 5441), (239, 5525), (245, 5552), (269, 5627),

Gene: Devera_13 Start: 7928, Stop: 8863, Start Num: 25
Candidate Starts for Devera_13:
(Start: 25 @7928 has 441 MA's), (50, 8018), (56, 8045), (93, 8192), (96, 8204), (98, 8216), (119, 8303), (150, 8417), (219, 8615), (226, 8654), (229, 8672), (239, 8738), (240, 8741), (248, 8774), (249, 8777), (255, 8798), (269, 8840),

Gene: Dexes_16 Start: 12255, Stop: 13259, Start Num: 8
Candidate Starts for Dexes_16:
(Start: 8 @12255 has 530 MA's), (69, 12465), (96, 12585), (100, 12606), (118, 12681), (131, 12741), (146, 12792), (155, 12825), (162, 12843), (184, 12927), (230, 13104), (240, 13143), (241, 13149),

Gene: Dhanush_15 Start: 11482, Stop: 12414, Start Num: 8
Candidate Starts for Dhanush_15:

(Start: 8 @11482 has 530 MA's), (35, 11542), (56, 11638), (81, 11710), (84, 11734), (106, 11830), (126, 11914), (174, 12058), (184, 12100), (230, 12262), (233, 12295), (240, 12313), (249, 12349), (258, 12382),

Gene: Dieselweasel_17 Start: 11540, Stop: 12532, Start Num: 10
Candidate Starts for Dieselweasel_17:
(Start: 10 @11540 has 117 MA's), (56, 11681), (90, 11801), (99, 11840), (106, 11873), (131, 11984), (158, 12071), (184, 12167), (204, 12248), (218, 12275), (222, 12287), (230, 12341), (236, 12386), (238, 12392), (244, 12425), (254, 12461), (260, 12485),

Gene: Dignity_18 Start: 12569, Stop: 13525, Start Num: 8
Candidate Starts for Dignity_18:
(Start: 8 @12569 has 530 MA's), (35, 12629), (46, 12677), (50, 12698), (56, 12725), (75, 12767), (81, 12797), (84, 12821), (106, 12917), (110, 12929), (143, 13052), (151, 13079), (158, 13106), (172, 13151), (222, 13310), (224, 13328), (230, 13364), (240, 13415),

Gene: DingDing_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for DingDing_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Dinger_12 Start: 7697, Stop: 8599, Start Num: 18
Candidate Starts for Dinger_12:
(Start: 18 @7697 has 40 MA's), (56, 7826), (85, 7928), (96, 7970), (99, 7985), (106, 8018), (178, 8273), (192, 8333), (200, 8366),

Gene: DirtDevil_16 Start: 12144, Stop: 13151, Start Num: 8
Candidate Starts for DirtDevil_16:
(Start: 8 @12144 has 530 MA's), (52, 12288), (62, 12339), (69, 12354), (96, 12474), (100, 12495), (118, 12570), (131, 12630), (155, 12714), (162, 12732), (184, 12816), (230, 12993), (240, 13032), (241, 13038),

Gene: DirtMcgirt_7 Start: 5009, Stop: 5917, Start Num: 25
Candidate Starts for DirtMcgirt_7:
(Start: 25 @5009 has 441 MA's), (50, 5099), (51, 5102), (56, 5126), (73, 5183), (80, 5213), (98, 5297), (124, 5414), (164, 5546), (175, 5588), (222, 5705), (223, 5708), (229, 5753), (239, 5807), (242, 5822), (248, 5843),

Gene: DirtyDunning_15 Start: 11475, Stop: 12407, Start Num: 8
Candidate Starts for DirtyDunning_15:
(Start: 8 @11475 has 530 MA's), (35, 11535), (56, 11631), (81, 11703), (84, 11727), (106, 11823), (114, 11853), (126, 11907), (174, 12051), (184, 12093), (230, 12255), (233, 12288), (240, 12306), (249, 12342), (258, 12375),

Gene: Discoknowium_13 Start: 10907, Stop: 11836, Start Num: 17
Candidate Starts for Discoknowium_13:
(Start: 17 @10907 has 90 MA's), (56, 11036), (75, 11078), (81, 11108), (99, 11195), (106, 11228), (184, 11492), (190, 11516), (205, 11576), (222, 11615), (225, 11636), (231, 11684), (244, 11741), (254, 11777), (260, 11801),

Gene: DismalFunk_9 Start: 5947, Stop: 6864, Start Num: 25
Candidate Starts for DismalFunk_9:

(Start: 25 @5947 has 441 MA's), (55, 6058), (56, 6064), (61, 6091), (96, 6223), (102, 6253), (103, 6259), (131, 6379), (183, 6559), (224, 6661), (239, 6757), (248, 6793), (250, 6802), (264, 6847),

Gene: DismalStressor_9 Start: 5947, Stop: 6864, Start Num: 25
Candidate Starts for DismalStressor_9:
(Start: 25 @5947 has 441 MA's), (55, 6058), (56, 6064), (61, 6091), (96, 6223), (102, 6253), (103, 6259), (131, 6379), (183, 6559), (224, 6661), (239, 6757), (248, 6793), (250, 6802), (264, 6847),

Gene: Dixon_13 Start: 10379, Stop: 11329, Start Num: 17
Candidate Starts for Dixon_13:
(Start: 17 @10379 has 90 MA's), (56, 10508), (75, 10550), (99, 10667), (106, 10700), (121, 10775), (152, 10859), (178, 10949), (184, 10976), (192, 11009), (205, 11060), (222, 11099), (244, 11225), (254, 11261),

Gene: DocMcStuffins_7 Start: 5011, Stop: 5919, Start Num: 25
Candidate Starts for DocMcStuffins_7:
(Start: 25 @5011 has 441 MA's), (50, 5101), (51, 5104), (56, 5128), (73, 5185), (80, 5215), (98, 5299), (118, 5383), (124, 5416), (164, 5548), (175, 5590), (222, 5707), (223, 5710), (229, 5755), (239, 5809), (242, 5824), (248, 5845),

Gene: Dole_13 Start: 7930, Stop: 8865, Start Num: 25
Candidate Starts for Dole_13:
(Start: 25 @7930 has 441 MA's), (50, 8020), (56, 8047), (93, 8194), (96, 8206), (98, 8218), (119, 8305), (150, 8419), (219, 8617), (226, 8656), (229, 8674), (239, 8740), (240, 8743), (248, 8776), (249, 8779), (255, 8800), (269, 8842),

Gene: DontArgue_14 Start: 9504, Stop: 10442, Start Num: 8
Candidate Starts for DontArgue_14:
(Start: 8 @9504 has 530 MA's), (35, 9564), (52, 9642), (56, 9660), (60, 9675), (75, 9702), (81, 9732), (84, 9756), (95, 9801), (106, 9852), (114, 9882), (147, 9984), (171, 10065), (184, 10119), (240, 10332), (249, 10368), (258, 10401),

Gene: Doom_15 Start: 11833, Stop: 12852, Start Num: 8
Candidate Starts for Doom_15:
(Start: 8 @11833 has 530 MA's), (62, 12028), (69, 12043), (75, 12058), (88, 12130), (96, 12163), (100, 12184), (118, 12259), (131, 12319), (184, 12505), (229, 12676), (230, 12682), (241, 12739), (250, 12775),

Gene: Doomslug_8 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Doomslug_8:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (55, 5118), (56, 5124), (65, 5163), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (222, 5703), (223, 5706), (224, 5721), (229, 5751), (239, 5805), (248, 5841),

Gene: Dorothea_19 Start: 12240, Stop: 13211, Start Num: 7
Candidate Starts for Dorothea_19:
(Start: 7 @12240 has 80 MA's), (35, 12300), (56, 12396), (75, 12438), (81, 12468), (84, 12492), (95, 12537), (106, 12588), (110, 12600), (114, 12618), (147, 12723), (196, 12909), (260, 13182),

Gene: DosHalletts_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for DosHalletts_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820),

(248, 5841),

Gene: Dothraki_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Dothraki_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: DoubleChamp_11 Start: 8061, Stop: 8981, Start Num: 25
Candidate Starts for DoubleChamp_11:
(Start: 25 @8061 has 441 MA's), (56, 8178), (61, 8205), (80, 8265), (87, 8301), (89, 8307), (96, 8337), (103, 8373), (119, 8436), (124, 8466), (239, 8871), (240, 8874), (248, 8907), (255, 8931),

Gene: Doughnut_9 Start: 5933, Stop: 6850, Start Num: 25
Candidate Starts for Doughnut_9:
(Start: 25 @5933 has 441 MA's), (55, 6044), (56, 6050), (61, 6077), (83, 6155), (96, 6209), (102, 6239), (103, 6245), (131, 6365), (183, 6545), (221, 6626), (224, 6647), (226, 6659), (239, 6743), (248, 6779), (250, 6788), (264, 6833),

Gene: DrFeelGood_14 Start: 11358, Stop: 12377, Start Num: 8
Candidate Starts for DrFeelGood_14:
(Start: 8 @11358 has 530 MA's), (62, 11553), (69, 11568), (75, 11583), (88, 11655), (96, 11688), (100, 11709), (118, 11784), (131, 11844), (184, 12030), (229, 12201), (230, 12207), (241, 12264), (250, 12300),

Gene: DrHayes_13 Start: 7882, Stop: 8817, Start Num: 25
Candidate Starts for DrHayes_13:
(Start: 25 @7882 has 441 MA's), (50, 7972), (56, 7999), (93, 8146), (96, 8158), (98, 8170), (119, 8257), (150, 8371), (219, 8569), (226, 8608), (229, 8626), (239, 8692), (248, 8728), (255, 8752), (269, 8794),

Gene: DrParker_6 Start: 4638, Stop: 5606, Start Num: 32
Candidate Starts for DrParker_6:
(Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (63, 4770), (71, 4782), (92, 4884), (99, 4914), (103, 4944), (116, 4995), (174, 5211), (183, 5247), (189, 5274), (206, 5334), (218, 5352), (241, 5457), (246, 5478), (251, 5496), (263, 5538),

Gene: Drago_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Drago_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Drake55_18 Start: 12670, Stop: 13626, Start Num: 8
Candidate Starts for Drake55_18:
(Start: 8 @12670 has 530 MA's), (15, 12685), (35, 12730), (56, 12826), (75, 12868), (81, 12898), (84, 12922), (95, 12967), (106, 13018), (114, 13048), (143, 13153), (151, 13180), (158, 13207), (172, 13252), (222, 13411), (224, 13429), (230, 13465), (240, 13516),

Gene: Drake94_14 Start: 9354, Stop: 10286, Start Num: 8
Candidate Starts for Drake94_14:
(Start: 8 @9354 has 530 MA's), (35, 9414), (52, 9492), (56, 9510), (60, 9525), (75, 9552), (81, 9582), (84, 9606), (95, 9651), (106, 9702), (152, 9852), (156, 9867), (171, 9915), (184, 9969), (240, 10182), (249, 10218), (253, 10236), (258, 10251),

Gene: Dre3_8 Start: 5540, Stop: 6475, Start Num: 28
Candidate Starts for Dre3_8:
(Start: 28 @5540 has 10 MA's), (59, 5675), (88, 5786), (93, 5807), (97, 5825), (103, 5855), (118, 5915), (128, 5963), (134, 5990), (154, 6056), (155, 6059), (187, 6170), (196, 6206), (197, 6209), (202, 6224), (204, 6236), (227, 6305), (229, 6320), (248, 6389), (256, 6419),

Gene: DreamCatcher_18 Start: 12787, Stop: 13803, Start Num: 8
Candidate Starts for DreamCatcher_18:
(Start: 8 @12787 has 530 MA's), (62, 12982), (69, 12997), (75, 13012), (88, 13084), (96, 13117), (100, 13138), (118, 13213), (131, 13273), (184, 13459), (229, 13630), (230, 13636), (241, 13693), (250, 13729), (254, 13744),

Gene: DreamTeam1_16 Start: 11056, Stop: 12024, Start Num: 8
Candidate Starts for DreamTeam1_16:
(Start: 8 @11056 has 530 MA's), (35, 11116), (56, 11212), (75, 11254), (81, 11284), (84, 11308), (95, 11353), (106, 11404), (114, 11434), (158, 11593), (184, 11689),

Gene: Dreamboat_16 Start: 11485, Stop: 12495, Start Num: 8
Candidate Starts for Dreamboat_16:
(Start: 8 @11485 has 530 MA's), (52, 11629), (62, 11680), (69, 11695), (96, 11815), (100, 11836), (118, 11911), (131, 11971), (146, 12022), (155, 12055), (162, 12073), (184, 12157), (229, 12328), (230, 12334), (241, 12388),

Gene: DroogsArmy_16 Start: 12816, Stop: 13775, Start Num: 8
Candidate Starts for DroogsArmy_16:
(Start: 8 @12816 has 530 MA's), (35, 12876), (50, 12945), (56, 12972), (60, 12987), (81, 13044), (85, 13074), (106, 13164), (156, 13350), (184, 13452), (230, 13626), (240, 13677), (249, 13713),

Gene: DropBear_15 Start: 11163, Stop: 12137, Start Num: 10
Candidate Starts for DropBear_15:
(Start: 10 @11163 has 117 MA's), (56, 11304), (90, 11424), (99, 11463), (106, 11496), (171, 11733), (178, 11760), (184, 11787), (205, 11871), (230, 11961), (236, 12006), (238, 12012), (244, 12045), (254, 12081),

Gene: Druantia_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for Druantia_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: Dublin_12 Start: 10766, Stop: 11698, Start Num: 17
Candidate Starts for Dublin_12:
(Start: 17 @10766 has 90 MA's), (56, 10895), (75, 10937), (81, 10967), (99, 11054), (106, 11087), (157, 11252), (184, 11351), (190, 11375), (205, 11435), (222, 11474), (225, 11495), (231, 11543), (244, 11600), (254, 11636), (260, 11660),

Gene: DudeLittle_16 Start: 12259, Stop: 13215, Start Num: 8
Candidate Starts for DudeLittle_16:
(Start: 8 @12259 has 530 MA's), (35, 12319), (50, 12388), (56, 12415), (75, 12457), (81, 12487), (84, 12511), (95, 12556), (106, 12607), (114, 12637), (143, 12742), (158, 12796), (222, 13000), (224, 13018), (230, 13054), (240, 13105),

Gene: Dulcie_14 Start: 11232, Stop: 12230, Start Num: 8

Candidate Starts for Dulcie_14:
(Start: 8 @11232 has 530 MA's), (52, 11376), (62, 11427), (69, 11442), (96, 11562), (100, 11583), (118, 11658), (131, 11718), (162, 11820), (184, 11904), (221, 12024), (230, 12081), (240, 12120), (241, 12126),

Gene: Duocatuli_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Duocatuli_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Duplo_19 Start: 12128, Stop: 13084, Start Num: 7
Candidate Starts for Duplo_19:
(Start: 7 @12128 has 80 MA's), (35, 12188), (55, 12278), (56, 12284), (75, 12326), (81, 12356), (84, 12380), (95, 12425), (106, 12476), (110, 12488), (114, 12506), (119, 12527), (147, 12614), (151, 12626), (152, 12632), (158, 12653), (205, 12833), (222, 12857), (230, 12911), (267, 13058),

Gene: Durfee_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Durfee_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Dussy_16 Start: 11593, Stop: 12609, Start Num: 8
Candidate Starts for Dussy_16:
(Start: 8 @11593 has 530 MA's), (62, 11788), (69, 11803), (75, 11818), (88, 11890), (96, 11923), (100, 11944), (118, 12019), (131, 12079), (184, 12265), (229, 12436), (230, 12442), (241, 12499), (250, 12535),

Gene: DustyMartin_18 Start: 11324, Stop: 12259, Start Num: 8
Candidate Starts for DustyMartin_18:
(Start: 8 @11324 has 530 MA's), (35, 11384), (52, 11462), (56, 11480), (60, 11495), (75, 11522), (81, 11552), (84, 11576), (106, 11672), (114, 11702), (141, 11795), (171, 11882), (184, 11936), (189, 11957), (225, 12065), (230, 12098), (240, 12149), (249, 12185),

Gene: Dynamix_16 Start: 11642, Stop: 12640, Start Num: 8
Candidate Starts for Dynamix_16:
(Start: 8 @11642 has 530 MA's), (52, 11786), (62, 11837), (69, 11852), (96, 11972), (100, 11993), (118, 12068), (131, 12128), (155, 12212), (162, 12230), (184, 12314), (221, 12434), (230, 12491), (240, 12530), (241, 12536),

Gene: ECartman_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for ECartman_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: EZMoney23_20 Start: 14135, Stop: 15100, Start Num: 8
Candidate Starts for EZMoney23_20:
(Start: 8 @14135 has 530 MA's), (35, 14195), (56, 14291), (75, 14333), (81, 14363), (84, 14387), (95, 14432), (106, 14483), (132, 14597), (158, 14675), (172, 14720), (196, 14822), (222, 14879), (224, 14897), (230, 14933), (240, 14984), (267, 15080),

Gene: Eagle_14 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Eagle_14:

(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: EagleEye_18 Start: 12405, Stop: 13361, Start Num: 8
Candidate Starts for EagleEye_18:
(Start: 8 @12405 has 530 MA's), (35, 12465), (55, 12555), (56, 12561), (75, 12603), (81, 12633), (84, 12657), (95, 12702), (106, 12753), (114, 12783), (126, 12837), (147, 12903), (253, 13305),

Gene: Eaglepride_16 Start: 11253, Stop: 12191, Start Num: 8
Candidate Starts for Eaglepride_16:
(Start: 8 @11253 has 530 MA's), (35, 11313), (52, 11391), (56, 11409), (60, 11424), (75, 11451), (81, 11481), (84, 11505), (85, 11511), (106, 11601), (114, 11631), (127, 11691), (171, 11814), (184, 11868), (230, 12030), (240, 12081), (249, 12117),

Gene: Eapen_15 Start: 11481, Stop: 12413, Start Num: 8
Candidate Starts for Eapen_15:
(Start: 8 @11481 has 530 MA's), (35, 11541), (56, 11637), (81, 11709), (84, 11733), (106, 11829), (126, 11913), (174, 12057), (184, 12099), (230, 12261), (233, 12294), (240, 12312), (249, 12348), (258, 12381),

Gene: Ebony_16 Start: 12757, Stop: 13737, Start Num: 7
Candidate Starts for Ebony_16:
(Start: 7 @12757 has 80 MA's), (35, 12817), (43, 12847), (55, 12907), (56, 12913), (75, 12955), (81, 12985), (84, 13009), (95, 13054), (106, 13105), (110, 13117), (114, 13135), (132, 13219), (147, 13255), (151, 13267), (158, 13294), (230, 13552), (253, 13657),

Gene: Echild_16 Start: 12262, Stop: 13218, Start Num: 8
Candidate Starts for Echild_16:
(Start: 8 @12262 has 530 MA's), (35, 12322), (46, 12370), (50, 12391), (56, 12418), (75, 12460), (81, 12490), (95, 12559), (106, 12610), (143, 12745), (172, 12844), (224, 13021), (230, 13057), (240, 13108),

Gene: Ecliptus_7 Start: 4921, Stop: 5862, Start Num: 34
Candidate Starts for Ecliptus_7:
(Start: 34 @4921 has 110 MA's), (68, 5056), (86, 5137), (91, 5158), (106, 5233), (135, 5359), (193, 5560), (198, 5578), (207, 5611), (226, 5695), (261, 5833),

Gene: Edison31_15 Start: 11282, Stop: 12223, Start Num: 8
Candidate Starts for Edison31_15:
(Start: 8 @11282 has 530 MA's), (35, 11342), (52, 11420), (56, 11438), (60, 11453), (75, 11480), (81, 11510), (84, 11534), (106, 11630), (110, 11642), (114, 11660), (131, 11735), (141, 11756), (171, 11843), (184, 11897), (225, 12026), (230, 12059), (240, 12110), (249, 12146),

Gene: EdogawaKiddo_15 Start: 12848, Stop: 13807, Start Num: 8
Candidate Starts for EdogawaKiddo_15:
(Start: 8 @12848 has 530 MA's), (35, 12908), (55, 12998), (56, 13004), (75, 13046), (81, 13076), (84, 13100), (95, 13145), (106, 13196), (110, 13208), (114, 13226), (147, 13349), (151, 13361), (222, 13592), (240, 13697),

Gene: Edtherson_16 Start: 12091, Stop: 13107, Start Num: 8
Candidate Starts for Edtherson_16:

(Start: 8 @12091 has 530 MA's), (62, 12286), (69, 12301), (96, 12421), (100, 12442), (118, 12517), (131, 12577), (184, 12763), (229, 12934), (230, 12940), (241, 12997), (250, 13033),

Gene: Edugator_10 Start: 7994, Stop: 8926, Start Num: 25
Candidate Starts for Edugator_10:
(Start: 25 @7994 has 441 MA's), (56, 8111), (61, 8138), (80, 8198), (87, 8234), (89, 8240), (96, 8270), (103, 8306), (119, 8369), (124, 8399), (239, 8804), (240, 8807), (255, 8864),

Gene: Efra2_13 Start: 6872, Stop: 7801, Start Num: 25
Candidate Starts for Efra2_13:
(Start: 25 @6872 has 441 MA's), (50, 6962), (56, 6989), (93, 7136), (96, 7148), (98, 7160), (119, 7247), (150, 7361), (219, 7559), (226, 7598), (239, 7682), (240, 7685), (248, 7718), (255, 7742), (263, 7769), (269, 7784),

Gene: Eidsmoe_17 Start: 12878, Stop: 13837, Start Num: 8
Candidate Starts for Eidsmoe_17:
(Start: 8 @12878 has 530 MA's), (35, 12938), (55, 13028), (56, 13034), (75, 13076), (81, 13106), (84, 13130), (95, 13175), (106, 13226), (110, 13238), (114, 13256), (147, 13379), (151, 13391), (222, 13622), (240, 13727),

Gene: Eileen_6 Start: 5556, Stop: 6539, Start Num: 12
Candidate Starts for Eileen_6:
(Start: 12 @5556 has 10 MA's), (20, 5580), (44, 5658), (73, 5772), (96, 5862), (102, 5892), (107, 5913), (118, 5958), (197, 6243), (201, 6255), (221, 6309), (239, 6429),

Gene: Ekdilam_10 Start: 7548, Stop: 8483, Start Num: 25
Candidate Starts for Ekdilam_10:
(Start: 25 @7548 has 441 MA's), (50, 7638), (56, 7665), (61, 7692), (96, 7824), (103, 7860), (128, 7968), (136, 7998), (150, 8037), (177, 8136), (224, 8262), (226, 8274), (229, 8292), (239, 8358), (240, 8361), (248, 8394), (255, 8418),

Gene: ElJefes_7 Start: 5565, Stop: 6527, Start Num: 17
Candidate Starts for ElJefes_7:
(Start: 17 @5565 has 90 MA's), (37, 5616), (44, 5655), (87, 5832), (97, 5874), (99, 5883), (110, 5928), (128, 6012), (155, 6108), (170, 6165), (187, 6219), (196, 6255), (256, 6468), (260, 6486),

Gene: ElTiger69_13 Start: 10628, Stop: 11569, Start Num: 17
Candidate Starts for ElTiger69_13:
(Start: 17 @10628 has 90 MA's), (56, 10757), (81, 10829), (99, 10916), (106, 10949), (151, 11090), (184, 11213), (190, 11237), (205, 11297), (222, 11336), (225, 11357), (231, 11405), (244, 11462), (254, 11498), (260, 11522),

Gene: Elephantoon_17 Start: 12496, Stop: 13455, Start Num: 8
Candidate Starts for Elephantoon_17:
(Start: 8 @12496 has 530 MA's), (35, 12556), (55, 12646), (56, 12652), (75, 12694), (81, 12724), (84, 12748), (95, 12793), (106, 12844), (114, 12874), (147, 12997), (151, 13009), (196, 13183), (222, 13240), (240, 13345),

Gene: Eleri_6 Start: 4886, Stop: 5833, Start Num: 25
Candidate Starts for Eleri_6:
(Start: 25 @4886 has 441 MA's), (49, 4973), (56, 5003), (58, 5015), (60, 5024), (73, 5060), (110, 5225), (128, 5309), (158, 5408), (225, 5630), (239, 5711),

Gene: Elfy_6 Start: 4684, Stop: 5601, Start Num: 29
Candidate Starts for Elfy_6:
(Start: 29 @4684 has 2 MA's), (57, 4810), (71, 4843), (92, 4945), (93, 4948), (97, 4966), (110, 5020), (117, 5050), (152, 5182), (165, 5227), (168, 5239), (182, 5278), (185, 5296), (199, 5350), (248, 5521), (256, 5551), (258, 5557), (260, 5569),

Gene: Elinal_9 Start: 5097, Stop: 6056, Start Num: 17
Candidate Starts for Elinal_9:
(Start: 17 @5097 has 90 MA's), (37, 5148), (66, 5277), (87, 5364), (97, 5406), (99, 5415), (110, 5460), (128, 5544), (155, 5640), (170, 5697), (187, 5751), (196, 5787), (256, 6000), (260, 6018), (278, 6048),

Gene: Eliott_8 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for Eliott_8:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (135, 5860), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: Elle_16 Start: 11022, Stop: 11978, Start Num: 8
Candidate Starts for Elle_16:
(Start: 8 @11022 has 530 MA's), (35, 11082), (56, 11178), (81, 11250), (84, 11274), (95, 11319), (106, 11370), (110, 11382), (114, 11400), (260, 11949),

Gene: Ellie_10 Start: 7643, Stop: 8566, Start Num: 25
Candidate Starts for Ellie_10:
(Start: 25 @7643 has 441 MA's), (50, 7733), (56, 7760), (61, 7787), (80, 7847), (96, 7919), (98, 7931), (109, 7976), (124, 8048), (144, 8111), (177, 8231), (224, 8357), (226, 8369), (229, 8387), (239, 8453), (240, 8456), (248, 8489), (255, 8513),

Gene: Emalyn_7 Start: 5103, Stop: 6074, Start Num: 17
Candidate Starts for Emalyn_7:
(Start: 17 @5103 has 90 MA's), (37, 5154), (86, 5367), (97, 5412), (99, 5421), (110, 5466), (134, 5577), (144, 5604), (187, 5757), (196, 5793), (197, 5796), (204, 5823), (249, 5979), (260, 6024), (261, 6027),

Gene: Emerson_13 Start: 7934, Stop: 8869, Start Num: 25
Candidate Starts for Emerson_13:
(Start: 25 @7934 has 441 MA's), (50, 8024), (56, 8051), (93, 8198), (96, 8210), (98, 8222), (119, 8309), (139, 8393), (150, 8423), (219, 8621), (226, 8660), (239, 8744), (240, 8747), (248, 8780), (255, 8804), (269, 8846),

Gene: Emmaloid_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Emmaloid_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: EmyBug_17 Start: 12878, Stop: 13837, Start Num: 8
Candidate Starts for EmyBug_17:
(Start: 8 @12878 has 530 MA's), (35, 12938), (55, 13028), (56, 13034), (75, 13076), (81, 13106), (84, 13130), (95, 13175), (106, 13226), (110, 13238), (114, 13256), (147, 13379), (151, 13391), (222, 13622), (240, 13727),

Gene: Enby_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Enby_7:

(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Endor_7 Start: 5123, Stop: 6103, Start Num: 25
Candidate Starts for Endor_7:
(1, 4958), (Start: 25 @5123 has 441 MA's), (56, 5240), (80, 5330), (83, 5348), (91, 5384), (96, 5402), (115, 5483), (128, 5546), (158, 5651), (165, 5672), (166, 5678), (228, 5894), (239, 5954), (245, 5981),

Gene: Enkosi_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for Enkosi_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: Enochoraptor_6 Start: 4655, Stop: 5602, Start Num: 32
Candidate Starts for Enochoraptor_6:
(Start: 32 @4655 has 42 MA's), (44, 4703), (47, 4715), (52, 4742), (71, 4799), (83, 4862), (96, 4916), (99, 4931), (102, 4955), (103, 4961), (129, 5075), (159, 5168), (165, 5192), (174, 5228), (183, 5264), (189, 5291), (195, 5309), (206, 5351), (218, 5369), (246, 5495), (251, 5513), (253, 5522), (263, 5555),

Gene: Enoki_6 Start: 4636, Stop: 5583, Start Num: 32
Candidate Starts for Enoki_6:
(Start: 31 @4633 has 3 MA's), (Start: 32 @4636 has 42 MA's), (44, 4684), (53, 4726), (63, 4768), (71, 4780), (92, 4882), (99, 4912), (103, 4942), (116, 4993), (159, 5149), (165, 5173), (174, 5209), (183, 5245), (189, 5272), (206, 5332), (246, 5476), (251, 5494), (253, 5503), (263, 5536),

Gene: EnzoK_16 Start: 11824, Stop: 12822, Start Num: 8
Candidate Starts for EnzoK_16:
(Start: 8 @11824 has 530 MA's), (52, 11968), (69, 12034), (82, 12091), (96, 12154), (100, 12175), (118, 12250), (131, 12310), (162, 12412), (184, 12496), (221, 12616), (230, 12673), (240, 12712), (241, 12718),

Gene: EpicPhail_17 Start: 11539, Stop: 12531, Start Num: 10
Candidate Starts for EpicPhail_17:
(Start: 10 @11539 has 117 MA's), (56, 11680), (90, 11800), (99, 11839), (106, 11872), (131, 11983), (158, 12070), (184, 12166), (204, 12247), (218, 12274), (222, 12286), (230, 12340), (236, 12385), (238, 12391), (244, 12424), (254, 12460), (260, 12484),

Gene: Eponine_14 Start: 9051, Stop: 9980, Start Num: 25
Candidate Starts for Eponine_14:
(Start: 25 @9051 has 441 MA's), (50, 9141), (55, 9162), (56, 9168), (61, 9195), (80, 9255), (96, 9327), (102, 9357), (103, 9363), (150, 9540), (168, 9603), (175, 9630), (183, 9663), (213, 9723), (226, 9777), (239, 9861), (248, 9897), (255, 9921),

Gene: Epsocamisio_18 Start: 11295, Stop: 12245, Start Num: 8
Candidate Starts for Epsocamisio_18:
(Start: 8 @11295 has 530 MA's), (35, 11355), (56, 11451), (81, 11523), (84, 11547), (95, 11592), (106, 11643), (114, 11673), (225, 12051), (249, 12171), (260, 12216),

Gene: Equemioh13_18 Start: 12655, Stop: 13611, Start Num: 8
Candidate Starts for Equemioh13_18:

(Start: 8 @12655 has 530 MA's), (35, 12715), (50, 12784), (56, 12811), (75, 12853), (81, 12883), (84, 12907), (95, 12952), (106, 13003), (110, 13015), (143, 13138), (151, 13165), (158, 13192), (172, 13237), (222, 13396), (224, 13414), (230, 13450), (240, 13501),

Gene: EricB_19 Start: 12231, Stop: 13202, Start Num: 7
Candidate Starts for EricB_19:
(Start: 7 @12231 has 80 MA's), (35, 12291), (56, 12387), (75, 12429), (81, 12459), (84, 12483), (95, 12528), (106, 12579), (110, 12591), (114, 12609), (147, 12714), (196, 12900), (260, 13173),

Gene: Erik_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Erik_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Eris_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Eris_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Erla_6 Start: 4707, Stop: 5633, Start Num: 24
Candidate Starts for Erla_6:
(Start: 24 @4707 has 17 MA's), (56, 4824), (60, 4845), (73, 4881), (93, 4974), (94, 4980), (96, 4986), (110, 5046), (128, 5130), (166, 5244), (204, 5370), (224, 5436), (239, 5520), (245, 5547), (269, 5622),

Gene: Eros_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Eros_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (114, 11857), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Espica_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Espica_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Espinosa_6 Start: 4720, Stop: 5646, Start Num: 25
Candidate Starts for Espinosa_6:
(Start: 25 @4720 has 441 MA's), (56, 4837), (60, 4858), (73, 4894), (93, 4987), (94, 4993), (96, 4999), (110, 5059), (128, 5143), (166, 5257), (204, 5383), (224, 5449), (239, 5533), (245, 5560), (269, 5635),

Gene: Espresso_15 Start: 11685, Stop: 12692, Start Num: 8
Candidate Starts for Espresso_15:
(Start: 8 @11685 has 530 MA's), (52, 11829), (62, 11880), (69, 11895), (96, 12015), (100, 12036), (118, 12111), (131, 12171), (146, 12222), (155, 12255), (162, 12273), (184, 12357), (229, 12528), (230, 12534), (241, 12588),

Gene: Et2Brutus_15 Start: 12702, Stop: 13691, Start Num: 7
Candidate Starts for Et2Brutus_15:
(Start: 7 @12702 has 80 MA's), (35, 12762), (43, 12792), (55, 12852), (56, 12858), (75, 12900), (81, 12930), (84, 12954), (95, 12999), (106, 13050), (110, 13062), (114, 13080), (132, 13164), (147, 13200), (151, 13212), (158, 13239), (230, 13497), (253, 13602),

Gene: Etna_6 Start: 4705, Stop: 5697, Start Num: 25
Candidate Starts for Etna_6:
(Start: 25 @4705 has 441 MA's), (56, 4822), (73, 4879), (91, 4966), (115, 5065), (158, 5233), (165, 5254), (166, 5260), (220, 5428), (224, 5452), (228, 5476), (239, 5548), (240, 5551),

Gene: EtoileNova_16 Start: 11637, Stop: 12629, Start Num: 10
Candidate Starts for EtoileNova_16:
(Start: 10 @11637 has 117 MA's), (56, 11778), (99, 11937), (106, 11970), (156, 12162), (171, 12210), (178, 12237), (184, 12264), (204, 12345), (210, 12360), (222, 12384), (230, 12438), (236, 12483), (238, 12489), (244, 12522), (254, 12558), (268, 12600),

Gene: Etta_6 Start: 4711, Stop: 5637, Start Num: 24
Candidate Starts for Etta_6:
(Start: 24 @4711 has 17 MA's), (56, 4828), (60, 4849), (73, 4885), (93, 4978), (94, 4984), (96, 4990), (110, 5050), (128, 5134), (166, 5248), (204, 5374), (219, 5413), (224, 5440), (239, 5524), (245, 5551), (269, 5626),

Gene: Euphoria_15 Start: 11582, Stop: 12589, Start Num: 8
Candidate Starts for Euphoria_15:
(Start: 8 @11582 has 530 MA's), (52, 11726), (54, 11735), (62, 11777), (69, 11792), (96, 11912), (100, 11933), (118, 12008), (131, 12068), (162, 12170), (184, 12254), (191, 12284), (229, 12425), (230, 12431), (241, 12479),

Gene: Eurydice_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Eurydice_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: EvilGenius_18 Start: 12570, Stop: 13526, Start Num: 8
Candidate Starts for EvilGenius_18:
(Start: 8 @12570 has 530 MA's), (35, 12630), (46, 12678), (56, 12726), (75, 12768), (81, 12798), (84, 12822), (95, 12867), (106, 12918), (114, 12948), (143, 13053), (151, 13080), (158, 13107), (172, 13152), (222, 13311), (224, 13329), (230, 13365), (240, 13416),

Gene: Expelliarmus_12 Start: 10346, Stop: 11296, Start Num: 17
Candidate Starts for Expelliarmus_12:
(Start: 17 @10346 has 90 MA's), (56, 10475), (75, 10517), (99, 10634), (106, 10667), (121, 10742), (152, 10826), (178, 10916), (184, 10943), (192, 10976), (205, 11027), (222, 11066), (244, 11192), (254, 11228),

Gene: Exploradora_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Exploradora_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: ExplosioNervosa_17 Start: 12881, Stop: 13840, Start Num: 8
Candidate Starts for ExplosioNervosa_17:
(Start: 8 @12881 has 530 MA's), (35, 12941), (55, 13031), (56, 13037), (75, 13079), (81, 13109), (84, 13133), (95, 13178), (106, 13229), (110, 13241), (114, 13259), (147, 13382), (151, 13394), (222, 13625), (240, 13730),

Gene: Eyeball_15 Start: 11329, Stop: 12330, Start Num: 8

Candidate Starts for Eyeball_15:
(Start: 8 @11329 has 530 MA's), (52, 11473), (62, 11524), (69, 11539), (96, 11659), (100, 11680), (118, 11755), (131, 11815), (155, 11899), (162, 11917), (184, 12001), (221, 12121), (230, 12178), (240, 12217), (241, 12223),

Gene: Ezurina_7 Start: 5115, Stop: 6026, Start Num: 18
Candidate Starts for Ezurina_7:
(Start: 18 @5115 has 40 MA's), (49, 5211), (84, 5337), (88, 5352), (95, 5382), (104, 5424), (119, 5484), (158, 5610), (172, 5655), (174, 5664), (184, 5706), (230, 5883), (244, 5943), (255, 5982), (260, 6003),

Gene: FF47_09 Start: 6426, Stop: 7418, Start Num: 21
Candidate Starts for FF47_09:
(Start: 21 @6426 has 4 MA's), (44, 6501), (55, 6552), (56, 6558), (73, 6615), (88, 6672), (94, 6699), (116, 6789), (150, 6912), (165, 6954), (176, 6996), (209, 7116), (225, 7167), (237, 7254), (252, 7317),

Gene: Fajezeel_17 Start: 11905, Stop: 12903, Start Num: 8
Candidate Starts for Fajezeel_17:
(Start: 8 @11905 has 530 MA's), (52, 12049), (62, 12100), (69, 12115), (96, 12235), (100, 12256), (118, 12331), (131, 12391), (162, 12493), (184, 12577), (221, 12697), (230, 12754), (240, 12793), (241, 12799),

Gene: Fameo_16 Start: 12175, Stop: 13140, Start Num: 8
Candidate Starts for Fameo_16:
(Start: 8 @12175 has 530 MA's), (35, 12235), (50, 12304), (56, 12331), (75, 12373), (81, 12403), (84, 12427), (95, 12472), (106, 12523), (132, 12637), (151, 12694), (158, 12721), (172, 12766), (222, 12925), (224, 12943), (230, 12979), (240, 13030),

Gene: Farber_17 Start: 11532, Stop: 12524, Start Num: 10
Candidate Starts for Farber_17:
(Start: 10 @11532 has 117 MA's), (55, 11667), (56, 11673), (90, 11793), (99, 11832), (106, 11865), (131, 11976), (158, 12063), (184, 12159), (204, 12240), (218, 12267), (222, 12279), (230, 12333), (236, 12378), (238, 12384), (244, 12417), (254, 12453), (260, 12477),

Gene: Farewell_6 Start: 5364, Stop: 6332, Start Num: 22
Candidate Starts for Farewell_6:
(Start: 22 @5364 has 2 MA's), (36, 5388), (50, 5454), (56, 5481), (62, 5511), (80, 5568), (89, 5610), (94, 5634), (96, 5640), (98, 5652), (118, 5736), (131, 5796), (170, 5919), (192, 6015), (209, 6081), (222, 6111), (229, 6159), (232, 6183), (239, 6213), (240, 6216), (248, 6249),

Gene: FarmerDoug_6 Start: 4708, Stop: 5688, Start Num: 25
Candidate Starts for FarmerDoug_6:
(1, 4543), (Start: 25 @4708 has 441 MA's), (56, 4825), (80, 4915), (83, 4933), (91, 4969), (96, 4987), (115, 5068), (128, 5131), (158, 5236), (165, 5257), (166, 5263), (228, 5479), (239, 5539), (245, 5566),

Gene: Fascinus_14 Start: 11332, Stop: 12333, Start Num: 8
Candidate Starts for Fascinus_14:
(Start: 8 @11332 has 530 MA's), (69, 11542), (96, 11662), (100, 11683), (118, 11758), (131, 11818), (155, 11902), (162, 11920), (184, 12004), (230, 12181), (240, 12220), (241, 12226),

Gene: FatCactus_14 Start: 10320, Stop: 11276, Start Num: 8
Candidate Starts for FatCactus_14:
(Start: 8 @10320 has 530 MA's), (35, 10380), (42, 10407), (50, 10449), (55, 10470), (56, 10476), (75, 10518), (81, 10548), (84, 10572), (95, 10617), (106, 10668), (110, 10680), (114, 10698), (158, 10857),

(192, 10986), (205, 11037), (240, 11166), (253, 11220), (267, 11262),

Gene: Fayely_17 Start: 12881, Stop: 13840, Start Num: 8
Candidate Starts for Fayely_17:
(Start: 8 @12881 has 530 MA's), (35, 12941), (55, 13031), (56, 13037), (75, 13079), (81, 13109), (84, 13133), (95, 13178), (106, 13229), (110, 13241), (114, 13259), (147, 13382), (151, 13394), (222, 13625), (240, 13730),

Gene: Feastonyeet_7 Start: 5120, Stop: 6079, Start Num: 17
Candidate Starts for Feastonyeet_7:
(Start: 17 @5120 has 90 MA's), (37, 5171), (66, 5300), (87, 5387), (97, 5429), (99, 5438), (110, 5483), (128, 5567), (155, 5663), (170, 5720), (187, 5774), (196, 5810), (256, 6023), (260, 6041),

Gene: Fefferhead_12 Start: 7810, Stop: 8733, Start Num: 25
Candidate Starts for Fefferhead_12:
(Start: 25 @7810 has 441 MA's), (50, 7900), (56, 7927), (61, 7954), (80, 8014), (96, 8086), (98, 8098), (124, 8215), (144, 8278), (177, 8398), (224, 8524), (226, 8536), (229, 8554), (239, 8620), (240, 8623), (248, 8656), (255, 8680),

Gene: Fenn_16 Start: 12897, Stop: 13913, Start Num: 8
Candidate Starts for Fenn_16:
(Start: 8 @12897 has 530 MA's), (62, 13092), (69, 13107), (75, 13122), (88, 13194), (96, 13227), (100, 13248), (118, 13323), (131, 13383), (184, 13569), (229, 13740), (230, 13746), (241, 13803),

Gene: Fernando_17 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for Fernando_17:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Feyre_11 Start: 7873, Stop: 8805, Start Num: 25
Candidate Starts for Feyre_11:
(Start: 25 @7873 has 441 MA's), (56, 7990), (61, 8017), (80, 8077), (87, 8113), (89, 8119), (103, 8185), (119, 8248), (124, 8278), (168, 8425), (239, 8683), (240, 8686), (248, 8719), (255, 8743),

Gene: Fibonacci_16 Start: 12702, Stop: 13691, Start Num: 7
Candidate Starts for Fibonacci_16:
(Start: 7 @12702 has 80 MA's), (35, 12762), (43, 12792), (55, 12852), (56, 12858), (75, 12900), (81, 12930), (84, 12954), (95, 12999), (106, 13050), (110, 13062), (114, 13080), (132, 13164), (147, 13200), (151, 13212), (158, 13239), (230, 13497), (253, 13602),

Gene: Figueroism_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Figueroism_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Findley_9 Start: 5947, Stop: 6864, Start Num: 25
Candidate Starts for Findley_9:
(Start: 25 @5947 has 441 MA's), (55, 6058), (56, 6064), (61, 6091), (83, 6169), (96, 6223), (102, 6253), (103, 6259), (131, 6379), (183, 6559), (224, 6661), (239, 6757), (248, 6793), (250, 6802), (264, 6847),

Gene: Finny_6 Start: 4886, Stop: 5827, Start Num: 25
Candidate Starts for Finny_6:

(Start: 25 @4886 has 441 MA's), (49, 4973), (56, 5003), (58, 5015), (60, 5024), (80, 5093), (110, 5225), (128, 5309), (158, 5408), (225, 5630), (239, 5711), (273, 5816),

Gene: Fionnbharth_14 Start: 9165, Stop: 10094, Start Num: 25
Candidate Starts for Fionnbharth_14:
(Start: 25 @9165 has 441 MA's), (50, 9255), (55, 9276), (56, 9282), (61, 9309), (80, 9369), (102, 9471), (103, 9477), (118, 9537), (131, 9597), (150, 9654), (168, 9717), (175, 9744), (213, 9837), (226, 9891), (229, 9909), (239, 9975), (255, 10035),

Gene: FiringLine_16 Start: 12107, Stop: 13063, Start Num: 8
Candidate Starts for FiringLine_16:
(Start: 8 @12107 has 530 MA's), (35, 12167), (50, 12236), (56, 12263), (75, 12305), (81, 12335), (95, 12404), (106, 12455), (114, 12485), (143, 12590), (158, 12644), (222, 12848), (224, 12866), (230, 12902), (240, 12953),

Gene: First_0016 Start: 12180, Stop: 13136, Start Num: 8
Candidate Starts for First_0016:
(Start: 8 @12180 has 530 MA's), (19, 12204), (35, 12240), (56, 12336), (75, 12378), (81, 12408), (84, 12432), (95, 12477), (106, 12528), (110, 12540), (120, 12588), (151, 12690), (168, 12747), (230, 12975), (240, 13026),

Gene: FlagStaff_7 Start: 7210, Stop: 8112, Start Num: 34
Candidate Starts for FlagStaff_7:
(Start: 34 @7210 has 110 MA's), (47, 7267), (48, 7270), (49, 7282), (53, 7297), (77, 7381), (86, 7429), (94, 7462), (124, 7606), (137, 7657), (149, 7684), (155, 7708), (188, 7828), (198, 7864), (222, 7924), (256, 8071),

Gene: Flare16_16 Start: 12213, Stop: 13169, Start Num: 8
Candidate Starts for Flare16_16:
(Start: 8 @12213 has 530 MA's), (35, 12273), (50, 12342), (56, 12369), (75, 12411), (81, 12441), (84, 12465), (95, 12510), (106, 12561), (110, 12573), (143, 12696), (151, 12723), (158, 12750), (172, 12795), (222, 12954), (224, 12972), (230, 13008), (240, 13059),

Gene: Flathead_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Flathead_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (55, 5118), (56, 5124), (65, 5163), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (222, 5703), (223, 5706), (224, 5721), (229, 5751), (239, 5805), (248, 5841),

Gene: Flaverint_16 Start: 12699, Stop: 13688, Start Num: 7
Candidate Starts for Flaverint_16:
(Start: 7 @12699 has 80 MA's), (35, 12759), (43, 12789), (55, 12849), (56, 12855), (75, 12897), (81, 12927), (84, 12951), (95, 12996), (106, 13047), (110, 13059), (114, 13077), (132, 13161), (147, 13197), (151, 13209), (158, 13236), (230, 13494), (253, 13599),

Gene: Florean_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Florean_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Florence1_13 Start: 10587, Stop: 11519, Start Num: 17
Candidate Starts for Florence1_13:

(Start: 17 @10587 has 90 MA's), (56, 10716), (75, 10758), (81, 10788), (99, 10875), (106, 10908), (184, 11172), (190, 11196), (205, 11256), (222, 11295), (225, 11316), (231, 11364), (244, 11421), (254, 11457), (260, 11481),

Gene: Florence4_14 Start: 10587, Stop: 11519, Start Num: 17
Candidate Starts for Florence4_14:
(Start: 17 @10587 has 90 MA's), (56, 10716), (75, 10758), (81, 10788), (99, 10875), (106, 10908), (184, 11172), (190, 11196), (205, 11256), (222, 11295), (225, 11316), (231, 11364), (244, 11421), (254, 11457), (260, 11481),

Gene: Flux_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Flux_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: FlyCatcher_19 Start: 13102, Stop: 14091, Start Num: 9
Candidate Starts for FlyCatcher_19:
(Start: 9 @13102 has 1 MA's), (50, 13219), (56, 13246), (90, 13366), (93, 13378), (99, 13405), (106, 13438), (139, 13576), (149, 13603), (158, 13633), (180, 13708), (204, 13810), (218, 13837), (222, 13849), (224, 13867), (240, 13969), (244, 13990),

Gene: ForGetIt_13 Start: 10643, Stop: 11572, Start Num: 17
Candidate Starts for ForGetIt_13:
(Start: 17 @10643 has 90 MA's), (56, 10772), (75, 10814), (81, 10844), (99, 10931), (106, 10964), (184, 11228), (190, 11252), (205, 11312), (222, 11351), (225, 11372), (231, 11420), (244, 11477), (254, 11513), (260, 11537),

Gene: ForesterFrank_17 Start: 13690, Stop: 14637, Start Num: 8
Candidate Starts for ForesterFrank_17:
(Start: 8 @13690 has 530 MA's), (35, 13750), (50, 13819), (56, 13846), (75, 13888), (81, 13918), (84, 13942), (95, 13987), (106, 14038), (110, 14050), (114, 14068), (132, 14152), (147, 14182), (158, 14221), (172, 14266), (196, 14368), (219, 14416), (222, 14425), (224, 14443),

Gene: Forsytheast_14 Start: 11595, Stop: 12593, Start Num: 8
Candidate Starts for Forsytheast_14:
(Start: 8 @11595 has 530 MA's), (52, 11739), (62, 11790), (69, 11805), (96, 11925), (100, 11946), (118, 12021), (131, 12081), (162, 12183), (184, 12267), (221, 12387), (230, 12444), (240, 12483), (241, 12489),

Gene: FosterFrank_6 Start: 5554, Stop: 6537, Start Num: 12
Candidate Starts for FosterFrank_6:
(Start: 12 @5554 has 10 MA's), (20, 5578), (44, 5656), (73, 5770), (102, 5890), (107, 5911), (201, 6253), (221, 6307), (239, 6427),

Gene: Francis47_15 Start: 11834, Stop: 12853, Start Num: 8
Candidate Starts for Francis47_15:
(Start: 8 @11834 has 530 MA's), (62, 12029), (69, 12044), (96, 12164), (100, 12185), (118, 12260), (131, 12320), (184, 12506), (229, 12677), (230, 12683), (241, 12740), (250, 12776),

Gene: Frankie_7 Start: 5201, Stop: 6109, Start Num: 25
Candidate Starts for Frankie_7:

(Start: 25 @5201 has 441 MA's), (50, 5291), (51, 5294), (56, 5318), (73, 5375), (80, 5405), (98, 5489), (124, 5606), (164, 5738), (175, 5780), (222, 5897), (223, 5900), (224, 5915), (229, 5945), (232, 5969), (239, 5999),

Gene: Fred313_15 Start: 10808, Stop: 11803, Start Num: 10
Candidate Starts for Fred313_15:
(Start: 10 @10808 has 117 MA's), (16, 10823), (56, 10955), (90, 11075), (99, 11114), (106, 11147), (131, 11258), (132, 11267), (171, 11384), (184, 11438), (205, 11522), (218, 11546), (222, 11558), (230, 11612), (238, 11663), (244, 11696), (254, 11732),

Gene: Fribs8_9 Start: 6098, Stop: 7033, Start Num: 28
Candidate Starts for Fribs8_9:
(Start: 28 @6098 has 10 MA's), (53, 6206), (59, 6233), (93, 6365), (97, 6383), (106, 6425), (110, 6437), (118, 6473), (128, 6521), (134, 6548), (154, 6614), (155, 6617), (187, 6728), (190, 6740), (196, 6764), (197, 6767), (202, 6782), (204, 6794), (227, 6863), (248, 6947), (256, 6977),

Gene: Frickyeah_7 Start: 4897, Stop: 5835, Start Num: 34
Candidate Starts for Frickyeah_7:
(Start: 34 @4897 has 110 MA's), (44, 4939), (45, 4942), (68, 5032), (91, 5134), (105, 5206), (106, 5209), (154, 5398), (198, 5551), (202, 5563), (218, 5626), (228, 5680), (256, 5785), (261, 5806),

Gene: Froghopper_16 Start: 11274, Stop: 12281, Start Num: 8
Candidate Starts for Froghopper_16:
(Start: 8 @11274 has 530 MA's), (52, 11418), (62, 11469), (69, 11484), (96, 11604), (100, 11625), (118, 11700), (131, 11760), (155, 11844), (162, 11862), (184, 11946), (230, 12123), (240, 12162), (241, 12168),

Gene: Frosty24_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Frosty24_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Fryberger_39 Start: 14324, Stop: 15298, Start Num: 25
Candidate Starts for Fryberger_39:
(Start: 25 @14324 has 441 MA's), (47, 14396), (50, 14414), (56, 14441), (109, 14657), (136, 14774), (157, 14843), (186, 14951), (191, 14978), (196, 14999), (209, 15047), (223, 15080), (226, 15107), (239, 15179), (240, 15182), (249, 15218),

Gene: Fulton_8 Start: 5173, Stop: 6153, Start Num: 25
Candidate Starts for Fulton_8:
(Start: 25 @5173 has 441 MA's), (55, 5284), (56, 5290), (60, 5311), (83, 5398), (94, 5446), (103, 5488), (110, 5512), (136, 5629), (157, 5698), (158, 5701), (217, 5887), (222, 5902), (224, 5920), (239, 6004), (240, 6007), (279, 6148),

Gene: Funston_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Funston_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Fushigi_16 Start: 11997, Stop: 13010, Start Num: 8
Candidate Starts for Fushigi_16:

(Start: 8 @11997 has 530 MA's), (52, 12141), (62, 12192), (69, 12207), (96, 12327), (100, 12348), (118, 12423), (131, 12483), (146, 12534), (155, 12567), (162, 12585), (184, 12669), (229, 12840), (230, 12846), (241, 12903), (254, 12954),

Gene: GMonster_14 Start: 11202, Stop: 12221, Start Num: 8
Candidate Starts for GMonster_14:
(Start: 8 @11202 has 530 MA's), (62, 11397), (69, 11412), (96, 11532), (100, 11553), (118, 11628), (131, 11688), (184, 11874), (229, 12045), (230, 12051), (241, 12108), (250, 12144),

Gene: GTE2_06 Start: 5063, Stop: 6028, Start Num: 17
Candidate Starts for GTE2_06:
(Start: 17 @5063 has 90 MA's), (37, 5114), (86, 5327), (97, 5372), (99, 5381), (110, 5426), (134, 5537), (187, 5717), (196, 5753), (197, 5756), (204, 5783), (249, 5939), (260, 5984), (261, 5987),

Gene: Gachnar_15 Start: 11617, Stop: 12621, Start Num: 8
Candidate Starts for Gachnar_15:
(Start: 8 @11617 has 530 MA's), (52, 11761), (54, 11770), (62, 11812), (69, 11827), (96, 11947), (100, 11968), (118, 12043), (131, 12103), (162, 12205), (184, 12289), (191, 12319), (221, 12409), (229, 12460), (230, 12466), (241, 12514),

Gene: Gadost_15 Start: 11483, Stop: 12415, Start Num: 8
Candidate Starts for Gadost_15:
(Start: 8 @11483 has 530 MA's), (35, 11543), (56, 11639), (81, 11711), (84, 11735), (106, 11831), (126, 11915), (174, 12059), (184, 12101), (230, 12263), (233, 12296), (240, 12314), (249, 12350), (258, 12383),

Gene: GaeCeo_7 Start: 4819, Stop: 5760, Start Num: 25
Candidate Starts for GaeCeo_7:
(Start: 25 @4819 has 441 MA's), (56, 4936), (60, 4957), (61, 4963), (91, 5080), (96, 5098), (110, 5158), (128, 5242), (165, 5362), (225, 5563), (228, 5584), (239, 5644), (245, 5671), (272, 5749),

Gene: GageAP_17 Start: 12323, Stop: 13327, Start Num: 8
Candidate Starts for GageAP_17:
(Start: 8 @12323 has 530 MA's), (52, 12467), (54, 12476), (62, 12518), (69, 12533), (96, 12653), (100, 12674), (118, 12749), (131, 12809), (162, 12911), (184, 12995), (221, 13115), (229, 13166), (230, 13172), (241, 13220),

Gene: Gail_15 Start: 11224, Stop: 12171, Start Num: 13
Candidate Starts for Gail_15:
(Start: 13 @11224 has 9 MA's), (35, 11275), (56, 11371), (75, 11413), (81, 11443), (88, 11482), (95, 11512), (106, 11563), (222, 11956), (230, 12010), (240, 12061),

Gene: Gandalf20_16 Start: 12389, Stop: 13387, Start Num: 8
Candidate Starts for Gandalf20_16:
(Start: 8 @12389 has 530 MA's), (52, 12533), (62, 12584), (69, 12599), (96, 12719), (100, 12740), (118, 12815), (131, 12875), (162, 12977), (184, 13061), (221, 13181), (230, 13238), (240, 13277), (241, 13283),

Gene: Ganymede_13 Start: 7951, Stop: 8886, Start Num: 25
Candidate Starts for Ganymede_13:
(Start: 25 @7951 has 441 MA's), (50, 8041), (56, 8068), (93, 8215), (96, 8227), (98, 8239), (119, 8326), (139, 8410), (150, 8440), (219, 8638), (226, 8677), (239, 8761), (240, 8764), (248, 8797), (255, 8821), (269, 8863),

Gene: Garak_20 Start: 12235, Stop: 13206, Start Num: 7
Candidate Starts for Garak_20:
(Start: 7 @12235 has 80 MA's), (35, 12295), (56, 12391), (75, 12433), (81, 12463), (84, 12487), (95, 12532), (106, 12583), (110, 12595), (114, 12613), (147, 12718), (196, 12904), (260, 13177),

Gene: GardenB_6 Start: 4714, Stop: 5703, Start Num: 25
Candidate Starts for GardenB_6:
(Start: 25 @4714 has 441 MA's), (56, 4831), (80, 4921), (91, 4975), (115, 5074), (128, 5137), (158, 5242), (165, 5263), (220, 5437), (222, 5443), (225, 5464), (239, 5557), (245, 5584),

Gene: Garey24_6 Start: 4713, Stop: 5639, Start Num: 24
Candidate Starts for Garey24_6:
(Start: 24 @4713 has 17 MA's), (56, 4830), (60, 4851), (73, 4887), (93, 4980), (94, 4986), (96, 4992), (110, 5052), (128, 5136), (166, 5250), (204, 5376), (224, 5442), (239, 5526), (245, 5553), (269, 5628),

Gene: Gargoyle_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Gargoyle_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: GaugeLDP_18 Start: 13484, Stop: 14458, Start Num: 3
Candidate Starts for GaugeLDP_18:
(Start: 3 @13484 has 3 MA's), (Start: 18 @13523 has 40 MA's), (35, 13559), (56, 13655), (75, 13697), (81, 13727), (84, 13751), (95, 13796), (106, 13847), (114, 13877), (126, 13931), (158, 14036), (184, 14132), (190, 14156), (240, 14348), (244, 14369),

Gene: Gelo_6 Start: 4711, Stop: 5637, Start Num: 24
Candidate Starts for Gelo_6:
(Start: 24 @4711 has 17 MA's), (56, 4828), (60, 4849), (73, 4885), (93, 4978), (94, 4984), (96, 4990), (110, 5050), (128, 5134), (166, 5248), (204, 5374), (219, 5413), (224, 5440), (239, 5524), (245, 5551), (269, 5626),

Gene: Gemma_17 Start: 11610, Stop: 12608, Start Num: 10
Candidate Starts for Gemma_17:
(Start: 10 @11610 has 117 MA's), (56, 11751), (90, 11871), (99, 11910), (106, 11943), (158, 12141), (178, 12210), (184, 12237), (204, 12318), (230, 12411), (236, 12456), (238, 12462), (244, 12495), (254, 12531), (260, 12555),

Gene: Gengar_11 Start: 7980, Stop: 8912, Start Num: 25
Candidate Starts for Gengar_11:
(Start: 25 @7980 has 441 MA's), (56, 8097), (61, 8124), (80, 8184), (87, 8220), (89, 8226), (103, 8292), (119, 8355), (168, 8532), (239, 8790), (240, 8793), (248, 8826), (255, 8850),

Gene: George_12 Start: 10799, Stop: 11731, Start Num: 17
Candidate Starts for George_12:
(Start: 17 @10799 has 90 MA's), (56, 10928), (75, 10970), (81, 11000), (99, 11087), (106, 11120), (184, 11384), (190, 11408), (205, 11468), (222, 11507), (225, 11528), (231, 11576), (244, 11633), (254, 11669), (260, 11693),

Gene: Georgie2_17 Start: 12108, Stop: 13064, Start Num: 8
Candidate Starts for Georgie2_17:

(Start: 8 @12108 has 530 MA's), (35, 12168), (50, 12237), (56, 12264), (75, 12306), (81, 12336), (95, 12405), (106, 12456), (114, 12486), (143, 12591), (158, 12645), (222, 12849), (224, 12867), (230, 12903), (240, 12954),

Gene: Geraldini_13 Start: 7951, Stop: 8889, Start Num: 25
Candidate Starts for Geraldini_13:
(Start: 25 @7951 has 441 MA's), (50, 8041), (56, 8068), (73, 8125), (93, 8215), (96, 8227), (98, 8239), (119, 8326), (139, 8410), (150, 8440), (219, 8638), (226, 8677), (239, 8761), (240, 8764), (248, 8797), (255, 8821), (269, 8863),

Gene: Gerri43_8 Start: 5499, Stop: 6410, Start Num: 18
Candidate Starts for Gerri43_8:
(Start: 18 @5499 has 40 MA's), (70, 5655), (84, 5721), (88, 5736), (104, 5808), (119, 5868), (158, 5994), (172, 6039), (174, 6048), (227, 6246), (230, 6267), (255, 6366), (260, 6387),

Gene: Gershwin_6 Start: 4722, Stop: 5648, Start Num: 25
Candidate Starts for Gershwin_6:
(Start: 25 @4722 has 441 MA's), (56, 4839), (60, 4860), (73, 4896), (93, 4989), (94, 4995), (96, 5001), (110, 5061), (128, 5145), (166, 5259), (204, 5385), (224, 5451), (239, 5535), (245, 5562), (269, 5637),

Gene: Getalong_7 Start: 4897, Stop: 5835, Start Num: 34
Candidate Starts for Getalong_7:
(Start: 34 @4897 has 110 MA's), (44, 4939), (45, 4942), (68, 5032), (91, 5134), (105, 5206), (106, 5209), (154, 5398), (198, 5551), (202, 5563), (218, 5626), (228, 5680), (256, 5785), (261, 5806),

Gene: Ghoulboy_13 Start: 10876, Stop: 11808, Start Num: 17
Candidate Starts for Ghoulboy_13:
(Start: 17 @10876 has 90 MA's), (56, 11005), (75, 11047), (81, 11077), (99, 11164), (106, 11197), (151, 11338), (184, 11461), (190, 11485), (205, 11545), (222, 11584), (225, 11605), (231, 11653), (244, 11710), (254, 11746), (260, 11770),

Gene: GiKK_11 Start: 5758, Stop: 6687, Start Num: 26
Candidate Starts for GiKK_11:
(Start: 26 @5758 has 7 MA's), (64, 5911), (71, 5920), (76, 5947), (97, 6043), (99, 6052), (100, 6058), (110, 6097), (118, 6133), (128, 6181), (187, 6388), (196, 6424), (197, 6427), (249, 6610), (260, 6655),

Gene: Gibbous_8 Start: 5540, Stop: 6475, Start Num: 28
Candidate Starts for Gibbous_8:
(Start: 28 @5540 has 10 MA's), (59, 5675), (88, 5786), (93, 5807), (97, 5825), (103, 5855), (118, 5915), (128, 5963), (134, 5990), (154, 6056), (155, 6059), (187, 6170), (196, 6206), (197, 6209), (202, 6224), (204, 6236), (227, 6305), (229, 6320), (248, 6389), (256, 6419),

Gene: Gideon_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Gideon_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Gilberta_16 Start: 12696, Stop: 13685, Start Num: 7
Candidate Starts for Gilberta_16:
(Start: 7 @12696 has 80 MA's), (35, 12756), (43, 12786), (55, 12846), (56, 12852), (75, 12894), (81, 12924), (84, 12948), (95, 12993), (106, 13044), (110, 13056), (114, 13074), (132, 13158), (147, 13194), (151, 13206), (158, 13233), (230, 13491), (253, 13596),

Gene: GingkoMaracino_17 Start: 11425, Stop: 12417, Start Num: 10
Candidate Starts for GingkoMaracino_17:
(Start: 10 @11425 has 117 MA's), (56, 11566), (90, 11686), (99, 11725), (106, 11758), (131, 11869), (158, 11956), (184, 12052), (204, 12133), (218, 12160), (222, 12172), (230, 12226), (236, 12271), (238, 12277), (244, 12310), (254, 12346), (260, 12370),

Gene: Girafales_7 Start: 5002, Stop: 5910, Start Num: 25
Candidate Starts for Girafales_7:
(Start: 25 @5002 has 441 MA's), (50, 5092), (51, 5095), (56, 5119), (73, 5176), (80, 5206), (98, 5290), (124, 5407), (164, 5539), (175, 5581), (222, 5698), (223, 5701), (229, 5746), (239, 5800), (242, 5815), (248, 5836),

Gene: Giroux_16 Start: 11103, Stop: 12077, Start Num: 10
Candidate Starts for Giroux_16:
(Start: 10 @11103 has 117 MA's), (56, 11244), (90, 11364), (99, 11403), (106, 11436), (171, 11673), (178, 11700), (184, 11727), (205, 11811), (230, 11901), (236, 11946), (238, 11952), (244, 11985), (254, 12021),

Gene: Gladiator_19 Start: 12209, Stop: 13180, Start Num: 7
Candidate Starts for Gladiator_19:
(Start: 7 @12209 has 80 MA's), (35, 12269), (56, 12365), (75, 12407), (81, 12437), (84, 12461), (95, 12506), (106, 12557), (110, 12569), (114, 12587), (147, 12692),

Gene: Glamour_5 Start: 4886, Stop: 5827, Start Num: 25
Candidate Starts for Glamour_5:
(Start: 25 @4886 has 441 MA's), (49, 4973), (56, 5003), (58, 5015), (60, 5024), (73, 5060), (110, 5225), (128, 5309), (158, 5408), (225, 5630), (239, 5711), (273, 5816),

Gene: GlobiWarming_6 Start: 5551, Stop: 6534, Start Num: 12
Candidate Starts for GlobiWarming_6:
(Start: 12 @5551 has 10 MA's), (20, 5575), (44, 5653), (73, 5767), (102, 5887), (107, 5908), (118, 5953), (197, 6238), (201, 6250), (221, 6304), (239, 6424),

Gene: GodSpeed_7 Start: 7211, Stop: 8113, Start Num: 34
Candidate Starts for GodSpeed_7:
(Start: 34 @7211 has 110 MA's), (47, 7268), (48, 7271), (53, 7298), (77, 7382), (86, 7430), (94, 7463), (103, 7514), (124, 7607), (137, 7658), (149, 7685), (155, 7709), (188, 7829), (198, 7865), (216, 7901), (222, 7925), (256, 8072),

Gene: GoingMerry_6 Start: 4709, Stop: 5635, Start Num: 25
Candidate Starts for GoingMerry_6:
(Start: 25 @4709 has 441 MA's), (56, 4826), (60, 4847), (73, 4883), (93, 4976), (94, 4982), (96, 4988), (110, 5048), (128, 5132), (166, 5246), (204, 5372), (224, 5438), (239, 5522), (245, 5549), (269, 5624),

Gene: GoldHunter_9 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for GoldHunter_9:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: Golden_6 Start: 4803, Stop: 5765, Start Num: 25
Candidate Starts for Golden_6:
(Start: 25 @4803 has 441 MA's), (55, 4914), (56, 4920), (60, 4941), (73, 4977), (83, 5028), (118, 5178), (120, 5190), (206, 5484), (229, 5574), (239, 5628), (240, 5631), (245, 5655),

Gene: GoldenAsh_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for GoldenAsh_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Gollum_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Gollum_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Gomashi_7 Start: 7104, Stop: 8039, Start Num: 34
Candidate Starts for Gomashi_7:
(Start: 34 @7104 has 110 MA's), (47, 7161), (48, 7164), (49, 7176), (77, 7275), (86, 7323), (94, 7356), (103, 7407), (124, 7500), (202, 7779), (214, 7818), (260, 8013),

Gene: Gompeii16_15 Start: 11794, Stop: 12813, Start Num: 8
Candidate Starts for Gompeii16_15:
(Start: 8 @11794 has 530 MA's), (62, 11989), (69, 12004), (96, 12124), (100, 12145), (118, 12220), (131, 12280), (184, 12466), (229, 12637), (230, 12643), (241, 12700), (250, 12736),

Gene: GoneGirl_7 Start: 4820, Stop: 5809, Start Num: 25
Candidate Starts for GoneGirl_7:
(Start: 25 @4820 has 441 MA's), (56, 4937), (80, 5027), (91, 5081), (115, 5180), (128, 5243), (158, 5348), (165, 5369), (166, 5375), (220, 5543), (222, 5549), (225, 5570), (239, 5663), (245, 5690), (274, 5780),

Gene: Goose_15 Start: 11255, Stop: 12190, Start Num: 8
Candidate Starts for Goose_15:
(Start: 8 @11255 has 530 MA's), (35, 11315), (56, 11411), (60, 11426), (75, 11453), (81, 11483), (84, 11507), (85, 11513), (95, 11552), (106, 11603), (114, 11633), (141, 11726), (171, 11813), (184, 11867), (189, 11888), (225, 11996), (230, 12029), (240, 12080), (249, 12116),

Gene: Graduation_17 Start: 12355, Stop: 13353, Start Num: 8
Candidate Starts for Graduation_17:
(Start: 8 @12355 has 530 MA's), (52, 12499), (69, 12565), (96, 12685), (100, 12706), (118, 12781), (131, 12841), (162, 12943), (184, 13027), (221, 13147), (230, 13204), (240, 13243), (241, 13249),

Gene: Gratitude_17 Start: 12655, Stop: 13611, Start Num: 8
Candidate Starts for Gratitude_17:
(Start: 8 @12655 has 530 MA's), (35, 12715), (50, 12784), (56, 12811), (75, 12853), (81, 12883), (84, 12907), (95, 12952), (106, 13003), (110, 13015), (143, 13138), (151, 13165), (158, 13192), (172, 13237), (222, 13396), (224, 13414), (230, 13450), (240, 13501),

Gene: GrecoEtereo_16 Start: 11894, Stop: 12901, Start Num: 8
Candidate Starts for GrecoEtereo_16:
(Start: 8 @11894 has 530 MA's), (52, 12038), (54, 12047), (62, 12089), (69, 12104), (96, 12224), (100, 12245), (118, 12320), (131, 12380), (162, 12482), (184, 12566), (191, 12596), (229, 12737), (230, 12743), (241, 12791),

Gene: GreedyLawyer_19 Start: 12240, Stop: 13211, Start Num: 7
Candidate Starts for GreedyLawyer_19:

(Start: 7 @12240 has 80 MA's), (35, 12300), (56, 12396), (75, 12438), (81, 12468), (84, 12492), (95, 12537), (106, 12588), (110, 12600), (114, 12618), (147, 12723), (196, 12909), (260, 13182),

Gene: GreenIvy_8 Start: 5188, Stop: 6168, Start Num: 25
Candidate Starts for GreenIvy_8:
(Start: 25 @5188 has 441 MA's), (55, 5299), (56, 5305), (60, 5326), (73, 5362), (94, 5461), (110, 5527), (136, 5644), (157, 5713), (158, 5716), (217, 5902), (222, 5917), (224, 5935), (239, 6019), (240, 6022), (279, 6163),

Gene: Greg_17 Start: 11905, Stop: 12903, Start Num: 8
Candidate Starts for Greg_17:
(Start: 8 @11905 has 530 MA's), (52, 12049), (62, 12100), (69, 12115), (96, 12235), (100, 12256), (118, 12331), (131, 12391), (162, 12493), (184, 12577), (221, 12697), (230, 12754), (240, 12793), (241, 12799),

Gene: Greys_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Greys_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Grif_17 Start: 11622, Stop: 12614, Start Num: 10
Candidate Starts for Grif_17:
(Start: 10 @11622 has 117 MA's), (56, 11763), (90, 11883), (99, 11922), (106, 11955), (131, 12066), (158, 12153), (184, 12249), (204, 12330), (218, 12357), (222, 12369), (230, 12423), (236, 12468), (238, 12474), (244, 12507), (254, 12543), (260, 12567),

Gene: GrimEater_6 Start: 4668, Stop: 5582, Start Num: 29
Candidate Starts for GrimEater_6:
(Start: 29 @4668 has 2 MA's), (72, 4830), (84, 4896), (92, 4929), (135, 5118), (142, 5130), (154, 5175), (165, 5211), (187, 5286), (190, 5298), (255, 5532), (256, 5535),

Gene: Grizzly_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Grizzly_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: GroundGoblin_16 Start: 12144, Stop: 13151, Start Num: 8
Candidate Starts for GroundGoblin_16:
(Start: 8 @12144 has 530 MA's), (52, 12288), (62, 12339), (69, 12354), (96, 12474), (100, 12495), (118, 12570), (131, 12630), (155, 12714), (162, 12732), (184, 12816), (230, 12993), (240, 13032), (241, 13038),

Gene: Groundhog_12 Start: 10347, Stop: 11297, Start Num: 17
Candidate Starts for Groundhog_12:
(Start: 17 @10347 has 90 MA's), (56, 10476), (75, 10518), (99, 10635), (106, 10668), (121, 10743), (152, 10827), (178, 10917), (184, 10944), (192, 10977), (205, 11028), (222, 11067), (244, 11193), (254, 11229),

Gene: Groupthink_18 Start: 11610, Stop: 12608, Start Num: 10
Candidate Starts for Groupthink_18:
(Start: 10 @11610 has 117 MA's), (56, 11751), (90, 11871), (99, 11910), (106, 11943), (158, 12141), (178, 12210), (184, 12237), (204, 12318), (230, 12411), (236, 12456), (238, 12462), (244, 12495), (254, 12531), (260, 12555),

Gene: Grub_17 Start: 11531, Stop: 12523, Start Num: 10
Candidate Starts for Grub_17:
(Start: 10 @11531 has 117 MA's), (56, 11672), (90, 11792), (99, 11831), (106, 11864), (131, 11975), (158, 12062), (184, 12158), (204, 12239), (218, 12266), (222, 12278), (230, 12332), (236, 12377), (238, 12383), (244, 12416), (254, 12452), (260, 12476),

Gene: Grum1_17 Start: 11532, Stop: 12524, Start Num: 10
Candidate Starts for Grum1_17:
(Start: 10 @11532 has 117 MA's), (56, 11673), (90, 11793), (99, 11832), (106, 11865), (131, 11976), (158, 12063), (184, 12159), (204, 12240), (218, 12267), (222, 12279), (230, 12333), (236, 12378), (238, 12384), (244, 12417), (254, 12453), (260, 12477),

Gene: Gruunaga_19 Start: 12209, Stop: 13180, Start Num: 7
Candidate Starts for Gruunaga_19:
(Start: 7 @12209 has 80 MA's), (35, 12269), (56, 12365), (75, 12407), (81, 12437), (84, 12461), (95, 12506), (106, 12557), (110, 12569), (114, 12587), (147, 12692),

Gene: GtownJaz_17 Start: 11540, Stop: 12532, Start Num: 10
Candidate Starts for GtownJaz_17:
(Start: 10 @11540 has 117 MA's), (56, 11681), (90, 11801), (99, 11840), (106, 11873), (131, 11984), (158, 12071), (184, 12167), (204, 12248), (218, 12275), (222, 12287), (230, 12341), (236, 12386), (238, 12392), (244, 12425), (254, 12461), (260, 12485),

Gene: Guanica15_13 Start: 6888, Stop: 7817, Start Num: 25
Candidate Starts for Guanica15_13:
(Start: 25 @6888 has 441 MA's), (50, 6978), (56, 7005), (93, 7152), (96, 7164), (98, 7176), (119, 7263), (150, 7377), (219, 7575), (226, 7614), (239, 7698), (240, 7701), (248, 7734), (255, 7758), (263, 7785), (269, 7800),

Gene: Gubbabump_6 Start: 4710, Stop: 5636, Start Num: 25
Candidate Starts for Gubbabump_6:
(Start: 25 @4710 has 441 MA's), (56, 4827), (60, 4848), (73, 4884), (93, 4977), (94, 4983), (96, 4989), (110, 5049), (128, 5133), (166, 5247), (204, 5373), (224, 5439), (239, 5523), (245, 5550), (269, 5625),

Gene: Guetzie_6 Start: 4803, Stop: 5753, Start Num: 25
Candidate Starts for Guetzie_6:
(Start: 25 @4803 has 441 MA's), (55, 4914), (56, 4920), (60, 4941), (73, 4977), (83, 5028), (118, 5178), (120, 5190), (158, 5325), (229, 5574), (239, 5628), (240, 5631), (245, 5655),

Gene: Guey18_44 Start: 15517, Stop: 16491, Start Num: 25
Candidate Starts for Guey18_44:
(Start: 25 @15517 has 441 MA's), (47, 15589), (50, 15607), (56, 15634), (109, 15850), (136, 15967), (157, 16036), (186, 16144), (191, 16171), (196, 16192), (223, 16273), (226, 16300), (239, 16372), (240, 16375), (249, 16411),

Gene: Guillsminger_11 Start: 7955, Stop: 8887, Start Num: 25
Candidate Starts for Guillsminger_11:
(Start: 25 @7955 has 441 MA's), (56, 8072), (61, 8099), (80, 8159), (87, 8195), (89, 8201), (103, 8267), (119, 8330), (168, 8507), (239, 8765), (240, 8768), (248, 8801), (255, 8825),

Gene: Gwendoluna_17 Start: 12775, Stop: 13782, Start Num: 8
Candidate Starts for Gwendoluna_17:

(Start: 8 @12775 has 530 MA's), (69, 12985), (96, 13105), (100, 13126), (118, 13201), (131, 13261), (146, 13312), (155, 13345), (162, 13363), (184, 13447), (230, 13624), (240, 13663), (241, 13669),

Gene: Gwennie_16 Start: 11539, Stop: 12531, Start Num: 10
Candidate Starts for Gwennie_16:
(Start: 10 @11539 has 117 MA's), (56, 11680), (90, 11800), (99, 11839), (106, 11872), (131, 11983), (158, 12070), (184, 12166), (204, 12247), (218, 12274), (222, 12286), (230, 12340), (236, 12385), (238, 12391), (244, 12424), (254, 12460), (260, 12484),

Gene: Gyzlar_17 Start: 12537, Stop: 13556, Start Num: 8
Candidate Starts for Gyzlar_17:
(Start: 8 @12537 has 530 MA's), (62, 12732), (69, 12747), (96, 12867), (100, 12888), (118, 12963), (131, 13023), (184, 13209), (229, 13380), (230, 13386), (241, 13443),

Gene: HINdeR_15 Start: 12923, Stop: 13882, Start Num: 8
Candidate Starts for HINdeR_15:
(Start: 8 @12923 has 530 MA's), (35, 12983), (56, 13079), (60, 13094), (81, 13151), (85, 13181), (106, 13271), (156, 13457), (184, 13559), (225, 13700), (240, 13784), (249, 13820),

Gene: HairyMan_6 Start: 4836, Stop: 5825, Start Num: 25
Candidate Starts for HairyMan_6:
(Start: 25 @4836 has 441 MA's), (45, 4899), (56, 4953), (58, 4965), (60, 4974), (73, 5010), (80, 5043), (83, 5061), (128, 5259), (145, 5316), (177, 5427), (239, 5673), (245, 5700), (265, 5772),

Gene: Halo_7 Start: 7104, Stop: 8039, Start Num: 34
Candidate Starts for Halo_7:
(Start: 34 @7104 has 110 MA's), (47, 7161), (48, 7164), (49, 7176), (54, 7197), (86, 7323), (94, 7356), (153, 7605), (165, 7650), (190, 7737), (202, 7779), (222, 7848), (260, 8013),

Gene: HamSlice_14 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for HamSlice_14:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: Hami1_17 Start: 11978, Stop: 12982, Start Num: 8
Candidate Starts for Hami1_17:
(Start: 8 @11978 has 530 MA's), (52, 12122), (54, 12131), (62, 12173), (69, 12188), (96, 12308), (100, 12329), (118, 12404), (131, 12464), (162, 12566), (184, 12650), (191, 12680), (221, 12770), (229, 12821), (230, 12827), (241, 12875),

Gene: Hamlet_6 Start: 4714, Stop: 5694, Start Num: 25
Candidate Starts for Hamlet_6:
(Start: 25 @4714 has 441 MA's), (56, 4831), (80, 4921), (83, 4939), (91, 4975), (115, 5074), (128, 5137), (158, 5242), (165, 5263), (166, 5269), (228, 5485), (239, 5545), (245, 5572),

Gene: Hammer_19 Start: 12209, Stop: 13195, Start Num: 4
Candidate Starts for Hammer_19:
(Start: 4 @12209 has 1 MA's), (11, 12233), (19, 12248), (35, 12284), (56, 12380), (75, 12422), (81, 12452), (84, 12476), (95, 12521), (106, 12572), (110, 12584), (114, 12602), (147, 12707),

Gene: Hammy_12 Start: 7818, Stop: 8747, Start Num: 25
Candidate Starts for Hammy_12:

(Start: 25 @7818 has 441 MA's), (50, 7908), (56, 7935), (61, 7962), (96, 8094), (109, 8151), (128, 8238), (136, 8268), (150, 8307), (177, 8406), (224, 8532), (226, 8544), (229, 8562), (239, 8628), (240, 8631), (255, 8688),

Gene: HanShotFirst_15 Start: 11197, Stop: 12201, Start Num: 8
Candidate Starts for HanShotFirst_15:
(Start: 8 @11197 has 530 MA's), (69, 11407), (96, 11527), (100, 11548), (118, 11623), (131, 11683), (146, 11734), (147, 11737), (155, 11767), (162, 11785), (184, 11869), (230, 12046), (240, 12085), (241, 12091), (250, 12127),

Gene: HanSolo_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for HanSolo_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: HankSprout_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for HankSprout_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Hanray_16 Start: 12884, Stop: 13843, Start Num: 8
Candidate Starts for Hanray_16:
(Start: 8 @12884 has 530 MA's), (35, 12944), (55, 13034), (56, 13040), (75, 13082), (81, 13112), (84, 13136), (95, 13181), (106, 13232), (110, 13244), (114, 13262), (147, 13385), (151, 13397), (222, 13628), (240, 13733),

Gene: Happiness_15 Start: 11485, Stop: 12417, Start Num: 8
Candidate Starts for Happiness_15:
(Start: 8 @11485 has 530 MA's), (35, 11545), (56, 11641), (60, 11656), (81, 11713), (84, 11737), (106, 11833), (114, 11863), (126, 11917), (174, 12061), (184, 12103), (230, 12265), (233, 12298), (240, 12316), (249, 12352), (258, 12385),

Gene: Harlequin_12 Start: 7701, Stop: 8603, Start Num: 18
Candidate Starts for Harlequin_12:
(Start: 18 @7701 has 40 MA's), (56, 7830), (85, 7932), (96, 7974), (99, 7989), (106, 8022), (178, 8277), (192, 8337), (200, 8370),

Gene: HarryHoudini_18 Start: 12670, Stop: 13626, Start Num: 8
Candidate Starts for HarryHoudini_18:
(Start: 8 @12670 has 530 MA's), (15, 12685), (35, 12730), (56, 12826), (75, 12868), (81, 12898), (84, 12922), (95, 12967), (106, 13018), (114, 13048), (143, 13153), (151, 13180), (158, 13207), (172, 13252), (222, 13411), (224, 13429), (230, 13465), (240, 13516),

Gene: HarryOW_16 Start: 11894, Stop: 12901, Start Num: 8
Candidate Starts for HarryOW_16:
(Start: 8 @11894 has 530 MA's), (52, 12038), (54, 12047), (62, 12089), (69, 12104), (96, 12224), (100, 12245), (118, 12320), (131, 12380), (162, 12482), (184, 12566), (191, 12596), (229, 12737), (230, 12743), (241, 12791),

Gene: HashRod_18 Start: 11623, Stop: 12615, Start Num: 10
Candidate Starts for HashRod_18:
(Start: 10 @11623 has 117 MA's), (56, 11764), (90, 11884), (99, 11923), (106, 11956), (131, 12067), (158, 12154), (184, 12250), (204, 12331), (218, 12358), (222, 12370), (230, 12424), (236, 12469),

(238, 12475), (244, 12508), (254, 12544), (260, 12568),

Gene: Hasitha_8 Start: 5185, Stop: 6165, Start Num: 25
Candidate Starts for Hasitha_8:
(Start: 25 @5185 has 441 MA's), (55, 5296), (56, 5302), (60, 5323), (94, 5458), (103, 5500), (110, 5524), (136, 5641), (157, 5710), (158, 5713), (217, 5899), (222, 5914), (224, 5932), (239, 6016), (240, 6019), (279, 6160),

Gene: HaveUMetTed_18 Start: 11610, Stop: 12602, Start Num: 10
Candidate Starts for HaveUMetTed_18:
(Start: 10 @11610 has 117 MA's), (56, 11751), (90, 11871), (99, 11910), (106, 11943), (158, 12141), (178, 12210), (184, 12237), (204, 12318), (230, 12411), (236, 12456), (238, 12462), (244, 12495), (254, 12531), (260, 12555),

Gene: HavenFinLeoSun_7 Start: 4825, Stop: 5817, Start Num: 25
Candidate Starts for HavenFinLeoSun_7:
(Start: 25 @4825 has 441 MA's), (56, 4942), (58, 4954), (60, 4963), (61, 4969), (73, 4999), (80, 5032), (91, 5086), (128, 5248), (165, 5374), (228, 5596), (239, 5668), (240, 5671), (272, 5782),

Gene: Heathen_15 Start: 10904, Stop: 11878, Start Num: 10
Candidate Starts for Heathen_15:
(Start: 10 @10904 has 117 MA's), (56, 11045), (90, 11165), (99, 11204), (106, 11237), (171, 11474), (178, 11501), (184, 11528), (205, 11612), (230, 11702), (236, 11747), (238, 11753), (244, 11786), (254, 11822),

Gene: HedwigODU_13 Start: 7931, Stop: 8869, Start Num: 25
Candidate Starts for HedwigODU_13:
(Start: 25 @7931 has 441 MA's), (50, 8021), (56, 8048), (93, 8195), (96, 8207), (98, 8219), (119, 8306), (139, 8390), (150, 8420), (219, 8618), (226, 8657), (239, 8741), (240, 8744), (248, 8777), (255, 8801), (269, 8843),

Gene: Heffalump_18 Start: 13977, Stop: 14942, Start Num: 8
Candidate Starts for Heffalump_18:
(Start: 8 @13977 has 530 MA's), (35, 14037), (50, 14106), (56, 14133), (75, 14175), (81, 14205), (84, 14229), (95, 14274), (106, 14325), (132, 14439), (151, 14496), (158, 14523), (172, 14568), (222, 14727), (224, 14745), (230, 14781), (235, 14820),

Gene: Heftyboy_11 Start: 8082, Stop: 9014, Start Num: 25
Candidate Starts for Heftyboy_11:
(Start: 25 @8082 has 441 MA's), (56, 8199), (61, 8226), (80, 8286), (87, 8322), (89, 8328), (103, 8394), (119, 8457), (168, 8634), (239, 8892), (240, 8895), (248, 8928), (255, 8952),

Gene: Hegedechwinu_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Hegedechwinu_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (55, 5118), (56, 5124), (65, 5163), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (222, 5703), (223, 5706), (224, 5721), (229, 5751), (239, 5805), (248, 5841),

Gene: HelDan_15 Start: 11156, Stop: 12130, Start Num: 10
Candidate Starts for HelDan_15:
(Start: 10 @11156 has 117 MA's), (56, 11297), (90, 11417), (99, 11456), (106, 11489), (171, 11726), (178, 11753), (184, 11780), (205, 11864), (230, 11954), (236, 11999), (238, 12005), (244, 12038), (254, 12074),

Gene: Heliosoles_17 Start: 11610, Stop: 12608, Start Num: 10
Candidate Starts for Heliosoles_17:
(Start: 10 @11610 has 117 MA's), (56, 11751), (90, 11871), (99, 11910), (106, 11943), (158, 12141), (178, 12210), (184, 12237), (204, 12318), (230, 12411), (236, 12456), (238, 12462), (244, 12495), (254, 12531), (260, 12555),

Gene: Helmet_19 Start: 12235, Stop: 13206, Start Num: 7
Candidate Starts for Helmet_19:
(Start: 7 @12235 has 80 MA's), (35, 12295), (56, 12391), (75, 12433), (81, 12463), (84, 12487), (95, 12532), (106, 12583), (110, 12595), (114, 12613), (147, 12718), (196, 12904), (260, 13177),

Gene: Henrique_6 Start: 5552, Stop: 6535, Start Num: 12
Candidate Starts for Henrique_6:
(Start: 12 @5552 has 10 MA's), (20, 5576), (44, 5654), (73, 5768), (102, 5888), (107, 5909), (118, 5954), (197, 6239), (201, 6251), (221, 6305), (239, 6425),

Gene: Herbertwm_14 Start: 11015, Stop: 11998, Start Num: 7
Candidate Starts for Herbertwm_14:
(Start: 7 @11015 has 80 MA's), (35, 11075), (42, 11102), (55, 11165), (56, 11171), (75, 11213), (81, 11243), (84, 11267), (95, 11312), (106, 11363), (110, 11375), (132, 11477), (147, 11507), (151, 11519), (158, 11546), (196, 11693), (240, 11888), (255, 11948),

Gene: Hercules11_17 Start: 11546, Stop: 12538, Start Num: 10
Candidate Starts for Hercules11_17:
(Start: 10 @11546 has 117 MA's), (56, 11687), (90, 11807), (99, 11846), (106, 11879), (131, 11990), (158, 12077), (184, 12173), (204, 12254), (218, 12281), (222, 12293), (230, 12347), (236, 12392), (238, 12398), (244, 12431), (254, 12467), (260, 12491),

Gene: HerculesXL_9 Start: 5573, Stop: 6568, Start Num: 25
Candidate Starts for HerculesXL_9:
(Start: 25 @5573 has 441 MA's), (55, 5684), (56, 5690), (60, 5711), (93, 5840), (94, 5846), (96, 5852), (103, 5888), (110, 5912), (115, 5933), (118, 5948), (165, 6122), (217, 6287), (222, 6302), (224, 6320), (239, 6416), (240, 6419),

Gene: Hermia_17 Start: 12336, Stop: 13343, Start Num: 8
Candidate Starts for Hermia_17:
(Start: 8 @12336 has 530 MA's), (52, 12480), (62, 12531), (69, 12546), (96, 12666), (100, 12687), (118, 12762), (131, 12822), (155, 12906), (162, 12924), (184, 13008), (230, 13185), (240, 13224), (241, 13230),

Gene: HermioneGrange_15 Start: 11307, Stop: 12311, Start Num: 8
Candidate Starts for HermioneGrange_15:
(Start: 8 @11307 has 530 MA's), (69, 11517), (96, 11637), (100, 11658), (118, 11733), (131, 11793), (162, 11895), (184, 11979), (221, 12099), (230, 12156), (240, 12195), (241, 12201),

Gene: Hexamo_19 Start: 12190, Stop: 13161, Start Num: 7
Candidate Starts for Hexamo_19:
(Start: 7 @12190 has 80 MA's), (35, 12250), (56, 12346), (75, 12388), (81, 12418), (84, 12442), (95, 12487), (106, 12538), (110, 12550), (114, 12568), (147, 12673), (196, 12859), (260, 13132),

Gene: Hexbug_10 Start: 6434, Stop: 7372, Start Num: 24
Candidate Starts for Hexbug_10:

(Start: 24 @6434 has 17 MA's), (27, 6440), (44, 6506), (64, 6593), (71, 6602), (97, 6725), (99, 6734), (100, 6740), (110, 6779), (118, 6815), (128, 6863), (135, 6893), (187, 7070), (196, 7106), (197, 7109), (249, 7292), (260, 7337),

Gene: HippoHollow_17 Start: 13920, Stop: 14876, Start Num: 8
Candidate Starts for HippoHollow_17:
(Start: 8 @13920 has 530 MA's), (35, 13980), (50, 14049), (56, 14076), (75, 14118), (81, 14148), (84, 14172), (95, 14217), (106, 14268), (110, 14280), (120, 14328), (151, 14430), (168, 14487), (230, 14715), (240, 14766),

Gene: HippoPololi_10 Start: 6182, Stop: 7129, Start Num: 28
Candidate Starts for HippoPololi_10:
(Start: 28 @6182 has 10 MA's), (59, 6317), (88, 6428), (93, 6449), (97, 6467), (103, 6497), (106, 6509), (110, 6521), (128, 6605), (134, 6632), (148, 6674), (155, 6701), (187, 6812), (196, 6848), (197, 6851), (202, 6866), (204, 6878), (227, 6947), (229, 6962), (248, 7031), (256, 7061),

Gene: Hiro_12 Start: 7701, Stop: 8603, Start Num: 18
Candidate Starts for Hiro_12:
(Start: 18 @7701 has 40 MA's), (56, 7830), (85, 7932), (96, 7974), (99, 7989), (106, 8022), (178, 8277), (192, 8337), (200, 8370),

Gene: Holex_16 Start: 12884, Stop: 13843, Start Num: 8
Candidate Starts for Holex_16:
(Start: 8 @12884 has 530 MA's), (35, 12944), (55, 13034), (56, 13040), (75, 13082), (81, 13112), (84, 13136), (95, 13181), (106, 13232), (110, 13244), (114, 13262), (147, 13385), (151, 13397), (222, 13628), (240, 13733),

Gene: Holli_15 Start: 11272, Stop: 12204, Start Num: 8
Candidate Starts for Holli_15:
(Start: 8 @11272 has 530 MA's), (35, 11332), (56, 11428), (81, 11500), (84, 11524), (106, 11620), (126, 11704), (174, 11848), (184, 11890), (230, 12052), (233, 12085), (240, 12103), (249, 12139), (258, 12172),

Gene: Holliday_7 Start: 4901, Stop: 5842, Start Num: 34
Candidate Starts for Holliday_7:
(Start: 34 @4901 has 110 MA's), (68, 5036), (86, 5117), (91, 5138), (106, 5213), (135, 5339), (193, 5540), (198, 5558), (207, 5591), (226, 5675), (261, 5813),

Gene: Homines_15 Start: 11612, Stop: 12619, Start Num: 8
Candidate Starts for Homines_15:
(Start: 8 @11612 has 530 MA's), (52, 11756), (62, 11807), (69, 11822), (96, 11942), (100, 11963), (118, 12038), (131, 12098), (146, 12149), (155, 12182), (162, 12200), (184, 12284), (229, 12455), (230, 12461), (241, 12515),

Gene: Homura_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Homura_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Hookmount_16 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for Hookmount_16:

(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Hoot_19 Start: 12219, Stop: 13190, Start Num: 7
Candidate Starts for Hoot_19:
(Start: 7 @12219 has 80 MA's), (35, 12279), (56, 12375), (75, 12417), (81, 12447), (84, 12471), (95, 12516), (106, 12567), (110, 12579), (114, 12597), (147, 12702), (196, 12888), (260, 13161),

Gene: Hope_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Hope_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Hope4ever_15 Start: 11714, Stop: 12730, Start Num: 8
Candidate Starts for Hope4ever_15:
(Start: 8 @11714 has 530 MA's), (52, 11858), (62, 11909), (69, 11924), (96, 12044), (100, 12065), (118, 12140), (131, 12200), (146, 12251), (147, 12254), (155, 12284), (162, 12302), (184, 12386), (229, 12557), (230, 12563), (234, 12596), (241, 12617), (250, 12653),

Gene: Horseradish_9 Start: 5276, Stop: 6229, Start Num: 17
Candidate Starts for Horseradish_9:
(Start: 17 @5276 has 90 MA's), (23, 5291), (37, 5318), (64, 5444), (71, 5453), (86, 5531), (97, 5576), (99, 5585), (110, 5630), (118, 5666), (134, 5741), (187, 5921), (196, 5957), (197, 5960), (204, 5987), (249, 6143), (256, 6170), (260, 6188),

Gene: HortumSL17_17 Start: 12848, Stop: 13807, Start Num: 8
Candidate Starts for HortumSL17_17:
(Start: 8 @12848 has 530 MA's), (35, 12908), (55, 12998), (56, 13004), (75, 13046), (81, 13076), (84, 13100), (95, 13145), (106, 13196), (110, 13208), (114, 13226), (147, 13349), (151, 13361), (222, 13592), (240, 13697),

Gene: Horus_7 Start: 4897, Stop: 5835, Start Num: 34
Candidate Starts for Horus_7:
(Start: 34 @4897 has 110 MA's), (44, 4939), (45, 4942), (68, 5032), (91, 5134), (105, 5206), (106, 5209), (154, 5398), (198, 5551), (202, 5563), (218, 5626), (228, 5680), (256, 5785), (261, 5806),

Gene: HotPotato_6 Start: 5556, Stop: 6539, Start Num: 12
Candidate Starts for HotPotato_6:
(Start: 12 @5556 has 10 MA's), (20, 5580), (44, 5658), (73, 5772), (96, 5862), (102, 5892), (107, 5913), (118, 5958), (197, 6243), (201, 6255), (221, 6309), (239, 6429),

Gene: Hotshotbaby7_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Hotshotbaby7_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Houdini22_15 Start: 11483, Stop: 12415, Start Num: 8
Candidate Starts for Houdini22_15:
(Start: 8 @11483 has 530 MA's), (35, 11543), (56, 11639), (81, 11711), (84, 11735), (106, 11831), (126, 11915), (174, 12059), (184, 12101), (230, 12263), (233, 12296), (240, 12314), (249, 12350), (258, 12383),

Gene: HuhtaEnerson15_13 Start: 10799, Stop: 11731, Start Num: 17
Candidate Starts for HuhtaEnerson15_13:
(Start: 17 @10799 has 90 MA's), (56, 10928), (75, 10970), (81, 11000), (99, 11087), (106, 11120), (184, 11384), (190, 11408), (205, 11468), (222, 11507), (225, 11528), (231, 11576), (244, 11633), (254, 11669), (260, 11693),

Gene: Hum25_6 Start: 5020, Stop: 5922, Start Num: 18
Candidate Starts for Hum25_6:
(Start: 18 @5020 has 40 MA's), (49, 5116), (55, 5140), (84, 5242), (88, 5257), (95, 5287), (129, 5440), (147, 5479), (158, 5515), (230, 5779), (232, 5797),

Gene: HungryHenry_6 Start: 4709, Stop: 5635, Start Num: 25
Candidate Starts for HungryHenry_6:
(Start: 25 @4709 has 441 MA's), (56, 4826), (60, 4847), (73, 4883), (93, 4976), (94, 4982), (96, 4988), (110, 5048), (128, 5132), (166, 5246), (204, 5372), (224, 5438), (239, 5522), (245, 5549), (269, 5624),

Gene: Hurricane_12 Start: 7958, Stop: 8881, Start Num: 25
Candidate Starts for Hurricane_12:
(Start: 25 @7958 has 441 MA's), (50, 8048), (56, 8075), (61, 8102), (96, 8234), (103, 8270), (109, 8291), (118, 8330), (131, 8390), (183, 8570), (224, 8672), (226, 8684), (229, 8702), (239, 8768), (264, 8858),

Gene: Hutc2_16 Start: 12702, Stop: 13691, Start Num: 7
Candidate Starts for Hutc2_16:
(Start: 7 @12702 has 80 MA's), (35, 12762), (43, 12792), (55, 12852), (56, 12858), (75, 12900), (81, 12930), (84, 12954), (95, 12999), (106, 13050), (110, 13062), (114, 13080), (132, 13164), (147, 13200), (151, 13212), (158, 13239), (230, 13497), (253, 13602),

Gene: Huxley_15 Start: 11543, Stop: 12475, Start Num: 8
Candidate Starts for Huxley_15:
(Start: 8 @11543 has 530 MA's), (35, 11603), (56, 11699), (81, 11771), (84, 11795), (106, 11891), (126, 11975), (174, 12119), (184, 12161), (230, 12323), (233, 12356), (240, 12374), (249, 12410), (258, 12443),

Gene: Hyperbowlee_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Hyperbowlee_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: ICleared_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for ICleared_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (60, 11651), (81, 11708), (84, 11732), (106, 11828), (114, 11858), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: ILeeKay_17 Start: 11766, Stop: 12764, Start Num: 8
Candidate Starts for ILeeKay_17:
(Start: 8 @11766 has 530 MA's), (52, 11910), (62, 11961), (69, 11976), (96, 12096), (100, 12117), (118, 12192), (131, 12252), (155, 12336), (162, 12354), (184, 12438), (221, 12558), (230, 12615), (240, 12654), (241, 12660),

Gene: Iceman_15 Start: 11481, Stop: 12413, Start Num: 8

Candidate Starts for Iceman_15:
(Start: 8 @11481 has 530 MA's), (35, 11541), (56, 11637), (60, 11652), (81, 11709), (84, 11733), (106, 11829), (114, 11859), (126, 11913), (174, 12057), (184, 12099), (230, 12261), (233, 12294), (240, 12312), (249, 12348), (258, 12381),

Gene: Ichabod_16 Start: 11618, Stop: 12628, Start Num: 8
Candidate Starts for Ichabod_16:
(Start: 8 @11618 has 530 MA's), (52, 11762), (62, 11813), (69, 11828), (96, 11948), (100, 11969), (118, 12044), (131, 12104), (155, 12188), (162, 12206), (184, 12290), (229, 12461), (230, 12467), (241, 12521),

Gene: IdentityCrisis_7 Start: 6019, Stop: 6936, Start Num: 34
Candidate Starts for IdentityCrisis_7:
(Start: 34 @6019 has 110 MA's), (59, 6130), (68, 6154), (94, 6265), (113, 6352), (116, 6364), (118, 6376), (127, 6421), (134, 6451), (135, 6454), (153, 6508), (154, 6511), (160, 6529), (170, 6568), (176, 6592), (183, 6622), (203, 6706), (218, 6733), (230, 6799),

Gene: Idleandcovert_15 Start: 11103, Stop: 12077, Start Num: 10
Candidate Starts for Idleandcovert_15:
(Start: 10 @11103 has 117 MA's), (56, 11244), (90, 11364), (99, 11403), (106, 11436), (171, 11673), (178, 11700), (184, 11727), (205, 11811), (230, 11901), (236, 11946), (238, 11952), (244, 11985), (254, 12021),

Gene: IgnatiusPatJac_14 Start: 11592, Stop: 12590, Start Num: 8
Candidate Starts for IgnatiusPatJac_14:
(Start: 8 @11592 has 530 MA's), (52, 11736), (62, 11787), (69, 11802), (96, 11922), (100, 11943), (118, 12018), (131, 12078), (162, 12180), (184, 12264), (221, 12384), (230, 12441), (240, 12480), (241, 12486),

Gene: Illumine_13 Start: 7930, Stop: 8865, Start Num: 25
Candidate Starts for Illumine_13:
(Start: 25 @7930 has 441 MA's), (50, 8020), (56, 8047), (93, 8194), (96, 8206), (98, 8218), (119, 8305), (150, 8419), (219, 8617), (226, 8656), (229, 8674), (239, 8740), (240, 8743), (248, 8776), (249, 8779), (255, 8800), (269, 8842),

Gene: Ilzat_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Ilzat_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Indra_19 Start: 12235, Stop: 13206, Start Num: 7
Candidate Starts for Indra_19:
(Start: 7 @12235 has 80 MA's), (35, 12295), (56, 12391), (75, 12433), (81, 12463), (84, 12487), (95, 12532), (106, 12583), (110, 12595), (114, 12613), (147, 12718), (196, 12904), (260, 13177),

Gene: Inky_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Inky_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Insomnia_16 Start: 12751, Stop: 13740, Start Num: 7
Candidate Starts for Insomnia_16:

(Start: 7 @12751 has 80 MA's), (35, 12811), (43, 12841), (55, 12901), (56, 12907), (75, 12949), (81, 12979), (84, 13003), (95, 13048), (106, 13099), (110, 13111), (114, 13129), (132, 13213), (147, 13249), (151, 13261), (158, 13288), (230, 13546), (253, 13651),

Gene: Inventa_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Inventa_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: InvictusManeo_11 Start: 8104, Stop: 9024, Start Num: 25
Candidate Starts for InvictusManeo_11:
(Start: 25 @8104 has 441 MA's), (56, 8221), (61, 8248), (80, 8308), (87, 8344), (89, 8350), (96, 8380), (103, 8416), (119, 8479), (124, 8509), (239, 8914), (240, 8917), (248, 8950), (255, 8974),

Gene: Inyanga_14 Start: 11381, Stop: 12385, Start Num: 8
Candidate Starts for Inyanga_14:
(Start: 8 @11381 has 530 MA's), (52, 11525), (62, 11576), (69, 11591), (96, 11711), (100, 11732), (118, 11807), (131, 11867), (146, 11918), (155, 11951), (162, 11969), (184, 12053), (230, 12230), (241, 12278), (264, 12362),

Gene: Ioannes_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Ioannes_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Iqorha_14 Start: 11381, Stop: 12385, Start Num: 8
Candidate Starts for Iqorha_14:
(Start: 8 @11381 has 530 MA's), (52, 11525), (54, 11534), (62, 11576), (69, 11591), (96, 11711), (100, 11732), (118, 11807), (131, 11867), (155, 11951), (162, 11969), (184, 12053), (230, 12230), (241, 12278), (264, 12362),

Gene: Iracema64_15 Start: 11457, Stop: 12389, Start Num: 8
Candidate Starts for Iracema64_15:
(Start: 8 @11457 has 530 MA's), (35, 11517), (56, 11613), (60, 11628), (81, 11685), (84, 11709), (106, 11805), (114, 11835), (126, 11889), (174, 12033), (184, 12075), (230, 12237), (233, 12270), (240, 12288), (249, 12324), (258, 12357),

Gene: IronMan_18 Start: 13861, Stop: 14817, Start Num: 8
Candidate Starts for IronMan_18:
(Start: 8 @13861 has 530 MA's), (35, 13921), (50, 13990), (56, 14017), (75, 14059), (81, 14089), (84, 14113), (95, 14158), (106, 14209), (114, 14239), (151, 14371), (222, 14602), (230, 14656),

Gene: Isca_15 Start: 10978, Stop: 11982, Start Num: 10
Candidate Starts for Isca_15:
(Start: 10 @10978 has 117 MA's), (56, 11125), (90, 11245), (99, 11284), (106, 11317), (131, 11428), (132, 11437), (144, 11464), (171, 11554), (184, 11608), (205, 11692), (230, 11782), (238, 11833), (244, 11866), (254, 11902), (276, 11959),

Gene: Isiphiwo_19 Start: 12230, Stop: 13201, Start Num: 7
Candidate Starts for Isiphiwo_19:
(Start: 7 @12230 has 80 MA's), (35, 12290), (56, 12386), (75, 12428), (81, 12458), (84, 12482), (95, 12527), (106, 12578), (110, 12590), (114, 12608), (147, 12713), (196, 12899), (260, 13172),

Gene: Iwokeuplikedis_16 Start: 11914, Stop: 12870, Start Num: 8
Candidate Starts for Iwokeuplikedis_16:
(Start: 8 @11914 has 530 MA's), (35, 11974), (50, 12043), (56, 12070), (75, 12112), (81, 12142), (84, 12166), (95, 12211), (106, 12262), (110, 12274), (114, 12292), (143, 12397), (151, 12424), (158, 12451), (172, 12496), (196, 12598), (222, 12655), (224, 12673), (240, 12760),

Gene: Ixel_8 Start: 5124, Stop: 6119, Start Num: 25
Candidate Starts for Ixel_8:
(Start: 25 @5124 has 441 MA's), (50, 5214), (55, 5235), (56, 5241), (58, 5253), (60, 5262), (93, 5391), (94, 5397), (96, 5403), (103, 5439), (110, 5463), (118, 5499), (206, 5811), (217, 5838), (222, 5853), (228, 5895), (239, 5967),

Gene: JAWS_13 Start: 7928, Stop: 8863, Start Num: 25
Candidate Starts for JAWS_13:
(Start: 25 @7928 has 441 MA's), (50, 8018), (56, 8045), (93, 8192), (96, 8204), (98, 8216), (119, 8303), (139, 8387), (150, 8417), (219, 8615), (226, 8654), (239, 8738), (240, 8741), (248, 8774), (255, 8798), (269, 8840),

Gene: JC27_17 Start: 12218, Stop: 13225, Start Num: 8
Candidate Starts for JC27_17:
(Start: 8 @12218 has 530 MA's), (52, 12362), (62, 12413), (69, 12428), (96, 12548), (100, 12569), (118, 12644), (131, 12704), (155, 12788), (162, 12806), (184, 12890), (230, 13067), (240, 13106), (241, 13112),

Gene: JF1_14 Start: 9164, Stop: 10093, Start Num: 25
Candidate Starts for JF1_14:
(Start: 25 @9164 has 441 MA's), (50, 9254), (55, 9275), (56, 9281), (61, 9308), (80, 9368), (102, 9470), (103, 9476), (118, 9536), (128, 9584), (131, 9596), (150, 9653), (168, 9716), (175, 9743), (213, 9836), (226, 9890), (229, 9908), (239, 9974), (255, 10034),

Gene: JF2_15 Start: 10746, Stop: 11738, Start Num: 10
Candidate Starts for JF2_15:
(Start: 10 @10746 has 117 MA's), (16, 10755), (56, 10887), (90, 11007), (99, 11046), (106, 11079), (131, 11190), (132, 11199), (171, 11316), (184, 11370), (205, 11454), (230, 11544), (238, 11595), (244, 11628), (254, 11664),

Gene: JF4_15 Start: 10746, Stop: 11738, Start Num: 10
Candidate Starts for JF4_15:
(Start: 10 @10746 has 117 MA's), (16, 10755), (56, 10887), (90, 11007), (99, 11046), (106, 11079), (131, 11190), (132, 11199), (171, 11316), (184, 11370), (205, 11454), (230, 11544), (238, 11595), (244, 11628), (254, 11664),

Gene: JHC117_17 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for JHC117_17:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: JSwag_18 Start: 11281, Stop: 12231, Start Num: 8
Candidate Starts for JSwag_18:
(Start: 8 @11281 has 530 MA's), (35, 11341), (56, 11437), (81, 11509), (84, 11533), (95, 11578), (106, 11629), (114, 11659), (225, 12037), (249, 12157), (260, 12202),

Gene: Jaan_19 Start: 14251, Stop: 15207, Start Num: 8
Candidate Starts for Jaan_19:
(Start: 8 @14251 has 530 MA's), (35, 14311), (50, 14380), (56, 14407), (75, 14449), (81, 14479), (84, 14503), (95, 14548), (106, 14599), (114, 14629), (151, 14761), (168, 14818), (222, 14992), (230, 15046),

Gene: Jabbawokkie_8 Start: 5401, Stop: 6336, Start Num: 34
Candidate Starts for Jabbawokkie_8:
(Start: 34 @5401 has 110 MA's), (45, 5446), (47, 5455), (56, 5500), (68, 5536), (91, 5638), (106, 5713), (152, 5893), (170, 5959), (198, 6055), (207, 6088), (211, 6106), (218, 6130), (226, 6172), (251, 6271), (256, 6289), (261, 6310),

Gene: Jabiru_13 Start: 10679, Stop: 11620, Start Num: 17
Candidate Starts for Jabiru_13:
(Start: 17 @10679 has 90 MA's), (56, 10808), (81, 10880), (99, 10967), (106, 11000), (114, 11030), (151, 11141), (184, 11264), (190, 11288), (205, 11348), (222, 11387), (225, 11408), (231, 11456), (244, 11513), (254, 11549), (260, 11573),

Gene: Jabith_16 Start: 12751, Stop: 13740, Start Num: 7
Candidate Starts for Jabith_16:
(Start: 7 @12751 has 80 MA's), (35, 12811), (43, 12841), (55, 12901), (56, 12907), (75, 12949), (81, 12979), (84, 13003), (95, 13048), (106, 13099), (110, 13111), (114, 13129), (132, 13213), (147, 13249), (151, 13261), (158, 13288), (230, 13546), (253, 13651),

Gene: JackSparrow_16 Start: 11934, Stop: 12938, Start Num: 8
Candidate Starts for JackSparrow_16:
(Start: 8 @11934 has 530 MA's), (33, 11991), (52, 12078), (54, 12087), (62, 12129), (69, 12144), (96, 12264), (100, 12285), (118, 12360), (131, 12420), (162, 12522), (184, 12606), (191, 12636), (221, 12726), (229, 12777), (230, 12783), (241, 12831),

Gene: JacoRen57_6 Start: 5476, Stop: 6447, Start Num: 21
Candidate Starts for JacoRen57_6:
(Start: 21 @5476 has 4 MA's), (40, 5527), (56, 5611), (59, 5626), (73, 5668), (83, 5704), (88, 5725), (94, 5752), (99, 5773), (103, 5794), (116, 5842), (148, 5959), (158, 5986), (161, 5992), (165, 6007), (194, 6118), (209, 6169), (237, 6307), (243, 6337), (263, 6415),

Gene: JalFarm20_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for JalFarm20_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Jamzy_11 Start: 5769, Stop: 6698, Start Num: 26
Candidate Starts for Jamzy_11:
(Start: 26 @5769 has 7 MA's), (44, 5835), (71, 5931), (76, 5958), (97, 6054), (99, 6063), (100, 6069), (101, 6078), (118, 6144), (128, 6192), (187, 6399), (196, 6435), (249, 6621),

Gene: Jane_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Jane_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Jankie_6 Start: 4667, Stop: 5581, Start Num: 29

Candidate Starts for Jankie_6:
(Start: 29 @4667 has 2 MA's), (72, 4829), (84, 4895), (92, 4928), (135, 5117), (142, 5129), (154, 5174), (165, 5210), (187, 5285), (190, 5297), (255, 5531), (256, 5534),

Gene: Janus167_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Janus167_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Jarvi_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Jarvi_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: JasonD_8 Start: 4985, Stop: 5977, Start Num: 25
Candidate Starts for JasonD_8:
(Start: 25 @4985 has 441 MA's), (56, 5102), (73, 5159), (80, 5192), (91, 5246), (96, 5264), (165, 5534), (222, 5714), (225, 5735), (228, 5756), (239, 5828), (245, 5855),

Gene: Jasper_16 Start: 11429, Stop: 12439, Start Num: 8
Candidate Starts for Jasper_16:
(Start: 8 @11429 has 530 MA's), (52, 11573), (62, 11624), (69, 11639), (96, 11759), (100, 11780), (118, 11855), (131, 11915), (146, 11966), (155, 11999), (162, 12017), (184, 12101), (229, 12272), (230, 12278), (241, 12332),

Gene: JasperRussell_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for JasperRussell_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Jayhawk_13 Start: 7932, Stop: 8870, Start Num: 25
Candidate Starts for Jayhawk_13:
(Start: 25 @7932 has 441 MA's), (50, 8022), (56, 8049), (93, 8196), (96, 8208), (98, 8220), (119, 8307), (139, 8391), (150, 8421), (219, 8619), (226, 8658), (239, 8742), (240, 8745), (248, 8778), (255, 8802), (269, 8844),

Gene: Jaykayelowell_15 Start: 11478, Stop: 12410, Start Num: 8
Candidate Starts for Jaykayelowell_15:
(Start: 8 @11478 has 530 MA's), (35, 11538), (56, 11634), (81, 11706), (84, 11730), (106, 11826), (126, 11910), (174, 12054), (184, 12096), (230, 12258), (233, 12291), (240, 12309), (249, 12345), (258, 12378),

Gene: Jeckyll_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Jeckyll_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Jeeves_15 Start: 11236, Stop: 12183, Start Num: 13
Candidate Starts for Jeeves_15:
(Start: 13 @11236 has 9 MA's), (35, 11287), (56, 11383), (60, 11398), (75, 11425), (81, 11455), (95, 11524), (106, 11575), (110, 11587), (152, 11743), (190, 11884), (222, 11968), (230, 12022),

Gene: Jeffabunny_19 Start: 12243, Stop: 13214, Start Num: 7
Candidate Starts for Jeffabunny_19:
(Start: 7 @12243 has 80 MA's), (35, 12303), (56, 12399), (75, 12441), (81, 12471), (84, 12495), (95, 12540), (106, 12591), (110, 12603), (114, 12621), (147, 12726), (196, 12912),

Gene: Jeilious_7 Start: 7102, Stop: 8037, Start Num: 34
Candidate Starts for Jeilious_7:
(Start: 34 @7102 has 110 MA's), (47, 7159), (48, 7162), (49, 7174), (77, 7273), (86, 7321), (94, 7354), (103, 7405), (124, 7498), (202, 7777), (214, 7816), (260, 8011),

Gene: Jemerald_8 Start: 6059, Stop: 7003, Start Num: 24
Candidate Starts for Jemerald_8:
(2, 5966), (Start: 24 @6059 has 17 MA's), (45, 6122), (56, 6176), (58, 6188), (60, 6197), (89, 6308), (115, 6419), (118, 6434), (128, 6482), (158, 6569), (221, 6767), (225, 6791), (239, 6884), (240, 6887), (269, 6992),

Gene: JenCasNa_17 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for JenCasNa_17:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Jenos_8 Start: 5321, Stop: 6310, Start Num: 25
Candidate Starts for Jenos_8:
(Start: 25 @5321 has 441 MA's), (56, 5438), (73, 5495), (80, 5528), (91, 5582), (96, 5600), (115, 5681), (128, 5744), (165, 5870), (222, 6050), (225, 6071), (228, 6092), (239, 6164), (240, 6167), (245, 6191),

Gene: JeppNRM_18 Start: 11608, Stop: 12606, Start Num: 10
Candidate Starts for JeppNRM_18:
(Start: 10 @11608 has 117 MA's), (56, 11749), (90, 11869), (99, 11908), (106, 11941), (158, 12139), (178, 12208), (184, 12235), (204, 12316), (230, 12409), (236, 12454), (238, 12460), (244, 12493), (254, 12529), (260, 12553),

Gene: Jerbirus_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Jerbirus_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: JeriBeth_6 Start: 4708, Stop: 5634, Start Num: 24
Candidate Starts for JeriBeth_6:
(Start: 24 @4708 has 17 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Jerm_18 Start: 12585, Stop: 13541, Start Num: 8
Candidate Starts for Jerm_18:
(Start: 8 @12585 has 530 MA's), (35, 12645), (46, 12693), (50, 12714), (56, 12741), (75, 12783), (81, 12813), (84, 12837), (106, 12933), (110, 12945), (143, 13068), (151, 13095), (158, 13122), (172, 13167), (222, 13326), (224, 13344), (230, 13380), (240, 13431),

Gene: Jerm2_16 Start: 11807, Stop: 12808, Start Num: 8
Candidate Starts for Jerm2_16:

(Start: 8 @11807 has 530 MA's), (69, 12017), (96, 12137), (100, 12158), (118, 12233), (131, 12293), (162, 12395), (184, 12479), (221, 12599), (230, 12656), (240, 12695), (241, 12701),

Gene: Jester_12 Start: 7701, Stop: 8603, Start Num: 18
Candidate Starts for Jester_12:
(Start: 18 @7701 has 40 MA's), (56, 7830), (85, 7932), (96, 7974), (99, 7989), (106, 8022), (178, 8277), (192, 8337), (200, 8370),

Gene: JetBlade_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for JetBlade_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: JewelBug_19 Start: 12241, Stop: 13212, Start Num: 7
Candidate Starts for JewelBug_19:
(Start: 7 @12241 has 80 MA's), (35, 12301), (56, 12397), (75, 12439), (81, 12469), (84, 12493), (95, 12538), (106, 12589), (110, 12601), (114, 12619), (147, 12724), (196, 12910), (260, 13183),

Gene: Jiawan_16 Start: 12884, Stop: 13843, Start Num: 8
Candidate Starts for Jiawan_16:
(Start: 8 @12884 has 530 MA's), (35, 12944), (55, 13034), (56, 13040), (75, 13082), (81, 13112), (84, 13136), (95, 13181), (106, 13232), (110, 13244), (114, 13262), (147, 13385), (151, 13397), (222, 13628), (240, 13733),

Gene: Jingles_6 Start: 4718, Stop: 5671, Start Num: 25
Candidate Starts for Jingles_6:
(Start: 25 @4718 has 441 MA's), (55, 4829), (56, 4835), (60, 4856), (73, 4892), (80, 4925), (118, 5093), (120, 5105), (158, 5240), (165, 5261), (239, 5543), (240, 5546), (245, 5570),

Gene: Job42_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Job42_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Jobu08_17 Start: 11608, Stop: 12600, Start Num: 10
Candidate Starts for Jobu08_17:
(Start: 10 @11608 has 117 MA's), (56, 11749), (90, 11869), (99, 11908), (106, 11941), (131, 12052), (158, 12139), (184, 12235), (204, 12316), (218, 12343), (222, 12355), (230, 12409), (236, 12454), (238, 12460), (244, 12493), (254, 12529), (260, 12553),

Gene: Jolene_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Jolene_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Jolie2_7 Start: 6247, Stop: 7173, Start Num: 34
Candidate Starts for Jolie2_7:
(Start: 34 @6247 has 110 MA's), (47, 6304), (48, 6307), (49, 6319), (77, 6418), (86, 6466), (94, 6499), (155, 6754), (202, 6922), (230, 7039), (241, 7075), (260, 7147), (269, 7165),

Gene: Jonghyun_7 Start: 7103, Stop: 8038, Start Num: 34

Candidate Starts for Jonghyun_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: JoongJeon_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for JoongJeon_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: JorRay_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for JorRay_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Jordennis_19 Start: 12230, Stop: 13201, Start Num: 7
Candidate Starts for Jordennis_19:
(Start: 7 @12230 has 80 MA's), (35, 12290), (56, 12386), (75, 12428), (81, 12458), (84, 12482), (95, 12527), (106, 12578), (110, 12590), (114, 12608), (147, 12713), (196, 12899), (260, 13172),

Gene: Jorgensen_15 Start: 11390, Stop: 12388, Start Num: 8
Candidate Starts for Jorgensen_15:
(Start: 8 @11390 has 530 MA's), (52, 11534), (62, 11585), (69, 11600), (96, 11720), (100, 11741), (118, 11816), (131, 11876), (155, 11960), (162, 11978), (184, 12062), (221, 12182), (230, 12239), (240, 12278), (241, 12284),

Gene: Joselito_16 Start: 12699, Stop: 13688, Start Num: 7
Candidate Starts for Joselito_16:
(Start: 7 @12699 has 80 MA's), (35, 12759), (43, 12789), (55, 12849), (56, 12855), (75, 12897), (81, 12927), (84, 12951), (95, 12996), (106, 13047), (110, 13059), (114, 13077), (132, 13161), (147, 13197), (151, 13209), (158, 13236), (230, 13494), (253, 13599),

Gene: JoshKayV_18 Start: 12589, Stop: 13545, Start Num: 8
Candidate Starts for JoshKayV_18:
(Start: 8 @12589 has 530 MA's), (15, 12604), (35, 12649), (46, 12697), (50, 12718), (56, 12745), (75, 12787), (81, 12817), (84, 12841), (95, 12886), (106, 12937), (110, 12949), (114, 12967), (143, 13072), (151, 13099), (222, 13330),

Gene: Journey13_14 Start: 11269, Stop: 12270, Start Num: 8
Candidate Starts for Journey13_14:
(Start: 8 @11269 has 530 MA's), (35, 11329), (56, 11425), (75, 11467), (81, 11497), (84, 11521), (95, 11566), (106, 11617), (114, 11647), (131, 11722), (156, 11785), (184, 11887), (189, 11908), (215, 11998), (222, 12025), (230, 12079), (268, 12229),

Gene: Jovo_13 Start: 10908, Stop: 11840, Start Num: 17
Candidate Starts for Jovo_13:
(Start: 17 @10908 has 90 MA's), (56, 11037), (75, 11079), (81, 11109), (99, 11196), (106, 11229), (184, 11493), (190, 11517), (205, 11577), (222, 11616), (225, 11637), (231, 11685), (244, 11742), (254, 11778), (260, 11802),

Gene: Joy99_13 Start: 7900, Stop: 8835, Start Num: 25
Candidate Starts for Joy99_13:

(Start: 25 @7900 has 441 MA's), (50, 7990), (56, 8017), (93, 8164), (96, 8176), (98, 8188), (119, 8275), (139, 8359), (150, 8389), (219, 8587), (226, 8626), (229, 8644), (239, 8710), (240, 8713), (248, 8746), (255, 8770), (269, 8812),

Gene: Jsquared_15 Start: 11031, Stop: 11981, Start Num: 8
Candidate Starts for Jsquared_15:
(Start: 8 @11031 has 530 MA's), (35, 11091), (50, 11160), (56, 11187), (75, 11229), (81, 11259), (84, 11283), (95, 11328), (106, 11379), (114, 11409), (132, 11493), (158, 11562), (172, 11607), (196, 11709), (219, 11757), (222, 11766), (224, 11784), (230, 11820), (240, 11871),

Gene: Juanyo_6 Start: 5026, Stop: 5967, Start Num: 25
Candidate Starts for Juanyo_6:
(Start: 25 @5026 has 441 MA's), (56, 5143), (58, 5155), (60, 5164), (73, 5200), (80, 5233), (110, 5365), (222, 5749), (225, 5770), (239, 5851), (271, 5956),

Gene: Judy_6 Start: 5595, Stop: 6578, Start Num: 12
Candidate Starts for Judy_6:
(Start: 12 @5595 has 10 MA's), (20, 5619), (44, 5697), (73, 5811), (102, 5931), (107, 5952), (118, 5997), (197, 6282), (201, 6294), (221, 6348), (239, 6468),

Gene: Juice456_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Juice456_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (55, 5119), (56, 5125), (65, 5164), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Juicer_8 Start: 6059, Stop: 7003, Start Num: 24
Candidate Starts for Juicer_8:
(2, 5966), (Start: 24 @6059 has 17 MA's), (45, 6122), (56, 6176), (58, 6188), (60, 6197), (89, 6308), (115, 6419), (118, 6434), (128, 6482), (158, 6569), (221, 6767), (225, 6791), (239, 6884), (240, 6887), (269, 6992),

Gene: JuliaChild_17 Start: 12065, Stop: 13072, Start Num: 8
Candidate Starts for JuliaChild_17:
(Start: 8 @12065 has 530 MA's), (69, 12275), (96, 12395), (100, 12416), (118, 12491), (136, 12572), (155, 12635), (162, 12653), (184, 12737), (230, 12914), (241, 12962),

Gene: Juliette_14 Start: 9051, Stop: 9980, Start Num: 25
Candidate Starts for Juliette_14:
(Start: 25 @9051 has 441 MA's), (50, 9141), (55, 9162), (56, 9168), (61, 9195), (80, 9255), (96, 9327), (102, 9357), (103, 9363), (150, 9540), (168, 9603), (175, 9630), (183, 9663), (213, 9723), (226, 9777), (239, 9861), (248, 9897), (255, 9921),

Gene: KADY_18 Start: 11623, Stop: 12615, Start Num: 10
Candidate Starts for KADY_18:
(Start: 10 @11623 has 117 MA's), (56, 11764), (90, 11884), (99, 11923), (106, 11956), (131, 12067), (158, 12154), (184, 12250), (204, 12331), (218, 12358), (222, 12370), (230, 12424), (236, 12469), (238, 12475), (244, 12508), (254, 12544), (260, 12568),

Gene: KBG_16 Start: 12499, Stop: 13509, Start Num: 8
Candidate Starts for KBG_16:
(Start: 8 @12499 has 530 MA's), (62, 12694), (69, 12709), (96, 12829), (100, 12850), (118, 12925), (131, 12985), (184, 13171), (229, 13342), (230, 13348), (241, 13405), (250, 13441),

Gene: KFPoly_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for KFPoly_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: KSSJEB_15 Start: 11403, Stop: 12413, Start Num: 8
Candidate Starts for KSSJEB_15:
(Start: 8 @11403 has 530 MA's), (52, 11547), (62, 11598), (69, 11613), (96, 11733), (100, 11754), (118, 11829), (131, 11889), (155, 11973), (162, 11991), (184, 12075), (229, 12246), (230, 12252), (241, 12306),

Gene: Kachowdy_15 Start: 11156, Stop: 12130, Start Num: 10
Candidate Starts for Kachowdy_15:
(Start: 10 @11156 has 117 MA's), (56, 11297), (90, 11417), (99, 11456), (106, 11489), (171, 11726), (178, 11753), (184, 11780), (205, 11864), (230, 11954), (236, 11999), (238, 12005), (244, 12038), (254, 12074),

Gene: Kalb97_18 Start: 11608, Stop: 12606, Start Num: 10
Candidate Starts for Kalb97_18:
(Start: 10 @11608 has 117 MA's), (56, 11749), (90, 11869), (99, 11908), (106, 11941), (158, 12139), (178, 12208), (184, 12235), (204, 12316), (230, 12409), (236, 12454), (238, 12460), (244, 12493), (254, 12529), (260, 12553),

Gene: Kale_6 Start: 4724, Stop: 5650, Start Num: 25
Candidate Starts for Kale_6:
(Start: 25 @4724 has 441 MA's), (56, 4841), (60, 4862), (73, 4898), (93, 4991), (94, 4997), (96, 5003), (110, 5063), (128, 5147), (166, 5261), (204, 5387), (224, 5453), (239, 5537), (245, 5564), (269, 5639),

Gene: Kalnoky_18 Start: 11610, Stop: 12608, Start Num: 10
Candidate Starts for Kalnoky_18:
(Start: 10 @11610 has 117 MA's), (56, 11751), (90, 11871), (99, 11910), (106, 11943), (158, 12141), (178, 12210), (184, 12237), (204, 12318), (230, 12411), (236, 12456), (238, 12462), (244, 12495), (254, 12531), (260, 12555),

Gene: Kalpine_19 Start: 13947, Stop: 14903, Start Num: 8
Candidate Starts for Kalpine_19:
(Start: 8 @13947 has 530 MA's), (35, 14007), (50, 14076), (56, 14103), (75, 14145), (81, 14175), (84, 14199), (95, 14244), (106, 14295), (110, 14307), (114, 14325), (143, 14430), (151, 14457), (172, 14529), (196, 14631), (222, 14688), (224, 14706), (230, 14742), (240, 14793),

Gene: Kamaru_7 Start: 4901, Stop: 5842, Start Num: 34
Candidate Starts for Kamaru_7:
(Start: 34 @4901 has 110 MA's), (68, 5036), (86, 5117), (91, 5138), (106, 5213), (135, 5339), (193, 5540), (198, 5558), (207, 5591), (226, 5675), (261, 5813),

Gene: Kampy_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for Kampy_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: Kanely_16 Start: 12174, Stop: 13175, Start Num: 8
Candidate Starts for Kanely_16:
(Start: 8 @12174 has 530 MA's), (52, 12318), (62, 12369), (69, 12384), (96, 12504), (100, 12525), (118, 12600), (131, 12660), (155, 12744), (162, 12762), (184, 12846), (221, 12966), (230, 13023), (240, 13062), (241, 13068),

Gene: KannH_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for KannH_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Kareem_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Kareem_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Karkharias_6 Start: 5552, Stop: 6535, Start Num: 12
Candidate Starts for Karkharias_6:
(Start: 12 @5552 has 10 MA's), (20, 5576), (44, 5654), (73, 5768), (102, 5888), (107, 5909), (118, 5954), (197, 6239), (201, 6251), (221, 6305), (239, 6425),

Gene: Kasen3_7 Start: 7104, Stop: 8039, Start Num: 34
Candidate Starts for Kasen3_7:
(Start: 34 @7104 has 110 MA's), (47, 7161), (48, 7164), (49, 7176), (77, 7275), (86, 7323), (94, 7356), (103, 7407), (124, 7500), (202, 7779), (214, 7818), (260, 8013),

Gene: KatChan_8 Start: 5187, Stop: 6140, Start Num: 25
Candidate Starts for KatChan_8:
(Start: 25 @5187 has 441 MA's), (55, 5298), (56, 5304), (60, 5325), (61, 5331), (73, 5361), (110, 5526), (118, 5562), (135, 5640), (158, 5715), (220, 5910), (239, 6018), (240, 6021), (263, 6111),

Gene: Katalie136_15 Start: 11491, Stop: 12423, Start Num: 8
Candidate Starts for Katalie136_15:
(Start: 8 @11491 has 530 MA's), (35, 11551), (56, 11647), (60, 11662), (81, 11719), (84, 11743), (106, 11839), (126, 11923), (174, 12067), (184, 12109), (230, 12271), (233, 12304), (249, 12358), (258, 12391),

Gene: KatherineG_18 Start: 11417, Stop: 12367, Start Num: 8
Candidate Starts for KatherineG_18:
(Start: 8 @11417 has 530 MA's), (35, 11477), (56, 11573), (81, 11645), (84, 11669), (95, 11714), (106, 11765), (114, 11795), (225, 12173), (249, 12293), (260, 12338),

Gene: Kauala_6 Start: 4718, Stop: 5671, Start Num: 25
Candidate Starts for Kauala_6:
(Start: 25 @4718 has 441 MA's), (55, 4829), (56, 4835), (60, 4856), (73, 4892), (80, 4925), (83, 4943), (120, 5105), (158, 5240), (229, 5489), (239, 5543), (240, 5546), (245, 5570),

Gene: Kavo_8 Start: 5405, Stop: 6400, Start Num: 25
Candidate Starts for Kavo_8:
(Start: 25 @5405 has 441 MA's), (55, 5516), (56, 5522), (60, 5543), (93, 5672), (94, 5678), (96, 5684), (103, 5720), (110, 5744), (115, 5765), (118, 5780), (165, 5954), (217, 6119), (222, 6134), (239, 6248), (240, 6251),

Gene: KayGee_8 Start: 5097, Stop: 6056, Start Num: 17
Candidate Starts for KayGee_8:
(Start: 17 @5097 has 90 MA's), (37, 5148), (66, 5277), (87, 5364), (97, 5406), (99, 5415), (110, 5460), (128, 5544), (155, 5640), (170, 5697), (187, 5751), (196, 5787), (256, 6000), (260, 6018), (278, 6048),

Gene: KayMoney_6 Start: 5552, Stop: 6535, Start Num: 12
Candidate Starts for KayMoney_6:
(Start: 12 @5552 has 10 MA's), (20, 5576), (44, 5654), (73, 5768), (102, 5888), (107, 5909), (118, 5954), (201, 6251), (221, 6305), (239, 6425),

Gene: Kazan_19 Start: 12246, Stop: 13217, Start Num: 7
Candidate Starts for Kazan_19:
(Start: 7 @12246 has 80 MA's), (35, 12306), (56, 12402), (75, 12444), (81, 12474), (84, 12498), (95, 12543), (106, 12594), (110, 12606), (114, 12624), (147, 12729), (196, 12915), (260, 13188),

Gene: Keelan_37 Start: 14299, Stop: 15273, Start Num: 25
Candidate Starts for Keelan_37:
(Start: 25 @14299 has 441 MA's), (47, 14371), (50, 14389), (56, 14416), (109, 14632), (157, 14818), (186, 14926), (191, 14953), (196, 14974), (209, 15022), (223, 15055), (224, 15070), (239, 15154), (240, 15157), (249, 15193),

Gene: Keiki_6 Start: 4648, Stop: 5595, Start Num: 32
Candidate Starts for Keiki_6:
(Start: 32 @4648 has 42 MA's), (44, 4696), (53, 4738), (71, 4792), (92, 4894), (99, 4924), (103, 4954), (159, 5161), (165, 5185), (174, 5221), (183, 5257), (189, 5284), (206, 5344), (222, 5374), (241, 5467), (246, 5488), (251, 5506), (263, 5548),

Gene: KekoraPapaka_14 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for KekoraPapaka_14:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: KellyGreen_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for KellyGreen_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Kenmech_18 Start: 12679, Stop: 13695, Start Num: 8
Candidate Starts for Kenmech_18:
(Start: 8 @12679 has 530 MA's), (62, 12874), (69, 12889), (75, 12904), (88, 12976), (96, 13009), (100, 13030), (118, 13105), (131, 13165), (184, 13351), (229, 13522), (230, 13528), (241, 13585), (250, 13621),

Gene: Kenna_7 Start: 4897, Stop: 5835, Start Num: 34
Candidate Starts for Kenna_7:
(Start: 34 @4897 has 110 MA's), (44, 4939), (45, 4942), (68, 5032), (91, 5134), (105, 5206), (106, 5209), (154, 5398), (198, 5551), (202, 5563), (218, 5626), (228, 5680), (256, 5785), (261, 5806),

Gene: Kerberos_19 Start: 12087, Stop: 13043, Start Num: 7
Candidate Starts for Kerberos_19:
(Start: 7 @12087 has 80 MA's), (35, 12147), (55, 12237), (56, 12243), (75, 12285), (81, 12315), (84, 12339), (95, 12384), (106, 12435), (110, 12447), (114, 12465), (119, 12486), (147, 12573), (151,

12585), (152, 12591), (158, 12612), (205, 12792), (222, 12816), (230, 12870), (267, 13017),

Gene: Keshu_12 Start: 7945, Stop: 8868, Start Num: 25
Candidate Starts for Keshu_12:
(Start: 25 @7945 has 441 MA's), (50, 8035), (56, 8062), (61, 8089), (96, 8221), (103, 8257), (109, 8278), (118, 8317), (183, 8557), (224, 8659), (226, 8671), (229, 8689), (239, 8755), (264, 8845),

Gene: Keziacharles14_15 Start: 10993, Stop: 11961, Start Num: 8
Candidate Starts for Keziacharles14_15:
(Start: 8 @10993 has 530 MA's), (19, 11017), (35, 11053), (56, 11149), (81, 11221), (84, 11245), (106, 11341), (110, 11353), (114, 11371), (143, 11476),

Gene: KiSi_12 Start: 6805, Stop: 7728, Start Num: 25
Candidate Starts for KiSi_12:
(Start: 25 @6805 has 441 MA's), (55, 6916), (56, 6922), (61, 6949), (93, 7069), (96, 7081), (98, 7093), (102, 7111), (119, 7180), (124, 7210), (128, 7225), (136, 7255), (150, 7294), (161, 7330), (226, 7531), (239, 7615), (240, 7618), (248, 7651), (255, 7675),

Gene: KikiBouba_16 Start: 12145, Stop: 13152, Start Num: 8
Candidate Starts for KikiBouba_16:
(Start: 8 @12145 has 530 MA's), (52, 12289), (62, 12340), (69, 12355), (96, 12475), (100, 12496), (118, 12571), (131, 12631), (155, 12715), (162, 12733), (184, 12817), (230, 12994), (240, 13033), (241, 13039),

Gene: Killigrew_13 Start: 11039, Stop: 12049, Start Num: 8
Candidate Starts for Killigrew_13:
(Start: 8 @11039 has 530 MA's), (52, 11183), (62, 11234), (69, 11249), (96, 11369), (100, 11390), (118, 11465), (131, 11525), (146, 11576), (155, 11609), (162, 11627), (184, 11711), (229, 11882), (230, 11888), (234, 11921), (241, 11942), (254, 11993),

Gene: Kimba_16 Start: 12751, Stop: 13740, Start Num: 7
Candidate Starts for Kimba_16:
(Start: 7 @12751 has 80 MA's), (35, 12811), (43, 12841), (55, 12901), (56, 12907), (75, 12949), (81, 12979), (84, 13003), (95, 13048), (106, 13099), (110, 13111), (114, 13129), (132, 13213), (147, 13249), (151, 13261), (158, 13288), (230, 13546), (253, 13651),

Gene: Kimberlium_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Kimberlium_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (55, 5119), (56, 5125), (65, 5164), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Kimona_12 Start: 8892, Stop: 9875, Start Num: 8
Candidate Starts for Kimona_12:
(Start: 8 @8892 has 530 MA's), (50, 9021), (56, 9048), (60, 9063), (75, 9090), (81, 9120), (106, 9240), (152, 9411), (158, 9432), (184, 9528), (190, 9552), (200, 9594), (218, 9636), (222, 9648), (230, 9702), (249, 9789),

Gene: KingCyrus_18 Start: 12560, Stop: 13516, Start Num: 8
Candidate Starts for KingCyrus_18:
(Start: 8 @12560 has 530 MA's), (35, 12620), (46, 12668), (56, 12716), (75, 12758), (81, 12788), (84, 12812), (95, 12857), (106, 12908), (114, 12938), (143, 13043), (151, 13070), (158, 13097), (172, 13142), (222, 13301), (224, 13319), (230, 13355), (240, 13406),

Gene: KingJulien_6 Start: 4705, Stop: 5697, Start Num: 25
Candidate Starts for KingJulien_6:
(Start: 25 @4705 has 441 MA's), (56, 4822), (73, 4879), (91, 4966), (115, 5065), (158, 5233), (165, 5254), (166, 5260), (220, 5428), (224, 5452), (228, 5476), (239, 5548), (240, 5551),

Gene: Kingmustik0402_15 Start: 11471, Stop: 12403, Start Num: 8
Candidate Starts for Kingmustik0402_15:
(Start: 8 @11471 has 530 MA's), (35, 11531), (56, 11627), (81, 11699), (84, 11723), (106, 11819), (126, 11903), (174, 12047), (184, 12089), (230, 12251), (233, 12284), (240, 12302), (249, 12338), (258, 12371),

Gene: Kingsley_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Kingsley_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (232, 5775), (239, 5805), (242, 5820), (248, 5841),

Gene: Kinmap_15 Start: 12025, Stop: 12972, Start Num: 13
Candidate Starts for Kinmap_15:
(Start: 13 @12025 has 9 MA's), (35, 12076), (56, 12172), (60, 12187), (75, 12214), (81, 12244), (95, 12313), (106, 12364), (131, 12469), (143, 12499), (184, 12649), (222, 12757), (240, 12862),

Gene: Kipper29_19 Start: 12240, Stop: 13211, Start Num: 7
Candidate Starts for Kipper29_19:
(Start: 7 @12240 has 80 MA's), (35, 12300), (56, 12396), (75, 12438), (81, 12468), (84, 12492), (95, 12537), (106, 12588), (110, 12600), (114, 12618), (147, 12723), (196, 12909), (260, 13182),

Gene: KittenMittens_14 Start: 9362, Stop: 10294, Start Num: 8
Candidate Starts for KittenMittens_14:
(Start: 8 @9362 has 530 MA's), (35, 9422), (52, 9500), (56, 9518), (60, 9533), (75, 9560), (81, 9590), (84, 9614), (95, 9659), (106, 9710), (152, 9860), (156, 9875), (171, 9923), (184, 9977), (240, 10190), (249, 10226), (253, 10244), (258, 10259),

Gene: Klimt_6 Start: 4709, Stop: 5635, Start Num: 24
Candidate Starts for Klimt_6:
(Start: 24 @4709 has 17 MA's), (56, 4826), (60, 4847), (73, 4883), (93, 4976), (94, 4982), (96, 4988), (110, 5048), (128, 5132), (166, 5246), (204, 5372), (219, 5411), (224, 5438), (239, 5522), (245, 5549), (269, 5624),

Gene: Klodlith_16 Start: 11056, Stop: 12024, Start Num: 8
Candidate Starts for Klodlith_16:
(Start: 8 @11056 has 530 MA's), (35, 11116), (56, 11212), (75, 11254), (81, 11284), (84, 11308), (95, 11353), (106, 11404), (114, 11434), (158, 11593), (184, 11689),

Gene: Knox_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Knox_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Koan_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Koan_15:

(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Koduck_17 Start: 11343, Stop: 12323, Start Num: 3
Candidate Starts for Koduck_17:
(Start: 3 @11343 has 3 MA's), (Start: 18 @11382 has 40 MA's), (35, 11418), (56, 11514), (75, 11556), (81, 11586), (84, 11610), (95, 11655), (106, 11706), (114, 11736), (132, 11820), (157, 11895), (196, 12045), (230, 12156), (267, 12303),

Gene: Koji_6 Start: 4718, Stop: 5686, Start Num: 25
Candidate Starts for Koji_6:
(Start: 25 @4718 has 441 MA's), (55, 4829), (56, 4835), (60, 4856), (73, 4892), (83, 4943), (118, 5093), (120, 5105), (158, 5240), (165, 5261), (229, 5489), (239, 5543), (240, 5546),

Gene: Koko_19 Start: 12235, Stop: 13206, Start Num: 7
Candidate Starts for Koko_19:
(Start: 7 @12235 has 80 MA's), (35, 12295), (56, 12391), (75, 12433), (81, 12463), (84, 12487), (95, 12532), (106, 12583), (110, 12595), (114, 12613), (147, 12718), (196, 12904),

Gene: Koreni_14 Start: 11128, Stop: 12060, Start Num: 8
Candidate Starts for Koreni_14:
(Start: 8 @11128 has 530 MA's), (35, 11188), (56, 11284), (81, 11356), (84, 11380), (106, 11476), (126, 11560), (174, 11704), (184, 11746), (230, 11908), (233, 11941), (240, 11959), (249, 11995), (258, 12028),

Gene: Kouch_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Kouch_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Kratark_15 Start: 11474, Stop: 12406, Start Num: 8
Candidate Starts for Kratark_15:
(Start: 8 @11474 has 530 MA's), (35, 11534), (56, 11630), (81, 11702), (84, 11726), (106, 11822), (114, 11852), (126, 11906), (174, 12050), (184, 12092), (230, 12254), (233, 12287), (240, 12305), (249, 12341), (258, 12374),

Gene: Kratio_10 Start: 7731, Stop: 8651, Start Num: 25
Candidate Starts for Kratio_10:
(Start: 25 @7731 has 441 MA's), (56, 7848), (61, 7875), (80, 7935), (87, 7971), (89, 7977), (96, 8007), (103, 8043), (119, 8106), (124, 8136), (239, 8541), (240, 8544), (248, 8577), (255, 8601),

Gene: Kraw_14 Start: 9084, Stop: 10013, Start Num: 25
Candidate Starts for Kraw_14:
(Start: 25 @9084 has 441 MA's), (50, 9174), (55, 9195), (56, 9201), (61, 9228), (80, 9288), (102, 9390), (103, 9396), (118, 9456), (128, 9504), (131, 9516), (150, 9573), (168, 9636), (175, 9663), (213, 9756), (226, 9810), (229, 9828), (239, 9894), (248, 9930), (255, 9954),

Gene: Kremtemulon_15 Start: 11527, Stop: 12459, Start Num: 8
Candidate Starts for Kremtemulon_15:
(Start: 8 @11527 has 530 MA's), (35, 11587), (56, 11683), (81, 11755), (84, 11779), (106, 11875), (114, 11905), (126, 11959), (174, 12103), (184, 12145), (230, 12307), (233, 12340), (240, 12358), (249, 12394), (258, 12427),

Gene: Krishelle_12 Start: 7716, Stop: 8618, Start Num: 18
Candidate Starts for Krishelle_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (178, 8292), (192, 8352), (200, 8385),

Gene: Kristoff_16 Start: 11433, Stop: 12371, Start Num: 8
Candidate Starts for Kristoff_16:
(Start: 8 @11433 has 530 MA's), (35, 11493), (52, 11571), (56, 11589), (60, 11604), (75, 11631), (81, 11661), (84, 11685), (106, 11781), (110, 11793), (114, 11811), (131, 11886), (141, 11907), (184, 12048), (189, 12069), (225, 12177), (230, 12210), (240, 12261), (249, 12297),

Gene: Krueger_12 Start: 6865, Stop: 7788, Start Num: 25
Candidate Starts for Krueger_12:
(Start: 25 @6865 has 441 MA's), (56, 6982), (61, 7009), (93, 7129), (96, 7141), (98, 7153), (221, 7558), (226, 7591), (229, 7609), (239, 7675), (240, 7678), (248, 7711), (255, 7735), (263, 7762),

Gene: Kubed_6 Start: 4642, Stop: 5589, Start Num: 32
Candidate Starts for Kubed_6:
(Start: 31 @4639 has 3 MA's), (Start: 32 @4642 has 42 MA's), (44, 4690), (53, 4732), (63, 4774), (92, 4888), (99, 4918), (103, 4948), (116, 4999), (129, 5062), (148, 5122), (159, 5155), (165, 5179), (174, 5215), (183, 5251), (189, 5278), (206, 5338), (222, 5368), (246, 5482), (251, 5500), (253, 5509), (263, 5542),

Gene: Kugel_16 Start: 11675, Stop: 12868, Start Num: 14
Candidate Starts for Kugel_16:
(Start: 14 @11675 has 5 MA's), (35, 11723), (41, 11747), (56, 11819), (81, 11891), (84, 11915), (88, 11930), (106, 12011), (114, 12041), (154, 12167), (178, 12248), (184, 12275), (219, 12374), (258, 12557), (260, 12569), (280, 12701), (282, 12734), (284, 12755), (286, 12788),

Gene: Kurt1_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Kurt1_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: KyMonks1A_17 Start: 11909, Stop: 12907, Start Num: 8
Candidate Starts for KyMonks1A_17:
(Start: 8 @11909 has 530 MA's), (52, 12053), (62, 12104), (69, 12119), (96, 12239), (100, 12260), (118, 12335), (131, 12395), (155, 12479), (162, 12497), (184, 12581), (221, 12701), (230, 12758), (240, 12797), (241, 12803),

Gene: Kyee_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for Kyee_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: Kykar_13 Start: 11172, Stop: 12365, Start Num: 14
Candidate Starts for Kykar_13:
(Start: 14 @11172 has 5 MA's), (35, 11220), (41, 11244), (56, 11316), (81, 11388), (84, 11412), (88, 11427), (106, 11508), (114, 11538), (154, 11664), (178, 11745), (184, 11772), (219, 11871), (258, 12054), (260, 12066), (284, 12252), (286, 12285),

Gene: L5_17 Start: 11351, Stop: 12331, Start Num: 3
Candidate Starts for L5_17:
(Start: 3 @11351 has 3 MA's), (Start: 18 @11390 has 40 MA's), (35, 11426), (56, 11522), (75, 11564), (81, 11594), (84, 11618), (95, 11663), (106, 11714), (114, 11744), (132, 11828), (157, 11903), (196, 12053), (230, 12164), (267, 12311),

Gene: LBerry_17 Start: 11539, Stop: 12531, Start Num: 10
Candidate Starts for LBerry_17:
(Start: 10 @11539 has 117 MA's), (56, 11680), (90, 11800), (99, 11839), (106, 11872), (131, 11983), (158, 12070), (184, 12166), (204, 12247), (218, 12274), (222, 12286), (230, 12340), (236, 12385), (238, 12391), (244, 12424), (254, 12460), (260, 12484),

Gene: LHTSCC_15 Start: 11457, Stop: 12389, Start Num: 8
Candidate Starts for LHTSCC_15:
(Start: 8 @11457 has 530 MA's), (35, 11517), (56, 11613), (60, 11628), (81, 11685), (84, 11709), (106, 11805), (114, 11835), (126, 11889), (174, 12033), (184, 12075), (230, 12237), (233, 12270), (240, 12288), (249, 12324), (258, 12357),

Gene: LadyBird_16 Start: 12129, Stop: 13085, Start Num: 8
Candidate Starts for LadyBird_16:
(Start: 8 @12129 has 530 MA's), (19, 12153), (35, 12189), (56, 12285), (75, 12327), (81, 12357), (84, 12381), (95, 12426), (106, 12477), (110, 12489), (120, 12537), (151, 12639), (230, 12924), (240, 12975),

Gene: Lambert1_16 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for Lambert1_16:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Lamina13_15 Start: 11185, Stop: 12183, Start Num: 8
Candidate Starts for Lamina13_15:
(Start: 8 @11185 has 530 MA's), (52, 11329), (62, 11380), (69, 11395), (96, 11515), (100, 11536), (118, 11611), (131, 11671), (162, 11773), (184, 11857), (221, 11977), (230, 12034), (240, 12073), (241, 12079),

Gene: Landor_17 Start: 13903, Stop: 14859, Start Num: 8
Candidate Starts for Landor_17:
(Start: 8 @13903 has 530 MA's), (35, 13963), (50, 14032), (56, 14059), (75, 14101), (81, 14131), (84, 14155), (95, 14200), (106, 14251), (114, 14281), (151, 14413), (168, 14470), (222, 14644), (230, 14698),

Gene: LappelDuVide_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for LappelDuVide_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Larenn_17 Start: 12444, Stop: 13400, Start Num: 8
Candidate Starts for Larenn_17:
(Start: 8 @12444 has 530 MA's), (35, 12504), (50, 12573), (56, 12600), (75, 12642), (81, 12672), (84, 12696), (95, 12741), (106, 12792), (143, 12927), (151, 12954), (158, 12981), (172, 13026), (222, 13185), (224, 13203), (230, 13239), (240, 13290),

Gene: LarryKay_17 Start: 11625, Stop: 12617, Start Num: 10
Candidate Starts for LarryKay_17:
(Start: 10 @11625 has 117 MA's), (56, 11766), (90, 11886), (99, 11925), (106, 11958), (131, 12069), (158, 12156), (184, 12252), (204, 12333), (218, 12360), (222, 12372), (230, 12426), (236, 12471), (238, 12477), (244, 12510), (254, 12546), (260, 12570),

Gene: Larva_11 Start: 7861, Stop: 8793, Start Num: 25
Candidate Starts for Larva_11:
(Start: 25 @7861 has 441 MA's), (56, 7978), (61, 8005), (80, 8065), (87, 8101), (89, 8107), (96, 8137), (103, 8173), (119, 8236), (124, 8266), (239, 8671), (240, 8674), (255, 8731),

Gene: LastHope_13 Start: 6959, Stop: 7888, Start Num: 25
Candidate Starts for LastHope_13:
(Start: 25 @6959 has 441 MA's), (50, 7049), (56, 7076), (80, 7163), (93, 7223), (96, 7235), (98, 7247), (131, 7391), (139, 7418), (150, 7448), (221, 7652), (226, 7685), (239, 7769), (240, 7772), (248, 7805), (255, 7829), (269, 7871),

Gene: LastNadiia_11 Start: 7869, Stop: 8780, Start Num: 18
Candidate Starts for LastNadiia_11:
(Start: 18 @7869 has 40 MA's), (88, 8106), (95, 8136), (104, 8178), (158, 8364), (172, 8409), (174, 8418), (245, 8700), (255, 8736),

Gene: LastResort_18 Start: 11295, Stop: 12245, Start Num: 8
Candidate Starts for LastResort_18:
(Start: 8 @11295 has 530 MA's), (35, 11355), (56, 11451), (81, 11523), (84, 11547), (95, 11592), (106, 11643), (114, 11673), (225, 12051), (249, 12171), (260, 12216),

Gene: LaterM_13 Start: 7898, Stop: 8833, Start Num: 25
Candidate Starts for LaterM_13:
(Start: 25 @7898 has 441 MA's), (50, 7988), (56, 8015), (83, 8120), (93, 8162), (96, 8174), (98, 8186), (119, 8273), (150, 8387), (219, 8585), (226, 8624), (229, 8642), (239, 8708), (240, 8711), (248, 8744), (255, 8768), (269, 8810),

Gene: Lauchelly_6 Start: 4637, Stop: 5584, Start Num: 32
Candidate Starts for Lauchelly_6:
(Start: 32 @4637 has 42 MA's), (44, 4685), (52, 4724), (63, 4769), (71, 4781), (92, 4883), (99, 4913), (103, 4943), (122, 5036), (129, 5057), (159, 5150), (171, 5198), (174, 5210), (183, 5246), (206, 5333), (218, 5351), (246, 5477), (253, 5504), (263, 5537),

Gene: Lauer_7 Start: 5150, Stop: 6109, Start Num: 17
Candidate Starts for Lauer_7:
(Start: 17 @5150 has 90 MA's), (37, 5201), (66, 5330), (87, 5417), (97, 5459), (99, 5468), (110, 5513), (128, 5597), (155, 5693), (170, 5750), (187, 5804), (196, 5840), (256, 6053), (260, 6071),

Gene: Lavahound_11 Start: 7569, Stop: 8492, Start Num: 25
Candidate Starts for Lavahound_11:
(Start: 25 @7569 has 441 MA's), (44, 7629), (50, 7659), (56, 7686), (61, 7713), (80, 7773), (96, 7845), (98, 7857), (109, 7902), (124, 7974), (144, 8037), (177, 8157), (224, 8283), (226, 8295), (229, 8313), (239, 8379), (240, 8382), (248, 8415), (255, 8439),

Gene: LeMond_12 Start: 6805, Stop: 7728, Start Num: 25
Candidate Starts for LeMond_12:

(Start: 25 @6805 has 441 MA's), (55, 6916), (56, 6922), (61, 6949), (93, 7069), (96, 7081), (98, 7093), (102, 7111), (119, 7180), (124, 7210), (128, 7225), (136, 7255), (150, 7294), (161, 7330), (226, 7531), (239, 7615), (240, 7618), (248, 7651), (255, 7675),

Gene: Lea83_12 Start: 7945, Stop: 8868, Start Num: 25
Candidate Starts for Lea83_12:
(Start: 25 @7945 has 441 MA's), (50, 8035), (56, 8062), (61, 8089), (96, 8221), (103, 8257), (109, 8278), (118, 8317), (131, 8377), (183, 8557), (224, 8659), (226, 8671), (229, 8689), (239, 8755), (264, 8845),

Gene: Leafus_6 Start: 4852, Stop: 5844, Start Num: 25
Candidate Starts for Leafus_6:
(Start: 25 @4852 has 441 MA's), (56, 4969), (73, 5026), (91, 5113), (96, 5131), (115, 5212), (158, 5380), (165, 5401), (166, 5407), (220, 5575), (224, 5599), (228, 5623), (239, 5695), (240, 5698),

Gene: Lebo14_14 Start: 9178, Stop: 10107, Start Num: 25
Candidate Starts for Lebo14_14:
(Start: 25 @9178 has 441 MA's), (50, 9268), (55, 9289), (56, 9295), (61, 9322), (80, 9382), (102, 9484), (103, 9490), (118, 9550), (131, 9610), (150, 9667), (168, 9730), (175, 9757), (213, 9850), (226, 9904), (229, 9922), (239, 9988), (255, 10048),

Gene: Lemur_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Lemur_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (60, 11650), (81, 11707), (84, 11731), (106, 11827), (114, 11857), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Lemuria_7 Start: 6287, Stop: 7213, Start Num: 34
Candidate Starts for Lemuria_7:
(Start: 34 @6287 has 110 MA's), (47, 6344), (48, 6347), (49, 6359), (77, 6458), (86, 6506), (94, 6539), (155, 6794), (202, 6962), (218, 7010), (222, 7022), (241, 7115), (260, 7187), (269, 7205),

Gene: LeoAvram_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for LeoAvram_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Leogania_18 Start: 14303, Stop: 15259, Start Num: 8
Candidate Starts for Leogania_18:
(Start: 8 @14303 has 530 MA's), (35, 14363), (50, 14432), (56, 14459), (75, 14501), (81, 14531), (84, 14555), (95, 14600), (106, 14651), (143, 14786), (151, 14813), (196, 14987), (224, 15062), (230, 15098), (240, 15149),

Gene: Leozinho_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Leozinho_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Leroy_7 Start: 4898, Stop: 5836, Start Num: 34
Candidate Starts for Leroy_7:

(Start: 34 @4898 has 110 MA's), (44, 4940), (45, 4943), (68, 5033), (91, 5135), (105, 5207), (106, 5210), (154, 5399), (198, 5552), (202, 5564), (218, 5627), (228, 5681), (256, 5786), (261, 5807),

Gene: Lesedi_14 Start: 11344, Stop: 12351, Start Num: 8
Candidate Starts for Lesedi_14:
(Start: 8 @11344 has 530 MA's), (52, 11488), (54, 11497), (62, 11539), (69, 11554), (96, 11674), (100, 11695), (118, 11770), (131, 11830), (146, 11881), (162, 11932), (184, 12016), (191, 12046), (229, 12187), (230, 12193), (241, 12241),

Gene: Leston_11 Start: 8085, Stop: 9017, Start Num: 25
Candidate Starts for Leston_11:
(Start: 25 @8085 has 441 MA's), (56, 8202), (61, 8229), (80, 8289), (87, 8325), (89, 8331), (103, 8397), (119, 8460), (168, 8637), (239, 8895), (240, 8898), (248, 8931), (255, 8955),

Gene: Lev2_13 Start: 10620, Stop: 11552, Start Num: 17
Candidate Starts for Lev2_13:
(Start: 17 @10620 has 90 MA's), (56, 10749), (81, 10821), (99, 10908), (106, 10941), (151, 11082), (184, 11205), (190, 11229), (205, 11289), (222, 11328), (225, 11349), (231, 11397), (244, 11454), (254, 11490), (260, 11514),

Gene: Levia_15 Start: 12373, Stop: 13377, Start Num: 8
Candidate Starts for Levia_15:
(Start: 8 @12373 has 530 MA's), (52, 12517), (54, 12526), (62, 12568), (69, 12583), (96, 12703), (100, 12724), (118, 12799), (131, 12859), (162, 12961), (184, 13045), (191, 13075), (221, 13165), (229, 13216), (230, 13222), (241, 13270),

Gene: Leviathan_18 Start: 12617, Stop: 13573, Start Num: 8
Candidate Starts for Leviathan_18:
(Start: 8 @12617 has 530 MA's), (35, 12677), (46, 12725), (50, 12746), (56, 12773), (75, 12815), (81, 12845), (84, 12869), (106, 12965), (110, 12977), (143, 13100), (151, 13127), (158, 13154), (172, 13199), (222, 13358), (224, 13376), (230, 13412), (240, 13463),

Gene: Leviosa_6 Start: 4642, Stop: 5604, Start Num: 32
Candidate Starts for Leviosa_6:
(Start: 31 @4639 has 3 MA's), (Start: 32 @4642 has 42 MA's), (44, 4690), (53, 4732), (71, 4786), (92, 4888), (99, 4918), (103, 4948), (129, 5062), (153, 5137), (159, 5155), (183, 5251), (206, 5338), (241, 5461), (246, 5482), (253, 5509), (263, 5542),

Gene: Librie_8 Start: 5185, Stop: 6165, Start Num: 25
Candidate Starts for Librie_8:
(Start: 25 @5185 has 441 MA's), (55, 5296), (56, 5302), (60, 5323), (73, 5359), (94, 5458), (103, 5500), (110, 5524), (136, 5641), (157, 5710), (158, 5713), (217, 5899), (222, 5914), (224, 5932), (239, 6016), (240, 6019), (279, 6160),

Gene: Licorice_17 Start: 12202, Stop: 13221, Start Num: 8
Candidate Starts for Licorice_17:
(Start: 8 @12202 has 530 MA's), (62, 12397), (69, 12412), (75, 12427), (88, 12499), (96, 12532), (100, 12553), (118, 12628), (131, 12688), (184, 12874), (229, 13045), (230, 13051), (241, 13108), (250, 13144),

Gene: Liefie_7 Start: 7102, Stop: 8037, Start Num: 34
Candidate Starts for Liefie_7:

(Start: 34 @7102 has 110 MA's), (47, 7159), (48, 7162), (49, 7174), (77, 7273), (86, 7321), (94, 7354), (103, 7405), (124, 7498), (202, 7777), (214, 7816), (260, 8011),

Gene: LilBandit_6 Start: 4638, Stop: 5588, Start Num: 31
Candidate Starts for LilBandit_6:
(Start: 31 @4638 has 3 MA's), (Start: 32 @4641 has 42 MA's), (44, 4689), (53, 4731), (71, 4785), (92, 4887), (99, 4917), (103, 4947), (116, 4998), (129, 5061), (159, 5154), (165, 5178), (174, 5214), (183, 5250), (189, 5277), (195, 5295), (206, 5337), (222, 5367), (241, 5460), (246, 5481), (251, 5499), (253, 5508), (263, 5541),

Gene: LilBib_16 Start: 12144, Stop: 13151, Start Num: 8
Candidate Starts for LilBib_16:
(Start: 8 @12144 has 530 MA's), (69, 12354), (96, 12474), (100, 12495), (118, 12570), (131, 12630), (155, 12714), (162, 12732), (184, 12816), (230, 12993), (240, 13032), (241, 13038),

Gene: LilDirt_10 Start: 7861, Stop: 8781, Start Num: 25
Candidate Starts for LilDirt_10:
(Start: 25 @7861 has 441 MA's), (56, 7978), (61, 8005), (80, 8065), (87, 8101), (89, 8107), (96, 8137), (103, 8173), (119, 8236), (124, 8266), (239, 8671), (240, 8674), (248, 8707), (255, 8731),

Gene: LilPharaoh_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for LilPharaoh_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: LilTerminator_8 Start: 5197, Stop: 6177, Start Num: 25
Candidate Starts for LilTerminator_8:
(Start: 25 @5197 has 441 MA's), (55, 5308), (56, 5314), (60, 5335), (94, 5470), (103, 5512), (110, 5536), (136, 5653), (157, 5722), (158, 5725), (217, 5911), (222, 5926), (224, 5944), (239, 6028), (240, 6031), (279, 6172),

Gene: LilTurb_18 Start: 12644, Stop: 13600, Start Num: 8
Candidate Starts for LilTurb_18:
(Start: 8 @12644 has 530 MA's), (35, 12704), (46, 12752), (50, 12773), (56, 12800), (75, 12842), (81, 12872), (84, 12896), (106, 12992), (110, 13004), (143, 13127), (151, 13154), (158, 13181), (172, 13226), (222, 13385), (224, 13403), (230, 13439), (240, 13490),

Gene: Lilbunny_19 Start: 12216, Stop: 13187, Start Num: 7
Candidate Starts for Lilbunny_19:
(Start: 7 @12216 has 80 MA's), (35, 12276), (56, 12372), (75, 12414), (81, 12444), (84, 12468), (95, 12513), (106, 12564), (110, 12576), (114, 12594), (147, 12699), (196, 12885), (260, 13158),

Gene: Lilith_17 Start: 11532, Stop: 12524, Start Num: 10
Candidate Starts for Lilith_17:
(Start: 10 @11532 has 117 MA's), (56, 11673), (90, 11793), (99, 11832), (106, 11865), (131, 11976), (158, 12063), (184, 12159), (204, 12240), (218, 12267), (222, 12279), (230, 12333), (236, 12378), (238, 12384), (244, 12417), (254, 12453), (260, 12477),

Gene: Lilleskat_15 Start: 12848, Stop: 13807, Start Num: 8
Candidate Starts for Lilleskat_15:
(Start: 8 @12848 has 530 MA's), (35, 12908), (55, 12998), (56, 13004), (75, 13046), (81, 13076), (84, 13100), (95, 13145), (106, 13196), (110, 13208), (114, 13226), (147, 13349), (151, 13361), (222,

13592), (240, 13697),

Gene: Lillie_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Lillie_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: LilyBell_6 Start: 5567, Stop: 6550, Start Num: 12
Candidate Starts for LilyBell_6:
(Start: 12 @5567 has 10 MA's), (20, 5591), (44, 5669), (73, 5783), (102, 5903), (107, 5924), (118, 5969), (197, 6254), (201, 6266), (221, 6320), (239, 6440),

Gene: LindNT_13 Start: 7898, Stop: 8833, Start Num: 25
Candidate Starts for LindNT_13:
(Start: 25 @7898 has 441 MA's), (50, 7988), (56, 8015), (93, 8162), (96, 8174), (98, 8186), (119, 8273), (150, 8387), (219, 8585), (226, 8624), (229, 8642), (239, 8708), (240, 8711), (248, 8744), (255, 8768), (269, 8810),

Gene: LionsBait_17 Start: 13914, Stop: 14870, Start Num: 8
Candidate Starts for LionsBait_17:
(Start: 8 @13914 has 530 MA's), (35, 13974), (50, 14043), (56, 14070), (75, 14112), (81, 14142), (84, 14166), (95, 14211), (106, 14262), (110, 14274), (120, 14322), (143, 14397), (151, 14424), (168, 14481), (230, 14709), (240, 14760),

Gene: LitninMcQueen_7 Start: 4901, Stop: 5842, Start Num: 34
Candidate Starts for LitninMcQueen_7:
(Start: 34 @4901 has 110 MA's), (68, 5036), (86, 5117), (91, 5138), (106, 5213), (135, 5339), (193, 5540), (198, 5558), (207, 5591), (226, 5675), (261, 5813),

Gene: LittleB_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for LittleB_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (114, 11857), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: LittleCherry_13 Start: 10800, Stop: 11732, Start Num: 17
Candidate Starts for LittleCherry_13:
(Start: 17 @10800 has 90 MA's), (56, 10929), (75, 10971), (81, 11001), (99, 11088), (106, 11121), (184, 11385), (190, 11409), (205, 11469), (222, 11508), (225, 11529), (231, 11577), (244, 11634), (254, 11670), (260, 11694),

Gene: LittleGuy_15 Start: 11425, Stop: 12357, Start Num: 8
Candidate Starts for LittleGuy_15:
(Start: 8 @11425 has 530 MA's), (35, 11485), (56, 11581), (81, 11653), (84, 11677), (106, 11773), (114, 11803), (126, 11857), (174, 12001), (184, 12043), (230, 12205), (233, 12238), (240, 12256), (249, 12292), (258, 12325),

Gene: LittleRon_6 Start: 5552, Stop: 6535, Start Num: 12
Candidate Starts for LittleRon_6:
(Start: 12 @5552 has 10 MA's), (20, 5576), (44, 5654), (73, 5768), (102, 5888), (107, 5909), (118, 5954), (197, 6239), (201, 6251), (221, 6305), (239, 6425),

Gene: LittleShirley_7 Start: 5008, Stop: 5916, Start Num: 25

Candidate Starts for LittleShirley_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Llorens_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Llorens_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: LochMonster_15 Start: 11454, Stop: 12386, Start Num: 8
Candidate Starts for LochMonster_15:
(Start: 8 @11454 has 530 MA's), (35, 11514), (56, 11610), (81, 11682), (84, 11706), (106, 11802), (114, 11832), (126, 11886), (174, 12030), (184, 12072), (230, 12234), (233, 12267), (240, 12285), (249, 12321), (258, 12354),

Gene: Lockley_15 Start: 11523, Stop: 12521, Start Num: 8
Candidate Starts for Lockley_15:
(Start: 8 @11523 has 530 MA's), (52, 11667), (62, 11718), (69, 11733), (96, 11853), (100, 11874), (118, 11949), (131, 12009), (162, 12111), (184, 12195), (221, 12315), (230, 12372), (240, 12411), (241, 12417),

Gene: Lokk_19 Start: 13850, Stop: 14797, Start Num: 13
Candidate Starts for Lokk_19:
(Start: 12 @13844 has 10 MA's), (Start: 13 @13850 has 9 MA's), (35, 13901), (46, 13949), (56, 13997), (60, 14012), (75, 14039), (81, 14069), (88, 14108), (106, 14189), (130, 14291), (184, 14474), (219, 14573), (222, 14582), (230, 14636),

Gene: LoneWolf_17 Start: 12688, Stop: 13647, Start Num: 8
Candidate Starts for LoneWolf_17:
(Start: 8 @12688 has 530 MA's), (35, 12748), (55, 12838), (56, 12844), (75, 12886), (81, 12916), (84, 12940), (95, 12985), (106, 13036), (110, 13048), (114, 13066), (120, 13096), (147, 13189), (151, 13201), (222, 13432), (240, 13537),

Gene: LongHai_10 Start: 6753, Stop: 7742, Start Num: 21
Candidate Starts for LongHai_10:
(Start: 21 @6753 has 4 MA's), (43, 6816), (44, 6828), (55, 6879), (56, 6885), (73, 6942), (88, 6999), (94, 7026), (116, 7116), (148, 7233), (150, 7239), (176, 7323), (209, 7443), (225, 7494), (237, 7581), (252, 7644),

Gene: Looper_19 Start: 11295, Stop: 12245, Start Num: 8
Candidate Starts for Looper_19:
(Start: 8 @11295 has 530 MA's), (35, 11355), (56, 11451), (81, 11523), (84, 11547), (95, 11592), (106, 11643), (114, 11673), (225, 12051), (249, 12171), (260, 12216),

Gene: Lopton_16 Start: 12951, Stop: 13952, Start Num: 8
Candidate Starts for Lopton_16:
(Start: 8 @12951 has 530 MA's), (69, 13161), (96, 13281), (100, 13302), (118, 13377), (131, 13437), (155, 13521), (162, 13539), (184, 13623), (230, 13800), (240, 13839), (241, 13845), (264, 13929),

Gene: LordVader_8 Start: 5003, Stop: 5911, Start Num: 25
Candidate Starts for LordVader_8:

(Start: 25 @5003 has 441 MA's), (50, 5093), (51, 5096), (56, 5120), (73, 5177), (80, 5207), (98, 5291), (124, 5408), (164, 5540), (175, 5582), (222, 5699), (223, 5702), (229, 5747), (239, 5801), (242, 5816), (248, 5837),

Gene: Lorde_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Lorde_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Lorenzo_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Lorenzo_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Loser_19 Start: 13935, Stop: 14891, Start Num: 8
Candidate Starts for Loser_19:
(Start: 8 @13935 has 530 MA's), (35, 13995), (50, 14064), (56, 14091), (75, 14133), (81, 14163), (84, 14187), (95, 14232), (106, 14283), (114, 14313), (120, 14343), (158, 14472), (172, 14517), (196, 14619), (224, 14694), (230, 14730), (240, 14781),

Gene: Louie6_17 Start: 11626, Stop: 12618, Start Num: 10
Candidate Starts for Louie6_17:
(Start: 10 @11626 has 117 MA's), (56, 11767), (90, 11887), (99, 11926), (106, 11959), (131, 12070), (158, 12157), (184, 12253), (204, 12334), (218, 12361), (222, 12373), (230, 12427), (236, 12472), (238, 12478), (244, 12511), (254, 12547), (260, 12571),

Gene: LouisV14_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for LouisV14_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Lovelyunicorn_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Lovelyunicorn_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Lowa_17 Start: 11531, Stop: 12523, Start Num: 10
Candidate Starts for Lowa_17:
(Start: 10 @11531 has 117 MA's), (56, 11672), (90, 11792), (99, 11831), (106, 11864), (131, 11975), (158, 12062), (184, 12158), (204, 12239), (218, 12266), (222, 12278), (230, 12332), (236, 12377), (238, 12383), (244, 12416), (254, 12452), (260, 12476),

Gene: Luchador_16 Start: 12226, Stop: 13173, Start Num: 13
Candidate Starts for Luchador_16:
(Start: 13 @12226 has 9 MA's), (35, 12277), (56, 12373), (60, 12388), (75, 12415), (81, 12445), (88, 12484), (95, 12514), (106, 12565), (110, 12577), (143, 12700), (152, 12733), (222, 12958), (230, 13012), (240, 13063),

Gene: Lucia_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Lucia_7:

(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Lucivia_16 Start: 12748, Stop: 13737, Start Num: 7
Candidate Starts for Lucivia_16:
(Start: 7 @12748 has 80 MA's), (35, 12808), (43, 12838), (55, 12898), (56, 12904), (75, 12946), (81, 12976), (84, 13000), (95, 13045), (106, 13096), (110, 13108), (114, 13126), (132, 13210), (147, 13246), (151, 13258), (158, 13285), (230, 13543), (253, 13648),

Gene: Lucky10_6 Start: 4488, Stop: 5390, Start Num: 34
Candidate Starts for Lucky10_6:
(Start: 34 @4488 has 110 MA's), (37, 4494), (53, 4572), (59, 4599), (89, 4713), (93, 4731), (94, 4737), (137, 4932), (195, 5118), (198, 5130), (202, 5142), (218, 5184), (230, 5253), (245, 5310), (251, 5331),

Gene: Lucky3_6 Start: 4803, Stop: 5765, Start Num: 25
Candidate Starts for Lucky3_6:
(Start: 25 @4803 has 441 MA's), (55, 4914), (56, 4920), (60, 4941), (73, 4977), (83, 5028), (118, 5178), (120, 5190), (206, 5484), (229, 5574), (239, 5628), (240, 5631), (245, 5655),

Gene: Lucyedi_17 Start: 12342, Stop: 13298, Start Num: 8
Candidate Starts for Lucyedi_17:
(Start: 8 @12342 has 530 MA's), (35, 12402), (55, 12492), (56, 12498), (75, 12540), (81, 12570), (84, 12594), (95, 12639), (106, 12690), (114, 12720), (126, 12774), (147, 12840), (253, 13242),

Gene: Ludgate_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Ludgate_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (115, 5068), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: LugYA_19 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for LugYA_19:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Luna18_8 Start: 5187, Stop: 6140, Start Num: 25
Candidate Starts for Luna18_8:
(Start: 25 @5187 has 441 MA's), (55, 5298), (56, 5304), (60, 5325), (61, 5331), (73, 5361), (110, 5526), (118, 5562), (135, 5640), (158, 5715), (220, 5910), (239, 6018), (240, 6021), (263, 6111),

Gene: Lunahalos_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Lunahalos_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: LunarLander_15 Start: 11312, Stop: 12316, Start Num: 8
Candidate Starts for LunarLander_15:
(Start: 8 @11312 has 530 MA's), (52, 11456), (54, 11465), (62, 11507), (69, 11522), (96, 11642), (100, 11663), (118, 11738), (131, 11798), (162, 11900), (184, 11984), (191, 12014), (221, 12104), (229, 12155), (230, 12161), (241, 12209),

Gene: Lunsford_16 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Lunsford_16:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (60, 11650), (81, 11707), (84, 11731), (106, 11827), (114, 11857), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Lutum_7 Start: 4897, Stop: 5835, Start Num: 34
Candidate Starts for Lutum_7:
(Start: 34 @4897 has 110 MA's), (44, 4939), (45, 4942), (68, 5032), (91, 5134), (105, 5206), (106, 5209), (154, 5398), (198, 5551), (202, 5563), (218, 5626), (228, 5680), (256, 5785), (261, 5806),

Gene: MA5_15 Start: 10708, Stop: 11679, Start Num: 10
Candidate Starts for MA5_15:
(Start: 10 @10708 has 117 MA's), (56, 10849), (90, 10969), (99, 11008), (106, 11041), (132, 11161), (171, 11278), (184, 11332), (204, 11413), (218, 11440), (230, 11506), (236, 11551), (238, 11557), (244, 11590), (254, 11626),

Gene: MAnor_8 Start: 5091, Stop: 6050, Start Num: 17
Candidate Starts for MAnor_8:
(Start: 17 @5091 has 90 MA's), (37, 5142), (44, 5181), (87, 5358), (97, 5400), (99, 5409), (110, 5454), (128, 5538), (155, 5634), (170, 5691), (187, 5745), (196, 5781), (256, 5994), (260, 6012),

Gene: MCubed_6 Start: 4889, Stop: 5845, Start Num: 25
Candidate Starts for MCubed_6:
(Start: 25 @4889 has 441 MA's), (49, 4976), (56, 5006), (58, 5018), (60, 5027), (80, 5096), (110, 5228), (128, 5312), (158, 5411), (165, 5432), (225, 5633), (239, 5714),

Gene: MEAK_6 Start: 4640, Stop: 5587, Start Num: 32
Candidate Starts for MEAK_6:
(Start: 31 @4637 has 3 MA's), (Start: 32 @4640 has 42 MA's), (44, 4688), (53, 4730), (63, 4772), (71, 4784), (92, 4886), (99, 4916), (104, 4949), (159, 5153), (165, 5177), (174, 5213), (183, 5249), (189, 5276), (206, 5336), (222, 5366), (246, 5480), (253, 5507), (263, 5540),

Gene: MK4_15 Start: 10980, Stop: 11972, Start Num: 10
Candidate Starts for MK4_15:
(Start: 10 @10980 has 117 MA's), (16, 10989), (56, 11121), (90, 11241), (99, 11280), (106, 11313), (131, 11424), (132, 11433), (171, 11550), (184, 11604), (205, 11688), (230, 11778), (238, 11829), (244, 11862), (254, 11898),

Gene: MOOREtheMARYer_7 Start: 7192, Stop: 8094, Start Num: 34
Candidate Starts for MOOREtheMARYer_7:
(Start: 34 @7192 has 110 MA's), (38, 7201), (48, 7249), (86, 7408), (89, 7417), (94, 7441), (103, 7492), (104, 7495), (154, 7681), (161, 7702), (198, 7834), (226, 7933), (230, 7957),

Gene: MPlant7149_14 Start: 11161, Stop: 12162, Start Num: 8
Candidate Starts for MPlant7149_14:
(Start: 8 @11161 has 530 MA's), (69, 11371), (96, 11491), (100, 11512), (118, 11587), (131, 11647), (146, 11698), (147, 11701), (155, 11731), (162, 11749), (184, 11833), (230, 12010), (240, 12049), (241, 12055),

Gene: MScarn_10 Start: 5370, Stop: 6326, Start Num: 17
Candidate Starts for MScarn_10:

(Start: 17 @5370 has 90 MA's), (23, 5385), (37, 5412), (64, 5538), (71, 5547), (86, 5625), (97, 5670), (99, 5679), (110, 5724), (118, 5760), (134, 5835), (187, 6015), (196, 6051), (197, 6054), (204, 6081), (249, 6237), (256, 6264), (260, 6282),

Gene: MZKinsey_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for MZKinsey_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: MaCh_16 Start: 12696, Stop: 13685, Start Num: 7
Candidate Starts for MaCh_16:
(Start: 7 @12696 has 80 MA's), (35, 12756), (43, 12786), (55, 12846), (56, 12852), (75, 12894), (81, 12924), (84, 12948), (95, 12993), (106, 13044), (110, 13056), (114, 13074), (132, 13158), (147, 13194), (151, 13206), (158, 13233), (230, 13491), (253, 13596),

Gene: MaVan_10 Start: 6293, Stop: 7219, Start Num: 28
Candidate Starts for MaVan_10:
(Start: 28 @6293 has 10 MA's), (59, 6428), (88, 6539), (97, 6578), (103, 6608), (110, 6632), (118, 6668), (128, 6716), (134, 6743), (153, 6806), (154, 6809), (155, 6812), (187, 6923), (196, 6959), (202, 6977), (204, 6989), (227, 7058), (229, 7073), (248, 7142), (256, 7172),

Gene: Mabel_16 Start: 12763, Stop: 13752, Start Num: 7
Candidate Starts for Mabel_16:
(Start: 7 @12763 has 80 MA's), (35, 12823), (43, 12853), (55, 12913), (56, 12919), (75, 12961), (81, 12991), (84, 13015), (95, 13060), (106, 13111), (110, 13123), (114, 13141), (132, 13225), (147, 13261), (151, 13273), (158, 13300), (230, 13558), (253, 13663),

Gene: MacKat_13 Start: 7951, Stop: 8886, Start Num: 25
Candidate Starts for MacKat_13:
(Start: 25 @7951 has 441 MA's), (50, 8041), (56, 8068), (93, 8215), (96, 8227), (98, 8239), (119, 8326), (139, 8410), (150, 8440), (219, 8638), (226, 8677), (239, 8761), (240, 8764), (248, 8797), (255, 8821), (269, 8863),

Gene: MacnCheese_13 Start: 8170, Stop: 9093, Start Num: 25
Candidate Starts for MacnCheese_13:
(Start: 25 @8170 has 441 MA's), (50, 8260), (56, 8287), (61, 8314), (96, 8446), (103, 8482), (109, 8503), (118, 8542), (139, 8629), (183, 8782), (226, 8896), (229, 8914), (239, 8980), (248, 9016), (264, 9070),

Gene: Maco6_7 Start: 5705, Stop: 6694, Start Num: 21
Candidate Starts for Maco6_7:
(Start: 21 @5705 has 4 MA's), (44, 5780), (55, 5831), (56, 5837), (73, 5894), (88, 5951), (94, 5978), (116, 6068), (148, 6185), (150, 6191), (176, 6275), (209, 6395), (225, 6446), (237, 6533), (252, 6596),

Gene: MadMarie_17 Start: 11541, Stop: 12533, Start Num: 10
Candidate Starts for MadMarie_17:
(Start: 10 @11541 has 117 MA's), (56, 11682), (90, 11802), (99, 11841), (106, 11874), (131, 11985), (158, 12072), (184, 12168), (204, 12249), (218, 12276), (222, 12288), (230, 12342), (236, 12387), (238, 12393), (244, 12426), (254, 12462), (260, 12486),

Gene: Madiba_7 Start: 5006, Stop: 5914, Start Num: 25
Candidate Starts for Madiba_7:

(Start: 25 @5006 has 441 MA's), (50, 5096), (51, 5099), (56, 5123), (73, 5180), (80, 5210), (98, 5294), (124, 5411), (164, 5543), (175, 5585), (222, 5702), (223, 5705), (229, 5750), (239, 5804), (242, 5819), (248, 5840),

Gene: MaeLinda_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for MaeLinda_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Magnar_15 Start: 11308, Stop: 12309, Start Num: 8
Candidate Starts for Magnar_15:
(Start: 8 @11308 has 530 MA's), (69, 11518), (96, 11638), (100, 11659), (118, 11734), (131, 11794), (155, 11878), (162, 11896), (184, 11980), (230, 12157), (240, 12196), (241, 12202), (264, 12286),

Gene: Magnito_14 Start: 11060, Stop: 12073, Start Num: 8
Candidate Starts for Magnito_14:
(Start: 8 @11060 has 530 MA's), (52, 11204), (62, 11255), (69, 11270), (96, 11390), (100, 11411), (118, 11486), (131, 11546), (146, 11597), (162, 11648), (184, 11732), (229, 11903), (230, 11909), (241, 11966), (254, 12017),

Gene: Mainiac_17 Start: 11532, Stop: 12524, Start Num: 10
Candidate Starts for Mainiac_17:
(Start: 10 @11532 has 117 MA's), (56, 11673), (90, 11793), (99, 11832), (106, 11865), (131, 11976), (158, 12063), (184, 12159), (204, 12240), (218, 12267), (222, 12279), (230, 12333), (236, 12378), (238, 12384), (244, 12417), (254, 12453), (260, 12477),

Gene: MajorMajor_15 Start: 11078, Stop: 12034, Start Num: 8
Candidate Starts for MajorMajor_15:
(Start: 8 @11078 has 530 MA's), (35, 11138), (50, 11207), (56, 11234), (75, 11276), (81, 11306), (84, 11330), (95, 11375), (106, 11426), (143, 11561), (151, 11588), (158, 11615), (172, 11660), (222, 11819), (224, 11837), (230, 11873), (240, 11924),

Gene: Makemake_15 Start: 12792, Stop: 13802, Start Num: 8
Candidate Starts for Makemake_15:
(Start: 8 @12792 has 530 MA's), (52, 12936), (62, 12987), (69, 13002), (96, 13122), (100, 13143), (118, 13218), (131, 13278), (146, 13329), (155, 13362), (162, 13380), (184, 13464), (229, 13635), (230, 13641), (241, 13695),

Gene: Makima_9 Start: 6992, Stop: 7903, Start Num: 18
Candidate Starts for Makima_9:
(Start: 18 @6992 has 40 MA's), (84, 7214), (88, 7229), (95, 7259), (104, 7301), (133, 7430), (158, 7487), (174, 7541), (227, 7739), (255, 7859),

Gene: Malec_17 Start: 12449, Stop: 13405, Start Num: 8
Candidate Starts for Malec_17:
(Start: 8 @12449 has 530 MA's), (35, 12509), (50, 12578), (56, 12605), (75, 12647), (81, 12677), (84, 12701), (95, 12746), (106, 12797), (143, 12932), (151, 12959), (158, 12986), (172, 13031), (222, 13190), (224, 13208), (230, 13244), (240, 13295),

Gene: Maliketh_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Maliketh_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Malinsilva_19 Start: 11531, Stop: 12523, Start Num: 10
Candidate Starts for Malinsilva_19:
(Start: 10 @11531 has 117 MA's), (56, 11672), (90, 11792), (99, 11831), (106, 11864), (131, 11975), (158, 12062), (184, 12158), (204, 12239), (218, 12266), (222, 12278), (230, 12332), (236, 12377), (238, 12383), (244, 12416), (254, 12452), (260, 12476),

Gene: Malisha_7 Start: 5938, Stop: 6879, Start Num: 34
Candidate Starts for Malisha_7:
(Start: 34 @5938 has 110 MA's), (68, 6073), (91, 6175), (106, 6250), (193, 6577), (195, 6583), (198, 6595), (202, 6607), (218, 6670), (226, 6712), (256, 6829), (261, 6850),

Gene: Malthus_14 Start: 9084, Stop: 10013, Start Num: 25
Candidate Starts for Malthus_14:
(Start: 25 @9084 has 441 MA's), (50, 9174), (55, 9195), (56, 9201), (61, 9228), (80, 9288), (102, 9390), (103, 9396), (118, 9456), (128, 9504), (131, 9516), (150, 9573), (168, 9636), (175, 9663), (213, 9756), (226, 9810), (229, 9828), (239, 9894), (248, 9930), (255, 9954),

Gene: Maminiaina_17 Start: 12612, Stop: 13571, Start Num: 8
Candidate Starts for Maminiaina_17:
(Start: 8 @12612 has 530 MA's), (35, 12672), (55, 12762), (56, 12768), (75, 12810), (81, 12840), (84, 12864), (95, 12909), (106, 12960), (114, 12990), (132, 13074), (147, 13113), (151, 13125), (196, 13299), (222, 13356), (240, 13461),

Gene: ManRay_6 Start: 4722, Stop: 5648, Start Num: 25
Candidate Starts for ManRay_6:
(Start: 25 @4722 has 441 MA's), (56, 4839), (60, 4860), (73, 4896), (93, 4989), (94, 4995), (96, 5001), (110, 5061), (128, 5145), (166, 5259), (204, 5385), (224, 5451), (239, 5535), (245, 5562), (269, 5637),

Gene: Manatee_16 Start: 11592, Stop: 12593, Start Num: 8
Candidate Starts for Manatee_16:
(Start: 8 @11592 has 530 MA's), (52, 11736), (62, 11787), (69, 11802), (96, 11922), (100, 11943), (118, 12018), (131, 12078), (162, 12180), (184, 12264), (221, 12384), (230, 12441), (240, 12480), (241, 12486), (254, 12537),

Gene: Mandalorian_6 Start: 5021, Stop: 5977, Start Num: 25
Candidate Starts for Mandalorian_6:
(Start: 25 @5021 has 441 MA's), (56, 5138), (58, 5150), (60, 5159), (61, 5165), (73, 5195), (118, 5396), (128, 5444), (158, 5543), (206, 5702), (219, 5735), (222, 5744), (239, 5846), (240, 5849),

Gene: Manu_18 Start: 11610, Stop: 12608, Start Num: 10
Candidate Starts for Manu_18:
(Start: 10 @11610 has 117 MA's), (56, 11751), (90, 11871), (99, 11910), (106, 11943), (158, 12141), (178, 12210), (184, 12237), (204, 12318), (230, 12411), (236, 12456), (238, 12462), (244, 12495), (254, 12531), (260, 12555),

Gene: MarQuardt_17 Start: 11540, Stop: 12532, Start Num: 10
Candidate Starts for MarQuardt_17:
(Start: 10 @11540 has 117 MA's), (56, 11681), (90, 11801), (99, 11840), (106, 11873), (131, 11984), (158, 12071), (184, 12167), (204, 12248), (218, 12275), (222, 12287), (230, 12341), (236, 12386), (238, 12392), (244, 12425), (254, 12461), (260, 12485),

Gene: Marcell_15 Start: 11521, Stop: 12540, Start Num: 8

Candidate Starts for Marcell_15:
(Start: 8 @11521 has 530 MA's), (62, 11716), (69, 11731), (75, 11746), (88, 11818), (96, 11851), (100, 11872), (118, 11947), (131, 12007), (184, 12193), (229, 12364), (230, 12370), (241, 12427), (250, 12463),

Gene: Marchesa_15 Start: 11154, Stop: 12128, Start Num: 10
Candidate Starts for Marchesa_15:
(Start: 10 @11154 has 117 MA's), (56, 11295), (90, 11415), (99, 11454), (106, 11487), (171, 11724), (178, 11751), (184, 11778), (205, 11862), (230, 11952), (236, 11997), (238, 12003), (244, 12036), (254, 12072),

Gene: Marchy_14 Start: 11148, Stop: 12152, Start Num: 8
Candidate Starts for Marchy_14:
(Start: 8 @11148 has 530 MA's), (52, 11292), (54, 11301), (62, 11343), (69, 11358), (96, 11478), (100, 11499), (118, 11574), (131, 11634), (162, 11736), (184, 11820), (191, 11850), (221, 11940), (229, 11991), (230, 11997), (241, 12045),

Gene: Marco3_15 Start: 11792, Stop: 12790, Start Num: 8
Candidate Starts for Marco3_15:
(Start: 8 @11792 has 530 MA's), (52, 11936), (62, 11987), (69, 12002), (96, 12122), (100, 12143), (118, 12218), (131, 12278), (162, 12380), (184, 12464), (221, 12584), (230, 12641), (240, 12680), (241, 12686),

Gene: Marcoliusprime_9 Start: 5947, Stop: 6864, Start Num: 25
Candidate Starts for Marcoliusprime_9:
(Start: 25 @5947 has 441 MA's), (55, 6058), (56, 6064), (61, 6091), (96, 6223), (102, 6253), (103, 6259), (131, 6379), (183, 6559), (224, 6661), (239, 6757), (248, 6793), (250, 6802), (264, 6847),

Gene: Margaret_11 Start: 6145, Stop: 7074, Start Num: 26
Candidate Starts for Margaret_11:
(Start: 26 @6145 has 7 MA's), (44, 6211), (71, 6307), (76, 6334), (97, 6430), (99, 6439), (100, 6445), (110, 6484), (118, 6520), (128, 6568), (187, 6775), (196, 6811), (249, 6997),

Gene: Marge_16 Start: 12044, Stop: 13048, Start Num: 8
Candidate Starts for Marge_16:
(Start: 8 @12044 has 530 MA's), (52, 12188), (54, 12197), (62, 12239), (69, 12254), (96, 12374), (100, 12395), (118, 12470), (131, 12530), (155, 12614), (162, 12632), (184, 12716), (191, 12746), (221, 12836), (229, 12887), (230, 12893), (241, 12941), (264, 13025),

Gene: Margo_16 Start: 11659, Stop: 12651, Start Num: 10
Candidate Starts for Margo_16:
(Start: 10 @11659 has 117 MA's), (56, 11800), (99, 11959), (106, 11992), (156, 12184), (171, 12232), (178, 12259), (184, 12286), (204, 12367), (210, 12382), (222, 12406), (230, 12460), (236, 12505), (238, 12511), (244, 12544), (254, 12580), (268, 12622),

Gene: Marie_17 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for Marie_17:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Marius_18 Start: 11610, Stop: 12608, Start Num: 10
Candidate Starts for Marius_18:

(Start: 10 @11610 has 117 MA's), (56, 11751), (90, 11871), (99, 11910), (106, 11943), (158, 12141), (178, 12210), (184, 12237), (204, 12318), (230, 12411), (236, 12456), (238, 12462), (244, 12495), (254, 12531), (260, 12555),

Gene: MarkPhew_12 Start: 6704, Stop: 7627, Start Num: 25
Candidate Starts for MarkPhew_12:
(Start: 25 @6704 has 441 MA's), (55, 6815), (56, 6821), (61, 6848), (93, 6968), (96, 6980), (98, 6992), (119, 7079), (124, 7109), (161, 7229), (226, 7430), (229, 7448), (239, 7514), (240, 7517), (248, 7550), (250, 7559), (255, 7574),

Gene: Marker_7 Start: 5006, Stop: 5914, Start Num: 25
Candidate Starts for Marker_7:
(Start: 25 @5006 has 441 MA's), (50, 5096), (51, 5099), (56, 5123), (73, 5180), (80, 5210), (98, 5294), (124, 5411), (164, 5543), (175, 5585), (222, 5702), (223, 5705), (229, 5750), (239, 5804), (242, 5819), (248, 5840),

Gene: Marmie_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Marmie_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Maroc7_14 Start: 11333, Stop: 12334, Start Num: 8
Candidate Starts for Maroc7_14:
(Start: 8 @11333 has 530 MA's), (69, 11543), (96, 11663), (100, 11684), (118, 11759), (131, 11819), (155, 11903), (162, 11921), (184, 12005), (230, 12182), (240, 12221), (241, 12227), (264, 12311),

Gene: Marsha_15 Start: 11777, Stop: 12796, Start Num: 8
Candidate Starts for Marsha_15:
(Start: 8 @11777 has 530 MA's), (62, 11972), (69, 11987), (88, 12074), (96, 12107), (100, 12128), (118, 12203), (131, 12263), (184, 12449), (229, 12620), (230, 12626), (241, 12683), (250, 12719),

Gene: Marshawn_14 Start: 7351, Stop: 8274, Start Num: 25
Candidate Starts for Marshawn_14:
(Start: 25 @7351 has 441 MA's), (50, 7441), (55, 7462), (56, 7468), (61, 7495), (93, 7615), (96, 7627), (98, 7639), (119, 7726), (124, 7756), (219, 8038), (226, 8077), (229, 8095), (239, 8161), (240, 8164), (248, 8197), (250, 8206), (255, 8221),

Gene: Martin_7 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Martin_7:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: MaryBeth_15 Start: 11755, Stop: 12756, Start Num: 8
Candidate Starts for MaryBeth_15:
(Start: 8 @11755 has 530 MA's), (52, 11899), (62, 11950), (69, 11965), (96, 12085), (100, 12106), (118, 12181), (131, 12241), (162, 12343), (184, 12427), (221, 12547), (230, 12604), (240, 12643), (241, 12649), (254, 12700),

Gene: MarysWell_12 Start: 10767, Stop: 11699, Start Num: 17
Candidate Starts for MarysWell_12:
(Start: 17 @10767 has 90 MA's), (56, 10896), (75, 10938), (81, 10968), (99, 11055), (106, 11088), (184, 11352), (190, 11376), (205, 11436), (222, 11475), (225, 11496), (231, 11544), (244, 11601), (254, 11637), (260, 11661),

Gene: Maverick_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Maverick_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Maxo_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for Maxo_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: Mayonnaise_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Mayonnaise_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Mayweather_9 Start: 5712, Stop: 6671, Start Num: 17
Candidate Starts for Mayweather_9:
(Start: 17 @5712 has 90 MA's), (37, 5763), (44, 5802), (87, 5979), (97, 6021), (99, 6030), (110, 6075), (128, 6159), (155, 6255), (170, 6312), (187, 6366), (196, 6402), (256, 6615), (260, 6633),

Gene: Mazhar510_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for Mazhar510_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (114, 11858), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: McDazzle_7 Start: 5559, Stop: 6521, Start Num: 17
Candidate Starts for McDazzle_7:
(Start: 17 @5559 has 90 MA's), (37, 5610), (44, 5649), (87, 5826), (97, 5868), (99, 5877), (110, 5922), (128, 6006), (155, 6102), (170, 6159), (187, 6213), (196, 6249), (256, 6462), (260, 6480),

Gene: McFly_19 Start: 12240, Stop: 13211, Start Num: 7
Candidate Starts for McFly_19:
(Start: 7 @12240 has 80 MA's), (35, 12300), (56, 12396), (75, 12438), (81, 12468), (84, 12492), (95, 12537), (106, 12588), (110, 12600), (114, 12618), (147, 12723), (196, 12909), (260, 13182),

Gene: McGalleon_7 Start: 5422, Stop: 6414, Start Num: 25
Candidate Starts for McGalleon_7:
(Start: 25 @5422 has 441 MA's), (56, 5539), (73, 5596), (80, 5629), (91, 5683), (96, 5701), (165, 5971), (222, 6151), (225, 6172), (228, 6193), (239, 6265), (240, 6268), (245, 6292), (279, 6409),

Gene: McGuire_16 Start: 11638, Stop: 12636, Start Num: 8
Candidate Starts for McGuire_16:
(Start: 8 @11638 has 530 MA's), (52, 11782), (62, 11833), (69, 11848), (96, 11968), (100, 11989), (118, 12064), (131, 12124), (155, 12208), (162, 12226), (184, 12310), (221, 12430), (230, 12487), (240, 12526), (241, 12532),

Gene: McMater_13 Start: 7012, Stop: 7941, Start Num: 25
Candidate Starts for McMater_13:

(Start: 25 @7012 has 441 MA's), (50, 7102), (56, 7129), (61, 7156), (93, 7276), (96, 7288), (119, 7387), (139, 7471), (219, 7699), (226, 7738), (229, 7756), (239, 7822), (240, 7825), (255, 7882), (260, 7903),

Gene: McSinger_16 Start: 11719, Stop: 12735, Start Num: 8
Candidate Starts for McSinger_16:
(Start: 8 @11719 has 530 MA's), (62, 11914), (69, 11929), (75, 11944), (88, 12016), (96, 12049), (100, 12070), (118, 12145), (131, 12205), (184, 12391), (229, 12562), (230, 12568), (241, 12625),

Gene: Mdavu_9 Start: 7213, Stop: 8133, Start Num: 25
Candidate Starts for Mdavu_9:
(Start: 25 @7213 has 441 MA's), (56, 7330), (61, 7357), (78, 7408), (93, 7477), (96, 7489), (103, 7525), (136, 7663), (139, 7672), (150, 7702), (177, 7801), (213, 7885), (221, 7906), (224, 7927), (226, 7939), (239, 8023), (248, 8059), (263, 8110), (264, 8113),

Gene: MeaningOfLife_13 Start: 7904, Stop: 8842, Start Num: 25
Candidate Starts for MeaningOfLife_13:
(Start: 25 @7904 has 441 MA's), (50, 7994), (56, 8021), (93, 8168), (96, 8180), (98, 8192), (119, 8279), (139, 8363), (150, 8393), (219, 8591), (226, 8630), (239, 8714), (240, 8717), (248, 8750), (255, 8774), (269, 8816),

Gene: Medusa_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Medusa_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: MeeZee_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for MeeZee_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: MegTheThird_15 Start: 10979, Stop: 11974, Start Num: 8
Candidate Starts for MegTheThird_15:
(Start: 8 @10979 has 530 MA's), (35, 11039), (56, 11135), (75, 11177), (81, 11207), (84, 11231), (95, 11276), (106, 11327), (114, 11357), (184, 11612), (208, 11705), (215, 11732), (240, 11864),

Gene: Megsy_13 Start: 7901, Stop: 8836, Start Num: 25
Candidate Starts for Megsy_13:
(Start: 25 @7901 has 441 MA's), (50, 7991), (56, 8018), (93, 8165), (96, 8177), (98, 8189), (119, 8276), (150, 8390), (219, 8588), (226, 8627), (229, 8645), (239, 8711), (240, 8714), (248, 8747), (255, 8771), (269, 8813),

Gene: Melvin_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Melvin_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Mercedes_7 Start: 4939, Stop: 5892, Start Num: 25
Candidate Starts for Mercedes_7:
(Start: 25 @4939 has 441 MA's), (55, 5050), (56, 5056), (60, 5077), (61, 5083), (73, 5113), (83, 5164), (106, 5266), (134, 5389), (158, 5467), (220, 5662), (224, 5686), (239, 5770), (240, 5773),

Gene: Mercurio_8 Start: 6915, Stop: 7841, Start Num: 34
Candidate Starts for Mercurio_8:
(Start: 34 @6915 has 110 MA's), (47, 6972), (48, 6975), (49, 6987), (53, 7002), (77, 7086), (86, 7134), (94, 7167), (103, 7218), (135, 7356), (163, 7455), (190, 7548), (202, 7590), (222, 7650), (260, 7815), (269, 7833),

Gene: Merida02_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Merida02_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Merpity_7 Start: 4404, Stop: 5294, Start Num: 34
Candidate Starts for Merpity_7:
(Start: 34 @4404 has 110 MA's), (59, 4515), (116, 4749), (127, 4806), (131, 4821), (160, 4911), (173, 4962), (202, 5058), (222, 5106), (264, 5280),

Gene: MetalQZJ_15 Start: 11755, Stop: 12756, Start Num: 8
Candidate Starts for MetalQZJ_15:
(Start: 8 @11755 has 530 MA's), (52, 11899), (62, 11950), (69, 11965), (96, 12085), (100, 12106), (118, 12181), (131, 12241), (162, 12343), (184, 12427), (221, 12547), (230, 12604), (240, 12643), (241, 12649), (254, 12700),

Gene: Methuselah_17 Start: 11622, Stop: 12614, Start Num: 10
Candidate Starts for Methuselah_17:
(Start: 10 @11622 has 117 MA's), (56, 11763), (90, 11883), (99, 11922), (106, 11955), (131, 12066), (158, 12153), (184, 12249), (204, 12330), (218, 12357), (222, 12369), (230, 12423), (236, 12468), (238, 12474), (244, 12507), (254, 12543), (260, 12567),

Gene: Micasa_13 Start: 10768, Stop: 11700, Start Num: 17
Candidate Starts for Micasa_13:
(Start: 17 @10768 has 90 MA's), (56, 10897), (75, 10939), (81, 10969), (99, 11056), (106, 11089), (184, 11353), (190, 11377), (205, 11437), (222, 11476), (225, 11497), (231, 11545), (244, 11602), (254, 11638), (260, 11662),

Gene: Michley_15 Start: 11502, Stop: 12503, Start Num: 8
Candidate Starts for Michley_15:
(Start: 8 @11502 has 530 MA's), (52, 11646), (62, 11697), (69, 11712), (96, 11832), (100, 11853), (118, 11928), (131, 11988), (155, 12072), (162, 12090), (184, 12174), (221, 12294), (230, 12351), (240, 12390), (241, 12396), (264, 12480),

Gene: Microwolf_17 Start: 11540, Stop: 12532, Start Num: 10
Candidate Starts for Microwolf_17:
(Start: 10 @11540 has 117 MA's), (56, 11681), (90, 11801), (99, 11840), (106, 11873), (131, 11984), (158, 12071), (184, 12167), (204, 12248), (218, 12275), (222, 12287), (230, 12341), (236, 12386), (238, 12392), (244, 12425), (254, 12461), (260, 12485),

Gene: MiculUcigas_16 Start: 12213, Stop: 13169, Start Num: 8
Candidate Starts for MiculUcigas_16:
(Start: 8 @12213 has 530 MA's), (35, 12273), (50, 12342), (56, 12369), (75, 12411), (81, 12441), (84, 12465), (95, 12510), (106, 12561), (110, 12573), (143, 12696), (151, 12723), (158, 12750), (172, 12795), (222, 12954), (224, 12972), (230, 13008), (240, 13059),

Gene: Midas2_13 Start: 10767, Stop: 11699, Start Num: 17
Candidate Starts for Midas2_13:
(Start: 17 @10767 has 90 MA's), (56, 10896), (75, 10938), (81, 10968), (99, 11055), (106, 11088), (184, 11352), (190, 11376), (205, 11436), (222, 11475), (225, 11496), (231, 11544), (244, 11601), (254, 11637), (260, 11661),

Gene: Miko_19 Start: 13819, Stop: 14766, Start Num: 13
Candidate Starts for Miko_19:
(Start: 12 @13813 has 10 MA's), (Start: 13 @13819 has 9 MA's), (35, 13870), (56, 13966), (60, 13981), (75, 14008), (81, 14038), (88, 14077), (106, 14158), (130, 14260), (168, 14377), (184, 14443), (219, 14542), (222, 14551), (230, 14605), (240, 14656),

Gene: Milcery_13 Start: 10804, Stop: 11736, Start Num: 17
Candidate Starts for Milcery_13:
(Start: 17 @10804 has 90 MA's), (56, 10933), (75, 10975), (81, 11005), (99, 11092), (106, 11125), (184, 11389), (190, 11413), (205, 11473), (222, 11512), (225, 11533), (231, 11581), (244, 11638), (254, 11674), (260, 11698),

Gene: MilleFeuille_12 Start: 11071, Stop: 12078, Start Num: 8
Candidate Starts for MilleFeuille_12:
(Start: 8 @11071 has 530 MA's), (52, 11215), (54, 11224), (62, 11266), (69, 11281), (96, 11401), (100, 11422), (118, 11497), (131, 11557), (162, 11659), (184, 11743), (191, 11773), (229, 11914), (230, 11920), (241, 11968),

Gene: Millski_15 Start: 11482, Stop: 12414, Start Num: 8
Candidate Starts for Millski_15:
(Start: 8 @11482 has 530 MA's), (35, 11542), (56, 11638), (81, 11710), (84, 11734), (106, 11830), (126, 11914), (174, 12058), (184, 12100), (230, 12262), (233, 12295), (240, 12313), (249, 12349), (258, 12382),

Gene: Milly_9 Start: 5947, Stop: 6864, Start Num: 25
Candidate Starts for Milly_9:
(Start: 25 @5947 has 441 MA's), (55, 6058), (56, 6064), (61, 6091), (83, 6169), (96, 6223), (102, 6253), (103, 6259), (131, 6379), (183, 6559), (224, 6661), (239, 6757), (248, 6793), (250, 6802), (264, 6847),

Gene: MillyPhilly_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for MillyPhilly_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: MinecraftSteve_19 Start: 11417, Stop: 12367, Start Num: 8
Candidate Starts for MinecraftSteve_19:
(Start: 8 @11417 has 530 MA's), (35, 11477), (56, 11573), (81, 11645), (84, 11669), (95, 11714), (106, 11765), (114, 11795), (225, 12173), (249, 12293), (260, 12338),

Gene: MiniVolent_6 Start: 5012, Stop: 5953, Start Num: 25
Candidate Starts for MiniVolent_6:
(Start: 25 @5012 has 441 MA's), (56, 5129), (58, 5141), (60, 5150), (73, 5186), (222, 5735), (225, 5756), (239, 5837), (271, 5942),

Gene: Minispark_14 Start: 10914, Stop: 11882, Start Num: 8
Candidate Starts for Minispark_14:

(Start: 8 @10914 has 530 MA's), (35, 10974), (56, 11070), (81, 11142), (84, 11166), (95, 11211), (106, 11262), (114, 11292), (143, 11397), (152, 11430), (158, 11451), (247, 11802),

Gene: Miramae_15 Start: 11439, Stop: 12371, Start Num: 8
Candidate Starts for Miramae_15:
(Start: 8 @11439 has 530 MA's), (35, 11499), (56, 11595), (60, 11610), (81, 11667), (84, 11691), (106, 11787), (126, 11871), (174, 12015), (184, 12057), (233, 12252), (240, 12270), (258, 12339),

Gene: Mireles_8 Start: 5392, Stop: 6303, Start Num: 18
Candidate Starts for Mireles_8:
(Start: 18 @5392 has 40 MA's), (84, 5614), (95, 5659), (104, 5701), (133, 5830), (158, 5887), (172, 5932), (174, 5941),

Gene: Miryou_11 Start: 7954, Stop: 8886, Start Num: 25
Candidate Starts for Miryou_11:
(Start: 25 @7954 has 441 MA's), (56, 8071), (61, 8098), (80, 8158), (87, 8194), (89, 8200), (103, 8266), (119, 8329), (124, 8359), (168, 8506), (239, 8764), (240, 8767), (248, 8800), (255, 8824),

Gene: Misha28_7 Start: 5011, Stop: 5919, Start Num: 25
Candidate Starts for Misha28_7:
(Start: 25 @5011 has 441 MA's), (50, 5101), (51, 5104), (56, 5128), (73, 5185), (80, 5215), (98, 5299), (118, 5383), (124, 5416), (164, 5548), (175, 5590), (222, 5707), (223, 5710), (229, 5755), (239, 5809), (242, 5824), (248, 5845),

Gene: Misomonster_19 Start: 11622, Stop: 12614, Start Num: 10
Candidate Starts for Misomonster_19:
(Start: 10 @11622 has 117 MA's), (56, 11763), (90, 11883), (99, 11922), (106, 11955), (131, 12066), (158, 12153), (184, 12249), (204, 12330), (218, 12357), (222, 12369), (230, 12423), (236, 12468), (238, 12474), (244, 12507), (254, 12543), (260, 12567),

Gene: MissDaisy_14 Start: 8950, Stop: 9879, Start Num: 25
Candidate Starts for MissDaisy_14:
(Start: 25 @8950 has 441 MA's), (50, 9040), (55, 9061), (56, 9067), (61, 9094), (80, 9154), (102, 9256), (103, 9262), (131, 9382), (150, 9439), (175, 9529), (213, 9622), (226, 9676), (229, 9694), (239, 9760), (255, 9820),

Gene: MissWhite_16 Start: 11203, Stop: 12207, Start Num: 8
Candidate Starts for MissWhite_16:
(Start: 8 @11203 has 530 MA's), (35, 11263), (56, 11359), (75, 11401), (81, 11431), (84, 11455), (95, 11500), (106, 11551), (114, 11581), (157, 11722), (184, 11824), (189, 11845), (215, 11935), (222, 11962), (230, 12016), (268, 12166),

Gene: Mitti_14 Start: 9088, Stop: 10017, Start Num: 25
Candidate Starts for Mitti_14:
(Start: 25 @9088 has 441 MA's), (50, 9178), (55, 9199), (56, 9205), (61, 9232), (80, 9292), (102, 9394), (103, 9400), (118, 9460), (131, 9520), (150, 9577), (168, 9640), (175, 9667), (213, 9760), (226, 9814), (229, 9832), (239, 9898), (255, 9958),

Gene: Mkhuseli_16 Start: 11665, Stop: 12669, Start Num: 8
Candidate Starts for Mkhuseli_16:
(Start: 8 @11665 has 530 MA's), (52, 11809), (54, 11818), (62, 11860), (69, 11875), (96, 11995), (100, 12016), (118, 12091), (131, 12151), (155, 12235), (162, 12253), (184, 12337), (229, 12508), (230, 12514), (241, 12562),

Gene: Molly_16 Start: 11363, Stop: 12364, Start Num: 8
Candidate Starts for Molly_16:
(Start: 8 @11363 has 530 MA's), (69, 11573), (96, 11693), (100, 11714), (118, 11789), (131, 11849), (155, 11933), (162, 11951), (184, 12035), (230, 12212), (240, 12251), (241, 12257), (264, 12341),

Gene: MonChoix_6 Start: 4728, Stop: 5654, Start Num: 25
Candidate Starts for MonChoix_6:
(Start: 25 @4728 has 441 MA's), (56, 4845), (60, 4866), (73, 4902), (93, 4995), (94, 5001), (96, 5007), (110, 5067), (128, 5151), (204, 5391), (224, 5457), (239, 5541), (245, 5568), (269, 5643),

Gene: Monet_17 Start: 12561, Stop: 13577, Start Num: 8
Candidate Starts for Monet_17:
(Start: 8 @12561 has 530 MA's), (62, 12756), (69, 12771), (96, 12891), (100, 12912), (118, 12987), (131, 13047), (184, 13233), (229, 13404), (230, 13410), (241, 13467), (250, 13503),

Gene: MoneyMay_17 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for MoneyMay_17:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Montavir_16 Start: 11539, Stop: 12531, Start Num: 10
Candidate Starts for Montavir_16:
(Start: 10 @11539 has 117 MA's), (56, 11680), (90, 11800), (99, 11839), (106, 11872), (131, 11983), (158, 12070), (184, 12166), (204, 12247), (218, 12274), (222, 12286), (230, 12340), (236, 12385), (238, 12391), (244, 12424), (254, 12460), (260, 12484),

Gene: Moose_14 Start: 11595, Stop: 12593, Start Num: 8
Candidate Starts for Moose_14:
(Start: 8 @11595 has 530 MA's), (52, 11739), (62, 11790), (69, 11805), (96, 11925), (100, 11946), (118, 12021), (131, 12081), (162, 12183), (184, 12267), (221, 12387), (230, 12444), (240, 12483), (241, 12489),

Gene: Morkie_6 Start: 4456, Stop: 5358, Start Num: 34
Candidate Starts for Morkie_6:
(Start: 34 @4456 has 110 MA's), (47, 4513), (59, 4570), (86, 4675), (94, 4708), (135, 4897), (137, 4903), (188, 5074), (217, 5155), (256, 5314),

Gene: Morpher26_15 Start: 11491, Stop: 12423, Start Num: 8
Candidate Starts for Morpher26_15:
(Start: 8 @11491 has 530 MA's), (35, 11551), (56, 11647), (60, 11662), (81, 11719), (84, 11743), (106, 11839), (126, 11923), (174, 12067), (184, 12109), (230, 12271), (233, 12304), (249, 12358), (258, 12391),

Gene: Morrigan_8 Start: 6094, Stop: 7047, Start Num: 25
Candidate Starts for Morrigan_8:
(Start: 25 @6094 has 441 MA's), (55, 6205), (56, 6211), (60, 6232), (61, 6238), (73, 6268), (110, 6433), (118, 6469), (135, 6547), (158, 6622), (220, 6817), (225, 6844), (228, 6865), (239, 6925), (240, 6928), (263, 7018),

Gene: Morrow_15 Start: 11482, Stop: 12414, Start Num: 8
Candidate Starts for Morrow_15:

(Start: 8 @11482 has 530 MA's), (35, 11542), (56, 11638), (81, 11710), (84, 11734), (106, 11830), (126, 11914), (174, 12058), (184, 12100), (230, 12262), (233, 12295), (240, 12313), (249, 12349), (258, 12382),

Gene: Mova_7 Start: 5009, Stop: 5917, Start Num: 25
Candidate Starts for Mova_7:
(Start: 25 @5009 has 441 MA's), (50, 5099), (51, 5102), (56, 5126), (73, 5183), (80, 5213), (98, 5297), (124, 5414), (164, 5546), (175, 5588), (222, 5705), (223, 5708), (229, 5753), (239, 5807), (242, 5822), (248, 5843),

Gene: Mowgli_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Mowgli_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Moyashi_6 Start: 4638, Stop: 5609, Start Num: 32
Candidate Starts for Moyashi_6:
(Start: 31 @4635 has 3 MA's), (Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (92, 4884), (99, 4914), (104, 4947), (129, 5058), (159, 5151), (165, 5175), (174, 5211), (183, 5247), (189, 5274), (206, 5334), (246, 5478), (251, 5496), (263, 5538),

Gene: Mozy_7 Start: 5004, Stop: 5912, Start Num: 25
Candidate Starts for Mozy_7:
(Start: 25 @5004 has 441 MA's), (55, 5115), (56, 5121), (73, 5178), (80, 5208), (98, 5292), (118, 5376), (124, 5409), (158, 5523), (164, 5541), (222, 5700), (223, 5703), (224, 5718), (229, 5748), (232, 5772), (239, 5802),

Gene: MrAK_6 Start: 4647, Stop: 5618, Start Num: 32
Candidate Starts for MrAK_6:
(Start: 32 @4647 has 42 MA's), (44, 4695), (53, 4737), (71, 4791), (92, 4893), (99, 4923), (104, 4956), (116, 5004), (129, 5067), (159, 5160), (165, 5184), (174, 5220), (183, 5256), (206, 5343), (246, 5487), (251, 5505), (253, 5514), (263, 5547),

Gene: MrGordo_15 Start: 11315, Stop: 12316, Start Num: 8
Candidate Starts for MrGordo_15:
(Start: 8 @11315 has 530 MA's), (52, 11459), (62, 11510), (69, 11525), (96, 11645), (100, 11666), (118, 11741), (131, 11801), (162, 11903), (184, 11987), (221, 12107), (230, 12164), (240, 12203), (241, 12209), (264, 12293),

Gene: MrSmee_6 Start: 4404, Stop: 5294, Start Num: 34
Candidate Starts for MrSmee_6:
(Start: 34 @4404 has 110 MA's), (59, 4515), (127, 4806), (131, 4821), (160, 4911), (173, 4962), (202, 5058), (222, 5106), (264, 5280),

Gene: MrWorldwide_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for MrWorldwide_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Mryolo_14 Start: 11346, Stop: 12350, Start Num: 8
Candidate Starts for Mryolo_14:
(Start: 8 @11346 has 530 MA's), (52, 11490), (54, 11499), (62, 11541), (69, 11556), (96, 11676), (100, 11697), (118, 11772), (131, 11832), (162, 11934), (184, 12018), (191, 12048), (221, 12138), (229,

12189), (230, 12195), (241, 12243),

Gene: MuchMore_19 Start: 11531, Stop: 12523, Start Num: 10
Candidate Starts for MuchMore_19:
(Start: 10 @11531 has 117 MA's), (56, 11672), (90, 11792), (99, 11831), (106, 11864), (131, 11975), (158, 12062), (184, 12158), (204, 12239), (218, 12266), (222, 12278), (230, 12332), (236, 12377), (238, 12383), (244, 12416), (254, 12452), (260, 12476),

Gene: Muddy_9 Start: 6658, Stop: 7647, Start Num: 21
Candidate Starts for Muddy_9:
(Start: 21 @6658 has 4 MA's), (44, 6733), (55, 6784), (56, 6790), (73, 6847), (88, 6904), (94, 6931), (116, 7021), (148, 7138), (150, 7144), (176, 7228), (209, 7348), (225, 7399), (237, 7486), (252, 7549),

Gene: Mufasa_9 Start: 5933, Stop: 6850, Start Num: 25
Candidate Starts for Mufasa_9:
(Start: 25 @5933 has 441 MA's), (55, 6044), (56, 6050), (61, 6077), (83, 6155), (96, 6209), (102, 6239), (103, 6245), (131, 6365), (183, 6545), (221, 6626), (224, 6647), (226, 6659), (239, 6743), (248, 6779), (250, 6788), (264, 6833),

Gene: MulchExplorer_8 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for MulchExplorer_8:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (55, 5119), (56, 5125), (65, 5164), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Mulciber_16 Start: 12699, Stop: 13688, Start Num: 7
Candidate Starts for Mulciber_16:
(Start: 7 @12699 has 80 MA's), (35, 12759), (43, 12789), (55, 12849), (56, 12855), (75, 12897), (81, 12927), (84, 12951), (95, 12996), (106, 13047), (110, 13059), (114, 13077), (132, 13161), (147, 13197), (151, 13209), (158, 13236), (230, 13494), (253, 13599),

Gene: Mule_15 Start: 11631, Stop: 12638, Start Num: 8
Candidate Starts for Mule_15:
(Start: 8 @11631 has 530 MA's), (52, 11775), (54, 11784), (62, 11826), (69, 11841), (96, 11961), (100, 11982), (118, 12057), (131, 12117), (162, 12219), (184, 12303), (191, 12333), (229, 12474), (230, 12480), (241, 12528),

Gene: Munch_16 Start: 12699, Stop: 13688, Start Num: 7
Candidate Starts for Munch_16:
(Start: 7 @12699 has 80 MA's), (35, 12759), (43, 12789), (55, 12849), (56, 12855), (75, 12897), (81, 12927), (84, 12951), (95, 12996), (106, 13047), (110, 13059), (114, 13077), (132, 13161), (147, 13197), (151, 13209), (158, 13236), (230, 13494), (253, 13599),

Gene: Mundrea_15 Start: 11442, Stop: 12374, Start Num: 8
Candidate Starts for Mundrea_15:
(Start: 8 @11442 has 530 MA's), (35, 11502), (56, 11598), (60, 11613), (81, 11670), (84, 11694), (106, 11790), (114, 11820), (126, 11874), (174, 12018), (184, 12060), (230, 12222), (240, 12273), (249, 12309), (258, 12342),

Gene: MunkgeeRoachy_8 Start: 5428, Stop: 6399, Start Num: 17
Candidate Starts for MunkgeeRoachy_8:
(Start: 17 @5428 has 90 MA's), (23, 5443), (37, 5479), (64, 5608), (110, 5794), (118, 5830), (144, 5932), (187, 6085), (204, 6151), (249, 6307), (260, 6352),

Gene: Murucutumbu_13 Start: 7891, Stop: 8826, Start Num: 25
Candidate Starts for Murucutumbu_13:
(Start: 25 @7891 has 441 MA's), (50, 7981), (56, 8008), (83, 8113), (93, 8155), (96, 8167), (98, 8179), (119, 8266), (150, 8380), (219, 8578), (226, 8617), (229, 8635), (239, 8701), (240, 8704), (248, 8737), (255, 8761), (269, 8803),

Gene: Museum_17 Start: 11649, Stop: 12650, Start Num: 8
Candidate Starts for Museum_17:
(Start: 8 @11649 has 530 MA's), (69, 11859), (96, 11979), (100, 12000), (118, 12075), (131, 12135), (162, 12237), (184, 12321), (221, 12441), (230, 12498), (240, 12540), (241, 12546),

Gene: Mynx_13 Start: 7954, Stop: 8889, Start Num: 25
Candidate Starts for Mynx_13:
(Start: 25 @7954 has 441 MA's), (50, 8044), (56, 8071), (93, 8218), (96, 8230), (98, 8242), (119, 8329), (139, 8413), (150, 8443), (219, 8641), (226, 8680), (239, 8764), (240, 8767), (248, 8800), (255, 8824), (269, 8866),

Gene: MyraDee_13 Start: 9598, Stop: 10551, Start Num: 17
Candidate Starts for MyraDee_13:
(Start: 17 @9598 has 90 MA's), (56, 9727), (99, 9886), (106, 9919), (119, 9970), (147, 10075), (184, 10210), (222, 10330), (230, 10384), (240, 10435), (244, 10456),

Gene: Myxus_17 Start: 12848, Stop: 13807, Start Num: 8
Candidate Starts for Myxus_17:
(Start: 8 @12848 has 530 MA's), (35, 12908), (55, 12998), (56, 13004), (75, 13046), (81, 13076), (84, 13100), (95, 13145), (106, 13196), (110, 13208), (114, 13226), (147, 13349), (151, 13361), (222, 13592), (240, 13697),

Gene: NEHalo_15 Start: 11157, Stop: 12161, Start Num: 8
Candidate Starts for NEHalo_15:
(Start: 8 @11157 has 530 MA's), (52, 11301), (62, 11352), (69, 11367), (96, 11487), (100, 11508), (118, 11583), (131, 11643), (162, 11745), (184, 11829), (221, 11949), (230, 12006), (240, 12045), (241, 12051),

Gene: NaSiaTalie_16 Start: 12210, Stop: 13166, Start Num: 8
Candidate Starts for NaSiaTalie_16:
(Start: 8 @12210 has 530 MA's), (35, 12270), (50, 12339), (56, 12366), (75, 12408), (81, 12438), (84, 12462), (95, 12507), (106, 12558), (110, 12570), (143, 12693), (151, 12720), (158, 12747), (172, 12792), (222, 12951), (224, 12969), (230, 13005), (240, 13056),

Gene: Naca_13 Start: 10712, Stop: 11653, Start Num: 17
Candidate Starts for Naca_13:
(Start: 17 @10712 has 90 MA's), (56, 10841), (81, 10913), (99, 11000), (106, 11033), (114, 11063), (151, 11174), (154, 11189), (184, 11297), (190, 11321), (205, 11381), (222, 11420), (225, 11441), (231, 11489), (244, 11546), (254, 11582), (260, 11606),

Gene: Nagem_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Nagem_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (115, 5068), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Naiad_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Naiad_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Naira_16 Start: 12897, Stop: 13913, Start Num: 8
Candidate Starts for Naira_16:
(Start: 8 @12897 has 530 MA's), (62, 13092), (69, 13107), (75, 13122), (88, 13194), (96, 13227), (100, 13248), (118, 13323), (131, 13383), (184, 13569), (229, 13740), (230, 13746), (241, 13803),

Gene: Naji_19 Start: 12087, Stop: 13043, Start Num: 7
Candidate Starts for Naji_19:
(Start: 7 @12087 has 80 MA's), (35, 12147), (55, 12237), (56, 12243), (75, 12285), (81, 12315), (84, 12339), (95, 12384), (106, 12435), (110, 12447), (114, 12465), (119, 12486), (147, 12573), (151, 12585), (152, 12591), (158, 12612), (205, 12792), (222, 12816), (230, 12870), (267, 13017),

Gene: Nancinator_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Nancinator_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Natosaleda_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Natosaleda_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Nattles_6 Start: 4713, Stop: 5639, Start Num: 24
Candidate Starts for Nattles_6:
(Start: 24 @4713 has 17 MA's), (56, 4830), (60, 4851), (73, 4887), (93, 4980), (94, 4986), (96, 4992), (110, 5052), (128, 5136), (166, 5250), (204, 5376), (224, 5442), (239, 5526), (245, 5553), (269, 5628),

Gene: NearlyHeadless_13 Start: 10396, Stop: 11346, Start Num: 17
Candidate Starts for NearlyHeadless_13:
(Start: 17 @10396 has 90 MA's), (56, 10525), (75, 10567), (99, 10684), (106, 10717), (121, 10792), (152, 10876), (178, 10966), (184, 10993), (192, 11026), (205, 11077), (222, 11116), (235, 11209), (244, 11242), (254, 11278),

Gene: Nebs_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Nebs_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Nebulosus_18 Start: 11295, Stop: 12245, Start Num: 8
Candidate Starts for Nebulosus_18:
(Start: 8 @11295 has 530 MA's), (35, 11355), (56, 11451), (81, 11523), (84, 11547), (95, 11592), (106, 11643), (114, 11673), (225, 12051), (249, 12171), (260, 12216),

Gene: Nebulous_8 Start: 5916, Stop: 6893, Start Num: 25
Candidate Starts for Nebulous_8:
(Start: 25 @5916 has 441 MA's), (45, 5979), (50, 6006), (55, 6027), (56, 6033), (60, 6054), (110, 6255), (136, 6372), (139, 6381), (158, 6444), (168, 6477), (181, 6525), (217, 6630), (222, 6645), (224, 6663), (239, 6747), (240, 6750), (245, 6774),

Gene: Nedarya_17 Start: 11873, Stop: 12826, Start Num: 8
Candidate Starts for Nedarya_17:
(Start: 8 @11873 has 530 MA's), (35, 11933), (56, 12029), (81, 12101), (84, 12125), (95, 12170), (106, 12221), (114, 12251), (222, 12608), (225, 12629), (258, 12782),

Gene: Neeharika16_19 Start: 12230, Stop: 13201, Start Num: 7
Candidate Starts for Neeharika16_19:
(Start: 7 @12230 has 80 MA's), (35, 12290), (56, 12386), (75, 12428), (81, 12458), (84, 12482), (95, 12527), (106, 12578), (110, 12590), (114, 12608), (147, 12713), (196, 12899), (260, 13172),

Gene: Neferthena_8 Start: 5927, Stop: 6904, Start Num: 25
Candidate Starts for Neferthena_8:
(Start: 25 @5927 has 441 MA's), (50, 6017), (55, 6038), (56, 6044), (60, 6065), (110, 6266), (118, 6302), (136, 6383), (158, 6455), (168, 6488), (181, 6536), (217, 6641), (222, 6656), (224, 6674), (239, 6758), (240, 6761), (245, 6785), (272, 6872),

Gene: Neighly_11 Start: 7860, Stop: 8792, Start Num: 25
Candidate Starts for Neighly_11:
(Start: 25 @7860 has 441 MA's), (56, 7977), (61, 8004), (80, 8064), (87, 8100), (89, 8106), (96, 8136), (103, 8172), (119, 8235), (124, 8265), (239, 8670), (240, 8673), (255, 8730),

Gene: Nemo27_15 Start: 11478, Stop: 12410, Start Num: 8
Candidate Starts for Nemo27_15:
(Start: 8 @11478 has 530 MA's), (35, 11538), (56, 11634), (81, 11706), (84, 11730), (106, 11826), (126, 11910), (174, 12054), (184, 12096), (230, 12258), (233, 12291), (240, 12309), (249, 12345), (258, 12378),

Gene: Neoh_7 Start: 7104, Stop: 8039, Start Num: 34
Candidate Starts for Neoh_7:
(Start: 34 @7104 has 110 MA's), (47, 7161), (48, 7164), (49, 7176), (77, 7275), (86, 7323), (94, 7356), (103, 7407), (124, 7500), (202, 7779), (214, 7818), (260, 8013),

Gene: Nerujay_16 Start: 12052, Stop: 13062, Start Num: 8
Candidate Starts for Nerujay_16:
(Start: 8 @12052 has 530 MA's), (52, 12196), (62, 12247), (69, 12262), (96, 12382), (100, 12403), (118, 12478), (131, 12538), (146, 12589), (155, 12622), (162, 12640), (184, 12724), (229, 12895), (230, 12901), (241, 12955),

Gene: Neuvillette_8 Start: 5499, Stop: 6410, Start Num: 18
Candidate Starts for Neuvillette_8:
(Start: 18 @5499 has 40 MA's), (70, 5655), (84, 5721), (88, 5736), (104, 5808), (119, 5868), (158, 5994), (172, 6039), (174, 6048), (227, 6246), (230, 6267), (255, 6366), (260, 6387),

Gene: Newrala_19 Start: 12230, Stop: 13201, Start Num: 7
Candidate Starts for Newrala_19:
(Start: 7 @12230 has 80 MA's), (35, 12290), (56, 12386), (75, 12428), (81, 12458), (84, 12482), (95, 12527), (106, 12578), (110, 12590), (114, 12608), (147, 12713), (196, 12899), (260, 13172),

Gene: Nhonho_15 Start: 11502, Stop: 12521, Start Num: 8
Candidate Starts for Nhonho_15:
(Start: 8 @11502 has 530 MA's), (62, 11697), (69, 11712), (96, 11832), (100, 11853), (118, 11928), (131, 11988), (184, 12174), (229, 12345), (230, 12351), (241, 12408), (250, 12444),

Gene: Nibb_12 Start: 6846, Stop: 7769, Start Num: 25
Candidate Starts for Nibb_12:
(Start: 25 @6846 has 441 MA's), (50, 6936), (55, 6957), (56, 6963), (61, 6990), (93, 7110), (96, 7122), (98, 7134), (119, 7221), (124, 7251), (150, 7335), (161, 7371), (226, 7572), (229, 7590), (239, 7656), (240, 7659), (248, 7692), (250, 7701), (255, 7716),

Gene: Nibbles_10 Start: 6293, Stop: 7219, Start Num: 28
Candidate Starts for Nibbles_10:
(Start: 28 @6293 has 10 MA's), (59, 6428), (88, 6539), (97, 6578), (103, 6608), (110, 6632), (118, 6668), (128, 6716), (134, 6743), (153, 6806), (154, 6809), (155, 6812), (187, 6923), (196, 6959), (202, 6977), (204, 6989), (227, 7058), (229, 7073), (248, 7142), (256, 7172),

Gene: NickSell_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for NickSell_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: NicoleTera_20 Start: 13919, Stop: 14875, Start Num: 8
Candidate Starts for NicoleTera_20:
(Start: 8 @13919 has 530 MA's), (35, 13979), (56, 14075), (75, 14117), (81, 14147), (84, 14171), (95, 14216), (106, 14267), (151, 14429), (158, 14456), (172, 14501), (222, 14660), (224, 14678), (230, 14714), (240, 14765),

Gene: NidoQ_6 Start: 5613, Stop: 6596, Start Num: 12
Candidate Starts for NidoQ_6:
(Start: 12 @5613 has 10 MA's), (20, 5637), (44, 5715), (73, 5829), (102, 5949), (107, 5970), (118, 6015), (197, 6300), (201, 6312), (221, 6366), (239, 6486),

Gene: Nikao_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for Nikao_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: NikkiHotWheels_6 Start: 5553, Stop: 6536, Start Num: 12
Candidate Starts for NikkiHotWheels_6:
(Start: 12 @5553 has 10 MA's), (20, 5577), (44, 5655), (73, 5769), (102, 5889), (107, 5910), (118, 5955), (197, 6240), (201, 6252), (221, 6306), (239, 6426),

Gene: Niklas_13 Start: 7012, Stop: 7941, Start Num: 25
Candidate Starts for Niklas_13:
(Start: 25 @7012 has 441 MA's), (50, 7102), (56, 7129), (61, 7156), (93, 7276), (96, 7288), (119, 7387), (139, 7471), (219, 7699), (226, 7738), (229, 7756), (239, 7822), (240, 7825), (255, 7882),

Gene: Nina_9 Start: 6414, Stop: 7385, Start Num: 17
Candidate Starts for Nina_9:
(Start: 17 @6414 has 90 MA's), (23, 6429), (37, 6465), (64, 6594), (110, 6780), (118, 6816), (135, 6894), (144, 6918), (187, 7071), (204, 7137), (249, 7293), (260, 7338),

Gene: Niza_17 Start: 12668, Stop: 13666, Start Num: 8
Candidate Starts for Niza_17:

(Start: 8 @12668 has 530 MA's), (52, 12812), (62, 12863), (69, 12878), (96, 12998), (100, 13019), (118, 13094), (131, 13154), (162, 13256), (184, 13340), (221, 13460), (230, 13517), (240, 13556), (241, 13562),

Gene: NoShow_7 Start: 5701, Stop: 6669, Start Num: 21
Candidate Starts for NoShow_7:
(Start: 21 @5701 has 4 MA's), (40, 5752), (50, 5809), (51, 5812), (55, 5830), (56, 5836), (59, 5851), (73, 5893), (88, 5950), (94, 5977), (99, 5998), (111, 6046), (148, 6184), (158, 6211), (165, 6232), (209, 6394), (219, 6415), (237, 6532), (243, 6562),

Gene: Nodigi_10 Start: 6436, Stop: 7365, Start Num: 26
Candidate Starts for Nodigi_10:
(Start: 26 @6436 has 7 MA's), (44, 6502), (55, 6553), (64, 6589), (71, 6598), (97, 6721), (99, 6730), (100, 6736), (110, 6775), (128, 6859), (148, 6928), (187, 7066), (196, 7102), (197, 7105), (249, 7288), (260, 7333), (261, 7336),

Gene: Noella_16 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for Noella_16:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Noelle_15 Start: 11545, Stop: 12477, Start Num: 8
Candidate Starts for Noelle_15:
(Start: 8 @11545 has 530 MA's), (35, 11605), (56, 11701), (60, 11716), (81, 11773), (84, 11797), (106, 11893), (114, 11923), (126, 11977), (174, 12121), (184, 12163), (230, 12325), (240, 12376), (258, 12445),

Gene: Norbert_15 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for Norbert_15:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: NorthStar_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for NorthStar_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Norz_17 Start: 12304, Stop: 13302, Start Num: 8
Candidate Starts for Norz_17:
(Start: 8 @12304 has 530 MA's), (52, 12448), (62, 12499), (69, 12514), (96, 12634), (100, 12655), (118, 12730), (131, 12790), (162, 12892), (184, 12976), (221, 13096), (230, 13153), (240, 13192), (241, 13198),

Gene: NotAPhaseMom_15 Start: 11483, Stop: 12415, Start Num: 8
Candidate Starts for NotAPhaseMom_15:
(Start: 8 @11483 has 530 MA's), (35, 11543), (56, 11639), (81, 11711), (84, 11735), (106, 11831), (126, 11915), (174, 12059), (184, 12101), (230, 12263), (233, 12296), (240, 12314), (249, 12350), (258, 12383),

Gene: NothingSpecial_18 Start: 14179, Stop: 15132, Start Num: 8

Candidate Starts for NothingSpecial_18:
(Start: 8 @14179 has 530 MA's), (35, 14239), (50, 14308), (56, 14335), (75, 14377), (81, 14407), (84, 14431), (95, 14476), (106, 14527), (114, 14557), (158, 14716), (172, 14761), (224, 14938), (230, 14974),

Gene: November_11 Start: 7663, Stop: 8595, Start Num: 25
Candidate Starts for November_11:
(Start: 25 @7663 has 441 MA's), (50, 7753), (56, 7780), (93, 7927), (96, 7939), (106, 7987), (124, 8068), (177, 8251), (226, 8389), (229, 8407), (239, 8473), (240, 8476), (248, 8509), (255, 8533), (263, 8560),

Gene: Noxious_16 Start: 12336, Stop: 13343, Start Num: 8
Candidate Starts for Noxious_16:
(Start: 8 @12336 has 530 MA's), (52, 12480), (62, 12531), (69, 12546), (96, 12666), (100, 12687), (118, 12762), (131, 12822), (155, 12906), (162, 12924), (184, 13008), (230, 13185), (240, 13224), (241, 13230),

Gene: Nucci_6 Start: 5009, Stop: 5965, Start Num: 25
Candidate Starts for Nucci_6:
(Start: 25 @5009 has 441 MA's), (56, 5126), (58, 5138), (60, 5147), (61, 5153), (73, 5183), (118, 5384), (128, 5432), (158, 5531), (206, 5690), (219, 5723), (222, 5732), (239, 5834), (240, 5837),

Gene: Nutello_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for Nutello_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: Nyxis_15 Start: 11425, Stop: 12357, Start Num: 8
Candidate Starts for Nyxis_15:
(Start: 8 @11425 has 530 MA's), (35, 11485), (56, 11581), (81, 11653), (84, 11677), (106, 11773), (126, 11857), (174, 12001), (184, 12043), (225, 12172), (230, 12205), (233, 12238), (240, 12256), (249, 12292), (258, 12325),

Gene: ODay_7 Start: 4919, Stop: 5860, Start Num: 34
Candidate Starts for ODay_7:
(Start: 34 @4919 has 110 MA's), (68, 5054), (86, 5135), (91, 5156), (106, 5231), (135, 5357), (193, 5558), (198, 5576), (207, 5609), (226, 5693), (261, 5831),

Gene: OKCentral2016_15 Start: 10955, Stop: 11890, Start Num: 8
Candidate Starts for OKCentral2016_15:
(Start: 8 @10955 has 530 MA's), (35, 11015), (56, 11111), (60, 11126), (75, 11153), (81, 11183), (84, 11207), (85, 11213), (95, 11252), (106, 11303), (114, 11333), (141, 11426), (171, 11513), (184, 11567), (189, 11588), (225, 11696), (230, 11729), (240, 11780), (249, 11816),

Gene: OKaNui_15 Start: 11245, Stop: 12177, Start Num: 8
Candidate Starts for OKaNui_15:
(Start: 8 @11245 has 530 MA's), (35, 11305), (56, 11401), (60, 11416), (81, 11473), (84, 11497), (106, 11593), (114, 11623), (126, 11677), (174, 11821), (184, 11863), (230, 12025), (233, 12058), (240, 12076), (249, 12112), (258, 12145),

Gene: Oats_6 Start: 4722, Stop: 5648, Start Num: 25
Candidate Starts for Oats_6:

(Start: 25 @4722 has 441 MA's), (56, 4839), (60, 4860), (73, 4896), (93, 4989), (94, 4995), (96, 5001), (110, 5061), (128, 5145), (166, 5259), (204, 5385), (224, 5451), (239, 5535), (245, 5562), (269, 5637),

Gene: Obama12_15 Start: 11459, Stop: 12391, Start Num: 8
Candidate Starts for Obama12_15:
(Start: 8 @11459 has 530 MA's), (35, 11519), (56, 11615), (60, 11630), (81, 11687), (84, 11711), (106, 11807), (114, 11837), (126, 11891), (174, 12035), (184, 12077), (230, 12239), (233, 12272), (240, 12290), (249, 12326), (258, 12359),

Gene: OctaviousRex_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for OctaviousRex_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Odin_15 Start: 10976, Stop: 11932, Start Num: 8
Candidate Starts for Odin_15:
(Start: 8 @10976 has 530 MA's), (35, 11036), (55, 11126), (56, 11132), (75, 11174), (81, 11204), (84, 11228), (95, 11273), (106, 11324), (110, 11336), (114, 11354), (158, 11513), (172, 11558), (192, 11642), (222, 11717),

Gene: Ogopogo_8 Start: 5135, Stop: 6073, Start Num: 34
Candidate Starts for Ogopogo_8:
(Start: 34 @5135 has 110 MA's), (38, 5144), (45, 5180), (68, 5270), (86, 5351), (91, 5372), (106, 5447), (134, 5570), (193, 5774), (198, 5792), (207, 5825), (226, 5909), (251, 6008), (261, 6047),

Gene: Ohfah_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Ohfah_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (158, 12001), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Ohno789_15 Start: 11447, Stop: 12454, Start Num: 8
Candidate Starts for Ohno789_15:
(Start: 8 @11447 has 530 MA's), (69, 11657), (96, 11777), (100, 11798), (118, 11873), (147, 11987), (155, 12017), (162, 12035), (184, 12119), (230, 12296), (241, 12344),

Gene: OkiRoe_11 Start: 7955, Stop: 8887, Start Num: 25
Candidate Starts for OkiRoe_11:
(Start: 25 @7955 has 441 MA's), (56, 8072), (61, 8099), (80, 8159), (87, 8195), (89, 8201), (103, 8267), (119, 8330), (124, 8360), (168, 8507), (239, 8765), (240, 8768), (248, 8801), (255, 8825),

Gene: Oksu_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Oksu_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: OlanP_17 Start: 11790, Stop: 12788, Start Num: 10
Candidate Starts for OlanP_17:
(Start: 10 @11790 has 117 MA's), (56, 11931), (90, 12051), (99, 12090), (106, 12123), (158, 12321), (178, 12390), (184, 12417), (204, 12498), (230, 12591), (236, 12636), (238, 12642), (244, 12675), (254, 12711), (260, 12735),

Gene: OldNelly_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for OldNelly_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Olga_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Olga_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Ollie_17 Start: 11410, Stop: 12402, Start Num: 10
Candidate Starts for Ollie_17:
(Start: 10 @11410 has 117 MA's), (56, 11551), (90, 11671), (99, 11710), (106, 11743), (131, 11854), (158, 11941), (184, 12037), (204, 12118), (218, 12145), (222, 12157), (230, 12211), (236, 12256), (238, 12262), (244, 12295), (254, 12331), (260, 12355),

Gene: OmniCritical_14 Start: 9075, Stop: 10004, Start Num: 25
Candidate Starts for OmniCritical_14:
(Start: 25 @9075 has 441 MA's), (50, 9165), (55, 9186), (56, 9192), (61, 9219), (80, 9279), (102, 9381), (103, 9387), (118, 9447), (131, 9507), (150, 9564), (168, 9627), (175, 9654), (213, 9747), (226, 9801), (229, 9819), (239, 9885), (255, 9945),

Gene: Omnicron_11 Start: 6973, Stop: 7905, Start Num: 25
Candidate Starts for Omnicron_11:
(Start: 25 @6973 has 441 MA's), (56, 7090), (61, 7117), (80, 7177), (87, 7213), (89, 7219), (96, 7249), (103, 7285), (119, 7348), (127, 7390), (150, 7462), (168, 7525), (170, 7534), (224, 7687), (239, 7783), (240, 7786), (248, 7819), (255, 7843), (265, 7876),

Gene: Onglai_16 Start: 11214, Stop: 12173, Start Num: 8
Candidate Starts for Onglai_16:
(Start: 8 @11214 has 530 MA's), (35, 11274), (55, 11364), (56, 11370), (75, 11412), (81, 11442), (84, 11466), (95, 11511), (106, 11562), (110, 11574), (114, 11592), (147, 11715), (151, 11727), (222, 11958), (240, 12063),

Gene: Oofda_18 Start: 11266, Stop: 12216, Start Num: 8
Candidate Starts for Oofda_18:
(Start: 8 @11266 has 530 MA's), (35, 11326), (56, 11422), (81, 11494), (84, 11518), (95, 11563), (106, 11614), (114, 11644), (225, 12022), (249, 12142), (260, 12187),

Gene: Oogway_14 Start: 11576, Stop: 12577, Start Num: 8
Candidate Starts for Oogway_14:
(Start: 8 @11576 has 530 MA's), (52, 11720), (62, 11771), (69, 11786), (96, 11906), (100, 11927), (118, 12002), (131, 12062), (155, 12146), (162, 12164), (184, 12248), (221, 12368), (230, 12425), (240, 12464), (241, 12470),

Gene: Orange_16 Start: 12699, Stop: 13688, Start Num: 7
Candidate Starts for Orange_16:
(Start: 7 @12699 has 80 MA's), (35, 12759), (43, 12789), (55, 12849), (56, 12855), (75, 12897), (81, 12927), (84, 12951), (95, 12996), (106, 13047), (110, 13059), (114, 13077), (132, 13161), (147, 13197), (151, 13209), (158, 13236), (230, 13494), (253, 13599),

Gene: Orla_10 Start: 6434, Stop: 7372, Start Num: 24
Candidate Starts for Orla_10:

(Start: 24 @6434 has 17 MA's), (27, 6440), (44, 6506), (64, 6593), (71, 6602), (97, 6725), (99, 6734), (100, 6740), (110, 6779), (118, 6815), (128, 6863), (135, 6893), (187, 7070), (196, 7106), (197, 7109), (249, 7292), (260, 7337),

Gene: Oscar_12 Start: 6806, Stop: 7729, Start Num: 25
Candidate Starts for Oscar_12:
(Start: 25 @6806 has 441 MA's), (55, 6917), (56, 6923), (61, 6950), (93, 7070), (96, 7082), (98, 7094), (119, 7181), (124, 7211), (128, 7226), (136, 7256), (150, 7295), (161, 7331), (226, 7532), (239, 7616), (240, 7619), (248, 7652), (255, 7676),

Gene: Ouroboros_6 Start: 4645, Stop: 5592, Start Num: 32
Candidate Starts for Ouroboros_6:
(Start: 31 @4642 has 3 MA's), (Start: 32 @4645 has 42 MA's), (44, 4693), (47, 4705), (52, 4732), (71, 4789), (92, 4891), (96, 4906), (99, 4921), (103, 4951), (129, 5065), (159, 5158), (165, 5182), (174, 5218), (183, 5254), (189, 5281), (195, 5299), (206, 5341), (241, 5464), (246, 5485), (251, 5503), (253, 5512), (263, 5545),

Gene: OwlsT2W_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for OwlsT2W_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Oxtober96_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Oxtober96_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: P1.1_6 Start: 4645, Stop: 5592, Start Num: 32
Candidate Starts for P1.1_6:
(Start: 31 @4642 has 3 MA's), (Start: 32 @4645 has 42 MA's), (44, 4693), (53, 4735), (71, 4789), (92, 4891), (99, 4921), (104, 4954), (127, 5059), (159, 5158), (165, 5182), (174, 5218), (183, 5254), (189, 5281), (206, 5341), (246, 5485), (251, 5503), (253, 5512), (263, 5545),

Gene: P100.1_6 Start: 4638, Stop: 5582, Start Num: 32
Candidate Starts for P100.1_6:
(Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (92, 4884), (99, 4914), (104, 4947), (111, 4971), (116, 4995), (129, 5058), (159, 5151), (165, 5175), (174, 5211), (183, 5247), (189, 5274), (206, 5334), (241, 5457), (246, 5478), (251, 5496), (261, 5535), (263, 5538),

Gene: P100A_6 Start: 4656, Stop: 5603, Start Num: 32
Candidate Starts for P100A_6:
(Start: 32 @4656 has 42 MA's), (44, 4704), (52, 4743), (83, 4863), (92, 4902), (99, 4932), (103, 4962), (116, 5013), (129, 5076), (159, 5169), (179, 5250), (183, 5265), (206, 5352), (246, 5496), (251, 5514), (253, 5523), (263, 5556),

Gene: P100D_6 Start: 4639, Stop: 5586, Start Num: 32
Candidate Starts for P100D_6:
(Start: 31 @4636 has 3 MA's), (Start: 32 @4639 has 42 MA's), (44, 4687), (53, 4729), (55, 4738), (71, 4783), (92, 4885), (99, 4915), (104, 4948), (116, 4996), (127, 5053), (159, 5152), (165, 5176), (174, 5212), (183, 5248), (189, 5275), (206, 5335), (222, 5365), (246, 5479), (251, 5497), (253, 5506), (263, 5539),

Gene: P101A_6 Start: 4638, Stop: 5585, Start Num: 32
Candidate Starts for P101A_6:
(Start: 31 @4635 has 3 MA's), (Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (92, 4884), (99, 4914), (104, 4947), (111, 4971), (116, 4995), (129, 5058), (159, 5151), (165, 5175), (174, 5211), (183, 5247), (189, 5274), (206, 5334), (241, 5457), (246, 5478), (251, 5496), (263, 5538),

Gene: P104A_6 Start: 4636, Stop: 5583, Start Num: 32
Candidate Starts for P104A_6:
(Start: 32 @4636 has 42 MA's), (44, 4684), (53, 4726), (63, 4768), (71, 4780), (92, 4882), (99, 4912), (103, 4942), (116, 4993), (159, 5149), (165, 5173), (174, 5209), (183, 5245), (189, 5272), (206, 5332), (222, 5362), (241, 5455), (246, 5476), (253, 5503), (263, 5536),

Gene: P104B_6 Start: 4637, Stop: 5587, Start Num: 31
Candidate Starts for P104B_6:
(Start: 31 @4637 has 3 MA's), (Start: 32 @4640 has 42 MA's), (44, 4688), (53, 4730), (71, 4784), (92, 4886), (99, 4916), (103, 4946), (116, 4997), (127, 5054), (159, 5153), (165, 5177), (174, 5213), (183, 5249), (189, 5276), (195, 5294), (206, 5336), (246, 5480), (251, 5498), (253, 5507), (263, 5540),

Gene: P105_6 Start: 4630, Stop: 5577, Start Num: 32
Candidate Starts for P105_6:
(Start: 31 @4627 has 3 MA's), (Start: 32 @4630 has 42 MA's), (44, 4678), (53, 4720), (63, 4762), (71, 4774), (92, 4876), (99, 4906), (104, 4939), (116, 4987), (129, 5050), (159, 5143), (165, 5167), (174, 5203), (183, 5239), (189, 5266), (206, 5326), (222, 5356), (246, 5470), (253, 5497), (263, 5530),

Gene: P106A_6 Start: 4638, Stop: 5609, Start Num: 32
Candidate Starts for P106A_6:
(Start: 31 @4635 has 3 MA's), (Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (71, 4782), (92, 4884), (99, 4914), (104, 4947), (111, 4971), (116, 4995), (129, 5058), (159, 5151), (165, 5175), (174, 5211), (183, 5247), (189, 5274), (206, 5334), (241, 5457), (246, 5478), (251, 5496), (263, 5538),

Gene: P106C_6 Start: 4638, Stop: 5609, Start Num: 32
Candidate Starts for P106C_6:
(Start: 31 @4635 has 3 MA's), (Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (71, 4782), (92, 4884), (99, 4914), (104, 4947), (111, 4971), (116, 4995), (129, 5058), (159, 5151), (165, 5175), (174, 5211), (183, 5247), (189, 5274), (206, 5334), (241, 5457), (246, 5478), (251, 5496), (263, 5538),

Gene: P106I_6 Start: 4638, Stop: 5609, Start Num: 32
Candidate Starts for P106I_6:
(Start: 31 @4635 has 3 MA's), (Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (71, 4782), (92, 4884), (99, 4914), (104, 4947), (111, 4971), (116, 4995), (129, 5058), (159, 5151), (165, 5175), (174, 5211), (183, 5247), (189, 5274), (206, 5334), (241, 5457), (246, 5478), (251, 5496), (263, 5538),

Gene: P106L_6 Start: 4638, Stop: 5609, Start Num: 32
Candidate Starts for P106L_6:
(Start: 31 @4635 has 3 MA's), (Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (71, 4782), (92, 4884), (99, 4914), (104, 4947), (111, 4971), (116, 4995), (129, 5058), (159, 5151), (165, 5175), (174, 5211), (183, 5247), (189, 5274), (206, 5334), (241, 5457), (246, 5478), (251, 5496), (263, 5538),

Gene: P106M_6 Start: 4638, Stop: 5609, Start Num: 32
Candidate Starts for P106M_6:
(Start: 31 @4635 has 3 MA's), (Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (71, 4782), (92, 4884), (99, 4914), (104, 4947), (111, 4971), (116, 4995), (129, 5058), (159, 5151), (165, 5175), (174, 5211), (183, 5247), (189, 5274), (206, 5334), (241, 5457), (246, 5478), (251, 5496), (263, 5538),

Gene: P107A_6 Start: 4648, Stop: 5595, Start Num: 32
Candidate Starts for P107A_6:
(Start: 32 @4648 has 42 MA's), (44, 4696), (52, 4735), (63, 4780), (74, 4804), (83, 4855), (92, 4894), (99, 4924), (103, 4954), (116, 5005), (129, 5068), (159, 5161), (165, 5185), (183, 5257), (206, 5344), (218, 5362), (241, 5467), (246, 5488), (253, 5515),

Gene: P107C_6 Start: 4644, Stop: 5591, Start Num: 32
Candidate Starts for P107C_6:
(Start: 32 @4644 has 42 MA's), (44, 4692), (53, 4734), (63, 4776), (71, 4788), (91, 4887), (92, 4890), (99, 4920), (103, 4950), (159, 5157), (165, 5181), (174, 5217), (183, 5253), (189, 5280), (195, 5298), (206, 5340), (246, 5484), (253, 5511), (263, 5544),

Gene: P108C_6 Start: 4648, Stop: 5595, Start Num: 32
Candidate Starts for P108C_6:
(Start: 32 @4648 has 42 MA's), (44, 4696), (47, 4708), (52, 4735), (71, 4792), (83, 4855), (92, 4894), (99, 4924), (103, 4954), (116, 5005), (129, 5068), (159, 5161), (165, 5185), (174, 5221), (183, 5257), (195, 5302), (206, 5344), (218, 5362), (246, 5488), (251, 5506), (253, 5515), (263, 5548),

Gene: P14.4_6 Start: 4638, Stop: 5585, Start Num: 32
Candidate Starts for P14.4_6:
(Start: 31 @4635 has 3 MA's), (Start: 32 @4638 has 42 MA's), (44, 4686), (53, 4728), (71, 4782), (92, 4884), (99, 4914), (104, 4947), (116, 4995), (129, 5058), (159, 5151), (165, 5175), (174, 5211), (183, 5247), (189, 5274), (195, 5292), (206, 5334), (222, 5364), (246, 5478), (251, 5496), (253, 5505), (263, 5538),

Gene: P28Green_17 Start: 11538, Stop: 12530, Start Num: 10
Candidate Starts for P28Green_17:
(Start: 10 @11538 has 117 MA's), (56, 11679), (90, 11799), (99, 11838), (106, 11871), (131, 11982), (158, 12069), (184, 12165), (204, 12246), (218, 12273), (222, 12285), (230, 12339), (236, 12384), (238, 12390), (244, 12423), (254, 12459), (260, 12483),

Gene: P3MA_7 Start: 5392, Stop: 6300, Start Num: 34
Candidate Starts for P3MA_7:
(Start: 34 @5392 has 110 MA's), (43, 5419), (48, 5446), (59, 5500), (77, 5557), (86, 5605), (93, 5632), (94, 5638), (116, 5737), (125, 5785), (135, 5827), (195, 6025), (198, 6037), (268, 6289),

Gene: P9.1_6 Start: 4630, Stop: 5580, Start Num: 31
Candidate Starts for P9.1_6:
(Start: 31 @4630 has 3 MA's), (Start: 32 @4633 has 42 MA's), (44, 4681), (53, 4723), (71, 4777), (92, 4879), (99, 4909), (104, 4942), (116, 4990), (127, 5047), (159, 5146), (165, 5170), (174, 5206), (183, 5242), (189, 5269), (195, 5287), (206, 5329), (246, 5473), (251, 5491), (253, 5500), (263, 5533),

Gene: PA6_6 Start: 4645, Stop: 5592, Start Num: 32
Candidate Starts for PA6_6:
(Start: 31 @4642 has 3 MA's), (Start: 32 @4645 has 42 MA's), (44, 4693), (53, 4735), (63, 4777), (71, 4789), (92, 4891), (99, 4921), (103, 4951), (116, 5002), (127, 5059), (159, 5158), (165, 5182), (174, 5218), (183, 5254), (189, 5281), (206, 5341), (241, 5464), (246, 5485), (263, 5545),

Gene: PAD20_6 Start: 4645, Stop: 5592, Start Num: 32
Candidate Starts for PAD20_6:
(Start: 31 @4642 has 3 MA's), (Start: 32 @4645 has 42 MA's), (44, 4693), (53, 4735), (71, 4789), (92, 4891), (99, 4921), (104, 4954), (116, 5002), (127, 5059), (159, 5158), (165, 5182), (174, 5218), (183,

5254), (189, 5281), (195, 5299), (206, 5341), (246, 5485), (251, 5503), (253, 5512), (263, 5545),

Gene: PAS50_6 Start: 4642, Stop: 5589, Start Num: 32
Candidate Starts for PAS50_6:
(Start: 31 @4639 has 3 MA's), (Start: 32 @4642 has 42 MA's), (44, 4690), (53, 4732), (71, 4786), (92, 4888), (99, 4918), (104, 4951), (116, 4999), (127, 5056), (159, 5155), (165, 5179), (174, 5215), (183, 5251), (189, 5278), (206, 5338), (222, 5368), (246, 5482), (251, 5500), (253, 5509), (263, 5542),

Gene: PGHhamlin_19 Start: 11531, Stop: 12523, Start Num: 10
Candidate Starts for PGHhamlin_19:
(Start: 10 @11531 has 117 MA's), (56, 11672), (90, 11792), (99, 11831), (106, 11864), (131, 11975), (158, 12062), (184, 12158), (204, 12239), (218, 12266), (222, 12278), (230, 12332), (236, 12377), (238, 12383), (244, 12416), (254, 12452), (260, 12476),

Gene: PHL010M04_06 Start: 4637, Stop: 5584, Start Num: 32
Candidate Starts for PHL010M04_06:
(Start: 32 @4637 has 42 MA's), (44, 4685), (47, 4697), (53, 4727), (63, 4769), (71, 4781), (92, 4883), (99, 4913), (103, 4943), (116, 4994), (129, 5057), (159, 5150), (174, 5210), (183, 5246), (206, 5333), (246, 5477), (251, 5495), (253, 5504), (263, 5537),

Gene: PHL037M02_06 Start: 4636, Stop: 5586, Start Num: 31
Candidate Starts for PHL037M02_06:
(Start: 31 @4636 has 3 MA's), (Start: 32 @4639 has 42 MA's), (44, 4687), (53, 4729), (63, 4771), (71, 4783), (92, 4885), (99, 4915), (104, 4948), (127, 5053), (159, 5152), (174, 5212), (183, 5248), (189, 5275), (206, 5335), (218, 5353), (246, 5479), (253, 5506), (263, 5539),

Gene: PHL060L00_06 Start: 4633, Stop: 5580, Start Num: 32
Candidate Starts for PHL060L00_06:
(Start: 32 @4633 has 42 MA's), (44, 4681), (53, 4723), (71, 4777), (92, 4879), (99, 4909), (103, 4939), (116, 4990), (129, 5053), (159, 5146), (165, 5170), (174, 5206), (183, 5242), (189, 5269), (206, 5329), (246, 5473), (253, 5500), (263, 5533),

Gene: PHL067M10_06 Start: 4632, Stop: 5582, Start Num: 31
Candidate Starts for PHL067M10_06:
(Start: 31 @4632 has 3 MA's), (Start: 32 @4635 has 42 MA's), (44, 4683), (53, 4725), (71, 4779), (92, 4881), (99, 4911), (104, 4944), (116, 4992), (129, 5055), (159, 5148), (165, 5172), (174, 5208), (183, 5244), (189, 5271), (206, 5331), (246, 5475), (253, 5502), (263, 5535),

Gene: PHL071N05_06 Start: 4640, Stop: 5587, Start Num: 32
Candidate Starts for PHL071N05_06:
(Start: 32 @4640 has 42 MA's), (44, 4688), (53, 4730), (63, 4772), (71, 4784), (92, 4886), (99, 4916), (104, 4949), (159, 5153), (165, 5177), (171, 5201), (174, 5213), (183, 5249), (189, 5276), (206, 5336), (218, 5354), (246, 5480), (251, 5498), (253, 5507), (263, 5540),

Gene: PHL111M01_06 Start: 4642, Stop: 5592, Start Num: 31
Candidate Starts for PHL111M01_06:
(Start: 31 @4642 has 3 MA's), (Start: 32 @4645 has 42 MA's), (44, 4693), (53, 4735), (71, 4789), (92, 4891), (99, 4921), (104, 4954), (116, 5002), (159, 5158), (165, 5182), (174, 5218), (183, 5254), (189, 5281), (195, 5299), (206, 5341), (246, 5485), (251, 5503), (253, 5512), (263, 5545),

Gene: PHL112N00_06 Start: 4642, Stop: 5592, Start Num: 31
Candidate Starts for PHL112N00_06:

(Start: 31 @4642 has 3 MA's), (Start: 32 @4645 has 42 MA's), (44, 4693), (53, 4735), (63, 4777), (71, 4789), (92, 4891), (99, 4921), (103, 4951), (129, 5065), (159, 5158), (165, 5182), (174, 5218), (183, 5254), (189, 5281), (206, 5341), (246, 5485), (251, 5503), (253, 5512), (263, 5545),

Gene: PHL113M01_06 Start: 4642, Stop: 5592, Start Num: 31
Candidate Starts for PHL113M01_06:
(Start: 31 @4642 has 3 MA's), (Start: 32 @4645 has 42 MA's), (44, 4693), (53, 4735), (71, 4789), (92, 4891), (99, 4921), (103, 4951), (116, 5002), (129, 5065), (159, 5158), (165, 5182), (174, 5218), (183, 5254), (189, 5281), (206, 5341), (246, 5485), (251, 5503), (253, 5512), (263, 5545),

Gene: PHL114L00_06 Start: 4641, Stop: 5591, Start Num: 31
Candidate Starts for PHL114L00_06:
(Start: 31 @4641 has 3 MA's), (Start: 32 @4644 has 42 MA's), (44, 4692), (53, 4734), (63, 4776), (71, 4788), (92, 4890), (99, 4920), (103, 4950), (104, 4953), (153, 5139), (159, 5157), (165, 5181), (174, 5217), (183, 5253), (206, 5340), (246, 5484), (253, 5511), (263, 5544),

Gene: PP_25 Start: 17295, Stop: 18293, Start Num: 10
Candidate Starts for PP_25:
(Start: 10 @17295 has 117 MA's), (56, 17436), (82, 17517), (93, 17568), (99, 17595), (106, 17628), (158, 17826), (171, 17868), (192, 17955), (222, 18042), (224, 18060), (244, 18180), (245, 18183), (255, 18219),

Gene: PSirce_6 Start: 4885, Stop: 5832, Start Num: 25
Candidate Starts for PSirce_6:
(Start: 25 @4885 has 441 MA's), (49, 4972), (56, 5002), (58, 5014), (60, 5023), (73, 5059), (110, 5224), (128, 5308), (158, 5407), (225, 5629), (239, 5710),

Gene: PSullivan_17 Start: 12065, Stop: 13072, Start Num: 8
Candidate Starts for PSullivan_17:
(Start: 8 @12065 has 530 MA's), (69, 12275), (96, 12395), (100, 12416), (118, 12491), (136, 12572), (155, 12635), (162, 12653), (184, 12737), (230, 12914), (241, 12962),

Gene: Pace1224_7 Start: 7210, Stop: 8112, Start Num: 34
Candidate Starts for Pace1224_7:
(Start: 34 @7210 has 110 MA's), (47, 7267), (48, 7270), (49, 7282), (53, 7297), (77, 7381), (86, 7429), (94, 7462), (124, 7606), (137, 7657), (149, 7684), (155, 7708), (188, 7828), (198, 7864), (222, 7924), (256, 8071),

Gene: PacerPaul_15 Start: 11832, Stop: 12842, Start Num: 8
Candidate Starts for PacerPaul_15:
(Start: 8 @11832 has 530 MA's), (52, 11976), (62, 12027), (69, 12042), (96, 12162), (100, 12183), (118, 12258), (131, 12318), (155, 12402), (162, 12420), (184, 12504), (229, 12675), (230, 12681), (234, 12714), (241, 12735), (264, 12819),

Gene: PackMan_17 Start: 12848, Stop: 13807, Start Num: 8
Candidate Starts for PackMan_17:
(Start: 8 @12848 has 530 MA's), (35, 12908), (55, 12998), (56, 13004), (75, 13046), (81, 13076), (84, 13100), (95, 13145), (106, 13196), (110, 13208), (114, 13226), (147, 13349), (151, 13361), (222, 13592), (240, 13697),

Gene: Padfoot_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Padfoot_13:

(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Padpat_13 Start: 7934, Stop: 8869, Start Num: 25
Candidate Starts for Padpat_13:
(Start: 25 @7934 has 441 MA's), (50, 8024), (56, 8051), (93, 8198), (96, 8210), (98, 8222), (119, 8309), (139, 8393), (150, 8423), (219, 8621), (226, 8660), (239, 8744), (240, 8747), (248, 8780), (255, 8804), (269, 8846),

Gene: PainterBoy_17 Start: 12342, Stop: 13298, Start Num: 8
Candidate Starts for PainterBoy_17:
(Start: 8 @12342 has 530 MA's), (35, 12402), (55, 12492), (56, 12498), (75, 12540), (81, 12570), (84, 12594), (95, 12639), (106, 12690), (114, 12720), (126, 12774), (147, 12840), (253, 13242),

Gene: Paito_7 Start: 7162, Stop: 8097, Start Num: 34
Candidate Starts for Paito_7:
(Start: 34 @7162 has 110 MA's), (47, 7219), (48, 7222), (49, 7234), (86, 7381), (94, 7414), (98, 7432), (103, 7465), (108, 7483), (137, 7609), (198, 7825), (202, 7837), (222, 7906),

Gene: Pajaza_6 Start: 5146, Stop: 6075, Start Num: 24
Candidate Starts for Pajaza_6:
(Start: 24 @5146 has 17 MA's), (56, 5263), (60, 5284), (61, 5290), (73, 5320), (91, 5401), (93, 5407), (94, 5413), (96, 5419), (110, 5479), (128, 5563), (158, 5650), (165, 5671), (206, 5809), (229, 5899), (239, 5965), (245, 5992),

Gene: Palestino_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Palestino_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Panamaxus_16 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for Panamaxus_16:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Paola_11 Start: 7955, Stop: 8887, Start Num: 25
Candidate Starts for Paola_11:
(Start: 25 @7955 has 441 MA's), (56, 8072), (61, 8099), (80, 8159), (87, 8195), (89, 8201), (103, 8267), (119, 8330), (168, 8507), (239, 8765), (240, 8768), (248, 8801), (255, 8825),

Gene: Papafritta_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Papafritta_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Papez_17 Start: 13029, Stop: 14048, Start Num: 8
Candidate Starts for Papez_17:
(Start: 8 @13029 has 530 MA's), (62, 13224), (69, 13239), (96, 13359), (100, 13380), (118, 13455), (131, 13515), (184, 13701), (229, 13872), (230, 13878), (241, 13935), (250, 13971),

Gene: Paphu_14 Start: 11021, Stop: 12022, Start Num: 8
Candidate Starts for Paphu_14:
(Start: 8 @11021 has 530 MA's), (52, 11165), (62, 11216), (69, 11231), (96, 11351), (100, 11372), (118, 11447), (131, 11507), (162, 11609), (184, 11693), (221, 11813), (230, 11870), (240, 11909), (241, 11915), (254, 11966),

Gene: Paraselene_14 Start: 11334, Stop: 12338, Start Num: 8
Candidate Starts for Paraselene_14:
(Start: 8 @11334 has 530 MA's), (33, 11391), (52, 11478), (54, 11487), (62, 11529), (69, 11544), (96, 11664), (100, 11685), (118, 11760), (131, 11820), (162, 11922), (184, 12006), (191, 12036), (221, 12126), (229, 12177), (230, 12183), (241, 12231),

Gene: Pari_16 Start: 11800, Stop: 12813, Start Num: 8
Candidate Starts for Pari_16:
(Start: 8 @11800 has 530 MA's), (69, 12010), (96, 12130), (100, 12151), (118, 12226), (136, 12307), (155, 12370), (162, 12388), (184, 12472), (229, 12643), (230, 12649), (241, 12706), (250, 12742), (264, 12790),

Gene: ParleG_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for ParleG_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Parliament_14 Start: 11404, Stop: 12420, Start Num: 8
Candidate Starts for Parliament_14:
(Start: 8 @11404 has 530 MA's), (62, 11599), (69, 11614), (75, 11629), (88, 11701), (96, 11734), (100, 11755), (118, 11830), (131, 11890), (184, 12076), (229, 12247), (230, 12253), (241, 12310), (250, 12346),

Gene: Partridge_12 Start: 7760, Stop: 8662, Start Num: 18
Candidate Starts for Partridge_12:
(Start: 18 @7760 has 40 MA's), (56, 7889), (85, 7991), (96, 8033), (99, 8048), (106, 8081), (178, 8336), (192, 8396), (200, 8429),

Gene: PascalRango_14 Start: 11262, Stop: 12266, Start Num: 8
Candidate Starts for PascalRango_14:
(Start: 8 @11262 has 530 MA's), (52, 11406), (62, 11457), (69, 11472), (96, 11592), (100, 11613), (118, 11688), (131, 11748), (146, 11799), (147, 11802), (155, 11832), (162, 11850), (184, 11934), (221, 12054), (230, 12111), (241, 12159),

Gene: Patt_14 Start: 8926, Stop: 9855, Start Num: 25
Candidate Starts for Patt_14:
(Start: 25 @8926 has 441 MA's), (50, 9016), (55, 9037), (56, 9043), (61, 9070), (80, 9130), (102, 9232), (103, 9238), (131, 9358), (150, 9415), (175, 9505), (213, 9598), (226, 9652), (229, 9670), (239, 9736), (255, 9796),

Gene: PattyP_17 Start: 11858, Stop: 12859, Start Num: 8
Candidate Starts for PattyP_17:
(Start: 8 @11858 has 530 MA's), (69, 12068), (96, 12188), (100, 12209), (118, 12284), (131, 12344), (162, 12446), (184, 12530), (221, 12650), (230, 12707), (240, 12749), (241, 12755),

Gene: Pawn_17 Start: 11610, Stop: 12608, Start Num: 10
Candidate Starts for Pawn_17:

(Start: 10 @11610 has 117 MA's), (56, 11751), (90, 11871), (99, 11910), (106, 11943), (158, 12141), (178, 12210), (184, 12237), (204, 12318), (230, 12411), (236, 12456), (238, 12462), (244, 12495), (254, 12531), (260, 12555),

Gene: Payneful_15 Start: 11148, Stop: 12152, Start Num: 8
Candidate Starts for Payneful_15:
(Start: 8 @11148 has 530 MA's), (52, 11292), (54, 11301), (62, 11343), (69, 11358), (96, 11478), (100, 11499), (118, 11574), (131, 11634), (162, 11736), (184, 11820), (191, 11850), (221, 11940), (229, 11991), (230, 11997), (241, 12045),

Gene: PeaceMeal1_14 Start: 9363, Stop: 10295, Start Num: 8
Candidate Starts for PeaceMeal1_14:
(Start: 8 @9363 has 530 MA's), (35, 9423), (52, 9501), (56, 9519), (60, 9534), (75, 9561), (81, 9591), (84, 9615), (95, 9660), (106, 9711), (152, 9861), (156, 9876), (171, 9924), (184, 9978), (240, 10191), (249, 10227), (253, 10245), (258, 10260),

Gene: Peaches_15 Start: 11481, Stop: 12413, Start Num: 8
Candidate Starts for Peaches_15:
(Start: 8 @11481 has 530 MA's), (35, 11541), (56, 11637), (60, 11652), (81, 11709), (84, 11733), (106, 11829), (114, 11859), (126, 11913), (174, 12057), (184, 12099), (230, 12261), (233, 12294), (240, 12312), (249, 12348), (258, 12381),

Gene: Peanam_13 Start: 7012, Stop: 7941, Start Num: 25
Candidate Starts for Peanam_13:
(Start: 25 @7012 has 441 MA's), (50, 7102), (56, 7129), (61, 7156), (93, 7276), (96, 7288), (119, 7387), (139, 7471), (219, 7699), (226, 7738), (229, 7756), (239, 7822), (240, 7825), (255, 7882),

Gene: Peas_6 Start: 5556, Stop: 6539, Start Num: 12
Candidate Starts for Peas_6:
(Start: 12 @5556 has 10 MA's), (20, 5580), (44, 5658), (73, 5772), (96, 5862), (102, 5892), (107, 5913), (118, 5958), (197, 6243), (201, 6255), (221, 6309), (239, 6429),

Gene: Peeb_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Peeb_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Peel_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Peel_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Peep_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Peep_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (115, 5068), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: PeggyLeg03_6 Start: 5596, Stop: 6579, Start Num: 12
Candidate Starts for PeggyLeg03_6:
(Start: 12 @5596 has 10 MA's), (20, 5620), (44, 5698), (73, 5812), (102, 5932), (107, 5953), (118, 5998), (197, 6283), (201, 6295), (221, 6349), (239, 6469),

Gene: Pelly_16 Start: 12093, Stop: 13100, Start Num: 8
Candidate Starts for Pelly_16:
(Start: 8 @12093 has 530 MA's), (69, 12303), (96, 12423), (100, 12444), (118, 12519), (147, 12633), (155, 12663), (162, 12681), (184, 12765), (230, 12942), (241, 12990),

Gene: Pembroke_17 Start: 11540, Stop: 12532, Start Num: 10
Candidate Starts for Pembroke_17:
(Start: 10 @11540 has 117 MA's), (56, 11681), (90, 11801), (99, 11840), (106, 11873), (131, 11984), (158, 12071), (184, 12167), (204, 12248), (218, 12275), (222, 12287), (230, 12341), (236, 12386), (238, 12392), (244, 12425), (254, 12461), (260, 12485),

Gene: Penny1_17 Start: 11539, Stop: 12531, Start Num: 10
Candidate Starts for Penny1_17:
(Start: 10 @11539 has 117 MA's), (56, 11680), (90, 11800), (99, 11839), (106, 11872), (131, 11983), (158, 12070), (184, 12166), (204, 12247), (218, 12274), (222, 12286), (230, 12340), (236, 12385), (238, 12391), (244, 12424), (254, 12460), (260, 12484),

Gene: Penta_8 Start: 5405, Stop: 6397, Start Num: 25
Candidate Starts for Penta_8:
(Start: 25 @5405 has 441 MA's), (50, 5495), (55, 5516), (56, 5522), (58, 5534), (60, 5543), (93, 5672), (94, 5678), (96, 5684), (110, 5744), (115, 5765), (118, 5780), (165, 5954), (217, 6119), (222, 6134), (230, 6188), (239, 6248), (240, 6251),

Gene: Pepe_16 Start: 12056, Stop: 13063, Start Num: 8
Candidate Starts for Pepe_16:
(Start: 8 @12056 has 530 MA's), (69, 12266), (96, 12386), (100, 12407), (118, 12482), (136, 12563), (155, 12626), (162, 12644), (184, 12728), (230, 12905), (241, 12953),

Gene: Peppino_6 Start: 4705, Stop: 5697, Start Num: 25
Candidate Starts for Peppino_6:
(Start: 25 @4705 has 441 MA's), (56, 4822), (73, 4879), (91, 4966), (115, 5065), (158, 5233), (165, 5254), (166, 5260), (220, 5428), (224, 5452), (228, 5476), (239, 5548), (240, 5551),

Gene: Peridot_8 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Peridot_8:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Periodt_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Periodt_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Periwinkle_7 Start: 4897, Stop: 5835, Start Num: 34
Candidate Starts for Periwinkle_7:
(Start: 34 @4897 has 110 MA's), (44, 4939), (45, 4942), (68, 5032), (91, 5134), (105, 5206), (106, 5209), (154, 5398), (198, 5551), (202, 5563), (218, 5626), (228, 5680), (256, 5785), (261, 5806),

Gene: Perplexer_15 Start: 11485, Stop: 12417, Start Num: 8
Candidate Starts for Perplexer_15:

(Start: 8 @11485 has 530 MA's), (35, 11545), (56, 11641), (60, 11656), (81, 11713), (84, 11737), (106, 11833), (126, 11917), (174, 12061), (184, 12103), (230, 12265), (233, 12298), (249, 12352), (258, 12385),

Gene: Perseus_16 Start: 11716, Stop: 12714, Start Num: 8
Candidate Starts for Perseus_16:
(Start: 8 @11716 has 530 MA's), (52, 11860), (62, 11911), (69, 11926), (96, 12046), (100, 12067), (118, 12142), (131, 12202), (162, 12304), (184, 12388), (221, 12508), (230, 12565), (240, 12604), (241, 12610),

Gene: PeterPeter_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for PeterPeter_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Petersenfast_15 Start: 12702, Stop: 13691, Start Num: 7
Candidate Starts for Petersenfast_15:
(Start: 7 @12702 has 80 MA's), (35, 12762), (43, 12792), (55, 12852), (56, 12858), (75, 12900), (81, 12930), (84, 12954), (95, 12999), (106, 13050), (110, 13062), (114, 13080), (132, 13164), (147, 13200), (151, 13212), (158, 13239), (230, 13497), (253, 13602),

Gene: Peterson_18 Start: 13017, Stop: 14030, Start Num: 8
Candidate Starts for Peterson_18:
(Start: 8 @13017 has 530 MA's), (52, 13161), (62, 13212), (69, 13227), (96, 13347), (100, 13368), (118, 13443), (131, 13503), (162, 13605), (184, 13689), (221, 13809), (229, 13860), (230, 13866), (234, 13899), (241, 13920),

Gene: PetiteSangsue_15 Start: 11491, Stop: 12423, Start Num: 8
Candidate Starts for PetiteSangsue_15:
(Start: 8 @11491 has 530 MA's), (35, 11551), (56, 11647), (60, 11662), (81, 11719), (84, 11743), (106, 11839), (126, 11923), (174, 12067), (184, 12109), (230, 12271), (233, 12304), (249, 12358), (258, 12391),

Gene: Petp2012_17 Start: 12533, Stop: 13534, Start Num: 8
Candidate Starts for Petp2012_17:
(Start: 8 @12533 has 530 MA's), (69, 12743), (96, 12863), (100, 12884), (118, 12959), (131, 13019), (146, 13070), (147, 13073), (155, 13103), (162, 13121), (184, 13205), (230, 13382), (240, 13421), (241, 13427),

Gene: Petruchio_15 Start: 11274, Stop: 12281, Start Num: 8
Candidate Starts for Petruchio_15:
(Start: 8 @11274 has 530 MA's), (52, 11418), (62, 11469), (69, 11484), (96, 11604), (100, 11625), (118, 11700), (131, 11760), (155, 11844), (162, 11862), (184, 11946), (230, 12123), (240, 12162), (241, 12168),

Gene: PetterN_14 Start: 10599, Stop: 11540, Start Num: 17
Candidate Starts for PetterN_14:
(Start: 17 @10599 has 90 MA's), (56, 10728), (81, 10800), (99, 10887), (106, 10920), (114, 10950), (151, 11061), (154, 11076), (184, 11184), (190, 11208), (205, 11268), (222, 11307), (225, 11328), (231, 11376), (244, 11433), (254, 11469), (260, 11493),

Gene: Ph8s_17 Start: 10936, Stop: 11892, Start Num: 8

Candidate Starts for Ph8s_17:
(Start: 8 @10936 has 530 MA's), (35, 10996), (55, 11086), (56, 11092), (75, 11134), (81, 11164), (84, 11188), (95, 11233), (106, 11284), (110, 11296), (114, 11314), (140, 11419), (158, 11473), (172, 11518), (190, 11593), (192, 11602), (222, 11677),

Gene: Phabuloso_7 Start: 4901, Stop: 5842, Start Num: 34
Candidate Starts for Phabuloso_7:
(Start: 34 @4901 has 110 MA's), (68, 5036), (86, 5117), (91, 5138), (106, 5213), (135, 5339), (193, 5540), (198, 5558), (207, 5591), (226, 5675), (261, 5813),

Gene: Phacado_15 Start: 11478, Stop: 12410, Start Num: 8
Candidate Starts for Phacado_15:
(Start: 8 @11478 has 530 MA's), (35, 11538), (56, 11634), (81, 11706), (84, 11730), (106, 11826), (126, 11910), (174, 12054), (184, 12096), (230, 12258), (233, 12291), (240, 12309), (249, 12345), (258, 12378),

Gene: Phaded_19 Start: 14250, Stop: 15206, Start Num: 8
Candidate Starts for Phaded_19:
(Start: 8 @14250 has 530 MA's), (35, 14310), (50, 14379), (56, 14406), (75, 14448), (81, 14478), (84, 14502), (95, 14547), (106, 14598), (114, 14628), (151, 14760), (168, 14817), (222, 14991), (230, 15045),

Gene: Phaeder_17 Start: 12848, Stop: 13807, Start Num: 8
Candidate Starts for Phaeder_17:
(Start: 8 @12848 has 530 MA's), (35, 12908), (55, 12998), (56, 13004), (75, 13046), (81, 13076), (84, 13100), (95, 13145), (106, 13196), (110, 13208), (114, 13226), (147, 13349), (151, 13361), (222, 13592), (240, 13697),

Gene: PhailMary_11 Start: 7767, Stop: 8669, Start Num: 18
Candidate Starts for PhailMary_11:
(Start: 18 @7767 has 40 MA's), (56, 7896), (85, 7998), (96, 8040), (99, 8055), (106, 8088), (178, 8343), (192, 8403), (200, 8436),

Gene: Phanita_6 Start: 4886, Stop: 5827, Start Num: 25
Candidate Starts for Phanita_6:
(Start: 25 @4886 has 441 MA's), (49, 4973), (56, 5003), (58, 5015), (60, 5024), (80, 5093), (110, 5225), (128, 5309), (158, 5408), (165, 5429), (225, 5630), (239, 5711), (273, 5816),

Gene: Phantastic_15 Start: 11066, Stop: 12037, Start Num: 10
Candidate Starts for Phantastic_15:
(Start: 10 @11066 has 117 MA's), (16, 11075), (56, 11207), (90, 11327), (99, 11366), (106, 11399), (122, 11480), (171, 11636), (184, 11690), (204, 11771), (219, 11801), (222, 11810), (230, 11864), (236, 11909), (238, 11915), (244, 11948), (254, 11984),

Gene: Pharaoh_16 Start: 12627, Stop: 13589, Start Num: 8
Candidate Starts for Pharaoh_16:
(Start: 8 @12627 has 530 MA's), (35, 12687), (55, 12777), (56, 12783), (75, 12825), (81, 12855), (84, 12879), (95, 12924), (106, 12975), (114, 13005), (147, 13131), (151, 13143), (222, 13374), (240, 13479),

Gene: Pharb_12 Start: 7787, Stop: 8716, Start Num: 25
Candidate Starts for Pharb_12:

(Start: 25 @7787 has 441 MA's), (50, 7877), (56, 7904), (61, 7931), (96, 8063), (103, 8099), (118, 8159), (131, 8219), (136, 8237), (183, 8399), (224, 8501), (226, 8513), (229, 8531), (239, 8597), (264, 8687),

Gene: Phelipe_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Phelipe_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: PhelpsODU_12 Start: 6920, Stop: 7843, Start Num: 25
Candidate Starts for PhelpsODU_12:
(Start: 25 @6920 has 441 MA's), (39, 6953), (56, 7037), (93, 7184), (98, 7208), (109, 7253), (124, 7325), (128, 7340), (131, 7352), (139, 7379), (177, 7508), (221, 7613), (226, 7646), (229, 7664), (239, 7730), (240, 7733), (248, 7766),

Gene: Pherbot_6 Start: 4718, Stop: 5668, Start Num: 25
Candidate Starts for Pherbot_6:
(Start: 25 @4718 has 441 MA's), (55, 4829), (56, 4835), (60, 4856), (80, 4925), (83, 4943), (118, 5093), (120, 5105), (157, 5237), (158, 5240), (229, 5489), (239, 5543), (240, 5546), (245, 5570),

Gene: Pherferi_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Pherferi_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: PherrisBueller_16 Start: 11485, Stop: 12486, Start Num: 8
Candidate Starts for PherrisBueller_16:
(Start: 8 @11485 has 530 MA's), (52, 11629), (62, 11680), (69, 11695), (96, 11815), (100, 11836), (118, 11911), (131, 11971), (162, 12073), (184, 12157), (221, 12277), (230, 12334), (240, 12373), (241, 12379), (254, 12430),

Gene: Phiderman_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Phiderman_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Phighter1804_15 Start: 11457, Stop: 12389, Start Num: 8
Candidate Starts for Phighter1804_15:
(Start: 8 @11457 has 530 MA's), (35, 11517), (56, 11613), (60, 11628), (81, 11685), (84, 11709), (106, 11805), (114, 11835), (126, 11889), (184, 12075), (230, 12237), (233, 12270), (240, 12288), (249, 12324), (258, 12357),

Gene: Phillis_13 Start: 10354, Stop: 11304, Start Num: 17
Candidate Starts for Phillis_13:
(Start: 17 @10354 has 90 MA's), (56, 10483), (75, 10525), (99, 10642), (106, 10675), (121, 10750), (152, 10834), (178, 10924), (184, 10951), (192, 10984), (205, 11035), (222, 11074), (244, 11200), (254, 11236),

Gene: PhillyPhantom_6 Start: 4714, Stop: 5694, Start Num: 25
Candidate Starts for PhillyPhantom_6:
(Start: 25 @4714 has 441 MA's), (56, 4831), (80, 4921), (83, 4939), (91, 4975), (115, 5074), (128, 5137), (158, 5242), (165, 5263), (166, 5269), (228, 5485), (239, 5545), (245, 5572),

Gene: PhineBark_14 Start: 12373, Stop: 13377, Start Num: 8
Candidate Starts for PhineBark_14:
(Start: 8 @12373 has 530 MA's), (52, 12517), (54, 12526), (62, 12568), (69, 12583), (96, 12703), (100, 12724), (118, 12799), (131, 12859), (162, 12961), (184, 13045), (191, 13075), (221, 13165), (229, 13216), (230, 13222), (241, 13270),

Gene: Phireproof_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Phireproof_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Phish_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Phish_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: PhishRPhriends_16 Start: 10801, Stop: 11793, Start Num: 10
Candidate Starts for PhishRPhriends_16:
(Start: 10 @10801 has 117 MA's), (56, 10942), (90, 11062), (99, 11101), (106, 11134), (158, 11332), (178, 11401), (184, 11428), (204, 11509), (230, 11602), (236, 11647), (238, 11653), (244, 11686), (254, 11722), (260, 11746),

Gene: Phistory_7 Start: 4886, Stop: 5824, Start Num: 34
Candidate Starts for Phistory_7:
(Start: 34 @4886 has 110 MA's), (44, 4928), (45, 4931), (68, 5021), (91, 5123), (98, 5153), (106, 5198), (154, 5387), (183, 5480), (202, 5552), (218, 5615), (256, 5774), (261, 5795),

Gene: Phlei_12 Start: 12721, Stop: 13926, Start Num: 10
Candidate Starts for Phlei_12:
(Start: 10 @12721 has 117 MA's), (35, 12769), (56, 12865), (60, 12880), (81, 12937), (84, 12961), (88, 12976), (106, 13057), (114, 13087), (184, 13339), (222, 13447), (260, 13633), (275, 13660), (280, 13765), (281, 13780), (283, 13813), (285, 13837),

Gene: Phlippers_14 Start: 12556, Stop: 13557, Start Num: 8
Candidate Starts for Phlippers_14:
(Start: 8 @12556 has 530 MA's), (52, 12700), (62, 12751), (69, 12766), (96, 12886), (100, 12907), (118, 12982), (131, 13042), (155, 13126), (162, 13144), (184, 13228), (221, 13348), (230, 13405), (240, 13444), (241, 13450),

Gene: Phloodle_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Phloodle_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Phlorence_13 Start: 10907, Stop: 11839, Start Num: 17
Candidate Starts for Phlorence_13:
(Start: 17 @10907 has 90 MA's), (56, 11036), (75, 11078), (81, 11108), (99, 11195), (106, 11228), (151, 11369), (184, 11492), (190, 11516), (205, 11576), (222, 11615), (225, 11636), (231, 11684), (244, 11741), (254, 11777), (260, 11801),

Gene: Phoebe_17 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for Phoebe_17:

(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Phonnegut_17 Start: 12881, Stop: 13840, Start Num: 8
Candidate Starts for Phonnegut_17:
(Start: 8 @12881 has 530 MA's), (35, 12941), (55, 13031), (56, 13037), (75, 13079), (81, 13109), (84, 13133), (95, 13178), (106, 13229), (110, 13241), (114, 13259), (147, 13382), (151, 13394), (222, 13625), (240, 13730),

Gene: Phontbonne_15 Start: 11426, Stop: 12358, Start Num: 8
Candidate Starts for Phontbonne_15:
(Start: 8 @11426 has 530 MA's), (35, 11486), (56, 11582), (60, 11597), (81, 11654), (84, 11678), (106, 11774), (114, 11804), (126, 11858), (174, 12002), (184, 12044), (230, 12206), (233, 12239), (240, 12257), (249, 12293), (258, 12326),

Gene: PhorbesPhlower_6 Start: 4456, Stop: 5358, Start Num: 34
Candidate Starts for PhorbesPhlower_6:
(Start: 34 @4456 has 110 MA's), (47, 4513), (59, 4570), (86, 4675), (94, 4708), (135, 4897), (137, 4903), (188, 5074), (217, 5155), (256, 5314),

Gene: Phoxy_17 Start: 11623, Stop: 12615, Start Num: 10
Candidate Starts for Phoxy_17:
(Start: 10 @11623 has 117 MA's), (56, 11764), (90, 11884), (99, 11923), (106, 11956), (131, 12067), (158, 12154), (184, 12250), (204, 12331), (218, 12358), (222, 12370), (230, 12424), (236, 12469), (238, 12475), (244, 12508), (254, 12544), (260, 12568),

Gene: Phrank_12 Start: 6869, Stop: 7792, Start Num: 25
Candidate Starts for Phrank_12:
(Start: 25 @6869 has 441 MA's), (56, 6986), (61, 7013), (89, 7115), (93, 7133), (96, 7145), (98, 7157), (131, 7301), (221, 7562), (226, 7595), (229, 7613), (239, 7679), (240, 7682), (248, 7715), (263, 7766),

Gene: Phrankenstein_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Phrankenstein_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Phranny_18 Start: 11608, Stop: 12600, Start Num: 10
Candidate Starts for Phranny_18:
(Start: 10 @11608 has 117 MA's), (56, 11749), (90, 11869), (99, 11908), (106, 11941), (158, 12139), (178, 12208), (184, 12235), (204, 12316), (230, 12409), (236, 12454), (238, 12460), (244, 12493), (254, 12529), (260, 12553),

Gene: Phreak_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Phreak_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: PhredFlintston_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for PhredFlintston_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Phriends_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Phriends_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: PhrostyMug_15 Start: 11630, Stop: 12628, Start Num: 8
Candidate Starts for PhrostyMug_15:
(Start: 8 @11630 has 530 MA's), (52, 11774), (62, 11825), (69, 11840), (96, 11960), (100, 11981), (118, 12056), (131, 12116), (162, 12218), (184, 12302), (221, 12422), (230, 12479), (240, 12518), (241, 12524),

Gene: Piatt_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Piatt_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: PickleBack_13 Start: 10621, Stop: 11553, Start Num: 17
Candidate Starts for PickleBack_13:
(Start: 17 @10621 has 90 MA's), (56, 10750), (81, 10822), (99, 10909), (106, 10942), (151, 11083), (184, 11206), (190, 11230), (205, 11290), (222, 11329), (225, 11350), (231, 11398), (244, 11455), (254, 11491), (260, 11515),

Gene: Pikmin_6 Start: 5146, Stop: 6075, Start Num: 24
Candidate Starts for Pikmin_6:
(Start: 24 @5146 has 17 MA's), (56, 5263), (60, 5284), (61, 5290), (73, 5320), (91, 5401), (93, 5407), (94, 5413), (96, 5419), (110, 5479), (128, 5563), (158, 5650), (165, 5671), (166, 5677), (206, 5809), (229, 5899), (239, 5965), (245, 5992),

Gene: PinkPlastic_14 Start: 11399, Stop: 12400, Start Num: 8
Candidate Starts for PinkPlastic_14:
(Start: 8 @11399 has 530 MA's), (52, 11543), (62, 11594), (69, 11609), (96, 11729), (100, 11750), (118, 11825), (131, 11885), (162, 11987), (184, 12071), (221, 12191), (230, 12248), (240, 12287), (241, 12293), (254, 12344),

Gene: PinkYoshi_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for PinkYoshi_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Pinnie_8 Start: 7661, Stop: 8563, Start Num: 34
Candidate Starts for Pinnie_8:
(Start: 34 @7661 has 110 MA's), (38, 7670), (48, 7718), (86, 7877), (89, 7886), (94, 7910), (103, 7961), (104, 7964), (154, 8150), (161, 8171), (190, 8273), (198, 8303), (226, 8402),

Gene: Pinto_17 Start: 11707, Stop: 12717, Start Num: 8
Candidate Starts for Pinto_17:
(Start: 8 @11707 has 530 MA's), (52, 11851), (62, 11902), (69, 11917), (96, 12037), (100, 12058), (118, 12133), (131, 12193), (146, 12244), (147, 12247), (155, 12277), (162, 12295), (184, 12379), (229, 12550), (230, 12556), (234, 12589), (241, 12610), (264, 12694),

Gene: Pioneer_17 Start: 12881, Stop: 13840, Start Num: 8
Candidate Starts for Pioneer_17:

(Start: 8 @12881 has 530 MA's), (35, 12941), (55, 13031), (56, 13037), (75, 13079), (81, 13109), (84, 13133), (95, 13178), (106, 13229), (110, 13241), (114, 13259), (147, 13382), (151, 13394), (222, 13625), (240, 13730),

Gene: Pipcraft_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Pipcraft_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Piper2020_7 Start: 5010, Stop: 5918, Start Num: 25
Candidate Starts for Piper2020_7:
(Start: 25 @5010 has 441 MA's), (50, 5100), (51, 5103), (56, 5127), (73, 5184), (80, 5214), (98, 5298), (124, 5415), (164, 5547), (175, 5589), (222, 5706), (223, 5709), (229, 5754), (239, 5808), (242, 5823), (248, 5844),

Gene: Pippin_17 Start: 11968, Stop: 12978, Start Num: 8
Candidate Starts for Pippin_17:
(Start: 8 @11968 has 530 MA's), (52, 12112), (62, 12163), (69, 12178), (96, 12298), (100, 12319), (118, 12394), (131, 12454), (155, 12538), (162, 12556), (184, 12640), (229, 12811), (230, 12817), (241, 12871),

Gene: Pirate_6 Start: 4637, Stop: 5584, Start Num: 32
Candidate Starts for Pirate_6:
(Start: 32 @4637 has 42 MA's), (44, 4685), (52, 4724), (63, 4769), (83, 4844), (96, 4898), (99, 4913), (102, 4937), (103, 4943), (129, 5057), (135, 5084), (153, 5132), (159, 5150), (165, 5174), (174, 5210), (183, 5246), (189, 5273), (206, 5333), (246, 5477), (251, 5495), (253, 5504), (263, 5537),

Gene: Piro94_17 Start: 12671, Stop: 13627, Start Num: 8
Candidate Starts for Piro94_17:
(Start: 8 @12671 has 530 MA's), (15, 12686), (35, 12731), (56, 12827), (75, 12869), (81, 12899), (84, 12923), (95, 12968), (106, 13019), (114, 13049), (143, 13154), (151, 13181), (158, 13208), (172, 13253), (222, 13412), (224, 13430), (230, 13466), (240, 13517),

Gene: Pisa1_12 Start: 7688, Stop: 8623, Start Num: 25
Candidate Starts for Pisa1_12:
(Start: 25 @7688 has 441 MA's), (50, 7778), (56, 7805), (93, 7952), (96, 7964), (98, 7976), (119, 8063), (150, 8177), (219, 8375), (226, 8414), (229, 8432), (239, 8498), (240, 8501), (248, 8534), (255, 8558), (269, 8600),

Gene: Pisa4_12 Start: 7688, Stop: 8623, Start Num: 25
Candidate Starts for Pisa4_12:
(Start: 25 @7688 has 441 MA's), (50, 7778), (56, 7805), (93, 7952), (96, 7964), (98, 7976), (119, 8063), (150, 8177), (219, 8375), (226, 8414), (229, 8432), (239, 8498), (240, 8501), (248, 8534), (255, 8558), (269, 8600),

Gene: Pistachio_16 Start: 10650, Stop: 11624, Start Num: 10
Candidate Starts for Pistachio_16:
(Start: 10 @10650 has 117 MA's), (56, 10791), (90, 10911), (99, 10950), (106, 10983), (171, 11220), (178, 11247), (184, 11274), (205, 11358), (230, 11448), (236, 11493), (238, 11499), (244, 11532), (254, 11568),

Gene: Pita2_17 Start: 12065, Stop: 13072, Start Num: 8

Candidate Starts for Pita2_17:
(Start: 8 @12065 has 530 MA's), (69, 12275), (96, 12395), (100, 12416), (118, 12491), (136, 12572), (155, 12635), (162, 12653), (184, 12737), (230, 12914), (241, 12962),

Gene: Pitbull_6 Start: 4478, Stop: 5374, Start Num: 34
Candidate Starts for Pitbull_6:
(Start: 34 @4478 has 110 MA's), (59, 4589), (118, 4835), (127, 4880), (135, 4913), (147, 4943), (160, 4988), (198, 5126), (226, 5216), (245, 5294),

Gene: Pixie_12 Start: 7697, Stop: 8620, Start Num: 25
Candidate Starts for Pixie_12:
(Start: 25 @7697 has 441 MA's), (50, 7787), (56, 7814), (61, 7841), (96, 7973), (103, 8009), (109, 8030), (118, 8069), (131, 8129), (183, 8309), (224, 8411), (226, 8423), (229, 8441), (239, 8507), (264, 8597),

Gene: Plagueis_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Plagueis_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Plumbus_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Plumbus_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (55, 5119), (56, 5125), (65, 5164), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Pmask_19 Start: 12230, Stop: 13201, Start Num: 7
Candidate Starts for Pmask_19:
(Start: 7 @12230 has 80 MA's), (35, 12290), (56, 12386), (75, 12428), (81, 12458), (84, 12482), (95, 12527), (106, 12578), (110, 12590), (114, 12608), (147, 12713), (196, 12899), (260, 13172),

Gene: Pocahontas_16 Start: 11631, Stop: 12623, Start Num: 10
Candidate Starts for Pocahontas_16:
(Start: 10 @11631 has 117 MA's), (56, 11772), (99, 11931), (106, 11964), (156, 12156), (171, 12204), (178, 12231), (184, 12258), (204, 12339), (210, 12354), (222, 12378), (230, 12432), (236, 12477), (238, 12483), (244, 12516), (254, 12552), (268, 12594),

Gene: Pocket_6 Start: 4707, Stop: 5633, Start Num: 25
Candidate Starts for Pocket_6:
(Start: 25 @4707 has 441 MA's), (56, 4824), (60, 4845), (73, 4881), (93, 4974), (94, 4980), (96, 4986), (110, 5046), (128, 5130), (166, 5244), (204, 5370), (224, 5436), (239, 5520), (245, 5547), (269, 5622),

Gene: Pokerus_12 Start: 7888, Stop: 8823, Start Num: 25
Candidate Starts for Pokerus_12:
(Start: 25 @7888 has 441 MA's), (50, 7978), (56, 8005), (93, 8152), (96, 8164), (98, 8176), (119, 8263), (139, 8347), (150, 8377), (219, 8575), (226, 8614), (239, 8698), (240, 8701), (248, 8734), (255, 8758), (269, 8800),

Gene: Pollywog_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Pollywog_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Polymorphads_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Polymorphads_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Polyphemus_19 Start: 12232, Stop: 13203, Start Num: 7
Candidate Starts for Polyphemus_19:
(Start: 7 @12232 has 80 MA's), (35, 12292), (56, 12388), (75, 12430), (81, 12460), (84, 12484), (95, 12529), (106, 12580), (110, 12592), (114, 12610), (147, 12715), (196, 12901), (260, 13174),

Gene: Pomar16_19 Start: 12128, Stop: 13084, Start Num: 7
Candidate Starts for Pomar16_19:
(Start: 7 @12128 has 80 MA's), (35, 12188), (55, 12278), (56, 12284), (75, 12326), (81, 12356), (84, 12380), (95, 12425), (106, 12476), (110, 12488), (114, 12506), (119, 12527), (147, 12614), (151, 12626), (152, 12632), (158, 12653), (205, 12833), (222, 12857), (230, 12911), (267, 13058),

Gene: Pons_8 Start: 5091, Stop: 6050, Start Num: 17
Candidate Starts for Pons_8:
(Start: 17 @5091 has 90 MA's), (37, 5142), (44, 5181), (87, 5358), (97, 5400), (99, 5409), (110, 5454), (128, 5538), (155, 5634), (170, 5691), (187, 5745), (196, 5781), (256, 5994), (260, 6012),

Gene: Poompha_14 Start: 9361, Stop: 10293, Start Num: 8
Candidate Starts for Poompha_14:
(Start: 8 @9361 has 530 MA's), (35, 9421), (52, 9499), (56, 9517), (60, 9532), (75, 9559), (81, 9589), (84, 9613), (95, 9658), (106, 9709), (152, 9859), (156, 9874), (171, 9922), (184, 9976), (240, 10189), (249, 10225), (253, 10243), (258, 10258),

Gene: Popcicle_16 Start: 11631, Stop: 12623, Start Num: 10
Candidate Starts for Popcicle_16:
(Start: 10 @11631 has 117 MA's), (56, 11772), (99, 11931), (106, 11964), (156, 12156), (171, 12204), (178, 12231), (184, 12258), (204, 12339), (210, 12354), (222, 12378), (230, 12432), (236, 12477), (238, 12483), (244, 12516), (254, 12552), (268, 12594),

Gene: PotPie_8 Start: 5954, Stop: 6913, Start Num: 17
Candidate Starts for PotPie_8:
(Start: 17 @5954 has 90 MA's), (37, 6005), (66, 6134), (87, 6221), (97, 6263), (99, 6272), (110, 6317), (128, 6401), (155, 6497), (170, 6554), (187, 6608), (196, 6644), (256, 6857), (260, 6875), (278, 6905),

Gene: PotatoSplit_18 Start: 11539, Stop: 12531, Start Num: 10
Candidate Starts for PotatoSplit_18:
(Start: 10 @11539 has 117 MA's), (56, 11680), (90, 11800), (99, 11839), (106, 11872), (131, 11983), (158, 12070), (184, 12166), (204, 12247), (218, 12274), (222, 12286), (230, 12340), (236, 12385), (238, 12391), (244, 12424), (254, 12460), (260, 12484),

Gene: Power_16 Start: 12107, Stop: 13063, Start Num: 8
Candidate Starts for Power_16:
(Start: 8 @12107 has 530 MA's), (35, 12167), (50, 12236), (56, 12263), (75, 12305), (81, 12335), (95, 12404), (106, 12455), (114, 12485), (143, 12590), (158, 12644), (222, 12848), (224, 12866), (230, 12902), (240, 12953),

Gene: PowerRanger_15 Start: 11892, Stop: 12911, Start Num: 8

Candidate Starts for PowerRanger_15:
(Start: 8 @11892 has 530 MA's), (62, 12087), (69, 12102), (75, 12117), (88, 12189), (96, 12222), (100, 12243), (118, 12318), (131, 12378), (184, 12564), (229, 12735), (230, 12741), (241, 12798),

Gene: Priamo_19 Start: 12258, Stop: 13229, Start Num: 7
Candidate Starts for Priamo_19:
(Start: 7 @12258 has 80 MA's), (35, 12318), (56, 12414), (75, 12456), (81, 12486), (84, 12510), (95, 12555), (106, 12606), (110, 12618), (114, 12636), (147, 12741), (196, 12927), (260, 13200),

Gene: Prinashe11_14 Start: 10767, Stop: 11699, Start Num: 17
Candidate Starts for Prinashe11_14:
(Start: 17 @10767 has 90 MA's), (56, 10896), (75, 10938), (81, 10968), (99, 11055), (106, 11088), (184, 11352), (205, 11436), (222, 11475), (225, 11496), (231, 11544), (244, 11601), (254, 11637), (260, 11661),

Gene: PrincePhergus_6 Start: 4719, Stop: 5669, Start Num: 25
Candidate Starts for PrincePhergus_6:
(Start: 25 @4719 has 441 MA's), (56, 4836), (60, 4857), (73, 4893), (80, 4926), (83, 4944), (118, 5094), (120, 5106), (158, 5241), (229, 5490), (239, 5544), (240, 5547), (245, 5571),

Gene: Prithvi_13 Start: 7898, Stop: 8833, Start Num: 25
Candidate Starts for Prithvi_13:
(Start: 25 @7898 has 441 MA's), (50, 7988), (56, 8015), (93, 8162), (96, 8174), (98, 8186), (119, 8273), (150, 8387), (219, 8585), (226, 8624), (229, 8642), (239, 8708), (240, 8711), (248, 8744), (255, 8768), (269, 8810),

Gene: Priya_17 Start: 12879, Stop: 13838, Start Num: 8
Candidate Starts for Priya_17:
(Start: 8 @12879 has 530 MA's), (35, 12939), (55, 13029), (56, 13035), (75, 13077), (81, 13107), (84, 13131), (95, 13176), (106, 13227), (110, 13239), (114, 13257), (147, 13380), (151, 13392), (222, 13623), (240, 13728),

Gene: ProMouse_14 Start: 12028, Stop: 13035, Start Num: 8
Candidate Starts for ProMouse_14:
(Start: 8 @12028 has 530 MA's), (52, 12172), (62, 12223), (69, 12238), (96, 12358), (100, 12379), (118, 12454), (131, 12514), (155, 12598), (162, 12616), (184, 12700), (229, 12871), (230, 12877), (241, 12931),

Gene: Procrass1_6 Start: 4640, Stop: 5587, Start Num: 32
Candidate Starts for Procrass1_6:
(Start: 31 @4637 has 3 MA's), (Start: 32 @4640 has 42 MA's), (44, 4688), (53, 4730), (71, 4784), (92, 4886), (99, 4916), (103, 4946), (153, 5135), (159, 5153), (165, 5177), (174, 5213), (183, 5249), (189, 5276), (195, 5294), (206, 5336), (222, 5366), (246, 5480), (251, 5498), (253, 5507), (263, 5540),

Gene: Prudy_18 Start: 13968, Stop: 14924, Start Num: 8
Candidate Starts for Prudy_18:
(Start: 8 @13968 has 530 MA's), (35, 14028), (50, 14097), (56, 14124), (75, 14166), (81, 14196), (84, 14220), (95, 14265), (106, 14316), (114, 14346), (143, 14451), (151, 14478), (158, 14505), (172, 14550), (222, 14709), (224, 14727), (230, 14763), (240, 14814),

Gene: Psycho_11 Start: 7991, Stop: 8923, Start Num: 25
Candidate Starts for Psycho_11:

(Start: 25 @7991 has 441 MA's), (56, 8108), (61, 8135), (80, 8195), (87, 8231), (89, 8237), (96, 8267), (103, 8303), (119, 8366), (124, 8396), (239, 8801), (240, 8804), (255, 8861),

Gene: PsychoKiller_8 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for PsychoKiller_8:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (135, 5860), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: Pucara_6 Start: 5555, Stop: 6538, Start Num: 12
Candidate Starts for Pucara_6:
(Start: 12 @5555 has 10 MA's), (20, 5579), (44, 5657), (73, 5771), (102, 5891), (107, 5912), (118, 5957), (201, 6254), (221, 6308), (239, 6428),

Gene: Pukovnik_18 Start: 13817, Stop: 14773, Start Num: 8
Candidate Starts for Pukovnik_18:
(Start: 8 @13817 has 530 MA's), (35, 13877), (56, 13973), (75, 14015), (81, 14045), (84, 14069), (95, 14114), (106, 14165), (114, 14195), (143, 14300), (151, 14327), (158, 14354), (224, 14576), (230, 14612),

Gene: Pumbaa_15 Start: 11454, Stop: 12386, Start Num: 8
Candidate Starts for Pumbaa_15:
(Start: 8 @11454 has 530 MA's), (35, 11514), (56, 11610), (81, 11682), (84, 11706), (106, 11802), (114, 11832), (126, 11886), (174, 12030), (184, 12072), (230, 12234), (233, 12267), (240, 12285), (249, 12321), (258, 12354),

Gene: Puppet_15 Start: 11647, Stop: 12648, Start Num: 8
Candidate Starts for Puppet_15:
(Start: 8 @11647 has 530 MA's), (52, 11791), (62, 11842), (69, 11857), (96, 11977), (100, 11998), (118, 12073), (131, 12133), (155, 12217), (162, 12235), (184, 12319), (221, 12439), (230, 12496), (240, 12535), (241, 12541),

Gene: Puppy_16 Start: 10722, Stop: 11696, Start Num: 10
Candidate Starts for Puppy_16:
(Start: 10 @10722 has 117 MA's), (56, 10863), (90, 10983), (99, 11022), (106, 11055), (171, 11292), (178, 11319), (184, 11346), (205, 11430), (230, 11520), (236, 11565), (238, 11571), (244, 11604), (254, 11640),

Gene: PuppyEggo_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for PuppyEggo_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: PurpleHaze_17 Start: 11609, Stop: 12607, Start Num: 10
Candidate Starts for PurpleHaze_17:
(Start: 10 @11609 has 117 MA's), (56, 11750), (90, 11870), (99, 11909), (106, 11942), (158, 12140), (178, 12209), (184, 12236), (204, 12317), (230, 12410), (236, 12455), (238, 12461), (244, 12494), (254, 12530), (260, 12554),

Gene: QTRlifeCrisis_15 Start: 12033, Stop: 13043, Start Num: 8
Candidate Starts for QTRlifeCrisis_15:
(Start: 8 @12033 has 530 MA's), (52, 12177), (62, 12228), (69, 12243), (96, 12363), (100, 12384), (118, 12459), (131, 12519), (146, 12570), (155, 12603), (162, 12621), (184, 12705), (229, 12876), (230, 12882), (241, 12936), (264, 13020),

Gene: Qhanda_14 Start: 9184, Stop: 10113, Start Num: 25
Candidate Starts for Qhanda_14:
(Start: 25 @9184 has 441 MA's), (50, 9274), (55, 9295), (56, 9301), (61, 9328), (80, 9388), (102, 9490), (103, 9496), (118, 9556), (131, 9616), (150, 9673), (168, 9736), (175, 9763), (213, 9856), (226, 9910), (229, 9928), (239, 9994), (255, 10054),

Gene: Qobbit_17 Start: 12878, Stop: 13837, Start Num: 8
Candidate Starts for Qobbit_17:
(Start: 8 @12878 has 530 MA's), (35, 12938), (55, 13028), (56, 13034), (75, 13076), (81, 13106), (84, 13130), (95, 13175), (106, 13226), (110, 13238), (114, 13256), (147, 13379), (151, 13391), (222, 13622), (240, 13727),

Gene: QuadZero_8 Start: 5197, Stop: 6177, Start Num: 25
Candidate Starts for QuadZero_8:
(Start: 25 @5197 has 441 MA's), (55, 5308), (56, 5314), (60, 5335), (83, 5422), (94, 5470), (103, 5512), (110, 5536), (136, 5653), (157, 5722), (158, 5725), (217, 5911), (222, 5926), (224, 5944), (239, 6028), (240, 6031), (279, 6172),

Gene: Quartz_6 Start: 5021, Stop: 5974, Start Num: 25
Candidate Starts for Quartz_6:
(Start: 25 @5021 has 441 MA's), (56, 5138), (58, 5150), (60, 5159), (61, 5165), (73, 5195), (118, 5396), (128, 5444), (158, 5543), (206, 5702), (219, 5735), (222, 5744), (239, 5846), (240, 5849),

Gene: Quasar_8 Start: 6001, Stop: 6966, Start Num: 17
Candidate Starts for Quasar_8:
(Start: 17 @6001 has 90 MA's), (23, 6016), (37, 6052), (64, 6181), (110, 6367), (118, 6403), (144, 6505), (187, 6658), (204, 6724), (229, 6808), (249, 6880), (260, 6925),

Gene: QueenB2_16 Start: 12175, Stop: 13140, Start Num: 8
Candidate Starts for QueenB2_16:
(Start: 8 @12175 has 530 MA's), (35, 12235), (50, 12304), (56, 12331), (75, 12373), (81, 12403), (84, 12427), (95, 12472), (106, 12523), (132, 12637), (151, 12694), (158, 12721), (172, 12766), (222, 12925), (224, 12943), (230, 12979), (240, 13030),

Gene: QueenBeesly_16 Start: 12107, Stop: 13063, Start Num: 8
Candidate Starts for QueenBeesly_16:
(Start: 8 @12107 has 530 MA's), (35, 12167), (50, 12236), (56, 12263), (75, 12305), (81, 12335), (95, 12404), (106, 12455), (114, 12485), (143, 12590), (158, 12644), (222, 12848), (224, 12866), (230, 12902), (240, 12953),

Gene: QueenBey_6 Start: 4638, Stop: 5585, Start Num: 32
Candidate Starts for QueenBey_6:
(Start: 32 @4638 has 42 MA's), (44, 4686), (52, 4725), (63, 4770), (92, 4884), (96, 4899), (99, 4914), (103, 4944), (129, 5058), (159, 5151), (183, 5247), (206, 5334), (246, 5478), (253, 5505), (263, 5538),

Gene: Quico_7 Start: 5002, Stop: 5910, Start Num: 25
Candidate Starts for Quico_7:
(Start: 25 @5002 has 441 MA's), (50, 5092), (51, 5095), (56, 5119), (73, 5176), (80, 5206), (98, 5290), (124, 5407), (164, 5539), (175, 5581), (222, 5698), (223, 5701), (229, 5746), (239, 5800), (242, 5815), (248, 5836),

Gene: QuincyRose_12 Start: 7951, Stop: 8886, Start Num: 25

Candidate Starts for QuincyRose_12:
(Start: 25 @7951 has 441 MA's), (50, 8041), (56, 8068), (93, 8215), (96, 8227), (98, 8239), (119, 8326), (139, 8410), (150, 8440), (219, 8638), (226, 8677), (239, 8761), (240, 8764), (248, 8797), (255, 8821), (269, 8863),

Gene: QuinnKiro_15 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for QuinnKiro_15:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Quokka_14 Start: 11078, Stop: 12034, Start Num: 8
Candidate Starts for Quokka_14:
(Start: 8 @11078 has 530 MA's), (35, 11138), (50, 11207), (56, 11234), (75, 11276), (81, 11306), (84, 11330), (95, 11375), (106, 11426), (143, 11561), (151, 11588), (158, 11615), (172, 11660), (222, 11819), (224, 11837), (230, 11873), (240, 11924),

Gene: RADical_9 Start: 5381, Stop: 6352, Start Num: 17
Candidate Starts for RADical_9:
(Start: 17 @5381 has 90 MA's), (23, 5396), (37, 5432), (64, 5561), (110, 5747), (118, 5783), (135, 5861), (144, 5885), (187, 6038), (204, 6104), (249, 6260), (260, 6305),

Gene: RER2_5 Start: 4588, Stop: 5508, Start Num: 18
Candidate Starts for RER2_5:
(Start: 18 @4588 has 40 MA's), (56, 4717), (85, 4819), (96, 4861), (99, 4876), (106, 4909), (169, 5113), (192, 5209), (258, 5464),

Gene: RGL3_5 Start: 4576, Stop: 5496, Start Num: 18
Candidate Starts for RGL3_5:
(Start: 18 @4576 has 40 MA's), (56, 4705), (85, 4807), (96, 4849), (99, 4864), (106, 4897), (192, 5197), (200, 5230), (230, 5344), (260, 5464),

Gene: RSchmailzl_9 Start: 5521, Stop: 6492, Start Num: 17
Candidate Starts for RSchmailzl_9:
(Start: 17 @5521 has 90 MA's), (23, 5536), (37, 5572), (64, 5701), (110, 5887), (118, 5923), (135, 6001), (144, 6025), (187, 6178), (204, 6244), (249, 6400), (260, 6445),

Gene: Rabbs_7 Start: 7099, Stop: 8034, Start Num: 34
Candidate Starts for Rabbs_7:
(Start: 34 @7099 has 110 MA's), (47, 7156), (49, 7171), (86, 7318), (94, 7351), (113, 7438), (202, 7774), (222, 7843),

Gene: Raccoon_6 Start: 4711, Stop: 5691, Start Num: 25
Candidate Starts for Raccoon_6:
(Start: 25 @4711 has 441 MA's), (56, 4828), (80, 4918), (83, 4936), (91, 4972), (115, 5071), (128, 5134), (158, 5239), (165, 5260), (166, 5266), (228, 5482), (239, 5542), (245, 5569),

Gene: Rachaly_19 Start: 13848, Stop: 14795, Start Num: 13
Candidate Starts for Rachaly_19:
(Start: 12 @13842 has 10 MA's), (Start: 13 @13848 has 9 MA's), (35, 13899), (46, 13947), (56, 13995), (60, 14010), (75, 14037), (81, 14067), (88, 14106), (106, 14187), (130, 14289), (157, 14373), (184, 14472), (190, 14496), (219, 14571), (222, 14580), (230, 14634),

Gene: Rahalelujah_15 Start: 10914, Stop: 11882, Start Num: 8
Candidate Starts for Rahalelujah_15:
(Start: 8 @10914 has 530 MA's), (35, 10974), (56, 11070), (81, 11142), (84, 11166), (95, 11211), (106, 11262), (114, 11292), (143, 11397), (152, 11430), (158, 11451), (247, 11802),

Gene: Raid_16 Start: 11324, Stop: 12331, Start Num: 8
Candidate Starts for Raid_16:
(Start: 8 @11324 has 530 MA's), (52, 11468), (62, 11519), (69, 11534), (96, 11654), (100, 11675), (118, 11750), (131, 11810), (146, 11861), (155, 11894), (162, 11912), (184, 11996), (229, 12167), (230, 12173), (241, 12227),

Gene: Rajelicia_15 Start: 11541, Stop: 12557, Start Num: 8
Candidate Starts for Rajelicia_15:
(Start: 8 @11541 has 530 MA's), (62, 11736), (69, 11751), (96, 11871), (100, 11892), (118, 11967), (131, 12027), (184, 12213), (229, 12384), (230, 12390), (241, 12447), (250, 12483),

Gene: Ramen_13 Start: 7931, Stop: 8869, Start Num: 25
Candidate Starts for Ramen_13:
(Start: 25 @7931 has 441 MA's), (50, 8021), (56, 8048), (93, 8195), (96, 8207), (98, 8219), (119, 8306), (139, 8390), (150, 8420), (219, 8618), (226, 8657), (239, 8741), (240, 8744), (248, 8777), (255, 8801), (269, 8843),

Gene: Ramsey_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Ramsey_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: RanchParmCat_11 Start: 6145, Stop: 7074, Start Num: 26
Candidate Starts for RanchParmCat_11:
(Start: 26 @6145 has 7 MA's), (44, 6211), (71, 6307), (76, 6334), (97, 6430), (99, 6439), (100, 6445), (110, 6484), (118, 6520), (128, 6568), (187, 6775), (196, 6811), (249, 6997),

Gene: Rando14_11 Start: 6998, Stop: 7930, Start Num: 25
Candidate Starts for Rando14_11:
(Start: 25 @6998 has 441 MA's), (56, 7115), (61, 7142), (80, 7202), (87, 7238), (89, 7244), (96, 7274), (103, 7310), (119, 7373), (150, 7487), (168, 7550), (224, 7712), (239, 7808), (240, 7811), (248, 7844), (255, 7868),

Gene: Rapheph_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Rapheph_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Raptor_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Raptor_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Rapunzel97_13 Start: 7932, Stop: 8870, Start Num: 25
Candidate Starts for Rapunzel97_13:
(Start: 25 @7932 has 441 MA's), (50, 8022), (56, 8049), (93, 8196), (96, 8208), (98, 8220), (119, 8307), (139, 8391), (150, 8421), (219, 8619), (226, 8658), (239, 8742), (240, 8745), (248, 8778), (255, 8802),

(269, 8844),

Gene: Raqqa_7 Start: 5349, Stop: 6236, Start Num: 34
Candidate Starts for Raqqa_7:
(Start: 34 @5349 has 110 MA's), (53, 5436), (59, 5463), (77, 5520), (86, 5568), (93, 5595), (94, 5601), (98, 5619), (155, 5841), (185, 5943), (226, 6081),

Gene: Rasputin_12 Start: 7701, Stop: 8603, Start Num: 18
Candidate Starts for Rasputin_12:
(Start: 18 @7701 has 40 MA's), (56, 7830), (85, 7932), (96, 7974), (99, 7989), (106, 8022), (178, 8277), (192, 8337), (200, 8370),

Gene: Rattrick_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Rattrick_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Ravana_19 Start: 11256, Stop: 12206, Start Num: 8
Candidate Starts for Ravana_19:
(Start: 8 @11256 has 530 MA's), (35, 11316), (56, 11412), (81, 11484), (84, 11508), (95, 11553), (106, 11604), (114, 11634), (225, 12012), (249, 12132), (260, 12177),

Gene: ReMo_18 Start: 11295, Stop: 12245, Start Num: 8
Candidate Starts for ReMo_18:
(Start: 8 @11295 has 530 MA's), (35, 11355), (56, 11451), (81, 11523), (84, 11547), (95, 11592), (106, 11643), (114, 11673), (225, 12051), (249, 12171), (260, 12216),

Gene: Reba_18 Start: 11281, Stop: 12273, Start Num: 10
Candidate Starts for Reba_18:
(Start: 10 @11281 has 117 MA's), (56, 11422), (90, 11542), (99, 11581), (106, 11614), (158, 11812), (178, 11881), (184, 11908), (204, 11989), (230, 12082), (236, 12127), (238, 12133), (244, 12166), (254, 12202), (260, 12226),

Gene: Rebeuca_16 Start: 11434, Stop: 12372, Start Num: 8
Candidate Starts for Rebeuca_16:
(Start: 8 @11434 has 530 MA's), (35, 11494), (52, 11572), (56, 11590), (60, 11605), (75, 11632), (81, 11662), (84, 11686), (106, 11782), (110, 11794), (114, 11812), (131, 11887), (141, 11908), (184, 12049), (189, 12070), (225, 12178), (230, 12211), (240, 12262), (249, 12298),

Gene: RedBaron_9 Start: 5425, Stop: 6396, Start Num: 17
Candidate Starts for RedBaron_9:
(Start: 17 @5425 has 90 MA's), (23, 5440), (37, 5476), (64, 5605), (110, 5791), (118, 5827), (135, 5905), (144, 5929), (187, 6082), (204, 6148), (249, 6304), (260, 6349),

Gene: RedRock_19 Start: 14092, Stop: 15048, Start Num: 8
Candidate Starts for RedRock_19:
(Start: 8 @14092 has 530 MA's), (35, 14152), (50, 14221), (56, 14248), (75, 14290), (81, 14320), (84, 14344), (95, 14389), (106, 14440), (114, 14470), (120, 14500), (158, 14629), (172, 14674), (196, 14776), (224, 14851), (230, 14887), (240, 14938),

Gene: Redfield_6 Start: 4713, Stop: 5705, Start Num: 25
Candidate Starts for Redfield_6:

(Start: 25 @4713 has 441 MA's), (56, 4830), (73, 4887), (91, 4974), (115, 5073), (158, 5241), (165, 5262), (166, 5268), (220, 5436), (224, 5460), (228, 5484), (239, 5556), (240, 5559),

Gene: Refuge_19 Start: 14461, Stop: 15420, Start Num: 8
Candidate Starts for Refuge_19:
(Start: 8 @14461 has 530 MA's), (35, 14521), (50, 14590), (55, 14611), (56, 14617), (75, 14659), (81, 14689), (84, 14713), (95, 14758), (106, 14809), (114, 14839), (147, 14962), (151, 14974), (222, 15205), (240, 15310),

Gene: Relief_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for Relief_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: Remus_18 Start: 11256, Stop: 12206, Start Num: 8
Candidate Starts for Remus_18:
(Start: 8 @11256 has 530 MA's), (35, 11316), (56, 11412), (81, 11484), (84, 11508), (95, 11553), (106, 11604), (114, 11634), (225, 12012), (249, 12132), (260, 12177),

Gene: Remy19_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Remy19_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Renaissance_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Renaissance_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: RenegadeRaider_6 Start: 4718, Stop: 5668, Start Num: 25
Candidate Starts for RenegadeRaider_6:
(Start: 25 @4718 has 441 MA's), (55, 4829), (56, 4835), (60, 4856), (73, 4892), (83, 4943), (118, 5093), (120, 5105), (158, 5240), (165, 5261), (229, 5489), (239, 5543), (240, 5546), (245, 5570),

Gene: Renzie_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Renzie_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (115, 5068), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Reptar3000_14 Start: 8928, Stop: 9857, Start Num: 25
Candidate Starts for Reptar3000_14:
(Start: 25 @8928 has 441 MA's), (50, 9018), (55, 9039), (56, 9045), (61, 9072), (80, 9132), (102, 9234), (103, 9240), (131, 9360), (150, 9417), (175, 9507), (213, 9600), (226, 9654), (229, 9672), (239, 9738), (255, 9798),

Gene: ResDef_16 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for ResDef_16:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Retro23_16 Start: 12258, Stop: 13214, Start Num: 8
Candidate Starts for Retro23_16:
(Start: 8 @12258 has 530 MA's), (35, 12318), (50, 12387), (56, 12414), (75, 12456), (81, 12486), (84, 12510), (95, 12555), (106, 12606), (114, 12636), (143, 12741), (158, 12795), (222, 12999), (224, 13017), (230, 13053), (240, 13104),

Gene: RexFury_12 Start: 7747, Stop: 8667, Start Num: 18
Candidate Starts for RexFury_12:
(Start: 18 @7747 has 40 MA's), (56, 7876), (85, 7978), (96, 8020), (99, 8035), (106, 8068), (169, 8272), (192, 8368), (258, 8623),

Gene: Rhodalysa_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Rhodalysa_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: RhynO_16 Start: 11413, Stop: 12348, Start Num: 8
Candidate Starts for RhynO_16:
(Start: 8 @11413 has 530 MA's), (35, 11473), (52, 11551), (56, 11569), (60, 11584), (75, 11611), (81, 11641), (84, 11665), (106, 11761), (114, 11791), (141, 11884), (184, 12025), (189, 12046), (225, 12154), (230, 12187), (240, 12238), (249, 12274),

Gene: Rhynn_15 Start: 11635, Stop: 12642, Start Num: 8
Candidate Starts for Rhynn_15:
(Start: 8 @11635 has 530 MA's), (52, 11779), (54, 11788), (62, 11830), (69, 11845), (96, 11965), (100, 11986), (131, 12121), (162, 12223), (184, 12307), (191, 12337), (229, 12478), (230, 12484), (241, 12532),

Gene: Rialto_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Rialto_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Richarlison_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Richarlison_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Richo_13 Start: 7012, Stop: 7941, Start Num: 25
Candidate Starts for Richo_13:
(Start: 25 @7012 has 441 MA's), (50, 7102), (56, 7129), (61, 7156), (93, 7276), (96, 7288), (119, 7387), (139, 7471), (219, 7699), (226, 7738), (229, 7756), (239, 7822), (240, 7825), (255, 7882), (260, 7903),

Gene: RidgeCB_15 Start: 11162, Stop: 12181, Start Num: 8
Candidate Starts for RidgeCB_15:
(Start: 8 @11162 has 530 MA's), (62, 11357), (69, 11372), (96, 11492), (100, 11513), (118, 11588), (131, 11648), (184, 11834), (229, 12005), (230, 12011), (241, 12068), (250, 12104),

Gene: Rifter_19 Start: 12208, Stop: 13179, Start Num: 7
Candidate Starts for Rifter_19:
(Start: 7 @12208 has 80 MA's), (35, 12268), (56, 12364), (75, 12406), (81, 12436), (84, 12460), (95, 12505), (106, 12556), (110, 12568), (114, 12586), (147, 12691),

Gene: Rileysaurus_6 Start: 4632, Stop: 5579, Start Num: 32
Candidate Starts for Rileysaurus_6:
(Start: 31 @4629 has 3 MA's), (Start: 32 @4632 has 42 MA's), (44, 4680), (53, 4722), (71, 4776), (92, 4878), (99, 4908), (103, 4938), (116, 4989), (129, 5052), (159, 5145), (174, 5205), (183, 5241), (189, 5268), (195, 5286), (206, 5328), (246, 5472), (251, 5490), (253, 5499), (263, 5532),

Gene: Ringer_15 Start: 11892, Stop: 12902, Start Num: 8
Candidate Starts for Ringer_15:
(Start: 8 @11892 has 530 MA's), (52, 12036), (62, 12087), (69, 12102), (96, 12222), (100, 12243), (118, 12318), (131, 12378), (146, 12429), (155, 12462), (162, 12480), (184, 12564), (229, 12735), (230, 12741), (241, 12795),

Gene: Riyhil_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Riyhil_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Roary_13 Start: 10345, Stop: 11295, Start Num: 17
Candidate Starts for Roary_13:
(Start: 17 @10345 has 90 MA's), (56, 10474), (75, 10516), (99, 10633), (106, 10666), (121, 10741), (152, 10825), (178, 10915), (184, 10942), (192, 10975), (205, 11026), (222, 11065), (244, 11191), (254, 11227),

Gene: Roberts_8 Start: 5499, Stop: 6410, Start Num: 18
Candidate Starts for Roberts_8:
(Start: 18 @5499 has 40 MA's), (70, 5655), (84, 5721), (88, 5736), (104, 5808), (119, 5868), (158, 5994), (172, 6039), (174, 6048), (227, 6246), (230, 6267), (255, 6366), (260, 6387),

Gene: Robinson_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Robinson_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: RockieBear_14 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for RockieBear_14:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Rockstar_15 Start: 10980, Stop: 11978, Start Num: 10
Candidate Starts for Rockstar_15:
(Start: 10 @10980 has 117 MA's), (16, 10989), (56, 11121), (90, 11241), (99, 11280), (106, 11313), (131, 11424), (132, 11433), (171, 11550), (184, 11604), (204, 11685), (205, 11688), (230, 11778), (238, 11829), (244, 11862), (254, 11898),

Gene: RockyHorror_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for RockyHorror_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Rog141_6 Start: 4708, Stop: 5634, Start Num: 25

Candidate Starts for Rog141_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Rohr_16 Start: 11840, Stop: 12841, Start Num: 8
Candidate Starts for Rohr_16:
(Start: 8 @11840 has 530 MA's), (69, 12050), (96, 12170), (100, 12191), (118, 12266), (131, 12326), (162, 12428), (184, 12512), (221, 12632), (230, 12689), (240, 12728), (241, 12734),

Gene: Roimos_15 Start: 11072, Stop: 12046, Start Num: 10
Candidate Starts for Roimos_15:
(Start: 10 @11072 has 117 MA's), (56, 11213), (90, 11333), (99, 11372), (106, 11405), (171, 11642), (178, 11669), (184, 11696), (205, 11780), (230, 11870), (236, 11915), (238, 11921), (244, 11954), (254, 11990),

Gene: Roksolana_19 Start: 12235, Stop: 13206, Start Num: 7
Candidate Starts for Roksolana_19:
(Start: 7 @12235 has 80 MA's), (35, 12295), (56, 12391), (75, 12433), (81, 12463), (84, 12487), (95, 12532), (106, 12583), (110, 12595), (114, 12613), (147, 12718), (196, 12904), (260, 13177),

Gene: Romney_15 Start: 11478, Stop: 12410, Start Num: 8
Candidate Starts for Romney_15:
(Start: 8 @11478 has 530 MA's), (35, 11538), (56, 11634), (81, 11706), (84, 11730), (106, 11826), (126, 11910), (174, 12054), (184, 12096), (230, 12258), (233, 12291), (240, 12309), (249, 12345), (258, 12378),

Gene: Ronaldo_42 Start: 15254, Stop: 16228, Start Num: 25
Candidate Starts for Ronaldo_42:
(Start: 25 @15254 has 441 MA's), (47, 15326), (50, 15344), (56, 15371), (109, 15587), (136, 15704), (157, 15773), (186, 15881), (191, 15908), (196, 15929), (223, 16010), (226, 16037), (239, 16109), (240, 16112), (249, 16148),

Gene: Roosevelt_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Roosevelt_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Rosa24_14 Start: 11455, Stop: 12387, Start Num: 8
Candidate Starts for Rosa24_14:
(Start: 8 @11455 has 530 MA's), (35, 11515), (56, 11611), (81, 11683), (84, 11707), (106, 11803), (114, 11833), (126, 11887), (174, 12031), (184, 12073), (230, 12235), (233, 12268), (240, 12286), (249, 12322), (258, 12355),

Gene: Rosalind_18 Start: 11417, Stop: 12367, Start Num: 8
Candidate Starts for Rosalind_18:
(Start: 8 @11417 has 530 MA's), (35, 11477), (56, 11573), (81, 11645), (84, 11669), (95, 11714), (106, 11765), (114, 11795), (225, 12173), (249, 12293), (260, 12338),

Gene: RosieMae_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for RosieMae_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Rosmarinus_13 Start: 7962, Stop: 8897, Start Num: 25
Candidate Starts for Rosmarinus_13:
(Start: 25 @7962 has 441 MA's), (50, 8052), (56, 8079), (93, 8226), (96, 8238), (98, 8250), (119, 8337), (139, 8421), (150, 8451), (219, 8649), (226, 8688), (239, 8772), (240, 8775), (248, 8808), (255, 8832), (269, 8874),

Gene: Rowdy_18 Start: 11324, Stop: 12259, Start Num: 8
Candidate Starts for Rowdy_18:
(Start: 8 @11324 has 530 MA's), (35, 11384), (52, 11462), (56, 11480), (60, 11495), (75, 11522), (81, 11552), (84, 11576), (106, 11672), (114, 11702), (141, 11795), (171, 11882), (184, 11936), (189, 11957), (225, 12065), (230, 12098), (240, 12149), (249, 12185),

Gene: Rubeus_16 Start: 11666, Stop: 12676, Start Num: 8
Candidate Starts for Rubeus_16:
(Start: 8 @11666 has 530 MA's), (52, 11810), (62, 11861), (69, 11876), (96, 11996), (100, 12017), (118, 12092), (131, 12152), (146, 12203), (155, 12236), (162, 12254), (184, 12338), (229, 12509), (230, 12515), (241, 12569),

Gene: Rufus_16 Start: 11723, Stop: 12727, Start Num: 8
Candidate Starts for Rufus_16:
(Start: 8 @11723 has 530 MA's), (69, 11933), (96, 12053), (100, 12074), (118, 12149), (131, 12209), (146, 12260), (147, 12263), (162, 12311), (184, 12395), (230, 12572), (240, 12611), (241, 12617),

Gene: Ruin_15 Start: 11478, Stop: 12410, Start Num: 8
Candidate Starts for Ruin_15:
(Start: 8 @11478 has 530 MA's), (35, 11538), (56, 11634), (81, 11706), (84, 11730), (106, 11826), (126, 11910), (174, 12054), (184, 12096), (230, 12258), (233, 12291), (240, 12309), (249, 12345), (258, 12378),

Gene: Rummer_17 Start: 11623, Stop: 12615, Start Num: 10
Candidate Starts for Rummer_17:
(Start: 10 @11623 has 117 MA's), (56, 11764), (90, 11884), (99, 11923), (106, 11956), (131, 12067), (158, 12154), (184, 12250), (204, 12331), (218, 12358), (222, 12370), (230, 12424), (236, 12469), (238, 12475), (244, 12508), (254, 12544), (260, 12568),

Gene: Ruotula_14 Start: 11843, Stop: 12847, Start Num: 8
Candidate Starts for Ruotula_14:
(Start: 8 @11843 has 530 MA's), (69, 12053), (96, 12173), (100, 12194), (118, 12269), (131, 12329), (146, 12380), (155, 12413), (162, 12431), (184, 12515), (230, 12692), (240, 12731), (241, 12737),

Gene: Ruriko_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Ruriko_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Rutherferd_17 Start: 12184, Stop: 13182, Start Num: 8
Candidate Starts for Rutherferd_17:
(Start: 8 @12184 has 530 MA's), (69, 12394), (96, 12514), (100, 12535), (118, 12610), (131, 12670), (162, 12772), (184, 12856), (221, 12976), (230, 13033), (240, 13072), (241, 13078),

Gene: Ruthiejr_13 Start: 8782, Stop: 9711, Start Num: 25
Candidate Starts for Ruthiejr_13:

(Start: 25 @8782 has 441 MA's), (50, 8872), (55, 8893), (56, 8899), (61, 8926), (80, 8986), (96, 9058), (102, 9088), (103, 9094), (150, 9271), (168, 9334), (175, 9361), (183, 9394), (213, 9454), (226, 9508), (239, 9592), (248, 9628), (255, 9652),

Gene: RyeScarlet_18 Start: 12884, Stop: 13843, Start Num: 8
Candidate Starts for RyeScarlet_18:
(Start: 8 @12884 has 530 MA's), (35, 12944), (55, 13034), (56, 13040), (75, 13082), (81, 13112), (84, 13136), (95, 13181), (106, 13232), (110, 13244), (114, 13262), (147, 13385), (151, 13397), (222, 13628), (240, 13733),

Gene: SJay_6 Start: 4709, Stop: 5635, Start Num: 25
Candidate Starts for SJay_6:
(Start: 25 @4709 has 441 MA's), (56, 4826), (60, 4847), (73, 4883), (93, 4976), (94, 4982), (96, 4988), (110, 5048), (115, 5069), (128, 5132), (166, 5246), (204, 5372), (224, 5438), (239, 5522), (245, 5549), (269, 5624),

Gene: SKKY_6 Start: 4645, Stop: 5616, Start Num: 32
Candidate Starts for SKKY_6:
(Start: 31 @4642 has 3 MA's), (Start: 32 @4645 has 42 MA's), (44, 4693), (53, 4735), (71, 4789), (92, 4891), (99, 4921), (103, 4951), (116, 5002), (129, 5065), (159, 5158), (165, 5182), (174, 5218), (183, 5254), (189, 5281), (195, 5299), (206, 5341), (246, 5485), (251, 5503), (253, 5512), (263, 5545),

Gene: STLscum_16 Start: 11754, Stop: 12770, Start Num: 8
Candidate Starts for STLscum_16:
(Start: 8 @11754 has 530 MA's), (62, 11949), (69, 11964), (96, 12084), (100, 12105), (118, 12180), (131, 12240), (184, 12426), (229, 12597), (230, 12603), (241, 12660), (250, 12696),

Gene: Sabertooth_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Sabertooth_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Sabia_17 Start: 11532, Stop: 12524, Start Num: 10
Candidate Starts for Sabia_17:
(Start: 10 @11532 has 117 MA's), (56, 11673), (90, 11793), (99, 11832), (106, 11865), (131, 11976), (158, 12063), (184, 12159), (204, 12240), (218, 12267), (222, 12279), (230, 12333), (236, 12378), (238, 12384), (244, 12417), (254, 12453), (260, 12477),

Gene: Sabinator_17 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for Sabinator_17:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Sachima_15 Start: 12848, Stop: 13807, Start Num: 8
Candidate Starts for Sachima_15:
(Start: 8 @12848 has 530 MA's), (35, 12908), (55, 12998), (56, 13004), (75, 13046), (81, 13076), (84, 13100), (95, 13145), (106, 13196), (110, 13208), (114, 13226), (147, 13349), (151, 13361), (222, 13592), (240, 13697),

Gene: Sagefire_16 Start: 12435, Stop: 13442, Start Num: 8
Candidate Starts for Sagefire_16:

(Start: 8 @12435 has 530 MA's), (52, 12579), (62, 12630), (69, 12645), (96, 12765), (100, 12786), (118, 12861), (131, 12921), (146, 12972), (155, 13005), (162, 13023), (184, 13107), (229, 13278), (230, 13284), (241, 13338),

Gene: Saintus_13 Start: 10360, Stop: 11310, Start Num: 17
Candidate Starts for Saintus_13:
(Start: 17 @10360 has 90 MA's), (56, 10489), (75, 10531), (99, 10648), (106, 10681), (121, 10756), (152, 10840), (178, 10930), (184, 10957), (192, 10990), (205, 11041), (222, 11080), (244, 11206), (254, 11242),

Gene: Salvus_10 Start: 6753, Stop: 7742, Start Num: 21
Candidate Starts for Salvus_10:
(Start: 21 @6753 has 4 MA's), (43, 6816), (44, 6828), (55, 6879), (56, 6885), (73, 6942), (88, 6999), (94, 7026), (116, 7116), (148, 7233), (150, 7239), (176, 7323), (209, 7443), (225, 7494), (237, 7581), (252, 7644),

Gene: Salz_16 Start: 12696, Stop: 13685, Start Num: 7
Candidate Starts for Salz_16:
(Start: 7 @12696 has 80 MA's), (35, 12756), (43, 12786), (55, 12846), (56, 12852), (75, 12894), (81, 12924), (84, 12948), (95, 12993), (106, 13044), (110, 13056), (114, 13074), (132, 13158), (147, 13194), (151, 13206), (158, 13233), (230, 13491), (253, 13596),

Gene: SamScheppers_12 Start: 8691, Stop: 9620, Start Num: 25
Candidate Starts for SamScheppers_12:
(Start: 25 @8691 has 441 MA's), (50, 8781), (55, 8802), (56, 8808), (61, 8835), (80, 8895), (102, 8997), (103, 9003), (118, 9063), (131, 9123), (150, 9180), (168, 9243), (175, 9270), (213, 9363), (226, 9417), (229, 9435), (239, 9501), (255, 9561),

Gene: SamuelLPlaqson_13 Start: 7882, Stop: 8817, Start Num: 25
Candidate Starts for SamuelLPlaqson_13:
(Start: 25 @7882 has 441 MA's), (50, 7972), (56, 7999), (93, 8146), (96, 8158), (98, 8170), (119, 8257), (150, 8371), (219, 8569), (226, 8608), (229, 8626), (239, 8692), (248, 8728), (255, 8752), (269, 8794),

Gene: Sandaddy_14 Start: 11560, Stop: 12564, Start Num: 8
Candidate Starts for Sandaddy_14:
(Start: 8 @11560 has 530 MA's), (52, 11704), (54, 11713), (62, 11755), (69, 11770), (96, 11890), (100, 11911), (118, 11986), (131, 12046), (162, 12148), (184, 12232), (191, 12262), (221, 12352), (229, 12403), (230, 12409), (241, 12457),

Gene: Sansa_5 Start: 4885, Stop: 5841, Start Num: 25
Candidate Starts for Sansa_5:
(Start: 25 @4885 has 441 MA's), (49, 4972), (56, 5002), (58, 5014), (60, 5023), (80, 5092), (110, 5224), (128, 5308), (158, 5407), (165, 5428), (225, 5629), (239, 5710),

Gene: Sanya_14 Start: 12221, Stop: 13219, Start Num: 8
Candidate Starts for Sanya_14:
(Start: 8 @12221 has 530 MA's), (52, 12365), (62, 12416), (69, 12431), (96, 12551), (100, 12572), (118, 12647), (131, 12707), (162, 12809), (184, 12893), (221, 13013), (230, 13070), (240, 13109), (241, 13115),

Gene: SarFire_15 Start: 11420, Stop: 12436, Start Num: 8
Candidate Starts for SarFire_15:

(Start: 8 @11420 has 530 MA's), (62, 11615), (69, 11630), (96, 11750), (100, 11771), (118, 11846), (131, 11906), (184, 12092), (229, 12263), (230, 12269), (241, 12326), (250, 12362),

Gene: Saratos_6 Start: 4886, Stop: 5827, Start Num: 25
Candidate Starts for Saratos_6:
(Start: 25 @4886 has 441 MA's), (49, 4973), (56, 5003), (58, 5015), (60, 5024), (73, 5060), (110, 5225), (128, 5309), (158, 5408), (225, 5630), (239, 5711), (273, 5816),

Gene: Sarma624_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Sarma624_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (232, 5775), (239, 5805), (242, 5820), (248, 5841),

Gene: Saskia_15 Start: 12699, Stop: 13688, Start Num: 7
Candidate Starts for Saskia_15:
(Start: 7 @12699 has 80 MA's), (35, 12759), (43, 12789), (55, 12849), (56, 12855), (75, 12897), (81, 12927), (84, 12951), (95, 12996), (106, 13047), (110, 13059), (114, 13077), (132, 13161), (147, 13197), (151, 13209), (158, 13236), (230, 13494), (253, 13599),

Gene: SaturnRing_15 Start: 11103, Stop: 12077, Start Num: 10
Candidate Starts for SaturnRing_15:
(Start: 10 @11103 has 117 MA's), (56, 11244), (90, 11364), (99, 11403), (106, 11436), (171, 11673), (178, 11700), (184, 11727), (205, 11811), (230, 11901), (236, 11946), (238, 11952), (244, 11985), (254, 12021),

Gene: Scamp_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Scamp_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Scarlett_12 Start: 6805, Stop: 7728, Start Num: 25
Candidate Starts for Scarlett_12:
(Start: 25 @6805 has 441 MA's), (55, 6916), (56, 6922), (61, 6949), (93, 7069), (96, 7081), (98, 7093), (119, 7180), (124, 7210), (128, 7225), (136, 7255), (150, 7294), (161, 7330), (226, 7531), (239, 7615), (240, 7618), (248, 7651), (255, 7675),

Gene: Scherzo_17 Start: 12881, Stop: 13840, Start Num: 8
Candidate Starts for Scherzo_17:
(Start: 8 @12881 has 530 MA's), (35, 12941), (55, 13031), (56, 13037), (75, 13079), (81, 13109), (84, 13133), (95, 13178), (106, 13229), (110, 13241), (114, 13259), (147, 13382), (151, 13394), (222, 13625), (240, 13730),

Gene: Schiebel_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Schiebel_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Schimmels22_9 Start: 5932, Stop: 6927, Start Num: 25
Candidate Starts for Schimmels22_9:
(Start: 25 @5932 has 441 MA's), (50, 6022), (55, 6043), (56, 6049), (58, 6061), (60, 6070), (93, 6199), (94, 6205), (96, 6211), (110, 6271), (115, 6292), (118, 6307), (165, 6481), (217, 6646), (222, 6661),

(230, 6715), (239, 6775), (240, 6778),

Gene: Schnapsidee_6 Start: 4704, Stop: 5696, Start Num: 25
Candidate Starts for Schnapsidee_6:
(Start: 25 @4704 has 441 MA's), (56, 4821), (73, 4878), (91, 4965), (115, 5064), (158, 5232), (165, 5253), (166, 5259), (220, 5427), (224, 5451), (228, 5475), (239, 5547), (240, 5550),

Gene: Schubert_7 Start: 5292, Stop: 6233, Start Num: 25
Candidate Starts for Schubert_7:
(Start: 25 @5292 has 441 MA's), (55, 5403), (56, 5409), (60, 5430), (73, 5466), (83, 5517), (110, 5631), (128, 5715), (157, 5811), (158, 5814), (229, 6063), (239, 6117), (245, 6144), (270, 6222),

Gene: Scissor2024_9 Start: 5573, Stop: 6565, Start Num: 25
Candidate Starts for Scissor2024_9:
(Start: 25 @5573 has 441 MA's), (55, 5684), (56, 5690), (60, 5711), (93, 5840), (94, 5846), (96, 5852), (103, 5888), (110, 5912), (115, 5933), (118, 5948), (165, 6122), (217, 6287), (222, 6302), (224, 6320), (239, 6416), (240, 6419),

Gene: Scorpia_14 Start: 10600, Stop: 11541, Start Num: 17
Candidate Starts for Scorpia_14:
(Start: 17 @10600 has 90 MA's), (56, 10729), (81, 10801), (99, 10888), (106, 10921), (114, 10951), (151, 11062), (184, 11185), (190, 11209), (205, 11269), (222, 11308), (225, 11329), (231, 11377), (244, 11434), (254, 11470), (260, 11494),

Gene: Scout_15 Start: 10403, Stop: 11377, Start Num: 10
Candidate Starts for Scout_15:
(Start: 10 @10403 has 117 MA's), (16, 10412), (56, 10544), (90, 10664), (99, 10703), (106, 10736), (171, 10973), (178, 11000), (184, 11027), (205, 11111), (230, 11201), (236, 11246), (238, 11252), (244, 11285), (254, 11321),

Gene: Scowl_16 Start: 12111, Stop: 13115, Start Num: 8
Candidate Starts for Scowl_16:
(Start: 8 @12111 has 530 MA's), (52, 12255), (62, 12306), (69, 12321), (96, 12441), (100, 12462), (118, 12537), (131, 12597), (162, 12699), (184, 12783), (191, 12813), (221, 12903), (229, 12954), (230, 12960), (241, 13008),

Gene: Seabiscuit_17 Start: 11640, Stop: 12650, Start Num: 8
Candidate Starts for Seabiscuit_17:
(Start: 8 @11640 has 530 MA's), (52, 11784), (62, 11835), (69, 11850), (96, 11970), (100, 11991), (118, 12066), (131, 12126), (155, 12210), (162, 12228), (184, 12312), (229, 12483), (230, 12489), (241, 12543),

Gene: Seagreen_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Seagreen_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (224, 5722), (229, 5752), (232, 5776), (239, 5806),

Gene: Seanderson_16 Start: 12084, Stop: 13085, Start Num: 8
Candidate Starts for Seanderson_16:
(Start: 8 @12084 has 530 MA's), (52, 12228), (62, 12279), (69, 12294), (96, 12414), (100, 12435), (118, 12510), (131, 12570), (155, 12654), (162, 12672), (184, 12756), (230, 12933), (240, 12972), (241, 12978), (264, 13062),

Gene: Sedgewig_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Sedgewig_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: SemperFi_18 Start: 12535, Stop: 13491, Start Num: 8
Candidate Starts for SemperFi_18:
(Start: 8 @12535 has 530 MA's), (35, 12595), (46, 12643), (56, 12691), (75, 12733), (81, 12763), (84, 12787), (95, 12832), (106, 12883), (114, 12913), (143, 13018), (151, 13045), (158, 13072), (222, 13276), (224, 13294), (230, 13330), (240, 13381),

Gene: SenorClean_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for SenorClean_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Serenity_15 Start: 11078, Stop: 12034, Start Num: 8
Candidate Starts for Serenity_15:
(Start: 8 @11078 has 530 MA's), (35, 11138), (50, 11207), (56, 11234), (75, 11276), (81, 11306), (84, 11330), (95, 11375), (106, 11426), (143, 11561), (151, 11588), (158, 11615), (172, 11660), (222, 11819), (224, 11837), (230, 11873), (240, 11924),

Gene: Severus_14 Start: 9361, Stop: 10293, Start Num: 8
Candidate Starts for Severus_14:
(Start: 8 @9361 has 530 MA's), (35, 9421), (52, 9499), (56, 9517), (60, 9532), (75, 9559), (81, 9589), (84, 9613), (95, 9658), (106, 9709), (152, 9859), (156, 9874), (171, 9922), (184, 9976), (240, 10189), (249, 10225), (253, 10243), (258, 10258),

Gene: SgtBeansprout_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for SgtBeansprout_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: ShaboiShabazz_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for ShaboiShabazz_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Shadow1_11 Start: 6780, Stop: 7703, Start Num: 25
Candidate Starts for Shadow1_11:
(Start: 25 @6780 has 441 MA's), (56, 6897), (61, 6924), (89, 7026), (93, 7044), (96, 7056), (98, 7068), (131, 7212), (221, 7473), (226, 7506), (229, 7524), (239, 7590), (240, 7593), (248, 7626), (263, 7677),

Gene: ShaiHulud_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for ShaiHulud_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Shaka_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Shaka_15:

(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (114, 11857), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Sham4_16 Start: 12702, Stop: 13691, Start Num: 7
Candidate Starts for Sham4_16:
(Start: 7 @12702 has 80 MA's), (35, 12762), (43, 12792), (55, 12852), (56, 12858), (75, 12900), (81, 12930), (84, 12954), (95, 12999), (106, 13050), (110, 13062), (114, 13080), (132, 13164), (147, 13200), (151, 13212), (158, 13239), (230, 13497), (253, 13602),

Gene: Shamu_6 Start: 4886, Stop: 5833, Start Num: 25
Candidate Starts for Shamu_6:
(Start: 25 @4886 has 441 MA's), (49, 4973), (56, 5003), (58, 5015), (60, 5024), (73, 5060), (110, 5225), (128, 5309), (158, 5408), (225, 5630), (239, 5711),

Gene: Shaobing_13 Start: 7012, Stop: 7941, Start Num: 25
Candidate Starts for Shaobing_13:
(Start: 25 @7012 has 441 MA's), (50, 7102), (56, 7129), (61, 7156), (93, 7276), (96, 7288), (119, 7387), (139, 7471), (219, 7699), (226, 7738), (229, 7756), (239, 7822), (240, 7825), (255, 7882),

Gene: Shapes_18 Start: 11324, Stop: 12259, Start Num: 8
Candidate Starts for Shapes_18:
(Start: 8 @11324 has 530 MA's), (35, 11384), (52, 11462), (56, 11480), (60, 11495), (75, 11522), (81, 11552), (84, 11576), (106, 11672), (114, 11702), (141, 11795), (171, 11882), (184, 11936), (189, 11957), (225, 12065), (230, 12098), (240, 12149), (249, 12185),

Gene: ShawBrad_7 Start: 4901, Stop: 5842, Start Num: 34
Candidate Starts for ShawBrad_7:
(Start: 34 @4901 has 110 MA's), (68, 5036), (86, 5117), (91, 5138), (106, 5213), (135, 5339), (193, 5540), (198, 5558), (207, 5591), (226, 5675), (261, 5813),

Gene: ShayRa_19 Start: 11417, Stop: 12367, Start Num: 8
Candidate Starts for ShayRa_19:
(Start: 8 @11417 has 530 MA's), (35, 11477), (56, 11573), (81, 11645), (84, 11669), (95, 11714), (106, 11765), (114, 11795), (225, 12173), (249, 12293), (260, 12338),

Gene: SheaKeira_16 Start: 11082, Stop: 12050, Start Num: 8
Candidate Starts for SheaKeira_16:
(Start: 8 @11082 has 530 MA's), (35, 11142), (56, 11238), (75, 11280), (81, 11310), (84, 11334), (87, 11346), (95, 11379), (106, 11430), (114, 11460), (158, 11619), (184, 11715),

Gene: SheckWes_7 Start: 5091, Stop: 6050, Start Num: 17
Candidate Starts for SheckWes_7:
(Start: 17 @5091 has 90 MA's), (37, 5142), (44, 5181), (87, 5358), (97, 5400), (99, 5409), (110, 5454), (128, 5538), (155, 5634), (170, 5691), (187, 5745), (196, 5781), (256, 5994), (260, 6012),

Gene: ShedlockHolmes_12 Start: 7945, Stop: 8868, Start Num: 25
Candidate Starts for ShedlockHolmes_12:
(Start: 25 @7945 has 441 MA's), (50, 8035), (56, 8062), (61, 8089), (96, 8221), (103, 8257), (109, 8278), (118, 8317), (131, 8377), (183, 8557), (224, 8659), (226, 8671), (229, 8689), (239, 8755), (264, 8845),

Gene: Shee_6 Start: 4705, Stop: 5631, Start Num: 25

Candidate Starts for Shee_6:
(Start: 25 @4705 has 441 MA's), (56, 4822), (60, 4843), (73, 4879), (93, 4972), (94, 4978), (96, 4984), (110, 5044), (128, 5128), (166, 5242), (204, 5368), (224, 5434), (239, 5518), (245, 5545), (269, 5620),

Gene: Sheen_17 Start: 13160, Stop: 14149, Start Num: 9
Candidate Starts for Sheen_17:
(Start: 9 @13160 has 1 MA's), (50, 13277), (56, 13304), (90, 13424), (93, 13436), (99, 13463), (106, 13496), (139, 13634), (149, 13661), (158, 13691), (180, 13766), (204, 13868), (218, 13895), (222, 13907), (224, 13925), (240, 14027), (244, 14048),

Gene: SheldonCooper_15 Start: 11458, Stop: 12390, Start Num: 8
Candidate Starts for SheldonCooper_15:
(Start: 8 @11458 has 530 MA's), (35, 11518), (56, 11614), (60, 11629), (81, 11686), (84, 11710), (106, 11806), (114, 11836), (126, 11890), (174, 12034), (184, 12076), (230, 12238), (233, 12271), (240, 12289), (249, 12325), (258, 12358),

Gene: ShiaSurprise_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for ShiaSurprise_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: ShortQueendom_14 Start: 11226, Stop: 12242, Start Num: 8
Candidate Starts for ShortQueendom_14:
(Start: 8 @11226 has 530 MA's), (62, 11421), (69, 11436), (75, 11451), (88, 11523), (96, 11556), (100, 11577), (118, 11652), (131, 11712), (184, 11898), (229, 12069), (230, 12075), (241, 12132), (250, 12168),

Gene: Shuman_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Shuman_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Shygu2_15 Start: 11486, Stop: 12418, Start Num: 8
Candidate Starts for Shygu2_15:
(Start: 8 @11486 has 530 MA's), (35, 11546), (56, 11642), (81, 11714), (84, 11738), (106, 11834), (126, 11918), (174, 12062), (184, 12104), (230, 12266), (233, 12299), (240, 12317), (249, 12353), (258, 12386),

Gene: Sibs6_17 Start: 11860, Stop: 12879, Start Num: 8
Candidate Starts for Sibs6_17:
(Start: 8 @11860 has 530 MA's), (69, 12070), (96, 12190), (100, 12211), (118, 12286), (131, 12346), (155, 12430), (162, 12448), (184, 12532), (191, 12562), (221, 12652), (230, 12709), (241, 12766), (250, 12802),

Gene: SilverChicken_7 Start: 4878, Stop: 5813, Start Num: 34
Candidate Starts for SilverChicken_7:
(Start: 34 @4878 has 110 MA's), (47, 4932), (56, 4977), (68, 5013), (91, 5115), (106, 5190), (152, 5370), (170, 5436), (198, 5532), (207, 5565), (211, 5583), (218, 5607), (226, 5649), (251, 5748), (256, 5766), (261, 5787),

Gene: SimranZ1_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for SimranZ1_7:

(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Sinatra_6 Start: 4719, Stop: 5666, Start Num: 25
Candidate Starts for Sinatra_6:
(Start: 25 @4719 has 441 MA's), (55, 4830), (56, 4836), (60, 4857), (73, 4893), (80, 4926), (83, 4944), (118, 5094), (120, 5106), (158, 5241), (229, 5490), (239, 5544), (240, 5547), (245, 5571),

Gene: SirPhilip_12 Start: 6640, Stop: 7569, Start Num: 25
Candidate Starts for SirPhilip_12:
(Start: 25 @6640 has 441 MA's), (50, 6730), (56, 6757), (61, 6784), (93, 6904), (96, 6916), (119, 7015), (124, 7045), (128, 7060), (144, 7108), (177, 7228), (221, 7333), (226, 7366), (239, 7450), (240, 7453), (248, 7486), (255, 7510), (264, 7540),

Gene: SirVictor_6 Start: 4803, Stop: 5753, Start Num: 25
Candidate Starts for SirVictor_6:
(Start: 25 @4803 has 441 MA's), (55, 4914), (56, 4920), (60, 4941), (73, 4977), (83, 5028), (118, 5178), (120, 5190), (158, 5325), (229, 5574), (239, 5628), (240, 5631), (245, 5655),

Gene: Sizemore_7 Start: 7104, Stop: 8039, Start Num: 34
Candidate Starts for Sizemore_7:
(Start: 34 @7104 has 110 MA's), (47, 7161), (48, 7164), (49, 7176), (77, 7275), (86, 7323), (94, 7356), (103, 7407), (124, 7500), (202, 7779), (214, 7818), (260, 8013),

Gene: SketchMex_7 Start: 5369, Stop: 6331, Start Num: 17
Candidate Starts for SketchMex_7:
(Start: 17 @5369 has 90 MA's), (23, 5384), (37, 5411), (64, 5537), (71, 5546), (86, 5624), (97, 5669), (99, 5678), (110, 5723), (118, 5759), (134, 5834), (187, 6014), (196, 6050), (197, 6053), (204, 6080), (249, 6236), (256, 6263), (260, 6281),

Gene: SkiPole_17 Start: 11733, Stop: 12731, Start Num: 8
Candidate Starts for SkiPole_17:
(Start: 8 @11733 has 530 MA's), (52, 11877), (69, 11943), (82, 12000), (96, 12063), (100, 12084), (118, 12159), (131, 12219), (162, 12321), (184, 12405), (221, 12525), (230, 12582), (240, 12621), (241, 12627),

Gene: Skipitt_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Skipitt_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Skitty_6 Start: 4404, Stop: 5294, Start Num: 34
Candidate Starts for Skitty_6:
(Start: 34 @4404 has 110 MA's), (59, 4515), (116, 4749), (127, 4806), (131, 4821), (160, 4911), (173, 4962), (202, 5058), (222, 5106), (264, 5280),

Gene: Sknot_16 Start: 12213, Stop: 13169, Start Num: 8
Candidate Starts for Sknot_16:
(Start: 8 @12213 has 530 MA's), (35, 12273), (50, 12342), (56, 12369), (75, 12411), (81, 12441), (84, 12465), (95, 12510), (106, 12561), (110, 12573), (143, 12696), (151, 12723), (158, 12750), (172, 12795), (222, 12954), (224, 12972), (230, 13008), (240, 13059),

Gene: Slagathor_16 Start: 11512, Stop: 12513, Start Num: 8
Candidate Starts for Slagathor_16:
(Start: 8 @11512 has 530 MA's), (69, 11722), (96, 11842), (100, 11863), (118, 11938), (131, 11998), (146, 12049), (147, 12052), (155, 12082), (162, 12100), (184, 12184), (230, 12361), (240, 12400), (241, 12406),

Gene: Slarp_14 Start: 9175, Stop: 10104, Start Num: 25
Candidate Starts for Slarp_14:
(Start: 25 @9175 has 441 MA's), (50, 9265), (55, 9286), (56, 9292), (61, 9319), (80, 9379), (102, 9481), (103, 9487), (118, 9547), (131, 9607), (150, 9664), (168, 9727), (175, 9754), (213, 9847), (226, 9901), (229, 9919), (239, 9985), (255, 10045),

Gene: Slim_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Slim_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Slimphazie_13 Start: 7932, Stop: 8870, Start Num: 25
Candidate Starts for Slimphazie_13:
(Start: 25 @7932 has 441 MA's), (50, 8022), (56, 8049), (93, 8196), (96, 8208), (98, 8220), (119, 8307), (139, 8391), (150, 8421), (219, 8619), (226, 8658), (239, 8742), (240, 8745), (248, 8778), (255, 8802), (269, 8844),

Gene: Smairt_16 Start: 12031, Stop: 13050, Start Num: 8
Candidate Starts for Smairt_16:
(Start: 8 @12031 has 530 MA's), (62, 12226), (69, 12241), (96, 12361), (100, 12382), (118, 12457), (131, 12517), (184, 12703), (229, 12874), (230, 12880), (241, 12937), (250, 12973),

Gene: Smeadley_13 Start: 10378, Stop: 11328, Start Num: 17
Candidate Starts for Smeadley_13:
(Start: 17 @10378 has 90 MA's), (56, 10507), (75, 10549), (99, 10666), (106, 10699), (121, 10774), (152, 10858), (178, 10948), (184, 10975), (192, 11008), (205, 11059), (222, 11098), (244, 11224), (254, 11260),

Gene: Smeagan_18 Start: 12620, Stop: 13576, Start Num: 8
Candidate Starts for Smeagan_18:
(Start: 8 @12620 has 530 MA's), (35, 12680), (46, 12728), (50, 12749), (56, 12776), (75, 12818), (81, 12848), (84, 12872), (106, 12968), (110, 12980), (143, 13103), (151, 13130), (158, 13157), (172, 13202), (222, 13361), (224, 13379), (230, 13415), (240, 13466),

Gene: Smeagol_16 Start: 12447, Stop: 13466, Start Num: 8
Candidate Starts for Smeagol_16:
(Start: 8 @12447 has 530 MA's), (52, 12591), (62, 12642), (69, 12657), (96, 12777), (100, 12798), (118, 12873), (131, 12933), (155, 13017), (162, 13035), (184, 13119), (229, 13290), (230, 13296), (241, 13353), (250, 13389),

Gene: SmellyB_19 Start: 12240, Stop: 13211, Start Num: 7
Candidate Starts for SmellyB_19:
(Start: 7 @12240 has 80 MA's), (35, 12300), (56, 12396), (75, 12438), (81, 12468), (84, 12492), (95, 12537), (106, 12588), (110, 12600), (114, 12618), (147, 12723), (196, 12909), (260, 13182),

Gene: SnapTap_16 Start: 12107, Stop: 13063, Start Num: 8
Candidate Starts for SnapTap_16:
(Start: 8 @12107 has 530 MA's), (35, 12167), (50, 12236), (56, 12263), (75, 12305), (81, 12335), (84, 12359), (95, 12404), (106, 12455), (114, 12485), (143, 12590), (158, 12644), (222, 12848), (224, 12866), (230, 12902), (240, 12953),

Gene: Snape_16 Start: 12702, Stop: 13691, Start Num: 7
Candidate Starts for Snape_16:
(Start: 7 @12702 has 80 MA's), (35, 12762), (43, 12792), (55, 12852), (56, 12858), (75, 12900), (81, 12930), (84, 12954), (95, 12999), (106, 13050), (110, 13062), (114, 13080), (132, 13164), (147, 13200), (151, 13212), (158, 13239), (230, 13497), (253, 13602),

Gene: Snazzy_13 Start: 11040, Stop: 12038, Start Num: 8
Candidate Starts for Snazzy_13:
(Start: 8 @11040 has 530 MA's), (52, 11184), (62, 11235), (69, 11250), (96, 11370), (100, 11391), (118, 11466), (131, 11526), (155, 11610), (162, 11628), (184, 11712), (230, 11889), (240, 11928), (241, 11934),

Gene: Sneeze_7 Start: 7098, Stop: 8033, Start Num: 34
Candidate Starts for Sneeze_7:
(Start: 34 @7098 has 110 MA's), (47, 7155), (49, 7170), (86, 7317), (94, 7350), (113, 7437), (202, 7773), (222, 7842),

Gene: Snickers_17 Start: 11513, Stop: 12505, Start Num: 10
Candidate Starts for Snickers_17:
(Start: 10 @11513 has 117 MA's), (56, 11654), (90, 11774), (99, 11813), (106, 11846), (131, 11957), (158, 12044), (184, 12140), (204, 12221), (218, 12248), (222, 12260), (230, 12314), (236, 12359), (238, 12365), (244, 12398), (254, 12434), (260, 12458),

Gene: SoSeph_11 Start: 8082, Stop: 9014, Start Num: 25
Candidate Starts for SoSeph_11:
(Start: 25 @8082 has 441 MA's), (56, 8199), (61, 8226), (80, 8286), (87, 8322), (89, 8328), (103, 8394), (119, 8457), (168, 8634), (239, 8892), (240, 8895), (248, 8928), (255, 8952),

Gene: SoYo_17 Start: 11450, Stop: 12442, Start Num: 10
Candidate Starts for SoYo_17:
(Start: 10 @11450 has 117 MA's), (56, 11591), (90, 11711), (99, 11750), (106, 11783), (131, 11894), (158, 11981), (184, 12077), (204, 12158), (218, 12185), (222, 12197), (230, 12251), (236, 12296), (238, 12302), (244, 12335), (254, 12371), (260, 12395),

Gene: Socotra_9 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for Socotra_9:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (135, 5860), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: SoilDragon_17 Start: 11224, Stop: 12216, Start Num: 10
Candidate Starts for SoilDragon_17:
(Start: 10 @11224 has 117 MA's), (56, 11365), (90, 11485), (99, 11524), (106, 11557), (131, 11668), (158, 11755), (184, 11851), (204, 11932), (218, 11959), (222, 11971), (230, 12025), (236, 12070), (238, 12076), (244, 12109), (254, 12145), (260, 12169),

Gene: SoilGremlin_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for SoilGremlin_6:

(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Solid_6 Start: 4644, Stop: 5591, Start Num: 32
Candidate Starts for Solid_6:
(Start: 32 @4644 has 42 MA's), (44, 4692), (53, 4734), (71, 4788), (92, 4890), (99, 4920), (104, 4953), (129, 5064), (153, 5139), (159, 5157), (165, 5181), (174, 5217), (183, 5253), (189, 5280), (195, 5298), (206, 5340), (246, 5484), (251, 5502), (253, 5511), (263, 5544),

Gene: SolidSnake_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for SolidSnake_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Solon_15 Start: 12191, Stop: 13189, Start Num: 8
Candidate Starts for Solon_15:
(Start: 8 @12191 has 530 MA's), (52, 12335), (62, 12386), (69, 12401), (96, 12521), (100, 12542), (118, 12617), (131, 12677), (162, 12779), (184, 12863), (221, 12983), (230, 13040), (240, 13079), (241, 13085),

Gene: SonOfLevi_6 Start: 4709, Stop: 5635, Start Num: 24
Candidate Starts for SonOfLevi_6:
(Start: 24 @4709 has 17 MA's), (56, 4826), (60, 4847), (73, 4883), (93, 4976), (94, 4982), (96, 4988), (110, 5048), (128, 5132), (166, 5246), (204, 5372), (219, 5411), (224, 5438), (239, 5522), (245, 5549), (269, 5624),

Gene: Sopespian_8 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for Sopespian_8:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (135, 5860), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: Soror1_6 Start: 4714, Stop: 5694, Start Num: 25
Candidate Starts for Soror1_6:
(Start: 25 @4714 has 441 MA's), (56, 4831), (80, 4921), (83, 4939), (91, 4975), (115, 5074), (128, 5137), (158, 5242), (165, 5263), (166, 5269), (228, 5485), (239, 5545), (245, 5572),

Gene: SororFago_15 Start: 11241, Stop: 12188, Start Num: 13
Candidate Starts for SororFago_15:
(Start: 13 @11241 has 9 MA's), (35, 11292), (56, 11388), (60, 11403), (75, 11430), (81, 11460), (88, 11499), (95, 11529), (106, 11580), (143, 11715), (222, 11973), (230, 12027), (240, 12078),

Gene: Sorpresa_15 Start: 11560, Stop: 12564, Start Num: 8
Candidate Starts for Sorpresa_15:
(Start: 8 @11560 has 530 MA's), (52, 11704), (54, 11713), (62, 11755), (69, 11770), (96, 11890), (100, 11911), (118, 11986), (131, 12046), (162, 12148), (184, 12232), (191, 12262), (221, 12352), (229, 12403), (230, 12409), (241, 12457),

Gene: Soshari_19 Start: 11622, Stop: 12614, Start Num: 10
Candidate Starts for Soshari_19:
(Start: 10 @11622 has 117 MA's), (56, 11763), (90, 11883), (99, 11922), (106, 11955), (131, 12066), (158, 12153), (184, 12249), (204, 12330), (218, 12357), (222, 12369), (230, 12423), (236, 12468), (238, 12474), (244, 12507), (254, 12543), (260, 12567),

Gene: Soul22_7 Start: 4877, Stop: 5812, Start Num: 34
Candidate Starts for Soul22_7:
(Start: 34 @4877 has 110 MA's), (45, 4922), (47, 4931), (56, 4976), (68, 5012), (91, 5114), (106, 5189), (152, 5369), (170, 5435), (198, 5531), (207, 5564), (211, 5582), (218, 5606), (226, 5648), (251, 5747), (256, 5765), (261, 5786),

Gene: Soups_18 Start: 11417, Stop: 12367, Start Num: 8
Candidate Starts for Soups_18:
(Start: 8 @11417 has 530 MA's), (35, 11477), (56, 11573), (81, 11645), (84, 11669), (95, 11714), (106, 11765), (114, 11795), (225, 12173), (249, 12293), (260, 12338),

Gene: Sparky_6 Start: 5365, Stop: 6333, Start Num: 22
Candidate Starts for Sparky_6:
(Start: 22 @5365 has 2 MA's), (36, 5389), (50, 5455), (56, 5482), (62, 5512), (80, 5569), (89, 5611), (94, 5635), (96, 5641), (98, 5653), (118, 5737), (131, 5797), (170, 5920), (192, 6016), (209, 6082), (222, 6112), (229, 6160), (232, 6184), (239, 6214), (240, 6217), (248, 6250),

Gene: Spartoi_6 Start: 4700, Stop: 5608, Start Num: 18
Candidate Starts for Spartoi_6:
(Start: 18 @4700 has 40 MA's), (50, 4799), (67, 4853), (84, 4922), (104, 5009), (131, 5129), (174, 5255), (175, 5258), (178, 5270), (247, 5540),

Gene: Sparxx_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Sparxx_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Spike509_17 Start: 11623, Stop: 12615, Start Num: 10
Candidate Starts for Spike509_17:
(Start: 10 @11623 has 117 MA's), (56, 11764), (90, 11884), (99, 11923), (106, 11956), (131, 12067), (158, 12154), (184, 12250), (204, 12331), (218, 12358), (222, 12370), (230, 12424), (236, 12469), (238, 12475), (244, 12508), (254, 12544), (260, 12568),

Gene: SpikeBT_17 Start: 12496, Stop: 13500, Start Num: 8
Candidate Starts for SpikeBT_17:
(Start: 8 @12496 has 530 MA's), (52, 12640), (54, 12649), (62, 12691), (69, 12706), (96, 12826), (100, 12847), (118, 12922), (131, 12982), (162, 13084), (184, 13168), (221, 13288), (229, 13339), (230, 13345), (241, 13393),

Gene: Spikelee_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Spikelee_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Spino_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Spino_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Spock_13 Start: 7974, Stop: 8909, Start Num: 25

Candidate Starts for Spock_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Spooky_7 Start: 4889, Stop: 5827, Start Num: 34
Candidate Starts for Spooky_7:
(Start: 34 @4889 has 110 MA's), (44, 4931), (45, 4934), (68, 5024), (91, 5126), (105, 5198), (106, 5201), (112, 5219), (154, 5390), (185, 5495), (195, 5531), (198, 5543), (202, 5555), (218, 5618), (256, 5777), (261, 5798),

Gene: Spouty_17 Start: 12878, Stop: 13837, Start Num: 8
Candidate Starts for Spouty_17:
(Start: 8 @12878 has 530 MA's), (35, 12938), (55, 13028), (56, 13034), (75, 13076), (81, 13106), (84, 13130), (95, 13175), (106, 13226), (110, 13238), (114, 13256), (147, 13379), (151, 13391), (222, 13622), (240, 13727),

Gene: Squee_16 Start: 12036, Stop: 13052, Start Num: 8
Candidate Starts for Squee_16:
(Start: 8 @12036 has 530 MA's), (62, 12231), (69, 12246), (75, 12261), (88, 12333), (96, 12366), (100, 12387), (118, 12462), (131, 12522), (184, 12708), (229, 12879), (230, 12885), (241, 12942), (250, 12978),

Gene: Squiddly_8 Start: 5582, Stop: 6520, Start Num: 34
Candidate Starts for Squiddly_8:
(Start: 34 @5582 has 110 MA's), (44, 5624), (45, 5627), (68, 5717), (91, 5819), (98, 5849), (106, 5894), (154, 6083), (202, 6248), (218, 6311), (256, 6470), (261, 6491),

Gene: Squirty_7 Start: 5006, Stop: 5914, Start Num: 25
Candidate Starts for Squirty_7:
(Start: 25 @5006 has 441 MA's), (55, 5117), (56, 5123), (65, 5162), (73, 5180), (80, 5210), (98, 5294), (124, 5411), (158, 5525), (164, 5543), (222, 5702), (223, 5705), (224, 5720), (229, 5750), (232, 5774), (239, 5804), (242, 5819), (248, 5840),

Gene: StCroix_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for StCroix_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Stagni_17 Start: 11541, Stop: 12533, Start Num: 10
Candidate Starts for Stagni_17:
(Start: 10 @11541 has 117 MA's), (56, 11682), (90, 11802), (99, 11841), (106, 11874), (131, 11985), (158, 12072), (184, 12168), (204, 12249), (218, 12276), (222, 12288), (230, 12342), (236, 12387), (238, 12393), (244, 12426), (254, 12462), (260, 12486),

Gene: Stanktossa_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Stanktossa_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Stap_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Stap_7:

(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: StarStuff_19 Start: 12087, Stop: 13043, Start Num: 7
Candidate Starts for StarStuff_19:
(Start: 7 @12087 has 80 MA's), (35, 12147), (55, 12237), (56, 12243), (75, 12285), (81, 12315), (84, 12339), (95, 12384), (106, 12435), (110, 12447), (114, 12465), (119, 12486), (147, 12573), (151, 12585), (152, 12591), (158, 12612), (205, 12792), (222, 12816), (230, 12870), (267, 13017),

Gene: Starburst_9 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for Starburst_9:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (135, 5860), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: Starcevich_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Starcevich_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Stargaze_7 Start: 7256, Stop: 8182, Start Num: 34
Candidate Starts for Stargaze_7:
(Start: 34 @7256 has 110 MA's), (47, 7313), (53, 7343), (86, 7475), (94, 7508), (103, 7559), (153, 7757), (198, 7919), (222, 7991), (260, 8156),

Gene: Stasia_16 Start: 11927, Stop: 12865, Start Num: 8
Candidate Starts for Stasia_16:
(Start: 8 @11927 has 530 MA's), (35, 11987), (56, 12083), (81, 12155), (84, 12179), (106, 12275), (114, 12305), (127, 12365), (131, 12380), (184, 12542), (230, 12704), (249, 12791),

Gene: SteMason_14 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for SteMason_14:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (60, 11650), (81, 11707), (84, 11731), (106, 11827), (114, 11857), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: SteamedHams_10 Start: 5412, Stop: 6368, Start Num: 17
Candidate Starts for SteamedHams_10:
(Start: 17 @5412 has 90 MA's), (37, 5454), (86, 5667), (97, 5712), (99, 5721), (110, 5766), (134, 5877), (170, 6003), (187, 6057), (196, 6093), (197, 6096), (204, 6123), (249, 6279), (260, 6324), (261, 6327),

Gene: Steamy_17 Start: 12661, Stop: 13617, Start Num: 8
Candidate Starts for Steamy_17:
(Start: 8 @12661 has 530 MA's), (35, 12721), (56, 12817), (75, 12859), (81, 12889), (84, 12913), (106, 13009), (110, 13021), (114, 13039), (147, 13159), (151, 13171), (222, 13402), (240, 13507), (258, 13576),

Gene: StepMih_17 Start: 11532, Stop: 12524, Start Num: 10
Candidate Starts for StepMih_17:
(Start: 10 @11532 has 117 MA's), (56, 11673), (90, 11793), (99, 11832), (106, 11865), (131, 11976), (158, 12063), (184, 12159), (204, 12240), (218, 12267), (222, 12279), (230, 12333), (236, 12378), (238, 12384), (244, 12417), (254, 12453), (260, 12477),

Gene: Stephig9_13 Start: 10359, Stop: 11309, Start Num: 17
Candidate Starts for Stephig9_13:
(Start: 17 @10359 has 90 MA's), (56, 10488), (75, 10530), (99, 10647), (106, 10680), (121, 10755), (152, 10839), (178, 10929), (184, 10956), (192, 10989), (205, 11040), (222, 11079), (244, 11205), (254, 11241),

Gene: StewieG_14 Start: 11407, Stop: 12408, Start Num: 8
Candidate Starts for StewieG_14:
(Start: 8 @11407 has 530 MA's), (52, 11551), (62, 11602), (69, 11617), (96, 11737), (100, 11758), (118, 11833), (131, 11893), (147, 11947), (155, 11977), (162, 11995), (184, 12079), (230, 12256), (240, 12295), (241, 12301), (264, 12385),

Gene: StingRay_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for StingRay_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Stink_15 Start: 11448, Stop: 12380, Start Num: 8
Candidate Starts for Stink_15:
(Start: 8 @11448 has 530 MA's), (35, 11508), (56, 11604), (60, 11619), (81, 11676), (84, 11700), (106, 11796), (114, 11826), (126, 11880), (184, 12066), (230, 12228), (233, 12261), (240, 12279), (258, 12348),

Gene: Stinson_13 Start: 7903, Stop: 8838, Start Num: 25
Candidate Starts for Stinson_13:
(Start: 25 @7903 has 441 MA's), (50, 7993), (56, 8020), (83, 8125), (93, 8167), (96, 8179), (98, 8191), (119, 8278), (150, 8392), (219, 8590), (226, 8629), (229, 8647), (239, 8713), (240, 8716), (248, 8749), (255, 8773), (269, 8815),

Gene: StirfryIV_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for StirfryIV_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Stormborn_6 Start: 4641, Stop: 5588, Start Num: 32
Candidate Starts for Stormborn_6:
(Start: 31 @4638 has 3 MA's), (Start: 32 @4641 has 42 MA's), (44, 4689), (53, 4731), (63, 4773), (71, 4785), (83, 4848), (92, 4887), (99, 4917), (103, 4947), (116, 4998), (127, 5055), (160, 5160), (165, 5178), (183, 5250), (189, 5277), (206, 5337), (246, 5481), (253, 5508), (263, 5541),

Gene: Stormbreaker8_6 Start: 4705, Stop: 5697, Start Num: 25
Candidate Starts for Stormbreaker8_6:
(Start: 25 @4705 has 441 MA's), (56, 4822), (73, 4879), (91, 4966), (115, 5065), (158, 5233), (165, 5254), (166, 5260), (220, 5428), (224, 5452), (228, 5476), (239, 5548), (240, 5551),

Gene: Strathdee_6 Start: 4709, Stop: 5635, Start Num: 25
Candidate Starts for Strathdee_6:
(Start: 25 @4709 has 441 MA's), (56, 4826), (60, 4847), (73, 4883), (93, 4976), (94, 4982), (96, 4988), (110, 5048), (128, 5132), (166, 5246), (204, 5372), (224, 5438), (239, 5522), (245, 5549), (269, 5624),

Gene: Strobilo_9 Start: 5947, Stop: 6864, Start Num: 25
Candidate Starts for Strobilo_9:

(Start: 25 @5947 has 441 MA's), (55, 6058), (56, 6064), (61, 6091), (96, 6223), (102, 6253), (103, 6259), (131, 6379), (183, 6559), (224, 6661), (239, 6757), (248, 6793), (250, 6802), (264, 6847),

Gene: StrongArm_14 Start: 12284, Stop: 13303, Start Num: 8
Candidate Starts for StrongArm_14:
(Start: 8 @12284 has 530 MA's), (62, 12479), (69, 12494), (96, 12614), (100, 12635), (118, 12710), (131, 12770), (184, 12956), (229, 13127), (230, 13133), (241, 13190), (250, 13226),

Gene: Strosahl_18 Start: 11256, Stop: 12206, Start Num: 8
Candidate Starts for Strosahl_18:
(Start: 8 @11256 has 530 MA's), (35, 11316), (56, 11412), (81, 11484), (84, 11508), (95, 11553), (106, 11604), (114, 11634), (225, 12012), (249, 12132), (260, 12177),

Gene: Studio_8 Start: 5306, Stop: 6217, Start Num: 18
Candidate Starts for Studio_8:
(Start: 18 @5306 has 40 MA's), (70, 5462), (88, 5543), (95, 5573), (104, 5615), (119, 5675), (158, 5801), (172, 5846), (174, 5855), (255, 6173), (260, 6194),

Gene: Sulley_13 Start: 7901, Stop: 8839, Start Num: 25
Candidate Starts for Sulley_13:
(Start: 25 @7901 has 441 MA's), (50, 7991), (56, 8018), (93, 8165), (96, 8177), (98, 8189), (119, 8276), (139, 8360), (150, 8390), (219, 8588), (226, 8627), (239, 8711), (240, 8714), (248, 8747), (255, 8771), (269, 8813),

Gene: Sultana_15 Start: 11480, Stop: 12412, Start Num: 8
Candidate Starts for Sultana_15:
(Start: 8 @11480 has 530 MA's), (35, 11540), (56, 11636), (81, 11708), (84, 11732), (106, 11828), (126, 11912), (174, 12056), (184, 12098), (230, 12260), (233, 12293), (240, 12311), (249, 12347), (258, 12380),

Gene: SummitAcademy_7 Start: 5169, Stop: 6128, Start Num: 17
Candidate Starts for SummitAcademy_7:
(Start: 17 @5169 has 90 MA's), (37, 5220), (66, 5349), (87, 5436), (97, 5478), (99, 5487), (110, 5532), (128, 5616), (155, 5712), (170, 5769), (187, 5823), (196, 5859), (256, 6072), (260, 6090), (278, 6120),

Gene: Sumter_14 Start: 11150, Stop: 12148, Start Num: 8
Candidate Starts for Sumter_14:
(Start: 8 @11150 has 530 MA's), (52, 11294), (62, 11345), (69, 11360), (96, 11480), (100, 11501), (118, 11576), (131, 11636), (162, 11738), (184, 11822), (221, 11942), (230, 11999), (240, 12038), (241, 12044),

Gene: Sunflower1121_11 Start: 6791, Stop: 7714, Start Num: 25
Candidate Starts for Sunflower1121_11:
(Start: 25 @6791 has 441 MA's), (56, 6908), (61, 6935), (89, 7037), (93, 7055), (96, 7067), (98, 7079), (131, 7223), (221, 7484), (226, 7517), (229, 7535), (239, 7601), (240, 7604), (248, 7637), (263, 7688),

Gene: Sunhee_14 Start: 11252, Stop: 12199, Start Num: 13
Candidate Starts for Sunhee_14:
(Start: 13 @11252 has 9 MA's), (35, 11303), (56, 11399), (75, 11441), (81, 11471), (88, 11510), (95, 11540), (106, 11591), (143, 11726), (152, 11759), (222, 11984), (230, 12038),

Gene: Sunshine924_14 Start: 11134, Stop: 12132, Start Num: 8
Candidate Starts for Sunshine924_14:

(Start: 8 @11134 has 530 MA's), (52, 11278), (62, 11329), (69, 11344), (96, 11464), (100, 11485), (118, 11560), (131, 11620), (155, 11704), (162, 11722), (184, 11806), (221, 11926), (230, 11983), (240, 12022), (241, 12028),

Gene: SuperAwesome_19 Start: 12230, Stop: 13201, Start Num: 7
Candidate Starts for SuperAwesome_19:
(Start: 7 @12230 has 80 MA's), (35, 12290), (56, 12386), (75, 12428), (81, 12458), (84, 12482), (95, 12527), (106, 12578), (110, 12590), (114, 12608), (147, 12713), (196, 12899), (260, 13172),

Gene: SuperCallie99_19 Start: 12231, Stop: 13202, Start Num: 7
Candidate Starts for SuperCallie99_19:
(Start: 7 @12231 has 80 MA's), (35, 12291), (56, 12387), (75, 12429), (81, 12459), (84, 12483), (95, 12528), (106, 12579), (110, 12591), (114, 12609), (147, 12714), (196, 12900),

Gene: Superchunk_15 Start: 10834, Stop: 11790, Start Num: 8
Candidate Starts for Superchunk_15:
(Start: 8 @10834 has 530 MA's), (35, 10894), (55, 10984), (56, 10990), (75, 11032), (81, 11062), (84, 11086), (95, 11131), (106, 11182), (110, 11194), (114, 11212), (158, 11371), (172, 11416), (192, 11500), (222, 11575),

Gene: Superfresh_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Superfresh_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (115, 5068), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Supernova_6 Start: 4640, Stop: 5584, Start Num: 32
Candidate Starts for Supernova_6:
(Start: 31 @4637 has 3 MA's), (Start: 32 @4640 has 42 MA's), (44, 4688), (53, 4730), (63, 4772), (71, 4784), (92, 4886), (99, 4916), (103, 4946), (111, 4973), (116, 4997), (129, 5060), (165, 5177), (174, 5213), (183, 5249), (189, 5276), (206, 5336), (241, 5459), (246, 5480), (251, 5498), (253, 5507), (263, 5540),

Gene: Survivors_10 Start: 6147, Stop: 7073, Start Num: 28
Candidate Starts for Survivors_10:
(Start: 28 @6147 has 10 MA's), (59, 6282), (88, 6393), (93, 6414), (97, 6432), (103, 6462), (110, 6486), (118, 6522), (128, 6570), (134, 6597), (153, 6660), (154, 6663), (155, 6666), (187, 6777), (196, 6813), (202, 6831), (204, 6843), (227, 6912), (229, 6927), (248, 6996), (256, 7026),

Gene: Swann_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for Swann_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: SweatNTears_10 Start: 5896, Stop: 6852, Start Num: 17
Candidate Starts for SweatNTears_10:
(Start: 17 @5896 has 90 MA's), (23, 5911), (37, 5938), (64, 6064), (71, 6073), (86, 6151), (97, 6196), (99, 6205), (110, 6250), (118, 6286), (134, 6361), (187, 6541), (196, 6577), (197, 6580), (204, 6607), (249, 6763), (256, 6790), (260, 6808),

Gene: SweetiePie_16 Start: 12107, Stop: 13063, Start Num: 8
Candidate Starts for SweetiePie_16:

(Start: 8 @12107 has 530 MA's), (35, 12167), (50, 12236), (56, 12263), (75, 12305), (81, 12335), (84, 12359), (95, 12404), (106, 12455), (114, 12485), (143, 12590), (158, 12644), (222, 12848), (224, 12866), (230, 12902), (240, 12953),

Gene: Sweets_7 Start: 7104, Stop: 8039, Start Num: 34
Candidate Starts for Sweets_7:
(Start: 34 @7104 has 110 MA's), (47, 7161), (48, 7164), (49, 7176), (54, 7197), (86, 7323), (94, 7356), (153, 7605), (165, 7650), (190, 7737), (202, 7779), (222, 7848), (260, 8013),

Gene: SwirlSquare_17 Start: 10998, Stop: 11969, Start Num: 8
Candidate Starts for SwirlSquare_17:
(Start: 8 @10998 has 530 MA's), (35, 11073), (50, 11142), (55, 11163), (56, 11169), (75, 11211), (81, 11241), (84, 11265), (95, 11310), (106, 11361), (114, 11391), (158, 11550), (192, 11679),

Gene: Swirley_13 Start: 10769, Stop: 11701, Start Num: 17
Candidate Starts for Swirley_13:
(Start: 17 @10769 has 90 MA's), (56, 10898), (75, 10940), (81, 10970), (99, 11057), (106, 11090), (184, 11354), (190, 11378), (205, 11438), (222, 11477), (225, 11498), (231, 11546), (244, 11603), (254, 11639), (260, 11663),

Gene: SwissCheese_15 Start: 11595, Stop: 12593, Start Num: 8
Candidate Starts for SwissCheese_15:
(Start: 8 @11595 has 530 MA's), (52, 11739), (62, 11790), (69, 11805), (96, 11925), (100, 11946), (118, 12021), (131, 12081), (162, 12183), (184, 12267), (221, 12387), (230, 12444), (240, 12483), (241, 12489),

Gene: Switzer_16 Start: 11518, Stop: 12531, Start Num: 8
Candidate Starts for Switzer_16:
(Start: 8 @11518 has 530 MA's), (52, 11662), (62, 11713), (69, 11728), (96, 11848), (100, 11869), (118, 11944), (131, 12004), (146, 12055), (147, 12058), (155, 12088), (162, 12106), (184, 12190), (229, 12361), (230, 12367), (241, 12421),

Gene: Switzerland_18 Start: 11410, Stop: 12360, Start Num: 8
Candidate Starts for Switzerland_18:
(Start: 8 @11410 has 530 MA's), (35, 11470), (56, 11566), (81, 11638), (84, 11662), (95, 11707), (106, 11758), (114, 11788), (225, 12166), (249, 12286), (260, 12331),

Gene: Swole_17 Start: 12065, Stop: 13072, Start Num: 8
Candidate Starts for Swole_17:
(Start: 8 @12065 has 530 MA's), (69, 12275), (96, 12395), (100, 12416), (118, 12491), (136, 12572), (155, 12635), (162, 12653), (184, 12737), (230, 12914), (241, 12962),

Gene: SydNat_13 Start: 10876, Stop: 11808, Start Num: 17
Candidate Starts for SydNat_13:
(Start: 17 @10876 has 90 MA's), (56, 11005), (75, 11047), (81, 11077), (99, 11164), (106, 11197), (151, 11338), (184, 11461), (190, 11485), (205, 11545), (222, 11584), (225, 11605), (231, 11653), (244, 11710), (254, 11746), (260, 11770),

Gene: Symere_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Symere_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Syra333_12 Start: 6884, Stop: 7807, Start Num: 25
Candidate Starts for Syra333_12:
(Start: 25 @6884 has 441 MA's), (56, 7001), (61, 7028), (93, 7148), (96, 7160), (98, 7172), (144, 7352), (221, 7577), (226, 7610), (229, 7628), (239, 7694), (240, 7697), (248, 7730), (255, 7754), (263, 7781),

Gene: TBond007_12 Start: 7696, Stop: 8619, Start Num: 25
Candidate Starts for TBond007_12:
(Start: 25 @7696 has 441 MA's), (50, 7786), (56, 7813), (61, 7840), (96, 7972), (103, 8008), (109, 8029), (118, 8068), (131, 8128), (183, 8308), (224, 8410), (226, 8422), (229, 8440), (239, 8506), (264, 8596),

Gene: TClif_12 Start: 6882, Stop: 7805, Start Num: 25
Candidate Starts for TClif_12:
(Start: 25 @6882 has 441 MA's), (50, 6972), (56, 6999), (61, 7026), (93, 7146), (96, 7158), (144, 7350), (150, 7371), (154, 7389), (167, 7431), (177, 7470), (221, 7575), (226, 7608), (229, 7626), (239, 7692), (240, 7695), (248, 7728), (255, 7752),

Gene: TM4_9 Start: 5999, Stop: 6916, Start Num: 25
Candidate Starts for TM4_9:
(Start: 25 @5999 has 441 MA's), (55, 6110), (56, 6116), (61, 6143), (83, 6221), (96, 6275), (102, 6305), (103, 6311), (131, 6431), (139, 6458), (183, 6611), (221, 6692), (224, 6713), (239, 6809), (248, 6845), (250, 6854), (264, 6899),

Gene: TMaxx_8 Start: 5463, Stop: 6365, Start Num: 18
Candidate Starts for TMaxx_8:
(Start: 18 @5463 has 40 MA's), (84, 5685), (88, 5700), (104, 5772), (158, 5958), (174, 6012), (255, 6321),

Gene: TNguyen7_15 Start: 11073, Stop: 12047, Start Num: 10
Candidate Starts for TNguyen7_15:
(Start: 10 @11073 has 117 MA's), (56, 11214), (90, 11334), (99, 11373), (106, 11406), (171, 11643), (178, 11670), (184, 11697), (205, 11781), (230, 11871), (236, 11916), (238, 11922), (244, 11955), (254, 11991),

Gene: TWAMP_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for TWAMP_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Tachez_13 Start: 7897, Stop: 8832, Start Num: 25
Candidate Starts for Tachez_13:
(Start: 25 @7897 has 441 MA's), (50, 7987), (56, 8014), (93, 8161), (96, 8173), (98, 8185), (119, 8272), (139, 8356), (150, 8386), (219, 8584), (226, 8623), (239, 8707), (240, 8710), (248, 8743), (255, 8767), (269, 8809),

Gene: Taheera_7 Start: 7108, Stop: 8043, Start Num: 34
Candidate Starts for Taheera_7:
(Start: 34 @7108 has 110 MA's), (47, 7165), (48, 7168), (49, 7180), (86, 7327), (94, 7360), (113, 7447), (202, 7783), (222, 7852),

Gene: Tailonex_13 Start: 11029, Stop: 11940, Start Num: 18
Candidate Starts for Tailonex_13:

(Start: 18 @11029 has 40 MA's), (42, 11092), (47, 11116), (56, 11161), (85, 11263), (88, 11272), (96, 11305), (99, 11320), (106, 11353), (132, 11467),

Gene: TaiwanKao_13 Start: 7904, Stop: 8839, Start Num: 25
Candidate Starts for TaiwanKao_13:
(Start: 25 @7904 has 441 MA's), (50, 7994), (56, 8021), (93, 8168), (96, 8180), (98, 8192), (119, 8279), (150, 8393), (219, 8591), (226, 8630), (229, 8648), (239, 8714), (240, 8717), (248, 8750), (255, 8774), (269, 8816),

Gene: Takoda_12 Start: 7693, Stop: 8595, Start Num: 18
Candidate Starts for Takoda_12:
(Start: 18 @7693 has 40 MA's), (56, 7822), (85, 7924), (96, 7966), (99, 7981), (106, 8014), (178, 8269), (192, 8329), (200, 8362),

Gene: Taquarus_15 Start: 11482, Stop: 12414, Start Num: 8
Candidate Starts for Taquarus_15:
(Start: 8 @11482 has 530 MA's), (35, 11542), (56, 11638), (81, 11710), (84, 11734), (106, 11830), (126, 11914), (174, 12058), (184, 12100), (230, 12262), (233, 12295), (240, 12313), (249, 12349), (258, 12382),

Gene: Taquito_12 Start: 8761, Stop: 9690, Start Num: 25
Candidate Starts for Taquito_12:
(Start: 25 @8761 has 441 MA's), (50, 8851), (55, 8872), (56, 8878), (61, 8905), (80, 8965), (102, 9067), (103, 9073), (118, 9133), (131, 9193), (150, 9250), (168, 9313), (175, 9340), (213, 9433), (226, 9487), (229, 9505), (239, 9571), (255, 9631),

Gene: Target_17 Start: 12395, Stop: 13588, Start Num: 14
Candidate Starts for Target_17:
(Start: 14 @12395 has 5 MA's), (35, 12443), (41, 12467), (56, 12539), (81, 12611), (84, 12635), (88, 12650), (106, 12731), (114, 12761), (154, 12887), (178, 12968), (184, 12995), (219, 13094), (258, 13277), (260, 13289), (280, 13421), (282, 13454), (284, 13475), (286, 13508),

Gene: Tarnish_7 Start: 5468, Stop: 6427, Start Num: 17
Candidate Starts for Tarnish_7:
(Start: 17 @5468 has 90 MA's), (37, 5519), (66, 5648), (87, 5735), (97, 5777), (99, 5786), (110, 5831), (128, 5915), (155, 6011), (170, 6068), (187, 6122), (196, 6158), (256, 6371), (260, 6389),

Gene: TarsusIV_16 Start: 12206, Stop: 13162, Start Num: 8
Candidate Starts for TarsusIV_16:
(Start: 8 @12206 has 530 MA's), (35, 12266), (46, 12314), (56, 12362), (75, 12404), (81, 12434), (84, 12458), (106, 12554), (110, 12566), (143, 12689), (151, 12716), (158, 12743), (172, 12788), (222, 12947), (224, 12965), (240, 13052),

Gene: Tarynearal_12 Start: 10796, Stop: 11728, Start Num: 17
Candidate Starts for Tarynearal_12:
(Start: 17 @10796 has 90 MA's), (56, 10925), (75, 10967), (81, 10997), (99, 11084), (106, 11117), (184, 11381), (190, 11405), (205, 11465), (222, 11504), (225, 11525), (231, 11573), (244, 11630), (254, 11666), (260, 11690),

Gene: Tasp14_16 Start: 11835, Stop: 12845, Start Num: 8
Candidate Starts for Tasp14_16:
(Start: 8 @11835 has 530 MA's), (52, 11979), (62, 12030), (69, 12045), (96, 12165), (100, 12186), (118, 12261), (131, 12321), (146, 12372), (155, 12405), (162, 12423), (184, 12507), (229, 12678),

(230, 12684), (241, 12738),

Gene: TatarkaPM_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for TatarkaPM_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Taurus_17 Start: 11537, Stop: 12529, Start Num: 10
Candidate Starts for Taurus_17:
(Start: 10 @11537 has 117 MA's), (56, 11678), (90, 11798), (99, 11837), (106, 11870), (131, 11981), (158, 12068), (184, 12164), (204, 12245), (218, 12272), (222, 12284), (230, 12338), (236, 12383), (238, 12389), (244, 12422), (254, 12458), (260, 12482),

Gene: Tchotchke_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Tchotchke_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Teagan_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Teagan_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (115, 5068), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: TeddyBear_6 Start: 4722, Stop: 5648, Start Num: 25
Candidate Starts for TeddyBear_6:
(Start: 25 @4722 has 441 MA's), (56, 4839), (60, 4860), (73, 4896), (93, 4989), (94, 4995), (96, 5001), (110, 5061), (128, 5145), (166, 5259), (204, 5385), (224, 5451), (239, 5535), (245, 5562), (269, 5637),

Gene: Teejan_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for Teejan_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: Temprado_19 Start: 12235, Stop: 13206, Start Num: 7
Candidate Starts for Temprado_19:
(Start: 7 @12235 has 80 MA's), (35, 12295), (56, 12391), (75, 12433), (81, 12463), (84, 12487), (95, 12532), (106, 12583), (110, 12595), (114, 12613), (147, 12718), (196, 12904), (260, 13177),

Gene: Tenda_6 Start: 4720, Stop: 5646, Start Num: 25
Candidate Starts for Tenda_6:
(Start: 25 @4720 has 441 MA's), (56, 4837), (60, 4858), (73, 4894), (93, 4987), (94, 4993), (96, 4999), (110, 5059), (128, 5143), (166, 5257), (204, 5383), (224, 5449), (239, 5533), (245, 5560), (269, 5635),

Gene: Teodoridan_13 Start: 10968, Stop: 11972, Start Num: 8
Candidate Starts for Teodoridan_13:
(Start: 8 @10968 has 530 MA's), (52, 11112), (54, 11121), (62, 11163), (69, 11178), (96, 11298), (100, 11319), (118, 11394), (131, 11454), (162, 11556), (184, 11640), (191, 11670), (221, 11760), (229, 11811), (230, 11817), (241, 11865),

Gene: Terrific_20 Start: 12667, Stop: 13623, Start Num: 8

Candidate Starts for Terrific_20:
(Start: 8 @12667 has 530 MA's), (35, 12727), (50, 12796), (56, 12823), (75, 12865), (81, 12895), (84, 12919), (95, 12964), (106, 13015), (110, 13027), (143, 13150), (151, 13177), (158, 13204), (172, 13249), (222, 13408), (224, 13426), (230, 13462), (240, 13513),

Gene: Terror_7 Start: 7108, Stop: 8043, Start Num: 34
Candidate Starts for Terror_7:
(Start: 34 @7108 has 110 MA's), (47, 7165), (48, 7168), (49, 7180), (86, 7327), (94, 7360), (113, 7447), (202, 7783), (222, 7852),

Gene: Texage_15 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for Texage_15:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Thanksgivukkah_15 Start: 11484, Stop: 12416, Start Num: 8
Candidate Starts for Thanksgivukkah_15:
(Start: 8 @11484 has 530 MA's), (35, 11544), (56, 11640), (81, 11712), (84, 11736), (106, 11832), (114, 11862), (126, 11916), (174, 12060), (184, 12102), (230, 12264), (233, 12297), (240, 12315), (249, 12351), (258, 12384),

Gene: Theia_12 Start: 10735, Stop: 11667, Start Num: 17
Candidate Starts for Theia_12:
(Start: 17 @10735 has 90 MA's), (56, 10864), (75, 10906), (81, 10936), (99, 11023), (106, 11056), (184, 11320), (190, 11344), (205, 11404), (222, 11443), (225, 11464), (231, 11512), (244, 11569), (254, 11605), (260, 11629),

Gene: TheloniousMonk_17 Start: 12579, Stop: 13598, Start Num: 8
Candidate Starts for TheloniousMonk_17:
(Start: 8 @12579 has 530 MA's), (62, 12774), (69, 12789), (88, 12876), (96, 12909), (100, 12930), (118, 13005), (131, 13065), (184, 13251), (229, 13422), (230, 13428), (241, 13485), (250, 13521),

Gene: Theresita_7 Start: 4724, Stop: 5656, Start Num: 25
Candidate Starts for Theresita_7:
(Start: 25 @4724 has 441 MA's), (45, 4787), (56, 4841), (60, 4862), (80, 4928), (93, 4988), (94, 4994), (96, 5000), (110, 5060), (137, 5177), (147, 5192), (158, 5231), (165, 5252), (206, 5390), (219, 5423), (239, 5534), (240, 5537),

Gene: Thompsone_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Thompsone_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Thor_15 Start: 11420, Stop: 12436, Start Num: 8
Candidate Starts for Thor_15:
(Start: 8 @11420 has 530 MA's), (62, 11615), (69, 11630), (96, 11750), (100, 11771), (118, 11846), (131, 11906), (184, 12092), (229, 12263), (230, 12269), (241, 12326), (250, 12362),

Gene: Thorongil_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Thorongil_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Thyatira_11 Start: 7954, Stop: 8886, Start Num: 25
Candidate Starts for Thyatira_11:
(Start: 25 @7954 has 441 MA's), (56, 8071), (61, 8098), (80, 8158), (87, 8194), (89, 8200), (103, 8266), (119, 8329), (124, 8359), (168, 8506), (239, 8764), (240, 8767), (248, 8800), (255, 8824),

Gene: Tierra_12 Start: 7585, Stop: 8508, Start Num: 25
Candidate Starts for Tierra_12:
(Start: 25 @7585 has 441 MA's), (56, 7702), (93, 7849), (98, 7873), (109, 7918), (124, 7990), (131, 8017), (139, 8044), (177, 8173), (221, 8278), (229, 8329), (239, 8395), (240, 8398), (248, 8431),

Gene: Tiffany_17 Start: 11433, Stop: 12425, Start Num: 10
Candidate Starts for Tiffany_17:
(Start: 10 @11433 has 117 MA's), (56, 11574), (90, 11694), (99, 11733), (106, 11766), (131, 11877), (158, 11964), (184, 12060), (204, 12141), (218, 12168), (222, 12180), (230, 12234), (236, 12279), (238, 12285), (244, 12318), (254, 12354), (260, 12378),

Gene: Tiger_13 Start: 10616, Stop: 11554, Start Num: 17
Candidate Starts for Tiger_13:
(Start: 17 @10616 has 90 MA's), (56, 10745), (75, 10787), (81, 10817), (99, 10904), (106, 10937), (184, 11201), (190, 11225), (205, 11285), (222, 11324), (225, 11345), (231, 11393), (244, 11450), (254, 11486), (260, 11510),

Gene: Tigress9_12 Start: 6865, Stop: 7788, Start Num: 25
Candidate Starts for Tigress9_12:
(Start: 25 @6865 has 441 MA's), (56, 6982), (61, 7009), (93, 7129), (96, 7141), (98, 7153), (221, 7558), (226, 7591), (229, 7609), (239, 7675), (240, 7678), (248, 7711), (255, 7735), (263, 7762),

Gene: Timothy_16 Start: 12699, Stop: 13688, Start Num: 7
Candidate Starts for Timothy_16:
(Start: 7 @12699 has 80 MA's), (35, 12759), (43, 12789), (55, 12849), (56, 12855), (75, 12897), (81, 12927), (84, 12951), (95, 12996), (106, 13047), (110, 13059), (114, 13077), (132, 13161), (147, 13197), (151, 13209), (158, 13236), (230, 13494), (253, 13599),

Gene: Timshel_16 Start: 13055, Stop: 14014, Start Num: 8
Candidate Starts for Timshel_16:
(Start: 8 @13055 has 530 MA's), (35, 13115), (50, 13184), (56, 13211), (60, 13226), (81, 13283), (85, 13313), (106, 13403), (156, 13589), (184, 13691), (230, 13865), (240, 13916), (249, 13952),

Gene: TinSulphur_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for TinSulphur_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: TinaBug_7 Start: 7104, Stop: 8039, Start Num: 34
Candidate Starts for TinaBug_7:
(Start: 34 @7104 has 110 MA's), (47, 7161), (48, 7164), (49, 7176), (54, 7197), (86, 7323), (94, 7356), (153, 7605), (165, 7650), (190, 7737), (202, 7779), (222, 7848), (260, 8013),

Gene: TinaFeyge_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for TinaFeyge_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346),

(258, 12379),

Gene: TingHuaYa_13 Start: 6962, Stop: 7891, Start Num: 25
Candidate Starts for TingHuaYa_13:
(Start: 25 @6962 has 441 MA's), (50, 7052), (56, 7079), (80, 7166), (93, 7226), (96, 7238), (98, 7250), (131, 7394), (139, 7421), (150, 7451), (221, 7655), (226, 7688), (239, 7772), (240, 7775), (248, 7808), (255, 7832), (269, 7874),

Gene: TiniBug_13 Start: 7882, Stop: 8817, Start Num: 25
Candidate Starts for TiniBug_13:
(Start: 25 @7882 has 441 MA's), (50, 7972), (56, 7999), (93, 8146), (96, 8158), (98, 8170), (119, 8257), (150, 8371), (219, 8569), (226, 8608), (229, 8626), (239, 8692), (248, 8728), (255, 8752), (269, 8794),

Gene: TinyPebbles_17 Start: 11622, Stop: 12614, Start Num: 10
Candidate Starts for TinyPebbles_17:
(Start: 10 @11622 has 117 MA's), (56, 11763), (90, 11883), (99, 11922), (106, 11955), (131, 12066), (158, 12153), (184, 12249), (204, 12330), (218, 12357), (222, 12369), (230, 12423), (236, 12468), (238, 12474), (244, 12507), (254, 12543), (260, 12567),

Gene: TinyTimmy_16 Start: 12751, Stop: 13731, Start Num: 7
Candidate Starts for TinyTimmy_16:
(Start: 7 @12751 has 80 MA's), (35, 12811), (43, 12841), (55, 12901), (56, 12907), (75, 12949), (81, 12979), (84, 13003), (95, 13048), (106, 13099), (110, 13111), (114, 13129), (132, 13213), (147, 13249), (151, 13261), (158, 13288), (230, 13546), (253, 13651),

Gene: Tinybot_14 Start: 11460, Stop: 12392, Start Num: 8
Candidate Starts for Tinybot_14:
(Start: 8 @11460 has 530 MA's), (35, 11520), (56, 11616), (81, 11688), (84, 11712), (106, 11808), (114, 11838), (126, 11892), (174, 12036), (184, 12078), (212, 12177), (230, 12240), (233, 12273), (240, 12291), (249, 12327), (258, 12360),

Gene: Tinyman4_9 Start: 5573, Stop: 6568, Start Num: 25
Candidate Starts for Tinyman4_9:
(Start: 25 @5573 has 441 MA's), (55, 5684), (56, 5690), (60, 5711), (93, 5840), (94, 5846), (96, 5852), (103, 5888), (110, 5912), (115, 5933), (118, 5948), (165, 6122), (217, 6287), (222, 6302), (224, 6320), (239, 6416), (240, 6419),

Gene: TipsytheTRex_15 Start: 11216, Stop: 12193, Start Num: 8
Candidate Starts for TipsytheTRex_15:
(Start: 8 @11216 has 530 MA's), (35, 11276), (42, 11303), (56, 11372), (75, 11414), (81, 11444), (84, 11468), (106, 11564), (114, 11594), (157, 11735), (158, 11738), (184, 11837), (189, 11858), (219, 11972), (222, 11981), (235, 12074), (240, 12086),

Gene: Tiri_13 Start: 7942, Stop: 8874, Start Num: 25
Candidate Starts for Tiri_13:
(Start: 25 @7942 has 441 MA's), (50, 8032), (56, 8059), (93, 8206), (96, 8218), (98, 8230), (119, 8317), (139, 8401), (150, 8431), (219, 8629), (226, 8668), (239, 8752), (240, 8755), (248, 8788), (255, 8812), (269, 8854),

Gene: TiroTheta9_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for TiroTheta9_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346),

(258, 12379),

Gene: Toaka_15 Start: 11211, Stop: 12179, Start Num: 8
Candidate Starts for Toaka_15:
(Start: 8 @11211 has 530 MA's), (19, 11235), (35, 11271), (50, 11340), (56, 11367), (81, 11439), (84, 11463), (106, 11559), (110, 11571), (114, 11589), (143, 11694), (152, 11727), (158, 11748),

Gene: Todacoro_16 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for Todacoro_16:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Tolls_10 Start: 5415, Stop: 6371, Start Num: 17
Candidate Starts for Tolls_10:
(Start: 17 @5415 has 90 MA's), (37, 5457), (86, 5670), (97, 5715), (99, 5724), (110, 5769), (134, 5880), (170, 6006), (187, 6060), (196, 6096), (197, 6099), (204, 6126), (249, 6282), (260, 6327), (261, 6330),

Gene: TomBrady_7 Start: 7104, Stop: 8039, Start Num: 34
Candidate Starts for TomBrady_7:
(Start: 34 @7104 has 110 MA's), (47, 7161), (48, 7164), (49, 7176), (77, 7275), (86, 7323), (94, 7356), (103, 7407), (124, 7500), (202, 7779), (214, 7818), (260, 8013),

Gene: Tomathan_19 Start: 12087, Stop: 13043, Start Num: 7
Candidate Starts for Tomathan_19:
(Start: 7 @12087 has 80 MA's), (35, 12147), (55, 12237), (56, 12243), (75, 12285), (81, 12315), (84, 12339), (95, 12384), (106, 12435), (110, 12447), (114, 12465), (119, 12486), (147, 12573), (151, 12585), (152, 12591), (158, 12612), (205, 12792), (222, 12816), (230, 12870), (267, 13017),

Gene: ToneTone_18 Start: 12148, Stop: 13119, Start Num: 7
Candidate Starts for ToneTone_18:
(Start: 7 @12148 has 80 MA's), (35, 12208), (56, 12304), (75, 12346), (81, 12376), (84, 12400), (95, 12445), (106, 12496), (110, 12508), (114, 12526), (147, 12631), (196, 12817), (260, 13090),

Gene: TootsiePop_7 Start: 5011, Stop: 5919, Start Num: 25
Candidate Starts for TootsiePop_7:
(Start: 25 @5011 has 441 MA's), (50, 5101), (51, 5104), (56, 5128), (73, 5185), (80, 5215), (98, 5299), (118, 5383), (124, 5416), (164, 5548), (175, 5590), (222, 5707), (223, 5710), (229, 5755), (239, 5809), (242, 5824), (248, 5845),

Gene: Tootsieroll_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Tootsieroll_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Topanga_15 Start: 11384, Stop: 12325, Start Num: 8
Candidate Starts for Topanga_15:
(Start: 8 @11384 has 530 MA's), (35, 11444), (52, 11522), (56, 11540), (60, 11555), (75, 11582), (81, 11612), (84, 11636), (106, 11732), (110, 11744), (114, 11762), (131, 11837), (141, 11858), (171, 11945), (184, 11999), (225, 12128), (230, 12161), (240, 12212), (249, 12248),

Gene: Topgun_15 Start: 11325, Stop: 12329, Start Num: 8

Candidate Starts for Topgun_15:
(Start: 8 @11325 has 530 MA's), (52, 11469), (54, 11478), (62, 11520), (69, 11535), (96, 11655), (100, 11676), (118, 11751), (131, 11811), (162, 11913), (184, 11997), (191, 12027), (221, 12117), (229, 12168), (230, 12174), (241, 12222),

Gene: Topper_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Topper_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Toro_18 Start: 13102, Stop: 14091, Start Num: 9
Candidate Starts for Toro_18:
(Start: 9 @13102 has 1 MA's), (50, 13219), (56, 13246), (90, 13366), (93, 13378), (99, 13405), (106, 13438), (139, 13576), (149, 13603), (158, 13633), (180, 13708), (204, 13810), (218, 13837), (222, 13849), (224, 13867), (240, 13969), (244, 13990),

Gene: Torres_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for Torres_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: Tote_17 Start: 12065, Stop: 13072, Start Num: 8
Candidate Starts for Tote_17:
(Start: 8 @12065 has 530 MA's), (69, 12275), (96, 12395), (100, 12416), (118, 12491), (136, 12572), (155, 12635), (162, 12653), (184, 12737), (230, 12914), (241, 12962),

Gene: Totinger_7 Start: 5008, Stop: 5916, Start Num: 25
Candidate Starts for Totinger_7:
(Start: 25 @5008 has 441 MA's), (50, 5098), (51, 5101), (56, 5125), (73, 5182), (80, 5212), (98, 5296), (124, 5413), (164, 5545), (175, 5587), (222, 5704), (223, 5707), (229, 5752), (239, 5806), (242, 5821), (248, 5842),

Gene: Traft412_17 Start: 12246, Stop: 13253, Start Num: 8
Candidate Starts for Traft412_17:
(Start: 8 @12246 has 530 MA's), (52, 12390), (62, 12441), (69, 12456), (96, 12576), (100, 12597), (118, 12672), (131, 12732), (155, 12816), (162, 12834), (184, 12918), (230, 13095), (240, 13134), (241, 13140),

Gene: Travvers_19 Start: 12087, Stop: 13043, Start Num: 7
Candidate Starts for Travvers_19:
(Start: 7 @12087 has 80 MA's), (35, 12147), (55, 12237), (56, 12243), (75, 12285), (81, 12315), (84, 12339), (95, 12384), (106, 12435), (110, 12447), (114, 12465), (119, 12486), (147, 12573), (151, 12585), (152, 12591), (158, 12612), (205, 12792), (222, 12816), (230, 12870), (267, 13017),

Gene: Treddle_17 Start: 12562, Stop: 13578, Start Num: 8
Candidate Starts for Treddle_17:
(Start: 8 @12562 has 530 MA's), (62, 12757), (69, 12772), (96, 12892), (100, 12913), (118, 12988), (131, 13048), (184, 13234), (229, 13405), (230, 13411), (241, 13468), (250, 13504),

Gene: TreyKay_13 Start: 7898, Stop: 8833, Start Num: 25
Candidate Starts for TreyKay_13:

(Start: 25 @7898 has 441 MA's), (50, 7988), (56, 8015), (93, 8162), (96, 8174), (98, 8186), (119, 8273), (150, 8387), (219, 8585), (226, 8624), (229, 8642), (239, 8708), (240, 8711), (248, 8744), (255, 8768), (269, 8810),

Gene: TribleTrouble_11 Start: 7741, Stop: 8676, Start Num: 25
Candidate Starts for TribleTrouble_11:
(Start: 25 @7741 has 441 MA's), (56, 7858), (61, 7885), (96, 8017), (103, 8053), (118, 8113), (136, 8191), (226, 8467), (229, 8485), (239, 8551), (248, 8587),

Gene: Trice_9 Start: 7225, Stop: 8145, Start Num: 25
Candidate Starts for Trice_9:
(Start: 25 @7225 has 441 MA's), (56, 7342), (61, 7369), (78, 7420), (93, 7489), (96, 7501), (103, 7537), (136, 7675), (139, 7684), (150, 7714), (177, 7813), (213, 7897), (221, 7918), (224, 7939), (226, 7951), (239, 8035), (248, 8071), (263, 8122), (264, 8125),

Gene: Trike_13 Start: 9357, Stop: 10295, Start Num: 8
Candidate Starts for Trike_13:
(Start: 8 @9357 has 530 MA's), (35, 9417), (56, 9513), (60, 9528), (75, 9555), (81, 9585), (84, 9609), (95, 9654), (106, 9705), (114, 9735), (147, 9837), (171, 9918), (184, 9972), (240, 10185), (249, 10221), (258, 10254),

Gene: Tripl3t_16 Start: 12247, Stop: 13263, Start Num: 8
Candidate Starts for Tripl3t_16:
(Start: 8 @12247 has 530 MA's), (62, 12442), (69, 12457), (96, 12577), (100, 12598), (118, 12673), (131, 12733), (184, 12919), (229, 13090), (230, 13096), (241, 13153), (250, 13189),

Gene: TripleC_11 Start: 8933, Stop: 9835, Start Num: 18
Candidate Starts for TripleC_11:
(Start: 18 @8933 has 40 MA's), (70, 9089), (84, 9155), (88, 9170), (104, 9242), (158, 9428), (172, 9473), (174, 9482), (227, 9671), (260, 9812),

Gene: Tristan_17 Start: 13922, Stop: 14878, Start Num: 8
Candidate Starts for Tristan_17:
(Start: 8 @13922 has 530 MA's), (35, 13982), (50, 14051), (56, 14078), (75, 14120), (81, 14150), (84, 14174), (95, 14219), (106, 14270), (114, 14300), (151, 14432), (222, 14663), (230, 14717),

Gene: Trixie_19 Start: 13819, Stop: 14775, Start Num: 8
Candidate Starts for Trixie_19:
(Start: 8 @13819 has 530 MA's), (35, 13879), (50, 13948), (56, 13975), (75, 14017), (81, 14047), (84, 14071), (95, 14116), (106, 14167), (114, 14197), (143, 14302), (151, 14329), (172, 14401), (196, 14503), (222, 14560), (224, 14578), (230, 14614), (240, 14665),

Gene: Troje_8 Start: 5370, Stop: 6326, Start Num: 17
Candidate Starts for Troje_8:
(Start: 17 @5370 has 90 MA's), (23, 5385), (37, 5412), (64, 5538), (71, 5547), (86, 5625), (97, 5670), (99, 5679), (110, 5724), (118, 5760), (134, 5835), (187, 6015), (196, 6051), (197, 6054), (204, 6081), (249, 6237), (256, 6264), (260, 6282),

Gene: Trooper_16 Start: 11994, Stop: 12953, Start Num: 8
Candidate Starts for Trooper_16:
(Start: 8 @11994 has 530 MA's), (35, 12057), (50, 12126), (56, 12153), (75, 12195), (81, 12225), (84, 12249), (95, 12294), (106, 12345), (110, 12357), (114, 12375), (143, 12480), (151, 12507), (158, 12534), (222, 12738), (224, 12756),

Gene: Trouble_15 Start: 11897, Stop: 12904, Start Num: 8
Candidate Starts for Trouble_15:
(Start: 8 @11897 has 530 MA's), (52, 12041), (54, 12050), (62, 12092), (69, 12107), (96, 12227), (100, 12248), (131, 12383), (162, 12485), (184, 12569), (191, 12599), (229, 12740), (230, 12746), (241, 12794),

Gene: TroyPia_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for TroyPia_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: TruffulaTree_13 Start: 7928, Stop: 8866, Start Num: 25
Candidate Starts for TruffulaTree_13:
(Start: 25 @7928 has 441 MA's), (50, 8018), (56, 8045), (93, 8192), (96, 8204), (98, 8216), (119, 8303), (139, 8387), (150, 8417), (219, 8615), (226, 8654), (239, 8738), (240, 8741), (248, 8774), (255, 8798), (269, 8840),

Gene: Tubs_17 Start: 12848, Stop: 13807, Start Num: 8
Candidate Starts for Tubs_17:
(Start: 8 @12848 has 530 MA's), (35, 12908), (55, 12998), (56, 13004), (75, 13046), (81, 13076), (84, 13100), (95, 13145), (106, 13196), (110, 13208), (114, 13226), (147, 13349), (151, 13361), (222, 13592), (240, 13697),

Gene: Tucker_19 Start: 12235, Stop: 13206, Start Num: 7
Candidate Starts for Tucker_19:
(Start: 7 @12235 has 80 MA's), (35, 12295), (56, 12391), (75, 12433), (81, 12463), (84, 12487), (95, 12532), (106, 12583), (110, 12595), (114, 12613), (147, 12718), (196, 12904),

Gene: Turbido_18 Start: 12647, Stop: 13603, Start Num: 8
Candidate Starts for Turbido_18:
(Start: 8 @12647 has 530 MA's), (35, 12707), (46, 12755), (50, 12776), (56, 12803), (75, 12845), (81, 12875), (84, 12899), (106, 12995), (110, 13007), (143, 13130), (151, 13157), (158, 13184), (172, 13229), (222, 13388), (224, 13406), (230, 13442), (240, 13493),

Gene: Turj99_14 Start: 11339, Stop: 12337, Start Num: 8
Candidate Starts for Turj99_14:
(Start: 8 @11339 has 530 MA's), (52, 11483), (62, 11534), (69, 11549), (96, 11669), (100, 11690), (118, 11765), (131, 11825), (162, 11927), (184, 12011), (221, 12131), (230, 12188), (240, 12227), (241, 12233),

Gene: Twigg_13 Start: 10768, Stop: 11700, Start Num: 17
Candidate Starts for Twigg_13:
(Start: 17 @10768 has 90 MA's), (56, 10897), (75, 10939), (81, 10969), (99, 11056), (106, 11089), (184, 11353), (190, 11377), (205, 11437), (222, 11476), (225, 11497), (231, 11545), (244, 11602), (254, 11638), (260, 11662),

Gene: Twister_15 Start: 11283, Stop: 12224, Start Num: 8
Candidate Starts for Twister_15:
(Start: 8 @11283 has 530 MA's), (35, 11343), (52, 11421), (56, 11439), (60, 11454), (75, 11481), (81, 11511), (84, 11535), (106, 11631), (110, 11643), (114, 11661), (131, 11736), (141, 11757), (171, 11844), (184, 11898), (225, 12027), (230, 12060), (240, 12111), (249, 12147),

Gene: Twitch_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Twitch_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: TwoBits_6 Start: 4998, Stop: 5978, Start Num: 25
Candidate Starts for TwoBits_6:
(Start: 25 @4998 has 441 MA's), (55, 5109), (56, 5115), (60, 5136), (73, 5172), (94, 5271), (96, 5277), (103, 5313), (110, 5337), (136, 5454), (157, 5523), (158, 5526), (217, 5712), (220, 5721), (222, 5727), (224, 5745), (239, 5829), (240, 5832), (279, 5973),

Gene: TwoPeat_16 Start: 11858, Stop: 12859, Start Num: 8
Candidate Starts for TwoPeat_16:
(Start: 8 @11858 has 530 MA's), (69, 12068), (96, 12188), (100, 12209), (118, 12284), (131, 12344), (155, 12428), (162, 12446), (184, 12530), (230, 12707), (240, 12746), (241, 12752), (264, 12836),

Gene: TygerBlood_15 Start: 11481, Stop: 12413, Start Num: 8
Candidate Starts for TygerBlood_15:
(Start: 8 @11481 has 530 MA's), (35, 11541), (56, 11637), (81, 11709), (84, 11733), (106, 11829), (126, 11913), (174, 12057), (184, 12099), (230, 12261), (233, 12294), (240, 12312), (249, 12348), (258, 12381),

Gene: Typhonomachy_8 Start: 5380, Stop: 6351, Start Num: 17
Candidate Starts for Typhonomachy_8:
(Start: 17 @5380 has 90 MA's), (23, 5395), (37, 5431), (64, 5560), (110, 5746), (118, 5782), (144, 5884), (187, 6037), (204, 6103), (249, 6259), (260, 6304),

Gene: U2_15 Start: 11521, Stop: 12537, Start Num: 8
Candidate Starts for U2_15:
(Start: 8 @11521 has 530 MA's), (62, 11716), (69, 11731), (75, 11746), (88, 11818), (96, 11851), (100, 11872), (118, 11947), (131, 12007), (184, 12193), (229, 12364), (230, 12370), (241, 12427), (250, 12463), (254, 12478),

Gene: Ugenie5_14 Start: 12881, Stop: 13840, Start Num: 8
Candidate Starts for Ugenie5_14:
(Start: 8 @12881 has 530 MA's), (35, 12941), (55, 13031), (56, 13037), (75, 13079), (81, 13109), (84, 13133), (95, 13178), (106, 13229), (110, 13241), (114, 13259), (147, 13382), (151, 13394), (222, 13625), (240, 13730),

Gene: UhSalsa_12 Start: 7716, Stop: 8636, Start Num: 18
Candidate Starts for UhSalsa_12:
(Start: 18 @7716 has 40 MA's), (56, 7845), (85, 7947), (96, 7989), (99, 8004), (106, 8037), (169, 8241), (192, 8337), (258, 8592),

Gene: Ulysses_14 Start: 11200, Stop: 12132, Start Num: 8
Candidate Starts for Ulysses_14:
(Start: 8 @11200 has 530 MA's), (35, 11260), (56, 11356), (81, 11428), (84, 11452), (106, 11548), (114, 11578), (126, 11632), (174, 11776), (184, 11818), (230, 11980), (233, 12013), (240, 12031), (249, 12067), (258, 12100),

Gene: UncleRicky_7 Start: 5007, Stop: 5915, Start Num: 25

Candidate Starts for UncleRicky_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (239, 5805), (242, 5820), (248, 5841),

Gene: Unicorn_12 Start: 6920, Stop: 7843, Start Num: 25
Candidate Starts for Unicorn_12:
(Start: 25 @6920 has 441 MA's), (39, 6953), (56, 7037), (93, 7184), (98, 7208), (109, 7253), (124, 7325), (128, 7340), (131, 7352), (139, 7379), (177, 7508), (221, 7613), (226, 7646), (229, 7664), (239, 7730), (240, 7733), (248, 7766),

Gene: UnionJack_13 Start: 10339, Stop: 11280, Start Num: 17
Candidate Starts for UnionJack_13:
(Start: 17 @10339 has 90 MA's), (56, 10468), (81, 10540), (99, 10627), (106, 10660), (151, 10801), (184, 10924), (190, 10948), (205, 11008), (222, 11047), (225, 11068), (231, 11116), (244, 11173), (254, 11209), (260, 11233),

Gene: Updawg_18 Start: 12655, Stop: 13611, Start Num: 8
Candidate Starts for Updawg_18:
(Start: 8 @12655 has 530 MA's), (35, 12715), (50, 12784), (56, 12811), (75, 12853), (81, 12883), (84, 12907), (95, 12952), (106, 13003), (110, 13015), (143, 13138), (151, 13165), (158, 13192), (172, 13237), (222, 13396), (224, 13414), (230, 13450), (240, 13501),

Gene: Urkel_13 Start: 7882, Stop: 8817, Start Num: 25
Candidate Starts for Urkel_13:
(Start: 25 @7882 has 441 MA's), (50, 7972), (56, 7999), (93, 8146), (96, 8158), (98, 8170), (119, 8257), (150, 8371), (219, 8569), (226, 8608), (229, 8626), (239, 8692), (248, 8728), (255, 8752), (269, 8794),

Gene: VA6_16 Start: 12170, Stop: 13126, Start Num: 8
Candidate Starts for VA6_16:
(Start: 8 @12170 has 530 MA's), (19, 12194), (35, 12230), (56, 12326), (75, 12368), (81, 12398), (84, 12422), (95, 12467), (106, 12518), (110, 12530), (120, 12578), (151, 12680), (168, 12737), (230, 12965), (240, 13016),

Gene: VC3_19 Start: 12128, Stop: 13129, Start Num: 8
Candidate Starts for VC3_19:
(Start: 8 @12128 has 530 MA's), (35, 12188), (55, 12278), (56, 12284), (75, 12326), (81, 12356), (84, 12380), (95, 12425), (106, 12476), (110, 12488), (114, 12506), (154, 12656), (230, 12956), (240, 13007), (258, 13076), (260, 13088),

Gene: Validus_13 Start: 6925, Stop: 7860, Start Num: 25
Candidate Starts for Validus_13:
(Start: 25 @6925 has 441 MA's), (56, 7042), (61, 7069), (93, 7189), (96, 7201), (119, 7300), (124, 7330), (139, 7384), (219, 7612), (226, 7651), (239, 7735), (240, 7738), (255, 7795), (264, 7825),

Gene: Vanisoa_15 Start: 10928, Stop: 11896, Start Num: 8
Candidate Starts for Vanisoa_15:
(Start: 8 @10928 has 530 MA's), (35, 10988), (56, 11084), (81, 11156), (84, 11180), (95, 11225), (106, 11276), (114, 11306), (143, 11411), (158, 11465),

Gene: Velene_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Velene_6:

(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Veliki_13 Start: 7974, Stop: 8909, Start Num: 25
Candidate Starts for Veliki_13:
(Start: 25 @7974 has 441 MA's), (50, 8064), (56, 8091), (93, 8238), (96, 8250), (98, 8262), (119, 8349), (139, 8433), (150, 8463), (219, 8661), (226, 8700), (239, 8784), (240, 8787), (248, 8820), (255, 8844), (269, 8886),

Gene: Velveteen_7 Start: 5007, Stop: 5915, Start Num: 25
Candidate Starts for Velveteen_7:
(Start: 25 @5007 has 441 MA's), (50, 5097), (51, 5100), (56, 5124), (73, 5181), (80, 5211), (98, 5295), (124, 5412), (164, 5544), (175, 5586), (222, 5703), (223, 5706), (229, 5751), (232, 5775), (239, 5805), (242, 5820), (248, 5841),

Gene: Veracruz_15 Start: 11634, Stop: 12626, Start Num: 10
Candidate Starts for Veracruz_15:
(Start: 10 @11634 has 117 MA's), (56, 11775), (99, 11934), (106, 11967), (156, 12159), (171, 12207), (178, 12234), (184, 12261), (204, 12342), (210, 12357), (222, 12381), (230, 12435), (236, 12480), (238, 12486), (244, 12519), (254, 12555), (268, 12597),

Gene: Vine_9 Start: 6093, Stop: 7052, Start Num: 17
Candidate Starts for Vine_9:
(Start: 17 @6093 has 90 MA's), (37, 6144), (66, 6273), (87, 6360), (97, 6402), (99, 6411), (110, 6456), (128, 6540), (155, 6636), (170, 6693), (187, 6747), (196, 6783), (250, 6975), (256, 6996), (260, 7014), (278, 7044),

Gene: Violet_14 Start: 12156, Stop: 13160, Start Num: 8
Candidate Starts for Violet_14:
(Start: 8 @12156 has 530 MA's), (52, 12300), (54, 12309), (62, 12351), (69, 12366), (96, 12486), (100, 12507), (118, 12582), (131, 12642), (162, 12744), (184, 12828), (191, 12858), (221, 12948), (229, 12999), (230, 13005), (241, 13053),

Gene: Vispistious_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for Vispistious_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: ViviJ_10 Start: 7861, Stop: 8781, Start Num: 25
Candidate Starts for ViviJ_10:
(Start: 25 @7861 has 441 MA's), (56, 7978), (61, 8005), (80, 8065), (87, 8101), (89, 8107), (96, 8137), (103, 8173), (119, 8236), (124, 8266), (239, 8671), (240, 8674), (248, 8707), (255, 8731),

Gene: Vix_17 Start: 11621, Stop: 12613, Start Num: 10
Candidate Starts for Vix_17:
(Start: 10 @11621 has 117 MA's), (56, 11762), (90, 11882), (99, 11921), (106, 11954), (131, 12065), (158, 12152), (184, 12248), (204, 12329), (218, 12356), (222, 12368), (230, 12422), (236, 12467), (238, 12473), (244, 12506), (254, 12542), (260, 12566),

Gene: VohminGhazi_19 Start: 12240, Stop: 13211, Start Num: 7
Candidate Starts for VohminGhazi_19:
(Start: 7 @12240 has 80 MA's), (35, 12300), (56, 12396), (75, 12438), (81, 12468), (84, 12492), (95, 12537), (106, 12588), (110, 12600), (114, 12618), (147, 12723), (196, 12909), (260, 13182),

Gene: Volt_41 Start: 15254, Stop: 16228, Start Num: 25
Candidate Starts for Volt_41:
(Start: 25 @15254 has 441 MA's), (47, 15326), (50, 15344), (56, 15371), (109, 15587), (136, 15704), (157, 15773), (186, 15881), (191, 15908), (196, 15929), (223, 16010), (226, 16037), (239, 16109), (240, 16112), (249, 16148),

Gene: WST1_7 Start: 6019, Stop: 6936, Start Num: 34
Candidate Starts for WST1_7:
(Start: 34 @6019 has 110 MA's), (59, 6130), (68, 6154), (94, 6265), (113, 6352), (116, 6364), (118, 6376), (127, 6421), (134, 6451), (135, 6454), (153, 6508), (154, 6511), (160, 6529), (170, 6568), (176, 6592), (183, 6622), (203, 6706), (218, 6733), (230, 6799),

Gene: Waits_18 Start: 11262, Stop: 12212, Start Num: 8
Candidate Starts for Waits_18:
(Start: 8 @11262 has 530 MA's), (35, 11322), (56, 11418), (81, 11490), (84, 11514), (95, 11559), (106, 11610), (114, 11640), (225, 12018), (249, 12138), (260, 12183),

Gene: WalterMcMickey_15 Start: 11283, Stop: 12224, Start Num: 8
Candidate Starts for WalterMcMickey_15:
(Start: 8 @11283 has 530 MA's), (35, 11343), (52, 11421), (56, 11439), (60, 11454), (75, 11481), (81, 11511), (84, 11535), (106, 11631), (110, 11643), (114, 11661), (131, 11736), (141, 11757), (171, 11844), (184, 11898), (225, 12027), (230, 12060), (240, 12111), (249, 12147),

Gene: Wander_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for Wander_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Wardwill_9 Start: 5359, Stop: 6339, Start Num: 25
Candidate Starts for Wardwill_9:
(Start: 25 @5359 has 441 MA's), (55, 5470), (56, 5476), (60, 5497), (94, 5632), (103, 5674), (110, 5698), (136, 5815), (157, 5884), (158, 5887), (217, 6073), (222, 6088), (224, 6106), (239, 6190), (240, 6193), (279, 6334),

Gene: Warrior24_18 Start: 11266, Stop: 12216, Start Num: 8
Candidate Starts for Warrior24_18:
(Start: 8 @11266 has 530 MA's), (35, 11326), (56, 11422), (81, 11494), (84, 11518), (95, 11563), (106, 11614), (114, 11644), (225, 12022), (249, 12142), (260, 12187),

Gene: Waterfoul_11 Start: 7976, Stop: 8908, Start Num: 25
Candidate Starts for Waterfoul_11:
(Start: 25 @7976 has 441 MA's), (56, 8093), (61, 8120), (80, 8180), (87, 8216), (89, 8222), (103, 8288), (119, 8351), (124, 8381), (168, 8528), (239, 8786), (240, 8789), (248, 8822), (255, 8846),

Gene: Watermelon_17 Start: 12447, Stop: 13457, Start Num: 8
Candidate Starts for Watermelon_17:
(Start: 8 @12447 has 530 MA's), (52, 12591), (62, 12642), (69, 12657), (96, 12777), (100, 12798), (118, 12873), (131, 12933), (146, 12984), (155, 13017), (162, 13035), (184, 13119), (229, 13290), (230, 13296), (241, 13350), (264, 13434),

Gene: Watson_17 Start: 11531, Stop: 12523, Start Num: 10

Candidate Starts for Watson_17:
(Start: 10 @11531 has 117 MA's), (56, 11672), (90, 11792), (99, 11831), (106, 11864), (131, 11975), (158, 12062), (184, 12158), (204, 12239), (218, 12266), (222, 12278), (230, 12332), (236, 12377), (238, 12383), (244, 12416), (254, 12452), (260, 12476),

Gene: WeiHuaDA_22 Start: 14421, Stop: 15377, Start Num: 8
Candidate Starts for WeiHuaDA_22:
(Start: 8 @14421 has 530 MA's), (35, 14481), (50, 14550), (56, 14577), (75, 14619), (81, 14649), (84, 14673), (95, 14718), (106, 14769), (110, 14781), (114, 14799), (143, 14904), (151, 14931), (158, 14958), (222, 15162), (224, 15180), (230, 15216), (235, 15255),

Gene: Wendigo_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Wendigo_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: WestPM_8 Start: 5411, Stop: 6406, Start Num: 25
Candidate Starts for WestPM_8:
(Start: 25 @5411 has 441 MA's), (50, 5501), (55, 5522), (56, 5528), (58, 5540), (60, 5549), (93, 5678), (94, 5684), (96, 5690), (110, 5750), (115, 5771), (118, 5786), (165, 5960), (217, 6125), (222, 6140), (230, 6194), (239, 6254), (240, 6257),

Gene: Whabigail7_18 Start: 12635, Stop: 13591, Start Num: 8
Candidate Starts for Whabigail7_18:
(Start: 8 @12635 has 530 MA's), (35, 12695), (46, 12743), (50, 12764), (56, 12791), (75, 12833), (81, 12863), (84, 12887), (106, 12983), (110, 12995), (143, 13118), (151, 13145), (158, 13172), (172, 13217), (222, 13376), (224, 13394), (230, 13430), (240, 13481),

Gene: Wheeler_15 Start: 11614, Stop: 12630, Start Num: 8
Candidate Starts for Wheeler_15:
(Start: 8 @11614 has 530 MA's), (62, 11809), (69, 11824), (75, 11839), (88, 11911), (96, 11944), (100, 11965), (118, 12040), (131, 12100), (184, 12286), (229, 12457), (230, 12463), (241, 12520), (250, 12556),

Gene: Whitney_7 Start: 4897, Stop: 5835, Start Num: 34
Candidate Starts for Whitney_7:
(Start: 34 @4897 has 110 MA's), (44, 4939), (45, 4942), (68, 5032), (91, 5134), (105, 5206), (106, 5209), (154, 5398), (198, 5551), (202, 5563), (218, 5626), (228, 5680), (256, 5785), (261, 5806),

Gene: Whitspit_16 Start: 12237, Stop: 13430, Start Num: 14
Candidate Starts for Whitspit_16:
(Start: 14 @12237 has 5 MA's), (35, 12285), (41, 12309), (56, 12381), (81, 12453), (84, 12477), (88, 12492), (106, 12573), (114, 12603), (154, 12729), (178, 12810), (184, 12837), (219, 12936), (258, 13119), (260, 13131), (280, 13263), (282, 13296), (284, 13317), (286, 13350),

Gene: WideWale_18 Start: 12655, Stop: 13611, Start Num: 8
Candidate Starts for WideWale_18:
(Start: 8 @12655 has 530 MA's), (35, 12715), (50, 12784), (56, 12811), (75, 12853), (81, 12883), (84, 12907), (95, 12952), (106, 13003), (110, 13015), (143, 13138), (151, 13165), (158, 13192), (172, 13237), (222, 13396), (224, 13414), (230, 13450), (240, 13501),

Gene: Wiks_19 Start: 12216, Stop: 13187, Start Num: 7
Candidate Starts for Wiks_19:

(Start: 7 @12216 has 80 MA's), (35, 12276), (56, 12372), (75, 12414), (81, 12444), (84, 12468), (95, 12513), (106, 12564), (110, 12576), (114, 12594), (147, 12699), (196, 12885), (260, 13158),

Gene: Wilbur_15 Start: 11478, Stop: 12410, Start Num: 8
Candidate Starts for Wilbur_15:
(Start: 8 @11478 has 530 MA's), (35, 11538), (56, 11634), (81, 11706), (84, 11730), (106, 11826), (126, 11910), (174, 12054), (184, 12096), (230, 12258), (233, 12291), (240, 12309), (249, 12345), (258, 12378),

Gene: WildNOut_6 Start: 4708, Stop: 5634, Start Num: 25
Candidate Starts for WildNOut_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Wile_15 Start: 11501, Stop: 12433, Start Num: 8
Candidate Starts for Wile_15:
(Start: 8 @11501 has 530 MA's), (35, 11561), (56, 11657), (60, 11672), (76, 11714), (81, 11729), (84, 11753), (106, 11849), (114, 11879), (126, 11933), (174, 12077), (184, 12119), (230, 12281), (240, 12332), (249, 12368), (258, 12401),

Gene: Wilkins_15 Start: 11325, Stop: 12329, Start Num: 8
Candidate Starts for Wilkins_15:
(Start: 8 @11325 has 530 MA's), (52, 11469), (54, 11478), (62, 11520), (69, 11535), (96, 11655), (100, 11676), (118, 11751), (131, 11811), (162, 11913), (184, 11997), (191, 12027), (221, 12117), (229, 12168), (230, 12174), (241, 12222),

Gene: WilliamStrong_6 Start: 5769, Stop: 6749, Start Num: 25
Candidate Starts for WilliamStrong_6:
(Start: 25 @5769 has 441 MA's), (45, 5832), (50, 5859), (55, 5880), (56, 5886), (60, 5907), (73, 5943), (93, 6036), (94, 6042), (96, 6048), (157, 6294), (158, 6297), (217, 6483), (239, 6600), (240, 6603), (272, 6714), (279, 6744),

Gene: Wintermute_14 Start: 9164, Stop: 10093, Start Num: 25
Candidate Starts for Wintermute_14:
(Start: 25 @9164 has 441 MA's), (50, 9254), (55, 9275), (56, 9281), (61, 9308), (80, 9368), (102, 9470), (103, 9476), (118, 9536), (131, 9596), (150, 9653), (168, 9716), (175, 9743), (213, 9836), (226, 9890), (229, 9908), (239, 9974), (255, 10034),

Gene: Winzigespinne_6 Start: 4707, Stop: 5633, Start Num: 25
Candidate Starts for Winzigespinne_6:
(Start: 25 @4707 has 441 MA's), (56, 4824), (60, 4845), (73, 4881), (93, 4974), (94, 4980), (96, 4986), (110, 5046), (128, 5130), (166, 5244), (204, 5370), (224, 5436), (239, 5520), (245, 5547), (269, 5622),

Gene: Wizard007_15 Start: 11481, Stop: 12413, Start Num: 8
Candidate Starts for Wizard007_15:
(Start: 8 @11481 has 530 MA's), (35, 11541), (56, 11637), (81, 11709), (84, 11733), (106, 11829), (126, 11913), (174, 12057), (184, 12099), (230, 12261), (233, 12294), (240, 12312), (249, 12348), (258, 12381),

Gene: Wizzo_6 Start: 4645, Stop: 5592, Start Num: 32
Candidate Starts for Wizzo_6:
(Start: 31 @4642 has 3 MA's), (Start: 32 @4645 has 42 MA's), (44, 4693), (53, 4735), (71, 4789), (92, 4891), (99, 4921), (104, 4954), (116, 5002), (127, 5059), (159, 5158), (165, 5182), (174, 5218), (183,

5254), (189, 5281), (206, 5341), (246, 5485), (251, 5503), (253, 5512), (263, 5545),

Gene: Wolfwood_12 Start: 6292, Stop: 7218, Start Num: 28
Candidate Starts for Wolfwood_12:
(Start: 28 @6292 has 10 MA's), (59, 6427), (88, 6538), (97, 6577), (103, 6607), (110, 6631), (118, 6667), (128, 6715), (134, 6742), (153, 6805), (154, 6808), (155, 6811), (187, 6922), (196, 6958), (202, 6976), (204, 6988), (227, 7057), (229, 7072), (248, 7141), (256, 7171),

Gene: Wolpertinger_15 Start: 12702, Stop: 13691, Start Num: 7
Candidate Starts for Wolpertinger_15:
(Start: 7 @12702 has 80 MA's), (35, 12762), (43, 12792), (55, 12852), (56, 12858), (75, 12900), (81, 12930), (84, 12954), (95, 12999), (106, 13050), (110, 13062), (114, 13080), (132, 13164), (147, 13200), (151, 13212), (158, 13239), (230, 13497), (253, 13602),

Gene: Wooldri_19 Start: 11450, Stop: 12442, Start Num: 10
Candidate Starts for Wooldri_19:
(Start: 10 @11450 has 117 MA's), (56, 11591), (90, 11711), (99, 11750), (106, 11783), (131, 11894), (158, 11981), (184, 12077), (204, 12158), (218, 12185), (222, 12197), (230, 12251), (236, 12296), (238, 12302), (244, 12335), (254, 12371), (260, 12395),

Gene: WorldCup_14 Start: 10914, Stop: 11882, Start Num: 8
Candidate Starts for WorldCup_14:
(Start: 8 @10914 has 530 MA's), (35, 10974), (56, 11070), (81, 11142), (84, 11166), (95, 11211), (106, 11262), (114, 11292), (143, 11397), (152, 11430), (158, 11451), (247, 11802),

Gene: WunderPhul_19 Start: 12216, Stop: 13187, Start Num: 7
Candidate Starts for WunderPhul_19:
(Start: 7 @12216 has 80 MA's), (35, 12276), (56, 12372), (75, 12414), (81, 12444), (84, 12468), (95, 12513), (106, 12564), (110, 12576), (114, 12594), (147, 12699), (196, 12885), (260, 13158),

Gene: Xebius_5 Start: 4886, Stop: 5827, Start Num: 25
Candidate Starts for Xebius_5:
(Start: 25 @4886 has 441 MA's), (49, 4973), (56, 5003), (58, 5015), (60, 5024), (73, 5060), (110, 5225), (128, 5309), (158, 5408), (225, 5630), (239, 5711), (273, 5816),

Gene: Xena_15 Start: 11488, Stop: 12420, Start Num: 8
Candidate Starts for Xena_15:
(Start: 8 @11488 has 530 MA's), (35, 11548), (56, 11644), (60, 11659), (81, 11716), (84, 11740), (106, 11836), (126, 11920), (174, 12064), (184, 12106), (230, 12268), (240, 12319), (249, 12355), (258, 12388),

Gene: XianYue_16 Start: 12113, Stop: 13081, Start Num: 5
Candidate Starts for XianYue_16:
(Start: 5 @12113 has 1 MA's), (35, 12188), (42, 12215), (50, 12257), (56, 12284), (75, 12326), (81, 12356), (106, 12476), (114, 12506), (151, 12638), (158, 12665), (222, 12869), (235, 12962), (240, 12974),

Gene: Ximenita_13 Start: 7063, Stop: 7986, Start Num: 25
Candidate Starts for Ximenita_13:
(Start: 25 @7063 has 441 MA's), (56, 7180), (61, 7207), (89, 7309), (93, 7327), (96, 7339), (98, 7351), (150, 7552), (221, 7756), (226, 7789), (229, 7807), (239, 7873), (240, 7876), (248, 7909), (263, 7960),

Gene: Y10_14 Start: 9164, Stop: 10093, Start Num: 25

Candidate Starts for Y10_14:
(Start: 25 @9164 has 441 MA's), (50, 9254), (55, 9275), (56, 9281), (61, 9308), (80, 9368), (102, 9470), (103, 9476), (118, 9536), (128, 9584), (131, 9596), (150, 9653), (168, 9716), (175, 9743), (213, 9836), (226, 9890), (229, 9908), (239, 9974), (255, 10034),

Gene: Y2_14 Start: 9164, Stop: 10093, Start Num: 25
Candidate Starts for Y2_14:
(Start: 25 @9164 has 441 MA's), (50, 9254), (55, 9275), (56, 9281), (61, 9308), (80, 9368), (102, 9470), (103, 9476), (118, 9536), (128, 9584), (131, 9596), (150, 9653), (168, 9716), (175, 9743), (213, 9836), (226, 9890), (229, 9908), (239, 9974), (255, 10034),

Gene: Yakult_9 Start: 5335, Stop: 6264, Start Num: 26
Candidate Starts for Yakult_9:
(Start: 26 @5335 has 7 MA's), (44, 5401), (71, 5497), (76, 5524), (97, 5620), (99, 5629), (100, 5635), (105, 5659), (110, 5674), (118, 5710), (128, 5758), (154, 5851), (187, 5965), (196, 6001), (197, 6004), (249, 6187),

Gene: YangYin_7 Start: 7256, Stop: 8182, Start Num: 34
Candidate Starts for YangYin_7:
(Start: 34 @7256 has 110 MA's), (47, 7313), (53, 7343), (86, 7475), (94, 7508), (103, 7559), (124, 7652), (153, 7757), (168, 7814), (190, 7889), (202, 7931), (222, 7991), (260, 8156),

Gene: Yarn_7 Start: 5405, Stop: 6361, Start Num: 17
Candidate Starts for Yarn_7:
(Start: 17 @5405 has 90 MA's), (37, 5447), (86, 5660), (97, 5705), (99, 5714), (110, 5759), (134, 5870), (170, 5996), (187, 6050), (196, 6086), (197, 6089), (204, 6116), (249, 6272), (260, 6317), (261, 6320),

Gene: YasnayaPolyana_14 Start: 9165, Stop: 10094, Start Num: 25
Candidate Starts for YasnayaPolyana_14:
(Start: 25 @9165 has 441 MA's), (50, 9255), (55, 9276), (56, 9282), (61, 9309), (80, 9369), (102, 9471), (103, 9477), (118, 9537), (120, 9549), (128, 9585), (131, 9597), (150, 9654), (168, 9717), (175, 9744), (213, 9837), (226, 9891), (229, 9909), (239, 9975), (255, 10035),

Gene: Yecey3_16 Start: 11004, Stop: 11972, Start Num: 8
Candidate Starts for Yecey3_16:
(Start: 8 @11004 has 530 MA's), (35, 11064), (56, 11160), (81, 11232), (84, 11256), (95, 11301), (106, 11352), (110, 11364), (114, 11382), (143, 11487), (152, 11520), (158, 11541),

Gene: YoSam321_15 Start: 11479, Stop: 12411, Start Num: 8
Candidate Starts for YoSam321_15:
(Start: 8 @11479 has 530 MA's), (35, 11539), (56, 11635), (81, 11707), (84, 11731), (106, 11827), (126, 11911), (174, 12055), (184, 12097), (230, 12259), (233, 12292), (240, 12310), (249, 12346), (258, 12379),

Gene: Yogi_12 Start: 7701, Stop: 8603, Start Num: 18
Candidate Starts for Yogi_12:
(Start: 18 @7701 has 40 MA's), (56, 7830), (85, 7932), (96, 7974), (99, 7989), (106, 8022), (135, 8145), (178, 8277), (192, 8337), (200, 8370),

Gene: Yokurt_19 Start: 12216, Stop: 13187, Start Num: 7
Candidate Starts for Yokurt_19:
(Start: 7 @12216 has 80 MA's), (35, 12276), (56, 12372), (75, 12414), (81, 12444), (84, 12468), (95, 12513), (106, 12564), (110, 12576), (114, 12594), (147, 12699), (196, 12885), (260, 13158),

Gene: Yoncess_12 Start: 7701, Stop: 8603, Start Num: 18
Candidate Starts for Yoncess_12:
(Start: 18 @7701 has 40 MA's), (56, 7830), (85, 7932), (96, 7974), (99, 7989), (106, 8022), (178, 8277), (192, 8337), (200, 8370),

Gene: Yoshi_7 Start: 4877, Stop: 5812, Start Num: 34
Candidate Starts for Yoshi_7:
(Start: 34 @4877 has 110 MA's), (45, 4922), (47, 4931), (56, 4976), (68, 5012), (91, 5114), (106, 5189), (152, 5369), (170, 5435), (198, 5531), (207, 5564), (211, 5582), (218, 5606), (226, 5648), (251, 5747), (256, 5765), (261, 5786),

Gene: YoureAdopted_12 Start: 7904, Stop: 8842, Start Num: 25
Candidate Starts for YoureAdopted_12:
(Start: 25 @7904 has 441 MA's), (50, 7994), (56, 8021), (93, 8168), (96, 8180), (98, 8192), (119, 8279), (139, 8363), (150, 8393), (219, 8591), (226, 8630), (239, 8714), (240, 8717), (248, 8750), (255, 8774), (269, 8816),

Gene: Yucky_8 Start: 5954, Stop: 6913, Start Num: 17
Candidate Starts for Yucky_8:
(Start: 17 @5954 has 90 MA's), (37, 6005), (66, 6134), (87, 6221), (97, 6263), (99, 6272), (110, 6317), (128, 6401), (155, 6497), (170, 6554), (187, 6608), (196, 6644), (256, 6857), (260, 6875), (278, 6905),

Gene: Yummy_9 Start: 5276, Stop: 6229, Start Num: 17
Candidate Starts for Yummy_9:
(Start: 17 @5276 has 90 MA's), (23, 5291), (37, 5318), (64, 5444), (71, 5453), (86, 5531), (97, 5576), (99, 5585), (110, 5630), (118, 5666), (134, 5741), (187, 5921), (196, 5957), (197, 5960), (204, 5987), (249, 6143), (256, 6170), (260, 6188),

Gene: Yuna_13 Start: 7051, Stop: 7974, Start Num: 25
Candidate Starts for Yuna_13:
(Start: 25 @7051 has 441 MA's), (50, 7141), (55, 7162), (56, 7168), (61, 7195), (89, 7297), (93, 7315), (98, 7339), (124, 7456), (128, 7471), (177, 7639), (219, 7738), (221, 7744), (226, 7777), (239, 7861), (240, 7864), (248, 7897), (255, 7921),

Gene: Yunkel11_13 Start: 6888, Stop: 7817, Start Num: 25
Candidate Starts for Yunkel11_13:
(Start: 25 @6888 has 441 MA's), (50, 6978), (56, 7005), (93, 7152), (96, 7164), (98, 7176), (119, 7263), (150, 7377), (219, 7575), (226, 7614), (239, 7698), (240, 7701), (248, 7734), (255, 7758), (263, 7785), (269, 7800),

Gene: YuuY_6 Start: 5002, Stop: 5949, Start Num: 25
Candidate Starts for YuuY_6:
(Start: 25 @5002 has 441 MA's), (56, 5119), (58, 5131), (60, 5140), (61, 5146), (73, 5176), (80, 5209), (110, 5341), (120, 5389), (128, 5425), (157, 5521), (158, 5524), (206, 5683), (239, 5827),

Gene: Zabiza_13 Start: 7929, Stop: 8867, Start Num: 25
Candidate Starts for Zabiza_13:
(Start: 25 @7929 has 441 MA's), (50, 8019), (56, 8046), (93, 8193), (96, 8205), (98, 8217), (119, 8304), (139, 8388), (150, 8418), (219, 8616), (226, 8655), (239, 8739), (240, 8742), (248, 8775), (255, 8799), (269, 8841),

Gene: Zada_6 Start: 4708, Stop: 5634, Start Num: 25

Candidate Starts for Zada_6:
(Start: 25 @4708 has 441 MA's), (56, 4825), (60, 4846), (73, 4882), (93, 4975), (94, 4981), (96, 4987), (110, 5047), (128, 5131), (166, 5245), (204, 5371), (219, 5410), (224, 5437), (239, 5521), (245, 5548), (269, 5623),

Gene: Zaka_19 Start: 12216, Stop: 13187, Start Num: 7
Candidate Starts for Zaka_19:
(Start: 7 @12216 has 80 MA's), (35, 12276), (56, 12372), (75, 12414), (81, 12444), (84, 12468), (95, 12513), (106, 12564), (110, 12576), (114, 12594), (147, 12699), (196, 12885), (260, 13158),

Gene: Zapner_8 Start: 5402, Stop: 6337, Start Num: 34
Candidate Starts for Zapner_8:
(Start: 34 @5402 has 110 MA's), (45, 5447), (47, 5456), (56, 5501), (68, 5537), (91, 5639), (106, 5714), (152, 5894), (170, 5960), (198, 6056), (207, 6089), (211, 6107), (218, 6131), (226, 6173), (251, 6272), (256, 6290), (261, 6311),

Gene: Zarafa_15 Start: 11165, Stop: 12139, Start Num: 10
Candidate Starts for Zarafa_15:
(Start: 10 @11165 has 117 MA's), (56, 11306), (90, 11426), (99, 11465), (106, 11498), (171, 11735), (178, 11762), (184, 11789), (205, 11873), (230, 11963), (236, 12008), (238, 12014), (244, 12047), (254, 12083),

Gene: Zareef_10 Start: 6294, Stop: 7220, Start Num: 28
Candidate Starts for Zareef_10:
(Start: 28 @6294 has 10 MA's), (59, 6429), (88, 6540), (97, 6579), (103, 6609), (110, 6633), (118, 6669), (128, 6717), (134, 6744), (153, 6807), (154, 6810), (155, 6813), (187, 6924), (196, 6960), (202, 6978), (204, 6990), (227, 7059), (229, 7074), (248, 7143), (256, 7173),

Gene: Zavala_13 Start: 7913, Stop: 8848, Start Num: 25
Candidate Starts for Zavala_13:
(Start: 25 @7913 has 441 MA's), (50, 8003), (56, 8030), (93, 8177), (96, 8189), (98, 8201), (119, 8288), (139, 8372), (150, 8402), (219, 8600), (226, 8639), (239, 8723), (240, 8726), (248, 8759), (255, 8783), (269, 8825),

Gene: Zayuliv_8 Start: 5173, Stop: 6153, Start Num: 25
Candidate Starts for Zayuliv_8:
(Start: 25 @5173 has 441 MA's), (55, 5284), (56, 5290), (60, 5311), (83, 5398), (94, 5446), (103, 5488), (110, 5512), (136, 5629), (157, 5698), (158, 5701), (217, 5887), (222, 5902), (224, 5920), (239, 6004), (240, 6007), (279, 6148),

Gene: Zeeculate_14 Start: 11309, Stop: 12316, Start Num: 8
Candidate Starts for Zeeculate_14:
(Start: 8 @11309 has 530 MA's), (52, 11453), (62, 11504), (69, 11519), (96, 11639), (100, 11660), (118, 11735), (131, 11795), (155, 11879), (162, 11897), (184, 11981), (230, 12158), (240, 12197), (241, 12203),

Gene: Zenitsu_6 Start: 4889, Stop: 5845, Start Num: 25
Candidate Starts for Zenitsu_6:
(Start: 25 @4889 has 441 MA's), (49, 4976), (56, 5006), (58, 5018), (60, 5027), (80, 5096), (110, 5228), (128, 5312), (158, 5411), (165, 5432), (225, 5633), (239, 5714),

Gene: Zephyr_15 Start: 11449, Stop: 12465, Start Num: 8
Candidate Starts for Zephyr_15:

(Start: 8 @11449 has 530 MA's), (62, 11644), (69, 11659), (75, 11674), (88, 11746), (96, 11779), (100, 11800), (118, 11875), (131, 11935), (184, 12121), (229, 12292), (230, 12298), (241, 12355), (250, 12391), (254, 12406),

Gene: Zepp_9 Start: 5188, Stop: 6168, Start Num: 25
Candidate Starts for Zepp_9:
(Start: 25 @5188 has 441 MA's), (55, 5299), (56, 5305), (60, 5326), (83, 5413), (94, 5461), (103, 5503), (110, 5527), (136, 5644), (157, 5713), (158, 5716), (217, 5902), (222, 5917), (224, 5935), (239, 6019), (240, 6022), (279, 6163),

Gene: Zetzy_16 Start: 11091, Stop: 12065, Start Num: 10
Candidate Starts for Zetzy_16:
(Start: 10 @11091 has 117 MA's), (56, 11235), (90, 11355), (99, 11394), (106, 11427), (184, 11718), (190, 11742), (191, 11748), (204, 11799), (219, 11829), (230, 11892), (244, 11976), (254, 12012), (260, 12036),

Gene: Zeuska_16 Start: 12127, Stop: 13125, Start Num: 8
Candidate Starts for Zeuska_16:
(Start: 8 @12127 has 530 MA's), (52, 12271), (62, 12322), (69, 12337), (96, 12457), (100, 12478), (118, 12553), (131, 12613), (155, 12697), (162, 12715), (184, 12799), (221, 12919), (230, 12976), (240, 13015), (241, 13021),

Gene: Ziko_42 Start: 15194, Stop: 16168, Start Num: 25
Candidate Starts for Ziko_42:
(Start: 25 @15194 has 441 MA's), (47, 15266), (50, 15284), (56, 15311), (109, 15527), (136, 15644), (157, 15713), (186, 15821), (191, 15848), (196, 15869), (223, 15950), (226, 15977), (239, 16049), (240, 16052), (249, 16088),

Gene: Zimmer_18 Start: 13717, Stop: 14679, Start Num: 8
Candidate Starts for Zimmer_18:
(Start: 8 @13717 has 530 MA's), (35, 13777), (41, 13801), (55, 13867), (56, 13873), (81, 13945), (84, 13969), (95, 14014), (106, 14065), (114, 14095), (147, 14221), (151, 14233), (222, 14464), (240, 14569),

Gene: ZoMa_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for ZoMa_7:
(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: ZoeJ_9 Start: 5897, Stop: 6814, Start Num: 25
Candidate Starts for ZoeJ_9:
(Start: 25 @5897 has 441 MA's), (55, 6008), (56, 6014), (61, 6041), (96, 6173), (102, 6203), (103, 6209), (128, 6317), (131, 6329), (150, 6386), (175, 6476), (219, 6584), (221, 6590), (224, 6611), (226, 6623), (239, 6707), (248, 6743), (255, 6767), (263, 6794),

Gene: Zolita_12 Start: 10877, Stop: 11809, Start Num: 17
Candidate Starts for Zolita_12:
(Start: 17 @10877 has 90 MA's), (56, 11006), (75, 11048), (81, 11078), (99, 11165), (106, 11198), (151, 11339), (184, 11462), (190, 11486), (205, 11546), (222, 11585), (225, 11606), (231, 11654), (244, 11711), (254, 11747), (260, 11771),

Gene: Zombie_7 Start: 7103, Stop: 8038, Start Num: 34
Candidate Starts for Zombie_7:

(Start: 34 @7103 has 110 MA's), (47, 7160), (48, 7163), (49, 7175), (77, 7274), (86, 7322), (94, 7355), (103, 7406), (124, 7499), (202, 7778), (214, 7817), (260, 8012),

Gene: Zulu_19 Start: 12215, Stop: 13186, Start Num: 7
Candidate Starts for Zulu_19:
(Start: 7 @12215 has 80 MA's), (35, 12275), (56, 12371), (75, 12413), (81, 12443), (84, 12467), (95, 12512), (106, 12563), (110, 12575), (114, 12593), (147, 12698), (196, 12884), (260, 13157),