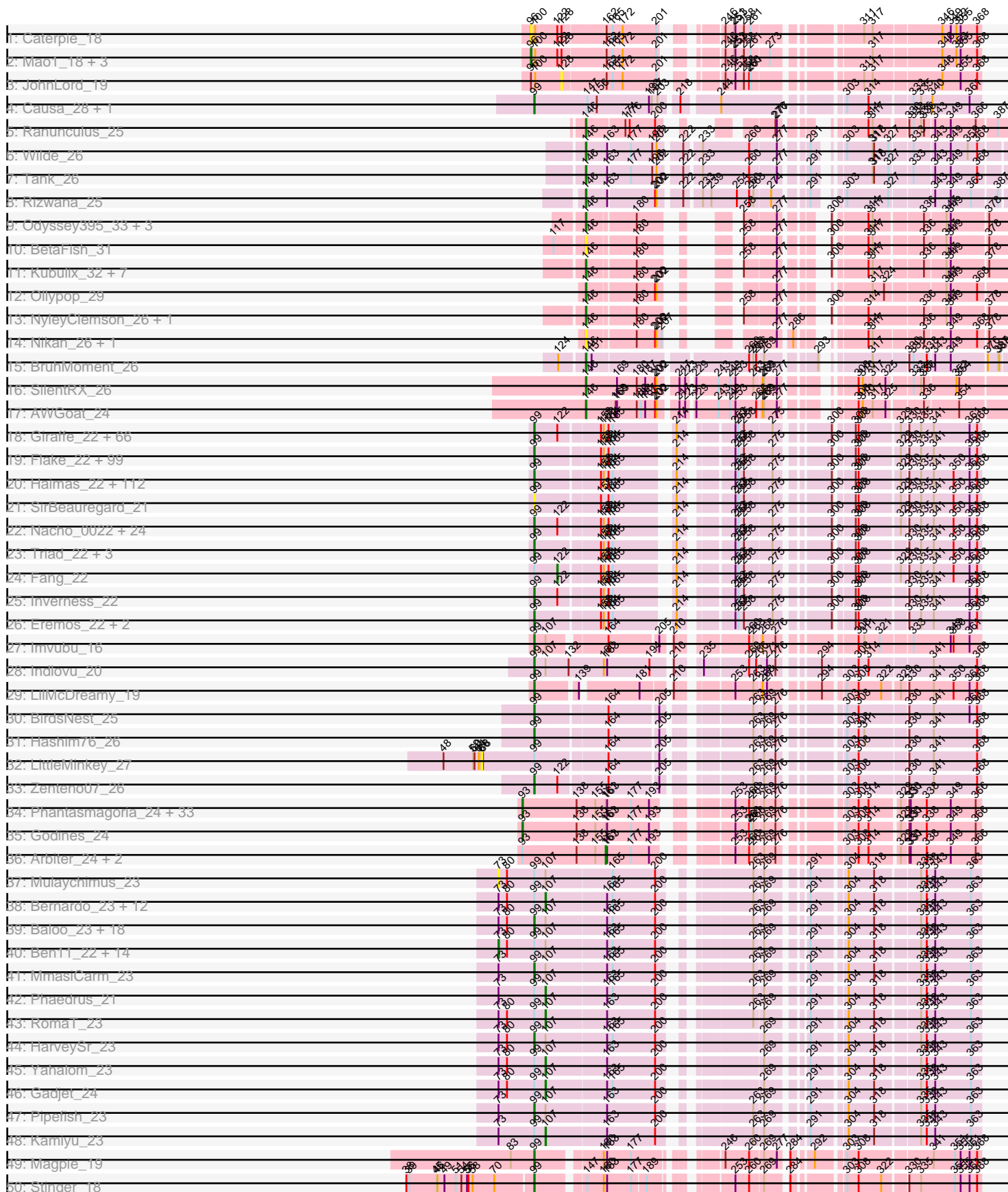
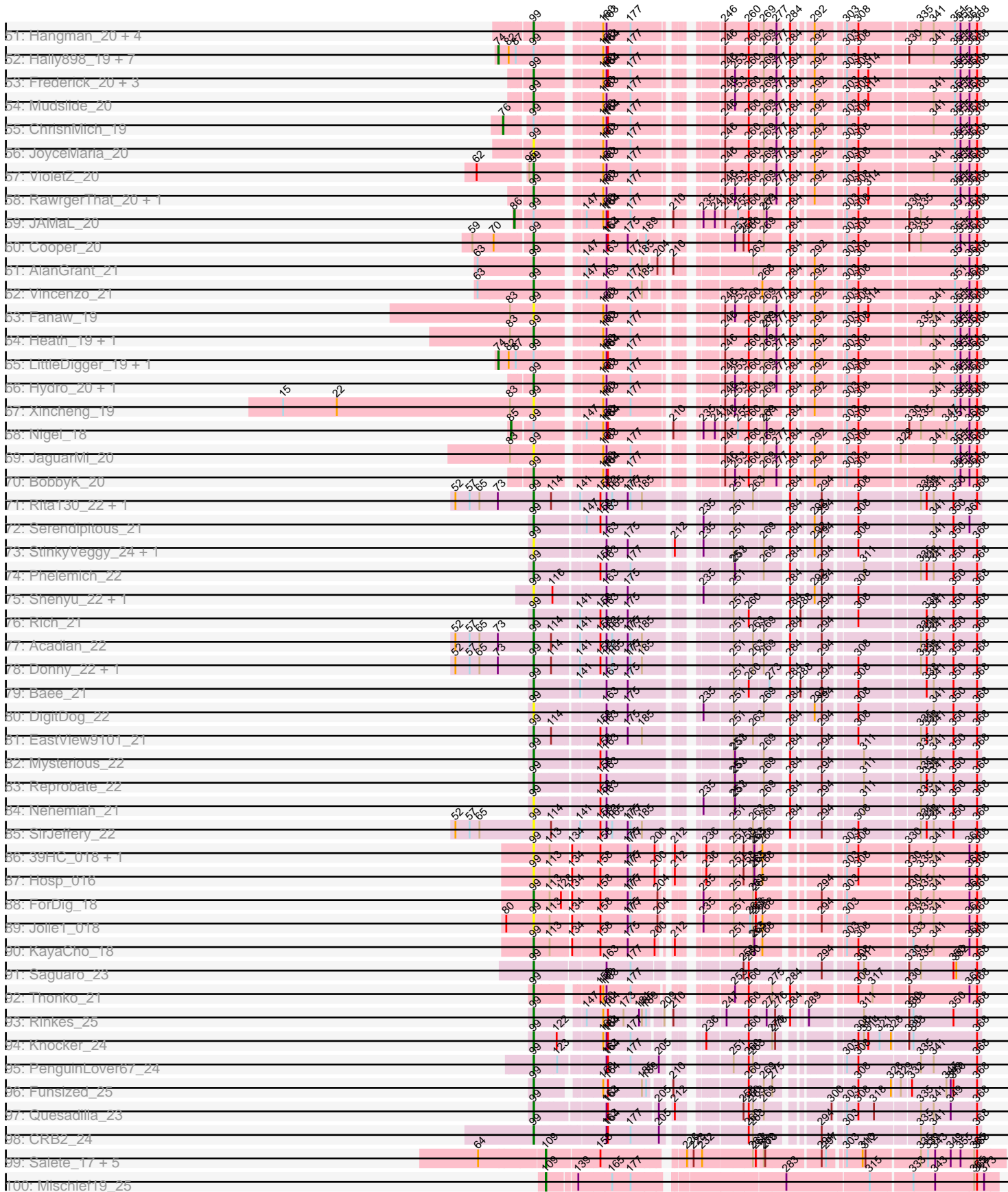


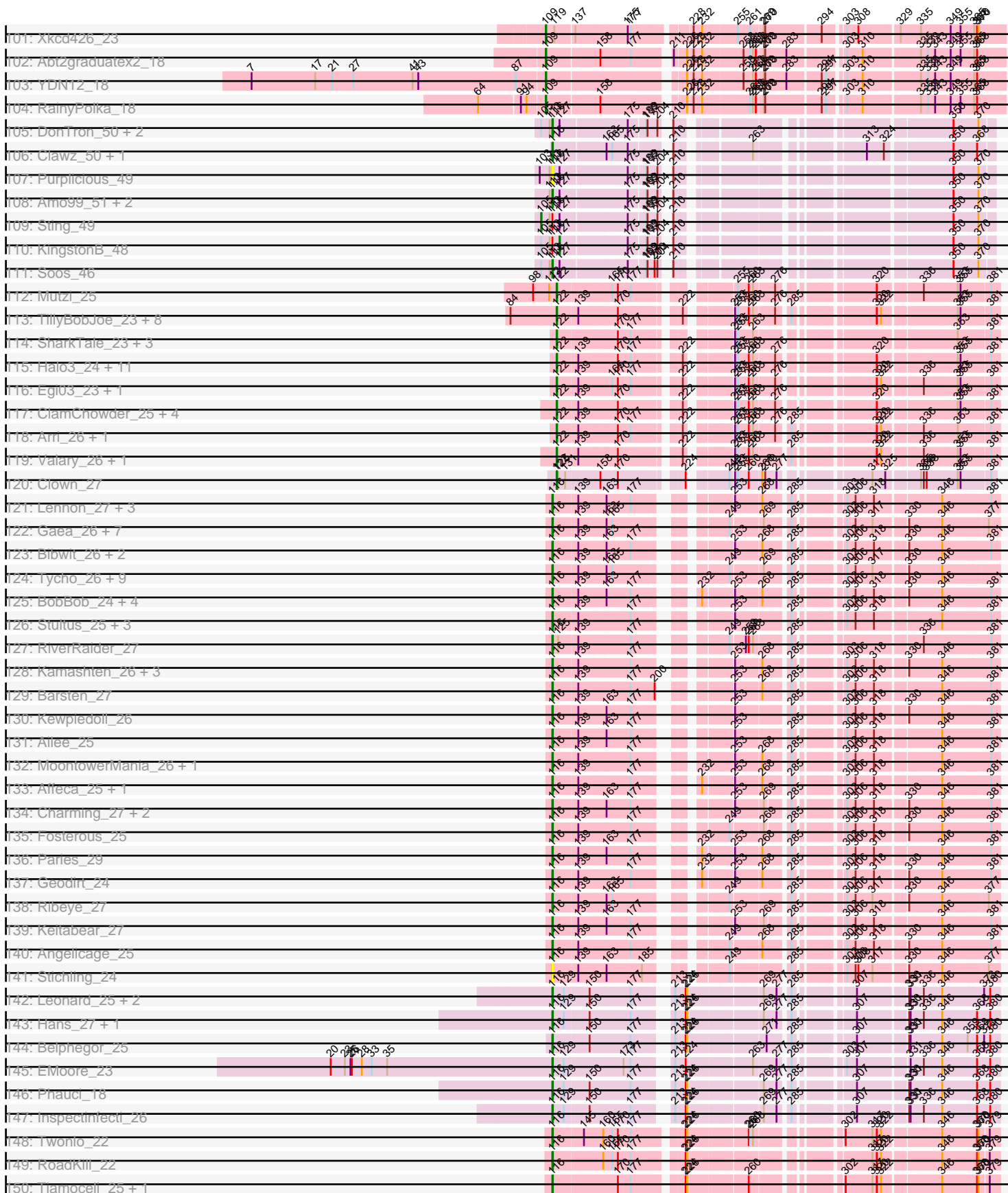
Pham 307789



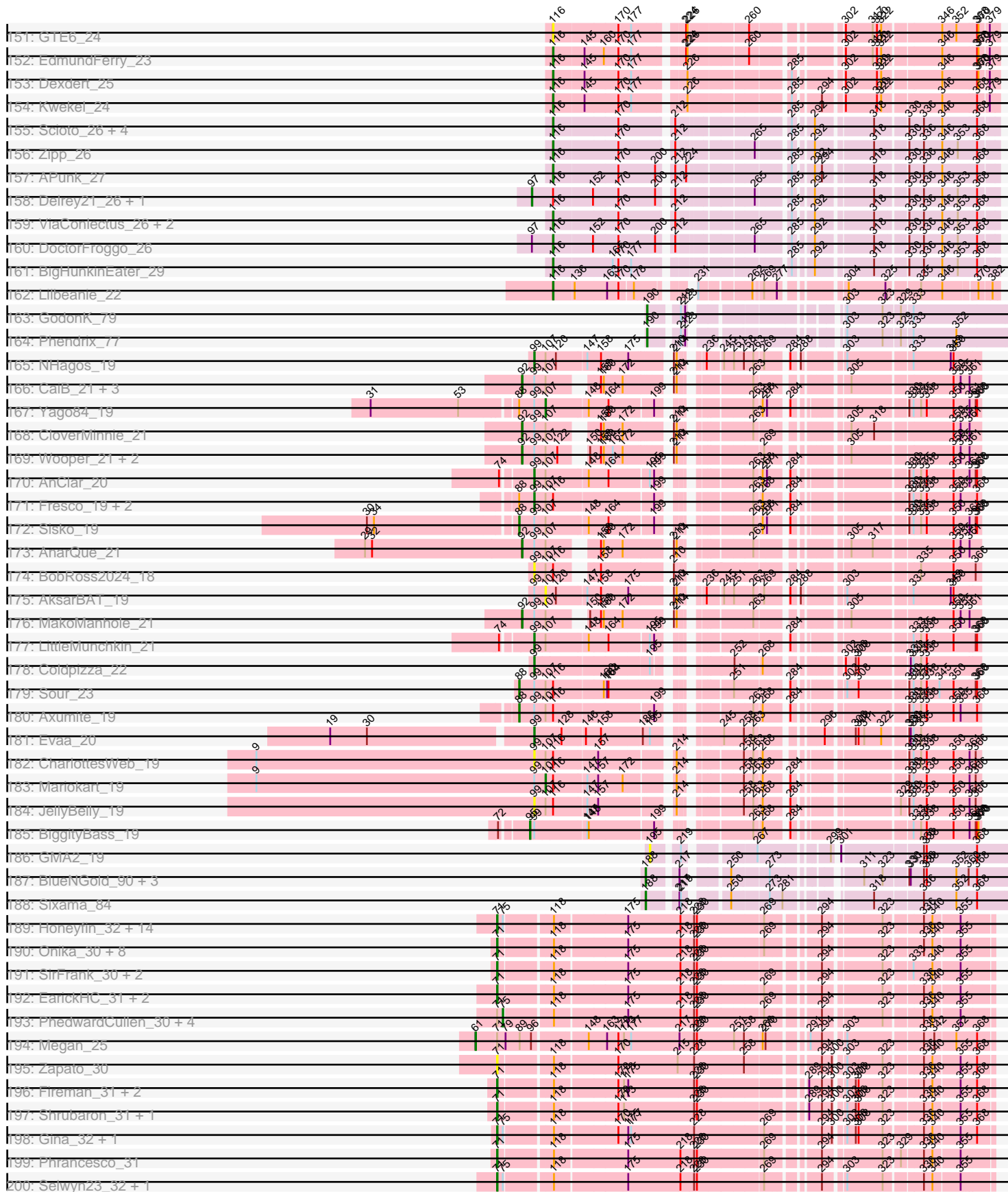
Pham 307789



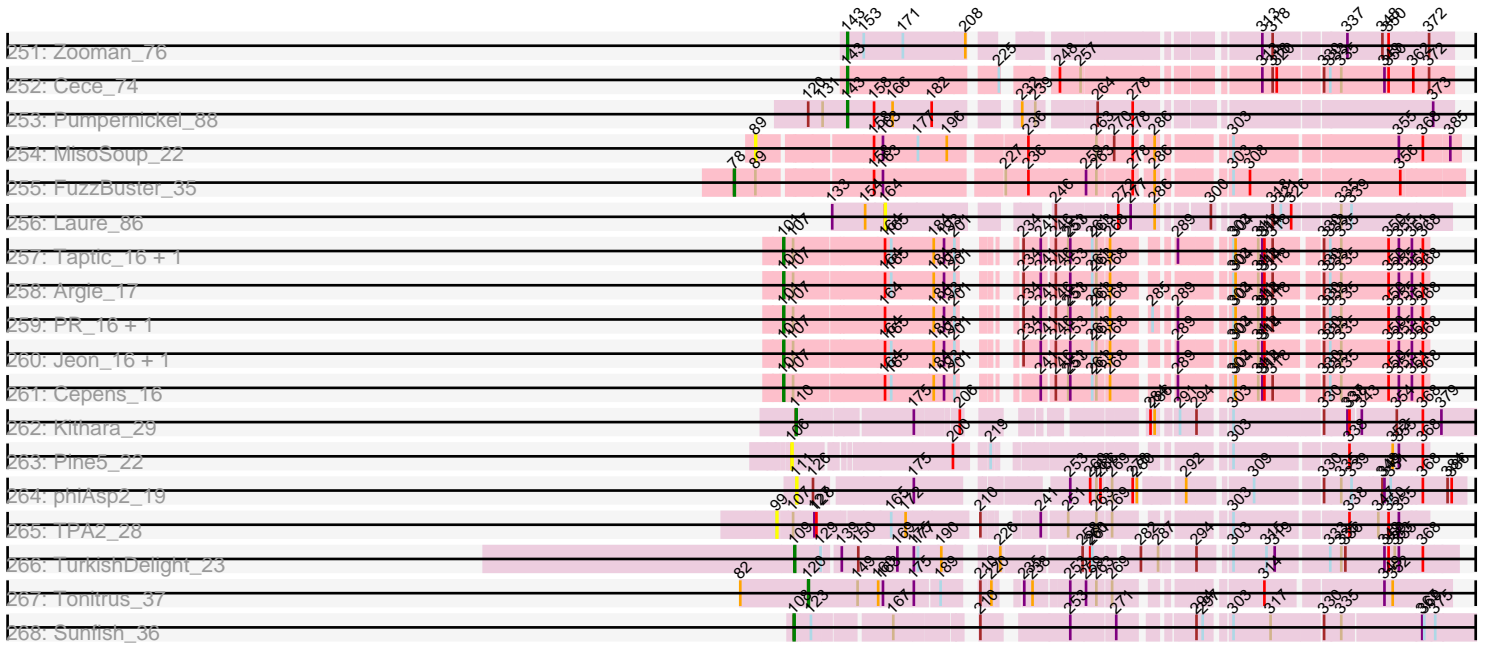
Pham 307789



Pham 307789



Pham 307789



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 307789 Report

This analysis was run 06/27/26 on database version 652.

Pham number 307789 has 883 members, 122 are drafts.

Phages represented in each track:

- Track 1 : Caterpie_18
- Track 2 : Mao1_18, Dori_19, Sejanus_19, Mask_19
- Track 3 : JohnLord_19
- Track 4 : Causa_28, StAugustine_26
- Track 5 : Ranunculus_25
- Track 6 : Wilde_26
- Track 7 : Tank_26
- Track 8 : Rizwana_25
- Track 9 : Odyssey395_33, DogYard_31, Popstraw_29, Pointis_31
- Track 10 : BetaFish_31
- Track 11 : Kubulix_32, RazzB_27, Beagle_32, Hive_31, Pureglobe5_33, Forrestell_28, PhuzzTulsa_29, RIPWilbur_29
- Track 12 : Ollypop_29
- Track 13 : NyleyClemson_26, MellowYellow_28
- Track 14 : Nikan_26, Ren19_24
- Track 15 : BruhMoment_26
- Track 16 : SilentRX_26
- Track 17 : AWGoat_24
- Track 18 : Giraffe_22, Banjo_21, Chunky_22, EmGer13_21, Maru_21, OliverWalter_22, Zelda_22, Mulan_21, Prickles_22, Altwerkus_21, Hetaeria_22, Derpp_21, TyrionL_21, Boehler_22, Cher_21, Gareth_21, Antonia_21, Newman_22, Waterdiva_22, FriarPreacher_22, DonSanchon_21, Manad_21, Simielle_21, RedRaider89_23, Freya_21, TooFast2Furius_23, Mecca_21, Childish_21, HighStump_21, Bishoperium_21, LostAndPhound_21, DirtJuice_22, Orion_22, Emiris_22, Cobra_22, Bluephacebaby_21, PinheadLarry_22, Grand2040_21, Chorkpop_22, Crownjwl_22, Roliet_22, Telesworld_21, QueenBeane_22, Held_22, Chah_23, Horchata_22, Nyala_21, UncleHowie_22, Kahve_21, LeiMonet_22, Vaticameos_22, UAch1_22, Sheila_22, Samaymay_22, Soto_22, Daffy_22, Daka_22, Roscoe_23, CamL_22, BlueHusk_22, RedMaple_21, Tooj_22, Aelin_21, Labeouficaum_21, Tomlarah_22, Phareon_22, Vivaldi_22
- Track 19 : Flake_22, Jiminy_21, Mikota_22, DaddyDaniels_22, Pops_22, Larson_23, OneBrain_22, DoIOn_23, DuchessDung_20, Potter_21, Rimu_22, Aleia_22, KingVeVeVe_22, Caspiroi_21, Olive_22, Usavi_22, BatteryCK_21, Longacauda_21, EmpTee_22, Maskar_21, AngelCake_22, Cornbread_21, Nova1_21, Zonia_22, Thunderbird_21, Taraxa_22, Hocus_21, Veritas_21, Plata_21, Pipsqueak_22, Coletti_22, Swiphy_22, Doddsville_22, SDcharge11_22, Etaye_22, MichaelPhcott_21, Kailash_22, Schueller_21, JakeO_21, FugateOSU_21, Chute_21,

Pinkman_21, Andre_22, Scoot17C_22, MelsMeow_21, Phleuron_21, Ashraf_21, Virgeve_21, ImtiyazSitla_21, PhrankReynolds_21, Serendipity_22, BoogieWoogie_21, BlacksBerry_21, Durga_22, Hekos_19, Spartan300_22, Dingo_22, Gwennie1_22, HogWash_21, ElvisPhasley_22, Karn_21, PhenghisKhan_21, ProfessorX_22, Phergie_21, Harvey_22, GeneCoco_22, Dati_22, Fozzie_21, MiniBoss_22, Trypo_22, Valjean_22, Mag7_21, Wallhey_21, MrPhizzler_22, Apizium_21, Morgushi_22, Kwksand96_21, FleetyMac_21, Dione_21, Brilliant_22, True_21, Happabalu_22, Mana_21, AltPhacts_22, CharlieGBrown_21, Magic8_22, Hartsy_22, Struggle_21, Oline_21, Weher20_22, JDog_21, GreenChile_22, Gwilliam_22, PhatLouie_22, Melc17_22, Khan1_22, Jiraiya_21, Vortex_22, PG1_22, Duggie_21

- Track 20 : Haimas_22, Iridoclysis_22, Adriana_22, FremontTroll_22, Kimbrough_22, DelRivs_21, Lumine_21, Oosterbaan_22, Burr_21, Inchworm_22, SilverBell_22, Murdoc_22, Eugenia_22, FluffyNinja_22, Pherdinand_22, LuckyMarjie_21, Thora_22, OSmaximus_22, Frankicide_22, Buckeye_22, Plmatters_22, Haleema_21, Kwadwo_21, Nicole21_22, Squid_22, Orwigg_21, Olak_21, Cornobble_21, ABU_22, Numberten_22, Hamish_22, BlackStallion_22, Windsor_21, Keitherie_22, Schadenfreude_21, MitKao_22, Swish_22, Mutante_21, Roy17_22, Sigman_22, Lulwa_22, Megatron_22, Skippy_22, LeeLot_22, PhrodoBaggins_21, Beaglebox_21, Sophia_21, Jillium_21, Solosis_21, Virapocalypse_22, Dice_21, Kikipoo_22, Charles1_22, SassyCat97_21, Hertubise_22, Omniscient_22, Soile_22, Badfish_22, JangoPhett_22, Iridessa_22, Matalotodo_22, DoesntMatter_22, AbsoluteMadLad_21, Quisquiliae_22, YouGoGlencoco_22, Cosmolli16_21, Lulumae_21, Legolas_21, Cannibal_22, Gophee_22, TallGrassMM_22, PallasAthena_22, IsaacEli_22, LasagnaCat_22, JacAttac_22, MRabcd_21, Puhltonio_22, Riggan_22, Lasso_22, Katniss_22, Squiggle_22, TomBombadil_22, Fringe_22, Phipps_22, Craff_22, Kloppinator_22, PhatCats2014_22, Zaider_23, Morty_22, Phunky_22, Timmi_21, HenryJackson_21, Phamished_22, Chuni_21, SallyH_22, ShadowBud_22, Orfeu_21, Podrick_22, Vista_22, Mesmerelda_21, Aonishiki_22, Nathan_22, Scrick_22, Suffolk_22, CampRoach_22, Surely_22, Pacifista_21, Chaelin_21, Anderson_22, Placalicious_21, Slatt_22, Yoshand_22, Mcshane_21

- Track 21 : SirBeauregard_21

- Track 22 : Nacho_0022, Serpentine_0022, Selr12_22, Gyarad_0022, Basato_23, KLucky39_22, Megamind20_22, NiaNia_23, ThreeOh3D2_22, Toni_21, CheetO_22, KlimbOn_22, Xavier_21, Mosaic_21, Jesabah_22, Ricotta_21, Lego3393_22, LemonSlice_22, Chipette_23, HSavage_22, Piglet_0021, ShiVal_22, Riverton_22, Colbert_22, Mesh1_22

- Track 23 : Triad_22, Lopsy_21, Robyn_21, Lehmann_22

- Track 24 : Fang_22

- Track 25 : Inverness_22

- Track 26 : Eremos_22, Carthage_20, Vaishali24_21

- Track 27 : Imvubu_16

- Track 28 : Indlovu_20

- Track 29 : LilMcDreamy_19

- Track 30 : BirdsNest_25

- Track 31 : Hashim76_26

- Track 32 : LittleMinkey_27

- Track 33 : Zenteno07_26

- Track 34 : Phantasmagoria_24, Vic9_00024, Allegro_24, Laurie_24, Sabella_24, LizLemon_24, Kheth_24, Faze9_24, Kaleb_24, West99_24, TA17A_25, MasterPo_24, Calamitous_24, Kolhan_24, Rhinoforte_24, Brownie5_24, Opia_24, FrenchFry_24, LilSmirk_24, Tinciduntolum_25, Coffee_24, Tres_24, Lars_24, Bananafish_24, Eaglehorse_24, Boyle_24, Holeinone_24, Hedgerow_24,

PrinceCharming_24, Glass_24, Blocker23_24, Ares_24, Lephleur_24, ItsyBitsy1_24

- Track 35 : Godines_24
- Track 36 : Arbiter_24, Rosebush_24, Qyrzula_22
- Track 37 : Mulaychimus_23
- Track 38 : Bernardo_23, Mortcellus_22, Phlyer_23, Chandler_23, Neos5_23, Audrey_23, Athena_24, Corofin_23, Daisy_23, Heathcliff_23, Akoma_23, Obutu_23, Morty007_23
- Track 39 : Baloo_23, Briakila_23, OrangeOswald_23, SwainyDoc_23, TinyTerror_23, Chalmers_23, RagingRooster_23, ChaChing_23, Yinz_23, Phayeta_23, Devonte_23, Halfpint_22, Abinghost_23, Deenasa_23, Nozo_23, SynergyX_23, Kronus_22, Casbah_22, Philly_22
- Track 40 : Ben11_22, Olivio_22, LestyG_23, Jackstina_21, Marlia_23, GlenHope_24, Chentzyk_22, Glubnar_24, Tydolla_23, SlippinJimmy_23, Marley1013_23, Gervas_23, Shenandoah_23, Rita1961_23, Compostia_24
- Track 41 : MmasiCarm_23
- Track 42 : Phaedrus_21
- Track 43 : RomaT_23
- Track 44 : HarveySr_23
- Track 45 : Yahalom_23
- Track 46 : Gadget_24
- Track 47 : Pipefish_23
- Track 48 : Kamiyu_23
- Track 49 : Magpie_19
- Track 50 : Stinger_18
- Track 51 : Hangman_20, BrownCNA_21, Mithril_20, Waleliano_20, Zemanar_21
- Track 52 : Hally898_19, Nanao_19, Lambano_19, Epah_19, Poster_19, GinPorsche_19, Antihero_19, Ahwei_19
- Track 53 : Frederick_20, Austelle_21, Prince_20, Apex_20
- Track 54 : Mudslide_20
- Track 55 : ChrisnMich_19
- Track 56 : JoyceMaria_20
- Track 57 : VioletZ_20
- Track 58 : RawrgerThat_20, Fortunato_20
- Track 59 : JAMaL_20
- Track 60 : Cooper_20
- Track 61 : AlanGrant_21
- Track 62 : Vincenzo_21
- Track 63 : Fanaw_19
- Track 64 : Heath_19, QueenPie_19
- Track 65 : LittleDigger_19, Renkei_19
- Track 66 : Hydro_20, Lolalove_20
- Track 67 : Xincheng_19
- Track 68 : Nigel_18
- Track 69 : JaguarMi_20
- Track 70 : BobbyK_20
- Track 71 : Rita130_22, Reccee_22
- Track 72 : Serendipitous_21
- Track 73 : StinkyVeggy_24, KarasumaRum_24
- Track 74 : Phelemich_22
- Track 75 : Shenyu_22, Nangang_22
- Track 76 : Rich_21
- Track 77 : Acadian_22
- Track 78 : Donny_22, Suigeneris_22

- Track 79 : Bae_21
- Track 80 : DigitDog_22
- Track 81 : EastView9101_21
- Track 82 : Mysterious_22
- Track 83 : Reprobate_22
- Track 84 : Nehemiah_21
- Track 85 : SirJeffery_22
- Track 86 : 39HC_018, 40BC_018
- Track 87 : Hosp_016
- Track 88 : ForDig_18
- Track 89 : Jolie1_018
- Track 90 : KayaCho_18
- Track 91 : Saguaro_23
- Track 92 : Thonko_21
- Track 93 : Rinkes_25
- Track 94 : Knocker_24
- Track 95 : PenguinLover67_24
- Track 96 : Funsized_25
- Track 97 : Quesadilla_23
- Track 98 : CRB2_24
- Track 99 : Salet_17, Asis_17, TP1604_17, BayC_17, BabyGotBac_17, Maih_17
- Track 100 : Mischief19_25
- Track 101 : Xkcd426_23
- Track 102 : Abt2graduatex2_18
- Track 103 : YDN12_18
- Track 104 : RainyPolka_18
- Track 105 : DonTron_50, Grumio_50, Stillion_50
- Track 106 : Clawz_50, Makar_51
- Track 107 : Purplicious_49
- Track 108 : Amo99_51, ColdSoup_51, Jollymon_50
- Track 109 : Sting_49
- Track 110 : KingstonB_48
- Track 111 : Soos_46
- Track 112 : Mutzi_25
- Track 113 : TillyBobJoe_23, Gezellig_23, JohnPork_23, Fireball_24, Phlop_23, Portcullis_23, Wizard_23, PullumCavea_23, Shinji_23
- Track 114 : SharkTale_23, Bakery_24, Sixsevenium_24, YungMoney_25
- Track 115 : Halo3_24, Salvador_23, Twister6_25, Togo_23, Danyall_25, Evamon_23, Jambalaya_23, Savbucketdawg_23, VanDeWege_26, CoveyB_25, Nubi_23, SmokingBunny_23
- Track 116 : Egi03_23, Sendy_24
- Track 117 : ClamChowder_25, PinkCoffee_25, KimmyK_25, Fugax_25, Barb_25
- Track 118 : Arri_26, RogerDodger_26
- Track 119 : Valary_26, CherryCola_26
- Track 120 : Clown_27
- Track 121 : Lennon_27, ChadMasterC_27, McCrothy_27, Sitar_27
- Track 122 : Gaea_26, JKSyngboy_24, Flatwoods_27, Derg_22, Bizzy_27, Kroos_27, YorkOnyx_27, Baddon_26
- Track 123 : Bibwit_26, Love_30, Sedona_27
- Track 124 : Tycho_26, Ashertheman_27, Baumdotcom_26, Gustavo_26, LilHam_24, Kwobi_28, Tangerine_26, SchottB_25, StorminNorm_26, Saronaya_26
- Track 125 : BobBob_24, Galadriel_27, Nordenberg_21, McKinley_29, Rofo_27
- Track 126 : Stultus_25, Sanjuju_25, Jabberwocky_25, Brawn1_23

- Track 127 : RiverRaider_27
- Track 128 : Kamashten_26, Shivanishola_28, Brandonk123_28, Thing3_26
- Track 129 : Barsten_27
- Track 130 : Kewpiedoll_26
- Track 131 : Ailee_25
- Track 132 : MoontowerMania_26, Fitzgerald_25
- Track 133 : Affeca_25, FuegoCuervo_29
- Track 134 : Charming_27, Vivi2_29, Tangent_27
- Track 135 : Fosterous_25
- Track 136 : Paries_29
- Track 137 : Geodirt_24
- Track 138 : Ribeye_27
- Track 139 : Keitabear_27
- Track 140 : Angelicage_25
- Track 141 : Stichling_24
- Track 142 : Leonard_25, Phinally_25, Ali17_23
- Track 143 : Hans_27, MelBins_26
- Track 144 : Belphegor_25
- Track 145 : EMOore_23
- Track 146 : Phauci_18
- Track 147 : Inspectinfecti_26
- Track 148 : Twonlo_22
- Track 149 : RoadKill_22
- Track 150 : Tiamoceli_25, Chickadee_24
- Track 151 : GTE6_24
- Track 152 : EdmundFerry_23
- Track 153 : Dexdert_25
- Track 154 : Kwekel_24
- Track 155 : Scioto_26, Sampson_26, Abblin_26, Natkenzie_26, Tardus_27
- Track 156 : Zipp_26
- Track 157 : APunk_27
- Track 158 : Delrey21_26, Verity_26
- Track 159 : ViaConlectus_26, Pumpkiney_27, Zitch_27
- Track 160 : DoctorFroggo_26
- Track 161 : BigHunkinEater_29
- Track 162 : Lilbeanie_22
- Track 163 : GodonK_79
- Track 164 : Phendrix_77
- Track 165 : NHagos_19
- Track 166 : CaiB_21, Blackpen_21, MossRose_21, FelixTres_21
- Track 167 : Yago84_19
- Track 168 : CloverMinnie_21
- Track 169 : Wooper_21, TraderJ_21, Yeshua_21
- Track 170 : AnClar_20
- Track 171 : Fresco_19, Shatter_19, Ligma_19
- Track 172 : Sisko_19
- Track 173 : AnarQue_21
- Track 174 : BobRoss2024_18
- Track 175 : AksarBAT_19
- Track 176 : MakoManhole_21
- Track 177 : LittleMunchkin_21
- Track 178 : Coldpizza_22
- Track 179 : Sour_23

- Track 180 : Axumite_19
- Track 181 : Evaa_20
- Track 182 : CharlottesWeb_19
- Track 183 : Mariokart_19
- Track 184 : JellyBelly_19
- Track 185 : BiggityBass_19
- Track 186 : GMA2_19
- Track 187 : BlueNGold_90, Mareelih_89, Forza_91, Boopy_91
- Track 188 : Sixama_84
- Track 189 : Honeyfin_32, Jollipop_31, Busephilis_30, Pulchra_32, Lucretia_31, PiperSansNom_31, Rockwell_30, Jefe_31, Savannah_30, CrazyRich_30, LittleFortune_32, Quhwah_34, Yeti_31, Paschalis_30, Ganandorf_30
- Track 190 : Onika_30, Scumberland_32, Phorgeous_30, Antares_31, BeagleBug_30, Cranjis_32, Shotgun_30, Hermeonysus_30, BrazzalePHS_30
- Track 191 : SirFrank_30, NoodlelyBoi_31, ClearAsMud_33
- Track 192 : EarickHC_31, KaiHaiDragon_31, Piperis_31
- Track 193 : PhedwardCullen_30, Ramiel05_30, Germa_32, PierreOrion_31, Kowalski_30
- Track 194 : Megan_25
- Track 195 : Zapato_30
- Track 196 : Fireman_31, Metamorphoo_31, Tyrumbra_29
- Track 197 : Shrubaron_31, RobsFeet_32
- Track 198 : Gina_32, Teamocil_32
- Track 199 : Phrancesco_31
- Track 200 : Selwyn23_32, Glorp_32
- Track 201 : Sunny_
- Track 202 : Nicole72_26
- Track 203 : Smarties_39, Ariadne_39
- Track 204 : Crisis_32
- Track 205 : Jayden_32
- Track 206 : Skugga_29
- Track 207 : Merry_
- Track 208 : Quammi_29, Mashley_29, Sillytadpoles_31, FrankDeliGuy_28, AluminumJesus_29, Mentos_36, Zagie_31, Viceroy_30, Kyva_33, Rudy_29, Grassboy_32, Namago_31, Tissue_31, Judebell_33, StrawberryJamm_33
- Track 209 : Gazebo_30
- Track 210 : MorillMayhem_31, SallyK_32, BabyDotz_30, BaconCheese_34, EverythinBagel_30
- Track 211 : Fransoyer_33, SadLad_35
- Track 212 : Llemily_30, Jehoshaphat_33, Hyperion_30, Teehee_32, Lonelysoil_30, Zhafia_33, Wheelie_30, DonaldDuck_30, Phabia_31, Casend_32, Mila11_34, Wayne3_32
- Track 213 : Nike_31, SlySloth_33, Statler_32
- Track 214 : CandC_29, Kelcole_29, Tempo_30, KillerQueen_31
- Track 215 : Blab_29
- Track 216 : Pepe25_29, Wilca_30, BirdInFrench_30
- Track 217 : OneinaGillian_30
- Track 218 : WheelerS25_36
- Track 219 : Fizzles_31
- Track 220 : RobinRose_32, Fregley_31, Romm_32
- Track 221 : RubyRalph_33
- Track 222 : Marcie_35
- Track 223 : Phinky_37

- Track 224 : Rowlf_27
- Track 225 : Squash_33
- Track 226 : Altheas_33
- Track 227 : Margaery_26
- Track 228 : Cressida_28
- Track 229 : Kozie_27
- Track 230 : MementoMori_27
- Track 231 : Cinna_26
- Track 232 : Matzah_27
- Track 233 : Terij_27
- Track 234 : KSunshine22_79, DunneganBoMo_74, Ellewin_73, Emmetator_77, Artu_77, BooTeria_81, WaddleDee_72
- Track 235 : Phrampa_76
- Track 236 : Rockabye_86, Chilliams_81
- Track 237 : GoldenEssence_70, Racecar_85, FloraSnap32_84, Bloom_88, Mimi_84, Patbob_83, FrostedClock_87
- Track 238 : Talia1610_84
- Track 239 : SJReid_87
- Track 240 : Atuin_79, LeoJr_84
- Track 241 : ReginaGlobina_84
- Track 242 : Panchaali_77
- Track 243 : Stewart25555_75
- Track 244 : RomansRevenge_22, Boise_22
- Track 245 : Dewdrop_68, Leaf_68
- Track 246 : Rasputia_62
- Track 247 : Hendrix_63
- Track 248 : A3Wally_91, Dodo_93, PauloDiaboli_91
- Track 249 : Erasmago_82
- Track 250 : Big4_80
- Track 251 : Zooman_76
- Track 252 : Cece_74
- Track 253 : Pumpernickel_88
- Track 254 : MisoSoup_22
- Track 255 : FuzzBuster_35
- Track 256 : Laure_86
- Track 257 : Taptic_16, Megabear_16
- Track 258 : Argie_17
- Track 259 : PR_16, D12_16
- Track 260 : Jeon_16, GodPhather_17
- Track 261 : Cepens_16
- Track 262 : Kithara_29
- Track 263 : Pine5_22
- Track 264 : phiAsp2_19
- Track 265 : TPA2_28
- Track 266 : TurkishDelight_23
- Track 267 : Tonitrus_37
- Track 268 : Sunfish_36

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

The start number called the most often in the published annotations is 99, it was called in 367 of the 761 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• 39HC_018, 40BC_018, ABU_22, Abinghost_23, AbsoluteMadLad_21, Acadian_22, Adriana_22, Aelin_21, AlanGrant_21, Aleia_22, AltPhacts_22, Altwerkus_21, AnClar_20, Anderson_22, Andre_22, AngelCake_22, Antonia_21, Aonishiki_22, Apex_20, Apizium_21, Ashraf_21, Austelle_21, Badfish_22, Bae_21, Baloo_23, Banjo_21, Basato_23, BatteryCK_21, Beaglebox_21, BirdsNest_25, Bishoperium_21, BlackStallion_22, BlacksBerry_21, BlueHusk_22, Bluephacebaby_21, BobRoss2024_18, BobbyK_20, Boehler_22, BoogieWoogie_21, Briakila_23, Brilliant_22, BrownCNA_21, Buckeye_22, Burr_21, CRB2_24, CamL_22, CampRoach_22, Cannibal_22, Carthage_20, Casbah_22, Caspiboi_21, Causa_28, ChaChing_23, Chaelin_21, Chah_23, Chalmers_23, Charles1_22, CharlieGBrown_21, CharlottesWeb_19, CheetO_22, Cher_21, Childish_21, Chipette_23, Chorkpop_22, Chuni_21, Chunky_22, Chute_21, Cobra_22, Colbert_22, Coldpizza_22, Coletti_22, Cooper_20, Cornbread_21, Cornobble_21, Cosmolli16_21, Craff_22, Crownjwl_22, DaddyDaniels_22, Daffy_22, Daka_22, Dati_22, Deenasa_23, DelRivs_21, Derpp_21, Devonte_23, Dice_21, DigitDog_22, Dingo_22, Dione_21, DirtJuice_22, Doddsville_22, DoesntMatter_22, DoOn_23, DonSancho_21, Donny_22, DuchessDung_20, Duggie_21, Durga_22, EastView9101_21, ElvisPhasley_22, EmGer13_21, Emiris_22, EmpTee_22, Eremos_22, Etaye_22, Eugenia_22, Evaa_20, Fanaw_19, Flake_22, FleetyMac_21, FluffyNinja_22, ForDig_18, Fortunato_20, Fozzie_21, Frankicide_22, Frederick_20, FremontTroll_22, Fresco_19, Freya_21, FriarPreacher_22, Fringe_22, FugateOSU_21, Funsized_25, Gareth_21, GeneCoco_22, Giraffe_22, Gophee_22, Grand2040_21, GreenChile_22, Gwennie1_22, Gwilliam_22, Gyarad_0022, HSavage_22, Haimas_22, Haleema_21, Halfpint_22, Hamish_22, Hangman_20, Happabalu_22, Hartsy_22, HarveySr_23, Harvey_22, Hashim76_26, Heath_19, Hekos_19, Held_22, HenryJackson_21, Hertubise_22, Hetaeria_22, HighStump_21, Hocus_21, HogWash_21, Horchata_22, Hosp_016, Hydro_20, ImtiyazSitla_21, Imvubu_16, Inchworm_22, Indlovu_20, Inverness_22, Iridessa_22, Iridoclysis_22, IsaacEli_22, JDog_21, JacAttac_22, JaguarMi_20, JakeO_21, JangoPhett_22, JellyBelly_19, Jesabah_22, Jillium_21, Jiminy_21, Jiraiya_21, Jolie1_018, JoyceMaria_20, KLucky39_22, Kahve_21, Kailash_22, KarasumaRum_24, Karn_21, Katniss_22, KayaCho_18, Keitherie_22, Khan1_22, Kikipoo_22, Kimbrough_22, KingVeVeVe_22, KlimbOn_22, Kloppinator_22, Knocker_24, Kronus_22, Kwadwo_21, Kwksand96_21, Labeouficaum_21, Larson_23, LasagnaCat_22, Lasso_22, LeeLot_22, Lego3393_22, Legolas_21, Lehmann_22, LeiMonet_22, LemonSlice_22, Ligma_19, LilMcDreamy_19, LittleMunchkin_21, Lolalove_20, Longacauda_21, Lopsy_21, LostAndPhound_21, LuckyMarjie_21, Lulumae_21, Lulwa_22, Lumine_21, MRabcd_21, Mag7_21, Magic8_22, Magpie_19, Mana_21, Manad_21, Maru_21, Maskar_21, Matalotodo_22, Mcshane_21, Mecca_21, Megamind20_22, Megatron_22, Melc17_22, MelsMeow_21, Mesh1_22, Mesmerelda_21, MichaelPhcott_21, Mikota_22, MiniBoss_22, MitKao_22, Mithril_20, MmasiCarm_23, Morgushi_22, Morty_22, Mosaic_21, MrPhizzler_22, Mudslide_20, Mulan_21, Murdoc_22, Mutante_21, Mysterious_22, NHagos_19, Nacho_0022, Nangang_22, Nathan_22, Nehemiah_21, Newman_22, NiaNia_23, Nicole21_22, Nova1_21, Nozo_23, Numberten_22, Nyala_21, OSmaximus_22, Olak_21, Oline_21, Olive_22, OliverWalter_22, Omniscient_22, OneBrain_22, Oosterbaan_22, OrangeOswald_23, Orfeu_21, Orion_22, Orwigg_21, PG1_22, Pacifista_21, PallasAthena_22, PenguinLover67_24, Phamished_22, Phareon_22, PhatCats2014_22, PhatLouie_22, Phayeta_23, Phelemich_22, PhenghisKhan_21,

Pherdinand_22, Phergie_21, Philly_22, Phipps_22, Phleuron_21, PhrankReynolds_21, PhrodoBaggins_21, Phunky_22, Piglet_0021, PinheadLarry_22, Pinkman_21, Pipefish_23, Pipsqueak_22, Placalicious_21, Plata_21, Plmatters_22, Podrick_22, Pops_22, Potter_21, Prickles_22, Prince_20, ProfessorX_22, Puhltonio_22, QueenBeane_22, QueenPie_19, Quesadilla_23, Quisquilliae_22, RagingRooster_23, RawrgerThat_20, Reccee_22, RedMaple_21, RedRaider89_23, Reprobate_22, Rich_21, Ricotta_21, Riggan_22, Rimu_22, Rinkes_25, Rita130_22, Riverton_22, Robyn_21, Roliet_22, Roscoe_23, Roy17_22, SDcharge11_22, Saguaro_23, SallyH_22, Samaymay_22, SassyCat97_21, Schadenfreude_21, Schueller_21, Scoot17C_22, Scrick_22, Selr12_22, Serendipitous_21, Serendipity_22, Serpentine_0022, ShadowBud_22, Shatter_19, Sheila_22, Shenyu_22, ShiVal_22, Sigman_22, SilverBell_22, Simielle_21, SirBeauregard_21, SirJeffery_22, Skippy_22, Slatt_22, Soile_22, Solosis_21, Sophia_21, Soto_22, Spartan300_22, Squid_22, Squiggle_22, StAugustine_26, Stinger_18, StinkyVeggy_24, Struggle_21, Suffolk_22, Suigeneris_22, Surely_22, SwainyDoc_23, Swiphy_22, Swish_22, SynergyX_23, TPA2_28, TallGrassMM_22, Taraxa_22, Telesworld_21, Thonko_21, Thora_22, ThreeOh3D2_22, Thunderbird_21, Timmi_21, TinyTerror_23, TomBombadil_22, Tomlarah_22, Toni_21, TooFast2Furius_23, Tooj_22, Triad_22, True_21, Trypo_22, TyrionL_21, UAch1_22, UncleHowie_22, Usavi_22, Vaishali24_21, Valjean_22, Vaticameos_22, Veritas_21, Vincenzo_21, VioletZ_20, Virapocalypse_22, Virgeve_21, Vista_22, Vivaldi_22, Vortex_22, Waleliano_20, Wallhey_21, Waterdiva_22, Weher20_22, Windsor_21, Xavier_21, Xincheng_19, Yinz_23, Yoshand_22, YouGoGlencoco_22, Zaider_23, Zelda_22, Zemanar_21, Zenteno07_26, Zonia_22,

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

- Ahwei_19, Akoma_23, AksarBAT_19, AnarQue_21, Antihero_19, Athena_24, Audrey_23, Axumite_19, Ben11_22, Bernardo_23, BiggityBass_19, Blackpen_21, CaiB_21, Chandler_23, Chentzyk_22, ChrisnMich_19, CloverMinnie_21, Compostia_24, Corofin_23, Daisy_23, Epah_19, Fang_22, FelixTres_21, Gadget_24, Gervas_23, GinPorsche_19, GlenHope_24, Glubnar_24, Hally898_19, Heathcliff_23, JAMaL_20, Jackstina_21, Kamiyu_23, Lambano_19, LestyG_23, LittleDigger_19, LittleMinkey_27, MakoManhole_21, Mariokart_19, Marley1013_23, Marlia_23, Mortcellus_22, Morty007_23, MossRose_21, Mulaychimus_23, Nanao_19, Neos5_23, Nigel_18, Obutu_23, Olivio_22, Phaedrux_21, Phlyer_23, Poster_19, Renkei_19, Rita1961_23, RomaT_23, Shenandoah_23, Sisko_19, SlippinJimmy_23, Sour_23, TraderJ_21, Tydolla_23, Wooper_21, Yago84_19, Yahalom_23, Yeshua_21,

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

- A3Wally_91, APunk_27, AWGoat_24, Abblin_26, Abt2graduatex2_18, Affeca_25, Ailee_25, Ali17_23, Allegro_24, Altheas_33, AluminumJesus_29, Amo99_51, Angelicage_25, Antares_31, Arbiter_24, Ares_24, Argie_17, Ariadne_39, Arri_26, Artu_77, Ashertheman_27, Asis_17, Atuin_79, BabyDotz_30, BabyGotBac_17, BaconCheese_34, Baddon_26, Bakery_24, Bananafish_24, Barb_25, Barsten_27, Baumdotcom_26, BayC_17, BeagleBug_30, Beagle_32, Belphegor_25, BetaFish_31, Bibwit_26, Big4_80, BigHunkinEater_29, BirdInFrench_30, Bizzy_27, Blab_29, Blocker23_24, Bloom_88, BlueNGold_90, BobBob_24, Boise_22, BooTeria_81, Boopy_91, Boyle_24, Brandonk123_28, Brawn1_23, BrazzalePHS_30, Brownie5_24, BruhMoment_26, Busephilis_30, Calamitous_24, CandC_29, Casend_32, Caterpie_18, Cece_74, Cepens_16, ChadMasterC_27, Charming_27, CherryCola_26, Chickadee_24, Chilliams_81, Cinna_26, ClamChowder_25, Clawz_50, ClearAsMud_33, Clown_27, Coffee_24, ColdSoup_51, CoveyB_25,

Cranjis_32, CrazyRich_30, Cressida_28, Crisis_32, D12_16, Danyall_25, Delrey21_26, Derg_22, Dewdrop_68, Dexdert_25, DoctorFroggo_26, Dodo_93, DogYard_31, DonTron_50, DonaldDuck_30, Dori_19, DunneganBoMo_74, EMOore_23, Eaglehorse_24, EarickHC_31, EdmundFerry_23, Egi03_23, Ellewin_73, Emmetator_77, Erasmago_82, Evamon_23, EverythinBagel_30, Faze9_24, Fireball_24, Fireman_31, Fitzgerald_25, Fizzles_31, Flatwoods_27, FloraSnap32_84, Forrestell_28, Forza_91, Fosterous_25, FrankDeliGuy_28, Fransoyer_33, Fregley_31, FrenchFry_24, FrostedClock_87, FuegoCuervo_29, Fugax_25, FuzzBuster_35, GMA2_19, GTE6_24, Gaea_26, Galadriel_27, Ganandorf_30, Gazebo_30, Geodirt_24, Germa_32, Gezellig_23, Gina_32, Glass_24, Glorp_32, GodPhather_17, Godines_24, GodonK_79, GoldenEssence_70, Grassboy_32, Grumio_50, Gustavo_26, Halo3_24, Hans_27, Hedgerow_24, Hendrix_63, Hermeonysus_30, Hive_31, Holeinone_24, Honeyfin_32, Hyperion_30, Inspectinfecti_26, ItsyBitsy1_24, JKSyngboy_24, Jabberwocky_25, Jambalaya_23, Jayden_32, Jefe_31, Jehoshaphat_33, Jeon_16, JohnLord_19, JohnPork_23, Jollipop_31, Jollymon_50, Judebell_33, KSunshine22_79, KaiHaiDragon_31, Kaleb_24, Kamashten_26, Keitabear_27, Kelcole_29, Kewpiedoll_26, Kheth_24, KillerQueen_31, KimmyK_25, KingstonB_48, Kithara_29, Kolhan_24, Kowalski_30, Kozie_27, Kroos_27, Kubulix_32, Kwekel_24, Kwobi_28, Kyva_33, Lars_24, Laure_86, Laurie_24, Leaf_68, Lennon_27, LeoJr_84, Leonard_25, Lephleu_24, LilHam_24, LilSmirk_24, Lilbeanie_22, LittleFortune_32, LizLemon_24, Llemily_30, Lonelysoil_30, Love_30, Lucretia_31, Maih_17, Makar_51, Mao1_18, Marcie_35, Mareelih_89, Margaery_26, Mashley_29, Mask_19, MasterPo_24, Matzah_27, McCrothy_27, McKinley_29, Megabear_16, Megan_25, MelBins_26, MellowYellow_28, MementoMori_27, Mentos_36, Merry_, Metamorphoo_31, Mila11_34, Mimi_84, Mischief19_25, MisoSoup_22, MoontowerMania_26, MorillMayhem_31, Mutzi_25, Namago_31, Natkenzie_26, Nicole72_26, Nikan_26, Nike_31, NoodlelyBoi_31, Nordenberg_21, Nubi_23, NyleyClemson_26, Odyssey395_33, Ollypop_29, OneinaGillian_30, Onika_30, Opia_24, PR_16, Panchaali_77, Paries_29, Paschalis_30, Patbob_83, PauloDiaboli_91, Pepe25_29, Phabia_31, Phantasmagoria_24, Phauci_18, PhedwardCullen_30, Phendrix_77, Phinally_25, Phinky_37, Phlop_23, Phorgeous_30, Phrampa_76, Phrancesco_31, PhuzzTulsa_29, PierreOrion_31, Pine5_22, PinkCoffee_25, PiperSansNom_31, Piperis_31, Pointis_31, Popstraw_29, Portcullis_23, PrinceCharming_24, Pulchra_32, PullumCavea_23, Pumpernickel_88, Pumpkiney_27, Pureglobe5_33, Purplicious_49, Quammi_29, Quhwah_34, Qyrzula_22, RIPWilbur_29, Racecar_85, RainyPolka_18, Ramiel05_30, Ranunculus_25, Rasputia_62, RazzB_27, ReginaGlobina_84, Ren19_24, Rhinoforte_24, Ribeye_27, RiverRaider_27, Rizwana_25, RoadKill_22, RobinRose_32, RobsFeet_32, Rockabye_86, Rockwell_30, Rofo_27, RogerDodger_26, RomansRevenge_22, Romm_32, Rosebush_24, Rowlf_27, RubyRalph_33, Rudy_29, SJReid_87, Sabella_24, SadLad_35, Salet_17, SallyK_32, Salvador_23, Sampson_26, Sanjuju_25, Saronaya_26, Savannah_30, Savbucketdawg_23, SchottB_25, Scioto_26, Scumberland_32, Sedona_27, Sejanus_19, Selwyn23_32, Sendy_24, SharkTale_23, Shinji_23, Shivanishola_28, Shotgun_30, Shrubaron_31, SilentRX_26, Sillytadpoles_31, SirFrank_30, Sitar_27, Sixama_84, Sixsevenium_24, Skugga_29, SlySloth_33, Smarties_39, SmokingBunny_23, Soos_46, Squash_33, Statler_32, Stewart25555_75, Stichling_24, Stillion_50, Sting_49, StorminNorm_26, StrawberryJamm_33, Stultus_25, Sunfish_36, Sunny_, TA17A_25, TP1604_17, Talia1610_84, Tangent_27, Tangerine_26, Tank_26, Taptic_16, Tardus_27, Teamocil_32, Teehee_32, Tempo_30, Terij_27, Thing3_26, Tiamoceli_25, TillyBobJoe_23, Tinciduntolum_25, Tissue_31, Togo_23, Tonitrus_37, Tres_24, TurkishDelight_23, Twister6_25, Twonlo_22, Tycho_26, Tyumbra_29, Valary_26, VanDeWege_26, Verity_26,

ViaConlectus_26, Vic9_00024, Viceroy_30, Vivi2_29, WaddleDee_72, Wayne3_32, West99_24, WheelerS25_36, Wheelie_30, Wilca_30, Wilde_26, Wizard_23, Xkcd426_23, YDN12_18, Yeti_31, YorkOnyx_27, YungMoney_25, Zagie_31, Zapato_30, Zhafia_33, Zipp_26, Zitch_27, Zooman_76, phiAsp2_19,

Summary by start number:

Start 61:

- Found in 1 of 883 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Megan_25 (EC),

Start 66:

- Found in 1 of 883 (0.1%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: LittleMinkey_27 (B13),

Start 71:

- Found in 53 of 883 (6.0%) of genes in pham
- Manual Annotations of this start: 42 of 761
- Called 86.8% of time when present
- Phage (with cluster) where this start called: Antares_31 (EC), Ariadne_39 (EC), BeagleBug_30 (EC), BrazzalePHS_30 (EC), Busephilis_30 (EC), ClearAsMud_33 (EC), Cranjjs_32 (EC), CrazyRich_30 (EC), Crisis_32 (EC), EarickHC_31 (EC), Fireman_31 (EC), Ganandorf_30 (EC), Gina_32 (EC), Glorp_32 (EC), Hermeonysus_30 (EC), Honeyfin_32 (EC), Jefe_31 (EC), Jollipop_31 (EC), KaiHaiDragon_31 (EC), LittleFortune_32 (EC), Lucretia_31 (EC), Metamorphoo_31 (EC), Nicole72_26 (EC), NoodlelyBoi_31 (EC), Onika_30 (EC), Paschalis_30 (EC), Phorgeous_30 (EC), Phrancesco_31 (EC), PiperSansNom_31 (EC), Piperis_31 (EC), Pulchra_32 (EC), Quhwah_34 (EC), RobsFeet_32 (EC), Rockwell_30 (EC), Savannah_30 (EC), Scumberland_32 (EC), Selwyn23_32 (EC), Shotgun_30 (EC), Shrubaron_31 (EC), SirFrank_30 (EC), Skugga_29 (EC), Smarties_39 (EC), Teamocil_32 (EC), Tyumbra_29 (EC), Yeti_31 (EC), Zapato_30 (EC),

Start 73:

- Found in 61 of 883 (6.9%) of genes in pham
- Manual Annotations of this start: 11 of 761
- Called 26.2% of time when present
- Phage (with cluster) where this start called: Ben11_22 (B3), Chentzyk_22 (B3), Compostia_24 (B3), Gervas_23 (B3), GlenHope_24 (B3), Glubnar_24 (B3), Jackstina_21 (B3), LestyG_23 (B3), Marley1013_23 (B3), Marlia_23 (B3), Mulaychimus_23 (B3), Olivio_22 (B3), Rita1961_23 (B3), Shenandoah_23 (B3), SlippinJimmy_23 (B3), Tydolla_23 (B3),

Start 74:

- Found in 12 of 883 (1.4%) of genes in pham
- Manual Annotations of this start: 3 of 761
- Called 83.3% of time when present
- Phage (with cluster) where this start called: Ahwei_19 (B4), Antihero_19 (B4), Epah_19 (B4), GinPorsche_19 (B4), Hally898_19 (B4), Lambano_19 (B4), LittleDigger_19 (B4), Nanao_19 (B4), Poster_19 (B4), Renkei_19 (B4),

Start 75:

- Found in 25 of 883 (2.8%) of genes in pham
- Manual Annotations of this start: 4 of 761
- Called 24.0% of time when present
- Phage (with cluster) where this start called: Germa_32 (EC), Jayden_32 (EC), Kowalski_30 (EC), PhedwardCullen_30 (EC), PierreOrion_31 (EC), Ramiel05_30 (EC),

Start 76:

- Found in 1 of 883 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ChrisnMich_19 (B4),

Start 78:

- Found in 1 of 883 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: FuzzBuster_35 (GM),

Start 79:

- Found in 8 of 883 (0.9%) of genes in pham
- Manual Annotations of this start: 7 of 761
- Called 87.5% of time when present
- Phage (with cluster) where this start called: Cinna_26 (EI), Cressida_28 (EI), Kozie_27 (EI), Margaery_26 (EI), Matzah_27 (EI), MementoMori_27 (EI), Terij_27 (EI),

Start 85:

- Found in 1 of 883 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Nigel_18 (B4),

Start 86:

- Found in 1 of 883 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: JAMaL_20 (B4),

Start 88:

- Found in 7 of 883 (0.8%) of genes in pham
- Manual Annotations of this start: 3 of 761
- Called 42.9% of time when present
- Phage (with cluster) where this start called: Axumite_19 (DR), Sisko_19 (DR), Sour_23 (DR),

Start 89:

- Found in 12 of 883 (1.4%) of genes in pham
- Manual Annotations of this start: 2 of 761
- Called 25.0% of time when present

- Phage (with cluster) where this start called: Hendrix_63 (GC), MisoSoup_22 (GM), Rasputia_62 (GC),

Start 92:

- Found in 10 of 883 (1.1%) of genes in pham
- Manual Annotations of this start: 8 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AnarQue_21 (DR), Blackpen_21 (DR), CaiB_21 (DR), CloverMinnie_21 (DR), FelixTres_21 (DR), MakoManhole_21 (DR), MossRose_21 (DR), TraderJ_21 (DR), Wooper_21 (DR), Yeshua_21 (DR),

Start 93:

- Found in 39 of 883 (4.4%) of genes in pham
- Manual Annotations of this start: 34 of 761
- Called 89.7% of time when present
- Phage (with cluster) where this start called: Allegro_24 (B2), Ares_24 (B2), Bananafish_24 (B2), Blocker23_24 (B2), Boyle_24 (B2), Brownie5_24 (B2), Calamitous_24 (B2), Coffee_24 (B2), Eaglehorse_24 (B2), Faze9_24 (B2), FrenchFry_24 (B2), Glass_24 (B2), Godines_24 (B2), Hedgerow_24 (B2), Holeinone_24 (B2), ItsyBitsy1_24 (B2), Kaleb_24 (B2), Kheth_24 (B2), Kolhan_24 (B2), Lars_24 (B2), Laurie_24 (B2), Lephleur_24 (B2), LilSmirk_24 (B2), LizLemon_24 (B2), MasterPo_24 (B2), Opia_24 (B2), Phantasmagoria_24 (B2), PrinceCharming_24 (B2), Rhinoforte_24 (B2), Sabella_24 (B2), TA17A_25 (B2), Tinciduntolum_25 (B2), Tres_24 (B2), Vic9_00024 (B2), West99_24 (B2),

Start 95:

- Found in 2 of 883 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 50.0% of time when present
- Phage (with cluster) where this start called: BiggityBass_19 (DR),

Start 96:

- Found in 7 of 883 (0.8%) of genes in pham
- Manual Annotations of this start: 4 of 761
- Called 71.4% of time when present
- Phage (with cluster) where this start called: Caterpie_18 (AD), Dori_19 (AD), Mao1_18 (AD), Mask_19 (AD), Sejanus_19 (AD),

Start 97:

- Found in 3 of 883 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 761
- Called 66.7% of time when present
- Phage (with cluster) where this start called: Delrey21_26 (DE4), Verity_26 (DE4),

Start 99:

- Found in 482 of 883 (54.6%) of genes in pham
- Manual Annotations of this start: 367 of 761
- Called 86.3% of time when present
- Phage (with cluster) where this start called: 39HC_018 (B6), 40BC_018 (B6), ABU_22 (B1), Abinghost_23 (B3), AbsoluteMadLad_21 (B1), Acadian_22 (B5), Adriana_22 (B1), Aelin_21 (B1), AlanGrant_21 (B4), Aleia_22 (B1), AltPhacts_22 (B1), Altwerkus_21 (B1), AnClar_20 (DR), Anderson_22 (B1), Andre_22 (B1), AngelCake_22 (B1), Antonia_21 (B1), Aonishiki_22 (B1), Apex_20 (B4), Apizium_21

(B1), Ashraf_21 (B1), Austelle_21 (B4), Badfish_22 (B1), Bae_21 (B5), Baloo_23 (B3), Banjo_21 (B1), Basato_23 (B1), BatteryCK_21 (B1), Beaglebox_21 (B1), BirdsNest_25 (B13), Bishoperium_21 (B1), BlackStallion_22 (B1), BlackSBerry_21 (B1), BlueHusk_22 (B1), Bluephacebaby_21 (B1), BobRoss2024_18 (DR), BobbyK_20 (B4), Boehler_22 (B1), BoogieWoogie_21 (B1), Briakila_23 (B3), Brilliant_22 (B1), BrownCNA_21 (B4), Buckeye_22 (B1), Burr_21 (B1), CRB2_24 (B9), CamL_22 (B1), CampRoach_22 (B1), Cannibal_22 (B1), Carthage_20 (B1), Casbah_22 (B3), Caspiboi_21 (B1), Causa_28 (AI), ChaChing_23 (B3), Chaelin_21 (B1), Chah_23 (B1), Chalmers_23 (B3), Charles1_22 (B1), CharlieGBrown_21 (B1), CharlottesWeb_19 (DR), CheetO_22 (B1), Cher_21 (B1), Childish_21 (B1), Chipette_23 (B1), Chorkpop_22 (B1), Chuni_21 (B1), Chunky_22 (B1), Chute_21 (B1), Cobra_22 (B1), Colbert_22 (B1), Coldpizza_22 (DR), Coletti_22 (B1), Cooper_20 (B4), Cornbread_21 (B1), Cornobble_21 (B1), Cosmolli16_21 (B1), Craff_22 (B1), Crownjwl_22 (B1), DaddyDaniels_22 (B1), Daffy_22 (B1), Daka_22 (B1), Dati_22 (B1), Deenasa_23 (B3), DelRivs_21 (B1), Derpp_21 (B1), Devonte_23 (B3), Dice_21 (B1), DigitDog_22 (B5), Dingo_22 (B1), Dione_21 (B1), DirtJuice_22 (B1), Doddsville_22 (B1), DoesntMatter_22 (B1), DoIOn_23 (B1), DonSanchon_21 (B1), Donny_22 (B5), DuchessDung_20 (B1), Duggie_21 (B1), Durga_22 (B1), EastView9101_21 (B5), ElvisPhasley_22 (B1), EmGer13_21 (B1), Emiris_22 (B1), EmpTee_22 (B1), Eremos_22 (B1), Etaye_22 (B1), Eugenia_22 (B1), Evaa_20 (DR), Fanaw_19 (B4), Flake_22 (B1), FleetyMac_21 (B1), FluffyNinja_22 (B1), ForDig_18 (B6), Fortunato_20 (B4), Fozzie_21 (B1), Frankicide_22 (B1), Frederick_20 (B4), FremontTroll_22 (B1), Fresco_19 (DR), Freya_21 (B1), FriarPreacher_22 (B1), Fringe_22 (B1), FugateOSU_21 (B1), Funsized_25 (B9), Gareth_21 (B1), GeneCoco_22 (B1), Giraffe_22 (B1), Gophee_22 (B1), Grand2040_21 (B1), GreenChile_22 (B1), Gwennie1_22 (B1), Gwilliam_22 (B1), Gyarad_0022 (B1), HSavage_22 (B1), Haimas_22 (B1), Haleema_21 (B1), Halfpint_22 (B3), Hamish_22 (B1), Hangman_20 (B4), Happabalu_22 (B1), Hartsy_22 (B1), HarveySr_23 (B3), Harvey_22 (B1), Hashim76_26 (B13), Heath_19 (B4), Hekos_19 (B1), Held_22 (B1), HenryJackson_21 (B1), Hertubise_22 (B1), Hetaeria_22 (B1), HighStump_21 (B1), Hocus_21 (B1), HogWash_21 (B1), Horchata_22 (B1), Hosp_016 (B6), Hydro_20 (B4), ImtiyazSitla_21 (B1), Imvubu_16 (B10), Inchworm_22 (B1), Indlovu_20 (B11), Inverness_22 (B1), Iridessa_22 (B1), Iridoclysis_22 (B1), IsaacEli_22 (B1), JDog_21 (B1), JacAttac_22 (B1), JaguarMi_20 (B4), JakeO_21 (B1), JangoPhett_22 (B1), JellyBelly_19 (DR), Jesabah_22 (B1), Jillium_21 (B1), Jiminy_21 (B1), Jiraiya_21 (B1), Jolie1_018 (B6), JoyceMaria_20 (B4), KLucky39_22 (B1), Kahve_21 (B1), Kailash_22 (B1), KarasumaRum_24 (B5), Karn_21 (B1), Katniss_22 (B1), KayaCho_18 (B6), Keitherie_22 (B1), Khan1_22 (B1), Kikipoo_22 (B1), Kimbrough_22 (B1), KingVeVeVe_22 (B1), KlimbOn_22 (B1), Kloppinator_22 (B1), Knocker_24 (B9), Kronus_22 (B3), Kwadwo_21 (B1), Kwksand96_21 (B1), Labeoufcaum_21 (B1), Larson_23 (B1), LasagnaCat_22 (B1), Lasso_22 (B1), LeeLot_22 (B1), Lego3393_22 (B1), Legolas_21 (B1), Lehmann_22 (B1), LeiMonet_22 (B1), LemonSlice_22 (B1), Ligma_19 (DR), LiiMcDreamy_19 (B12), LittleMunchkin_21 (DR), Lolalove_20 (B4), Longacauda_21 (B1), Lopsy_21 (B1), LostAndPhound_21 (B1), LuckyMarjie_21 (B1), Lulumae_21 (B1), Lulwa_22 (B1), Lumine_21 (B1), MRabcd_21 (B1), Mag7_21 (B1), Magic8_22 (B1), Magpie_19 (B4), Mana_21 (B1), Manad_21 (B1), Maru_21 (B1), Maskar_21 (B1), Matalotodo_22 (B1), Mcshane_21 (B1), Mecca_21 (B1), Megamind20_22 (B1), Megatron_22 (B1), Melc17_22 (B1), MelsMeow_21 (B1), Mesh1_22 (B1), Mesmerelda_21 (B1), MichaelPhcott_21 (B1), Mikota_22 (B1), MiniBoss_22 (B1), MitKao_22 (B1), Mithril_20 (B4), MmasiCarm_23 (B3), Morgushi_22 (B1), Morty_22 (B1), Mosaic_21 (B1), MrPhizzler_22 (B1), Mudslide_20 (B4), Mulan_21 (B1), Murdoc_22 (B1), Mutante_21 (B1), Mysterious_22 (B5), NHagos_19 (DR), Nacho_0022 (B1),

Nangang_22 (B5), Nathan_22 (B1), Nehemiah_21 (B5), Newman_22 (B1), NiaNia_23 (B1), Nicole21_22 (B1), Nova1_21 (B1), Nozo_23 (B3), Numberten_22 (B1), Nyala_21 (B1), OSmaximus_22 (B1), Olak_21 (B1), Oline_21 (B1), Olive_22 (B1), OliverWalter_22 (B1), Omniscient_22 (B1), OneBrain_22 (B1), Oosterbaan_22 (B1), OrangeOswald_23 (B3), Orfeu_21 (B1), Orion_22 (B1), Orwigg_21 (B1), PG1_22 (B1), Pacifista_21 (B1), PallasAthena_22 (B1), PenguinLover67_24 (B9), Phamished_22 (B1), Phareon_22 (B1), PhatCats2014_22 (B1), PhatLouie_22 (B1), Phayeta_23 (B3), Phelemich_22 (B5), PhenghisKhan_21 (B1), Pherdinand_22 (B1), Phergie_21 (B1), Philly_22 (B3), Phipps_22 (B1), Phleuron_21 (B1), PhrankReynolds_21 (B1), PhrodoBaggins_21 (B1), Phunky_22 (B1), Piglet_0021 (B1), PinheadLarry_22 (B1), Pinkman_21 (B1), Pipefish_23 (B3), Pipsqueak_22 (B1), Placalicious_21 (B1), Plata_21 (B1), Plmatters_22 (B1), Podrick_22 (B1), Pops_22 (B1), Potter_21 (B1), Prickles_22 (B1), Prince_20 (B4), ProfessorX_22 (B1), Puhltonio_22 (B1), QueenBeane_22 (B1), QueenPie_19 (B4), Quesadilla_23 (B9), Quisquilliae_22 (B1), RagingRooster_23 (B3), RawrgerThat_20 (B4), Reccee_22 (B5), RedMaple_21 (B1), RedRaider89_23 (B1), Reprobate_22 (B5), Rich_21 (B5), Ricotta_21 (B1), Riggan_22 (B1), Rimu_22 (B1), Rinkes_25 (B9), Rita130_22 (B5), Riverton_22 (B1), Robyn_21 (B1), Roliet_22 (B1), Roscoe_23 (B1), Roy17_22 (B1), SDcharge11_22 (B1), Saguaro_23 (B7), SallyH_22 (B1), Samaymay_22 (B1), SassyCat97_21 (B1), Schadenfreude_21 (B1), Schueller_21 (B1), Scoot17C_22 (B1), Scrick_22 (B1), Selr12_22 (B1), Serendipitous_21 (B5), Serendipity_22 (B1), Serpentine_0022 (B1), ShadowBud_22 (B1), Shatter_19 (DR), Sheila_22 (B1), Shenyu_22 (B5), ShiVal_22 (B1), Sigman_22 (B1), SilverBell_22 (B1), Simielle_21 (B1), SirBeauregard_21 (B1), SirJeffery_22 (B5), Skippy_22 (B1), Slatt_22 (B1), Soile_22 (B1), Solosis_21 (B1), Sophia_21 (B1), Soto_22 (B1), Spartan300_22 (B1), Squid_22 (B1), Squiggle_22 (B1), StAugustine_26 (A1), Stinger_18 (B4), StinkyVeggy_24 (B5), Struggle_21 (B1), Suffolk_22 (B1), Suigeneris_22 (B5), Surely_22 (B1), SwainyDoc_23 (B3), Swiphy_22 (B1), Swish_22 (B1), SynergyX_23 (B3), TPA2_28 (singleton), TallGrassMM_22 (B1), Taraxa_22 (B1), Telesworld_21 (B1), Thonko_21 (B8), Thora_22 (B1), ThreeOh3D2_22 (B1), Thunderbird_21 (B1), Timmi_21 (B1), TinyTerror_23 (B3), TomBombadil_22 (B1), Tomlarah_22 (B1), Toni_21 (B1), TooFast2Furius_23 (B1), Tooj_22 (B1), Triad_22 (B1), True_21 (B1), Trypo_22 (B1), TyrionL_21 (B1), UAch1_22 (B1), UncleHowie_22 (B1), Usavi_22 (B1), Vaishali24_21 (B1), Valjean_22 (B1), Vaticameos_22 (B1), Veritas_21 (B1), Vincenzo_21 (B4), VioletZ_20 (B4), Virapocalypse_22 (B1), Virgeve_21 (B1), Vista_22 (B1), Vivaldi_22 (B1), Vortex_22 (B1), Waleliano_20 (B4), Wallhey_21 (B1), Waterdiva_22 (B1), Weher20_22 (B1), Windsor_21 (B1), Xavier_21 (B1), Xincheng_19 (B4), Yinz_23 (B3), Yoshand_22 (B1), YouGoGlencoco_22 (B1), Zaider_23 (B1), Zelda_22 (B1), Zemanar_21 (B4), Zenteno07_26 (B13), Zonia_22 (B1),

Start 101:

- Found in 8 of 883 (0.9%) of genes in pham
- Manual Annotations of this start: 8 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Argie_17 (W), Cepens_16 (W), D12_16 (W), GodPhather_17 (W), Jeon_16 (W), Megabear_16 (W), PR_16 (W), Taptic_16 (W),

Start 104:

- Found in 2 of 883 (0.2%) of genes in pham
- Manual Annotations of this start: 2 of 761
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Merry_ (EC), Sunny_ (EC),

Start 105:

- Found in 6 of 883 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 16.7% of time when present
- Phage (with cluster) where this start called: Sting_49 (CP),

Start 106:

- Found in 1 of 883 (0.1%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Pine5_22 (singleton),

Start 107:

- Found in 92 of 883 (10.4%) of genes in pham
- Manual Annotations of this start: 20 of 761
- Called 22.8% of time when present
- Phage (with cluster) where this start called: Akoma_23 (B3), AksarBAT_19 (DR), Athena_24 (B3), Audrey_23 (B3), Bernardo_23 (B3), Chandler_23 (B3), Corofin_23 (B3), Daisy_23 (B3), Gadget_24 (B3), Heathcliff_23 (B3), Kamiyu_23 (B3), Mariokart_19 (DR), Mortcellus_22 (B3), Morty007_23 (B3), Neos5_23 (B3), Obutu_23 (B3), Phaedrus_21 (B3), Phlyer_23 (B3), RomaT_23 (B3), Yago84_19 (DR), Yahalom_23 (B3),

Start 108:

- Found in 1 of 883 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sunfish_36 (singleton),

Start 109:

- Found in 14 of 883 (1.6%) of genes in pham
- Manual Annotations of this start: 14 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abt2graduatex2_18 (BG), Asis_17 (BG), BabyGotBac_17 (BG), BayC_17 (BG), Dewdrop_68 (GC), Leaf_68 (GC), Maih_17 (BG), Mischief19_25 (BG), RainyPolka_18 (BG), Salete_17 (BG), TP1604_17 (BG), TurkishDelight_23 (singleton), Xkcd426_23 (BG), YDN12_18 (BG),

Start 110:

- Found in 58 of 883 (6.6%) of genes in pham
- Manual Annotations of this start: 51 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Altheas_33 (EG), AluminumJesus_29 (EG), BabyDotz_30 (EG), BaconCheese_34 (EG), BirdInFrench_30 (EG), Blab_29 (EG), CandC_29 (EG), Casend_32 (EG), DonaldDuck_30 (EG), EverythinBagel_30 (EG), Fizzles_31 (EG), FrankDeliGuy_28 (EG), Fransoyer_33 (EG), Fregley_31 (EG), Gazebo_30 (EG), Grassboy_32 (EG), Hyperion_30 (EG), Jehoshaphat_33 (EG), Judebell_33 (EG), Kelcole_29 (EG), KillerQueen_31 (EG), Kithara_29 (singleton), Kyva_33 (EG), Lemily_30 (EG), Lonelysoil_30 (EG), Marcie_35 (EG), Mashley_29 (EG), Mentos_36 (EG), Mila11_34 (EG), MorillMayhem_31 (EG), Namago_31 (EG), Nike_31 (EG), OneinaGillian_30 (EG), Pepe25_29 (EG), Phabia_31 (EG), Phinky_37

(EG), Quammi_29 (EG), RobinRose_32 (EG), Romm_32 (EG), RubyRalph_33 (EG), Rudy_29 (EG), SadLad_35 (EG), SallyK_32 (EG), Sillytadpoles_31 (EG), SlySloth_33 (EG), Squash_33 (EG), Statler_32 (EG), StrawberryJamm_33 (EG), Teehee_32 (EG), Tempo_30 (EG), Tissue_31 (EG), Viceroy_30 (EG), Wayne3_32 (EG), WheelerS25_36 (EG), Wheelie_30 (EG), Wilca_30 (EG), Zagie_31 (EG), Zhafia_33 (EG),

Start 111:

- Found in 2 of 883 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Rowlf_27 (EG), phiAsp2_19 (singleton),

Start 116:

- Found in 111 of 883 (12.6%) of genes in pham
- Manual Annotations of this start: 85 of 761
- Called 86.5% of time when present
- Phage (with cluster) where this start called: APunk_27 (DE4), Abblin_26 (DE4), Affeca_25 (DE1), Ailee_25 (DE1), Ali17_23 (DE2), Amo99_51 (CP), Angelicage_25 (DE1), Ashertheman_27 (DE1), Baddon_26 (DE1), Barsten_27 (DE1), Baumdotcom_26 (DE1), Belphegor_25 (DE2), Bibwit_26 (DE1), BigHunkinEater_29 (DE4), Bizzy_27 (DE1), BobBob_24 (DE1), Brandonk123_28 (DE1), Brawn1_23 (DE1), ChadMasterC_27 (DE1), Charming_27 (DE1), Chickadee_24 (DE3), Clawz_50 (CP), ColdSoup_51 (CP), Derg_22 (DE1), Dexdert_25 (DE3), DoctorFroggo_26 (DE4), DonTron_50 (CP), EMoore_23 (DE2), EdmundFerry_23 (DE3), Fitzgerald_25 (DE1), Flatwoods_27 (DE1), Fosterous_25 (DE1), FuegoCuervo_29 (DE1), GTE6_24 (DE3), Gaea_26 (DE1), Galadriel_27 (DE1), Geodirt_24 (DE1), Grumio_50 (CP), Gustavo_26 (DE1), Hans_27 (DE2), Inspectinfecti_26 (DE2), JKSyngboy_24 (DE1), Jabberwocky_25 (DE1), Jollymon_50 (CP), Kamashen_26 (DE1), Keitabear_27 (DE1), Kewpiedoll_26 (DE1), Kroos_27 (DE1), Kwekel_24 (DE3), Kwobi_28 (DE1), Lennon_27 (DE1), Leonard_25 (DE2), LilHam_24 (DE1), Lilbeanie_22 (DE5), Love_30 (DE1), Makar_51 (CP), McCrothy_27 (DE1), McKinley_29 (DE1), MelBins_26 (DE2), MoontowerMania_26 (DE1), Natkenzie_26 (DE4), Nordenberg_21 (DE1), Paries_29 (DE1), Phauci_18 (DE2), Phinally_25 (DE2), Pumpkiney_27 (DE4), Purplicious_49 (CP), Ribeye_27 (DE1), RiverRaider_27 (DE1), RoadKill_22 (DE3), Rofo_27 (DE1), Sampson_26 (DE4), Sanjuju_25 (DE1), Saronaya_26 (DE1), SchottB_25 (DE1), Scioto_26 (DE4), Sedona_27 (DE1), Shivanishola_28 (DE1), Sitar_27 (DE1), Soos_46 (CP), Stichling_24 (DE1), Stillion_50 (CP), StorminNorm_26 (DE1), Stultus_25 (DE1), Tangent_27 (DE1), Tangerine_26 (DE1), Tardus_27 (DE4), Thing3_26 (DE1), Tiamoceli_25 (DE3), Twonlo_22 (DE3), Tycho_26 (DE1), ViaConlectus_26 (DE4), Vivi2_29 (DE1), YorkOnyx_27 (DE1), Zipp_26 (DE4), Zitch_27 (DE4),

Start 120:

- Found in 4 of 883 (0.5%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Tonitrus_37 (singleton),

Start 122:

- Found in 142 of 883 (16.1%) of genes in pham
- Manual Annotations of this start: 34 of 761
- Called 27.5% of time when present

- Phage (with cluster) where this start called: Arri_26 (DC1), Bakery_24 (DC1), Barb_25 (DC1), CherryCola_26 (DC1), ClamChowder_25 (DC1), Clown_27 (DC2), CoveyB_25 (DC1), Danyall_25 (DC1), Egi03_23 (DC1), Evamon_23 (DC1), Fang_22 (B1), Fireball_24 (DC1), Fugax_25 (DC1), Gezellig_23 (DC1), Halo3_24 (DC1), Jambalaya_23 (DC1), JohnPork_23 (DC1), KimmyK_25 (DC1), Mutzi_25 (DC1), Nubi_23 (DC1), Phlop_23 (DC1), PinkCoffee_25 (DC1), Portcullis_23 (DC1), PullumCavea_23 (DC1), RogerDodger_26 (DC1), Salvador_23 (DC1), Savbucketdawg_23 (DC1), Sendy_24 (DC1), SharkTale_23 (DC1), Shinji_23 (DC1), Sixsevenium_24 (DC1), SmokingBunny_23 (DC1), TillyBobJoe_23 (DC1), Togo_23 (DC1), Twister6_25 (DC1), Valary_26 (DC1), VanDeWege_26 (DC1), Wizard_23 (DC1), YungMoney_25 (DC1),

Start 127:

- Found in 11 of 883 (1.2%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 9.1% of time when present
- Phage (with cluster) where this start called: KingstonB_48 (CP),

Start 128:

- Found in 9 of 883 (1.0%) of genes in pham
- No Manual Annotations of this start.
- Called 11.1% of time when present
- Phage (with cluster) where this start called: JohnLord_19 (AD),

Start 142:

- Found in 2 of 883 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Boise_22 (FT), RomansRevenge_22 (FT),

Start 143:

- Found in 8 of 883 (0.9%) of genes in pham
- Manual Annotations of this start: 7 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: A3Wally_91 (GD1), Big4_80 (GD2), Cece_74 (GD3), Dodo_93 (GD1), Erasmago_82 (GD2), PauloDiaboli_91 (GD1), Pumpnickel_88 (GD4), Zooman_76 (GD2),

Start 146:

- Found in 27 of 883 (3.1%) of genes in pham
- Manual Annotations of this start: 19 of 761
- Called 92.6% of time when present
- Phage (with cluster) where this start called: AWGoat_24 (AP4), Beagle_32 (AP2), BetaFish_31 (AP2), BruhMoment_26 (AP3), DogYard_31 (AP2), Forrestell_28 (AP2), Hive_31 (AP2), Kubulix_32 (AP2), MellowYellow_28 (AP2), Nikan_26 (AP2), NyleyClemson_26 (AP2), Odyssey395_33 (AP2), Ollypop_29 (AP2), PhuzzTulsa_29 (AP2), Pointis_31 (AP2), Popstraw_29 (AP2), Pureglobe5_33 (AP2), RIPWilbur_29 (AP2), Ranunculus_25 (AP), RazzB_27 (AP2), Ren19_24 (AP2), Rizwana_25 (AP1), SilentRX_26 (AP4), Tank_26 (AP1), Wilde_26 (AP1),

Start 161:

- Found in 38 of 883 (4.3%) of genes in pham

- Manual Annotations of this start: 3 of 761
- Called 7.9% of time when present
- Phage (with cluster) where this start called: Arbiter_24 (B2), Qyrzula_22 (B2), Rosebush_24 (B2),

Start 164:

- Found in 383 of 883 (43.4%) of genes in pham
- Manual Annotations of this start: 12 of 761
- Called 6.5% of time when present
- Phage (with cluster) where this start called: Artu_77 (FC), Atuin_79 (FC), Bloom_88 (FC), BooTeria_81 (FC), Chilliams_81 (FC), DunneganBoMo_74 (FC), Ellewin_73 (FC), Emmetator_77 (FC), FloraSnap32_84 (FC), FrostedClock_87 (FC), GoldenEssence_70 (FC), KSunshine22_79 (FC), Laure_86 (UNK), LeoJr_84 (FC), Mimi_84 (FC), Panchaali_77 (FC), Patbob_83 (FC), Phrampa_76 (FC), Racecar_85 (FC), ReginaGlobina_84 (FC), Rockabye_86 (FC), SJReid_87 (FC), Stewart25555_75 (FC), Talia1610_84 (FC), WaddleDee_72 (FC),

Start 188:

- Found in 5 of 883 (0.6%) of genes in pham
- Manual Annotations of this start: 5 of 761
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BlueNGold_90 (DS), Boopy_91 (DS), Forza_91 (DS), Mareelih_89 (DS), Sixama_84 (DS),

Start 190:

- Found in 3 of 883 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 761
- Called 66.7% of time when present
- Phage (with cluster) where this start called: GodonK_79 (DK), Phendrix_77 (DK),

Start 195:

- Found in 5 of 883 (0.6%) of genes in pham
- No Manual Annotations of this start.
- Called 20.0% of time when present
- Phage (with cluster) where this start called: GMA2_19 (DS),

Summary by clusters:

There are 46 clusters represented in this pham: GD1, singleton, BG, FT, DK, AP2, AP3, AP1, GD2, AP4, FC, B12, B13, B10, B11, GD3, GD4, DR, DS, UNK, EI, AD, AI, EG, EC, AP, GC, W, GM, CP, DC2, DC1, DE1, DE2, DE3, DE4, DE5, B4, B5, B6, B7, B1, B2, B3, B8, B9,

Info for manual annotations of cluster AD:

- Start number 96 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster AI:

- Start number 99 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster AP:

- Start number 146 was manually annotated 1 time for cluster AP.

Info for manual annotations of cluster AP1:

- Start number 146 was manually annotated 3 times for cluster AP1.

Info for manual annotations of cluster AP2:

- Start number 146 was manually annotated 12 times for cluster AP2.

Info for manual annotations of cluster AP3:

- Start number 146 was manually annotated 1 time for cluster AP3.

Info for manual annotations of cluster AP4:

- Start number 146 was manually annotated 2 times for cluster AP4.

Info for manual annotations of cluster B1:

- Start number 99 was manually annotated 286 times for cluster B1.
- Start number 122 was manually annotated 1 time for cluster B1.

Info for manual annotations of cluster B10:

- Start number 99 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 99 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 99 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 99 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:

- Start number 93 was manually annotated 34 times for cluster B2.
- Start number 161 was manually annotated 3 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 73 was manually annotated 11 times for cluster B3.
- Start number 99 was manually annotated 22 times for cluster B3.
- Start number 107 was manually annotated 18 times for cluster B3.

Info for manual annotations of cluster B4:

- Start number 74 was manually annotated 3 times for cluster B4.
- Start number 76 was manually annotated 1 time for cluster B4.
- Start number 85 was manually annotated 1 time for cluster B4.
- Start number 86 was manually annotated 1 time for cluster B4.
- Start number 99 was manually annotated 22 times for cluster B4.

Info for manual annotations of cluster B5:

- Start number 99 was manually annotated 11 times for cluster B5.

Info for manual annotations of cluster B6:

- Start number 99 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:

- Start number 99 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 99 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 99 was manually annotated 6 times for cluster B9.

Info for manual annotations of cluster BG:

- Start number 109 was manually annotated 11 times for cluster BG.

Info for manual annotations of cluster CP:

- Start number 105 was manually annotated 1 time for cluster CP.
- Start number 116 was manually annotated 4 times for cluster CP.
- Start number 127 was manually annotated 1 time for cluster CP.

Info for manual annotations of cluster DC1:

- Start number 122 was manually annotated 32 times for cluster DC1.

Info for manual annotations of cluster DC2:

- Start number 122 was manually annotated 1 time for cluster DC2.

Info for manual annotations of cluster DE1:

- Start number 116 was manually annotated 53 times for cluster DE1.

Info for manual annotations of cluster DE2:

- Start number 116 was manually annotated 9 times for cluster DE2.

Info for manual annotations of cluster DE3:

- Start number 116 was manually annotated 7 times for cluster DE3.

Info for manual annotations of cluster DE4:

- Start number 97 was manually annotated 2 times for cluster DE4.
- Start number 116 was manually annotated 11 times for cluster DE4.

Info for manual annotations of cluster DE5:

- Start number 116 was manually annotated 1 time for cluster DE5.

Info for manual annotations of cluster DK:

- Start number 190 was manually annotated 2 times for cluster DK.

Info for manual annotations of cluster DR:

- Start number 88 was manually annotated 3 times for cluster DR.
- Start number 92 was manually annotated 8 times for cluster DR.
- Start number 95 was manually annotated 1 time for cluster DR.
- Start number 99 was manually annotated 8 times for cluster DR.
- Start number 107 was manually annotated 2 times for cluster DR.

Info for manual annotations of cluster DS:

- Start number 188 was manually annotated 5 times for cluster DS.

Info for manual annotations of cluster EC:

- Start number 61 was manually annotated 1 time for cluster EC.
- Start number 71 was manually annotated 42 times for cluster EC.
- Start number 75 was manually annotated 4 times for cluster EC.
- Start number 104 was manually annotated 2 times for cluster EC.

Info for manual annotations of cluster EG:

- Start number 110 was manually annotated 50 times for cluster EG.
- Start number 111 was manually annotated 1 time for cluster EG.

Info for manual annotations of cluster EI:

- Start number 79 was manually annotated 7 times for cluster EI.

Info for manual annotations of cluster FC:

- Start number 164 was manually annotated 12 times for cluster FC.

Info for manual annotations of cluster FT:

- Start number 142 was manually annotated 1 time for cluster FT.

Info for manual annotations of cluster GC:

- Start number 89 was manually annotated 2 times for cluster GC.
- Start number 109 was manually annotated 2 times for cluster GC.

Info for manual annotations of cluster GD1:

- Start number 143 was manually annotated 3 times for cluster GD1.

Info for manual annotations of cluster GD2:

- Start number 143 was manually annotated 2 times for cluster GD2.

Info for manual annotations of cluster GD3:

- Start number 143 was manually annotated 1 time for cluster GD3.

Info for manual annotations of cluster GD4:

- Start number 143 was manually annotated 1 time for cluster GD4.

Info for manual annotations of cluster GM:

- Start number 78 was manually annotated 1 time for cluster GM.

Info for manual annotations of cluster W:

- Start number 101 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_018 Start: 16237, Stop: 16980, Start Num: 99

Candidate Starts for 39HC_018:

(Start: 99 @16237 has 367 MA's), (113, 16264), (134, 16297), (158, 16348), (175, 16402), (177, 16408), (200, 16456), (212, 16471), (236, 16501), (251, 16546), (258, 16567), (263, 16585), (265, 16588), (268, 16600), (303, 16714), (308, 16738), (330, 16831), (341, 16882), (361, 16957), (368, 16972),

Gene: 40BC_018 Start: 16237, Stop: 16980, Start Num: 99

Candidate Starts for 40BC_018:

(Start: 99 @16237 has 367 MA's), (113, 16264), (134, 16297), (158, 16348), (175, 16402), (177, 16408), (200, 16456), (212, 16471), (236, 16501), (251, 16546), (258, 16567), (263, 16585), (265, 16588), (268, 16600), (303, 16714), (308, 16738), (330, 16831), (341, 16882), (361, 16957), (368,

16972),

Gene: A3Wally_91 Start: 49023, Stop: 49784, Start Num: 143

Candidate Starts for A3Wally_91:

(Start: 143 @49023 has 7 MA's), (171, 49104), (191, 49161), (216, 49206), (240, 49257), (248, 49278), (256, 49305), (257, 49308), (278, 49377), (303, 49479), (309, 49509), (313, 49521), (318, 49536), (335, 49623), (348, 49683), (349, 49686), (350, 49692), (372, 49749),

Gene: ABU_22 Start: 17064, Stop: 17801, Start Num: 99

Candidate Starts for ABU_22:

(Start: 99 @17064 has 367 MA's), (158, 17178), (160, 17184), (Start: 164 @17193 has 12 MA's), (165, 17202), (214, 17298), (253, 17370), (255, 17376), (258, 17388), (275, 17439), (300, 17520), (306, 17553), (308, 17559), (329, 17640), (330, 17652), (335, 17676), (341, 17703), (350, 17745), (361, 17778), (368, 17793),

Gene: APunk_27 Start: 20502, Stop: 21293, Start Num: 116

Candidate Starts for APunk_27:

(Start: 116 @20502 has 85 MA's), (170, 20631), (200, 20706), (212, 20727), (224, 20745), (285, 20922), (292, 20952), (294, 20964), (318, 21057), (330, 21114), (336, 21144), (346, 21180), (368, 21252),

Gene: AWGoat_24 Start: 19637, Stop: 20371, Start Num: 146

Candidate Starts for AWGoat_24:

(Start: 146 @19637 has 19 MA's), (168, 19700), (169, 19703), (180, 19742), (183, 19751), (187, 19760), (200, 19781), (202, 19784), (217, 19817), (223, 19829), (229, 19841), (243, 19886), (249, 19907), (253, 19916), (266, 19958), (268, 19967), (269, 19970), (277, 19994), (308, 20090), (310, 20099), (317, 20120), (325, 20147), (336, 20213), (354, 20282),

Gene: Abblin_26 Start: 21114, Stop: 21905, Start Num: 116

Candidate Starts for Abblin_26:

(Start: 116 @21114 has 85 MA's), (170, 21243), (212, 21339), (285, 21534), (292, 21564), (318, 21669), (330, 21726), (336, 21756), (346, 21792), (368, 21864),

Gene: Abinghost_23 Start: 17721, Stop: 18479, Start Num: 99

Candidate Starts for Abinghost_23:

(Start: 73 @17646 has 11 MA's), (80, 17664), (Start: 99 @17721 has 367 MA's), (Start: 107 @17739 has 20 MA's), (163, 17859), (165, 17871), (200, 17955), (263, 18084), (269, 18102), (291, 18162), (304, 18219), (318, 18273), (335, 18354), (338, 18366), (343, 18384), (363, 18459),

Gene: AbsoluteMadLad_21 Start: 17065, Stop: 17802, Start Num: 99

Candidate Starts for AbsoluteMadLad_21:

(Start: 99 @17065 has 367 MA's), (158, 17179), (160, 17185), (Start: 164 @17194 has 12 MA's), (165, 17203), (214, 17299), (253, 17371), (255, 17377), (258, 17389), (275, 17440), (300, 17521), (306, 17554), (308, 17560), (329, 17641), (330, 17653), (335, 17677), (341, 17704), (350, 17746), (361, 17779), (368, 17794),

Gene: Abt2graduatex2_18 Start: 18225, Stop: 19085, Start Num: 109

Candidate Starts for Abt2graduatex2_18:

(Start: 109 @18225 has 14 MA's), (158, 18333), (177, 18396), (211, 18459), (226, 18480), (228, 18489), (232, 18504), (258, 18585), (261, 18597), (263, 18603), (266, 18609), (269, 18621), (270, 18624), (283, 18666), (303, 18765), (310, 18798), (335, 18909), (339, 18924), (343, 18939), (349, 18972), (355, 18993), (365, 19020), (368, 19026),

Gene: Acadian_22 Start: 17799, Stop: 18554, Start Num: 99

Candidate Starts for Acadian_22:

(52, 17634), (57, 17664), (65, 17685), (Start: 73 @17724 has 11 MA's), (Start: 99 @17799 has 367 MA's), (114, 17829), (141, 17877), (158, 17913), (163, 17925), (165, 17937), (175, 17967), (177, 17973), (185, 17994), (251, 18120), (263, 18159), (269, 18177), (284, 18213), (294, 18252), (335, 18429), (338, 18441), (341, 18456), (350, 18498), (368, 18546),

Gene: Adriana_22 Start: 17067, Stop: 17804, Start Num: 99

Candidate Starts for Adriana_22:

(Start: 99 @17067 has 367 MA's), (158, 17181), (160, 17187), (Start: 164 @17196 has 12 MA's), (165, 17205), (214, 17301), (253, 17373), (255, 17379), (258, 17391), (275, 17442), (300, 17523), (306, 17556), (308, 17562), (329, 17643), (330, 17655), (335, 17679), (341, 17706), (350, 17748), (361, 17781), (368, 17796),

Gene: Aelin_21 Start: 16630, Stop: 17367, Start Num: 99

Candidate Starts for Aelin_21:

(Start: 99 @16630 has 367 MA's), (Start: 122 @16672 has 34 MA's), (158, 16744), (160, 16750), (Start: 164 @16759 has 12 MA's), (165, 16768), (214, 16864), (253, 16936), (255, 16942), (258, 16954), (275, 17005), (300, 17086), (306, 17119), (308, 17125), (329, 17206), (330, 17218), (335, 17242), (341, 17269), (361, 17344), (368, 17359),

Gene: Affeca_25 Start: 21146, Stop: 21919, Start Num: 116

Candidate Starts for Affeca_25:

(Start: 116 @21146 has 85 MA's), (139, 21194), (177, 21299), (232, 21389), (253, 21446), (268, 21497), (285, 21542), (303, 21620), (306, 21638), (318, 21677), (346, 21800), (381, 21902),

Gene: Ahwei_19 Start: 16591, Stop: 17403, Start Num: 74

Candidate Starts for Ahwei_19:

(Start: 74 @16591 has 3 MA's), (82, 16612), (87, 16627), (Start: 99 @16660 has 367 MA's), (160, 16771), (163, 16777), (Start: 164 @16780 has 12 MA's), (177, 16825), (246, 16954), (260, 16999), (269, 17026), (277, 17050), (284, 17062), (292, 17092), (303, 17137), (308, 17161), (330, 17254), (341, 17305), (351, 17350), (355, 17362), (361, 17380), (368, 17395),

Gene: Ailee_25 Start: 21858, Stop: 22631, Start Num: 116

Candidate Starts for Ailee_25:

(Start: 116 @21858 has 85 MA's), (139, 21906), (163, 21963), (177, 22011), (253, 22158), (285, 22254), (303, 22332), (306, 22350), (318, 22389), (346, 22512), (381, 22614),

Gene: Akoma_23 Start: 17737, Stop: 18477, Start Num: 107

Candidate Starts for Akoma_23:

(Start: 73 @17644 has 11 MA's), (80, 17662), (Start: 99 @17719 has 367 MA's), (Start: 107 @17737 has 20 MA's), (163, 17857), (165, 17869), (200, 17953), (263, 18082), (269, 18100), (291, 18160), (304, 18217), (318, 18271), (335, 18352), (338, 18364), (343, 18382), (363, 18457),

Gene: AksarBAT_19 Start: 15521, Stop: 16255, Start Num: 107

Candidate Starts for AksarBAT_19:

(Start: 99 @15503 has 367 MA's), (Start: 107 @15521 has 20 MA's), (Start: 120 @15542 has 1 MA's), (147, 15602), (158, 15629), (175, 15683), (210, 15743), (214, 15749), (236, 15776), (245, 15803), (251, 15821), (263, 15860), (269, 15878), (284, 15914), (288, 15926), (303, 15989), (333, 16115), (349, 16193), (350, 16199),

Gene: AlanGrant_21 Start: 18471, Stop: 19205, Start Num: 99

Candidate Starts for AlanGrant_21:

(63, 18354), (Start: 99 @18471 has 367 MA's), (147, 18549), (163, 18588), (177, 18636), (185, 18657), (204, 18681), (210, 18693), (263, 18810), (284, 18864), (292, 18894), (303, 18939), (308, 18963), (351, 19152), (361, 19182), (368, 19197),

Gene: Aleia_22 Start: 16643, Stop: 17380, Start Num: 99

Candidate Starts for Aleia_22:

(Start: 99 @16643 has 367 MA's), (158, 16757), (160, 16763), (Start: 164 @16772 has 12 MA's), (165, 16781), (214, 16877), (253, 16949), (255, 16955), (258, 16967), (275, 17018), (300, 17099), (306, 17132), (308, 17138), (329, 17219), (330, 17231), (335, 17255), (341, 17282), (361, 17357), (368, 17372),

Gene: Ali17_23 Start: 18977, Stop: 19768, Start Num: 116

Candidate Starts for Ali17_23:

(Start: 116 @18977 has 85 MA's), (129, 18998), (150, 19049), (177, 19130), (213, 19190), (224, 19208), (226, 19211), (269, 19352), (277, 19376), (285, 19394), (307, 19493), (330, 19586), (331, 19589), (336, 19616), (346, 19652), (373, 19739), (380, 19751),

Gene: Allegro_24 Start: 19129, Stop: 19914, Start Num: 93

Candidate Starts for Allegro_24:

(Start: 93 @19129 has 34 MA's), (138, 19240), (155, 19276), (Start: 161 @19297 has 3 MA's), (163, 19300), (177, 19348), (193, 19384), (253, 19486), (260, 19513), (263, 19522), (269, 19540), (276, 19561), (303, 19654), (308, 19678), (314, 19699), (329, 19756), (330, 19768), (331, 19771), (338, 19801), (349, 19852), (366, 19903),

Gene: AltPhacts_22 Start: 17059, Stop: 17796, Start Num: 99

Candidate Starts for AltPhacts_22:

(Start: 99 @17059 has 367 MA's), (158, 17173), (160, 17179), (Start: 164 @17188 has 12 MA's), (165, 17197), (214, 17293), (253, 17365), (255, 17371), (258, 17383), (275, 17434), (300, 17515), (306, 17548), (308, 17554), (329, 17635), (330, 17647), (335, 17671), (341, 17698), (361, 17773), (368, 17788),

Gene: Altheas_33 Start: 21050, Stop: 21898, Start Num: 110

Candidate Starts for Altheas_33:

(Start: 110 @21050 has 51 MA's), (139, 21113), (152, 21143), (196, 21263), (236, 21356), (269, 21464), (291, 21530),

Gene: Altwerkus_21 Start: 16759, Stop: 17496, Start Num: 99

Candidate Starts for Altwerkus_21:

(Start: 99 @16759 has 367 MA's), (Start: 122 @16801 has 34 MA's), (158, 16873), (160, 16879), (Start: 164 @16888 has 12 MA's), (165, 16897), (214, 16993), (253, 17065), (255, 17071), (258, 17083), (275, 17134), (300, 17215), (306, 17248), (308, 17254), (329, 17335), (330, 17347), (335, 17371), (341, 17398), (361, 17473), (368, 17488),

Gene: AluminumJesus_29 Start: 20547, Stop: 21395, Start Num: 110

Candidate Starts for AluminumJesus_29:

(Start: 110 @20547 has 51 MA's), (139, 20610), (152, 20640), (172, 20703), (196, 20760), (202, 20772), (236, 20853), (269, 20961), (303, 21084), (306, 21102), (351, 21294),

Gene: Amo99_51 Start: 27881, Stop: 28627, Start Num: 116

Candidate Starts for Amo99_51:

(113, 27875), (Start: 116 @27881 has 85 MA's), (Start: 127 @27896 has 1 MA's), (175, 28031), (189, 28064), (192, 28067), (204, 28088), (210, 28097), (350, 28547), (370, 28598),

Gene: AnClar_20 Start: 17804, Stop: 18550, Start Num: 99

Candidate Starts for AnClar_20:

(Start: 74 @17750 has 3 MA's), (Start: 99 @17804 has 367 MA's), (Start: 107 @17822 has 20 MA's), (148, 17906), (Start: 164 @17945 has 12 MA's), (195, 18014), (199, 18023), (263, 18158), (268, 18173), (271, 18179), (284, 18212), (330, 18401), (333, 18410), (335, 18425), (338, 18437), (350, 18494), (361, 18527), (366, 18539), (368, 18542),

Gene: AnarQue_21 Start: 16990, Stop: 17733, Start Num: 92

Candidate Starts for AnarQue_21:

(29, 16657), (32, 16672), (Start: 92 @16990 has 8 MA's), (Start: 99 @17014 has 367 MA's), (Start: 107 @17032 has 20 MA's), (158, 17110), (160, 17116), (172, 17155), (210, 17224), (214, 17230), (263, 17341), (305, 17479), (317, 17524), (350, 17677), (355, 17692), (361, 17710),

Gene: Anderson_22 Start: 17057, Stop: 17794, Start Num: 99

Candidate Starts for Anderson_22:

(Start: 99 @17057 has 367 MA's), (158, 17171), (160, 17177), (Start: 164 @17186 has 12 MA's), (165, 17195), (214, 17291), (253, 17363), (255, 17369), (258, 17381), (275, 17432), (300, 17513), (306, 17546), (308, 17552), (329, 17633), (330, 17645), (335, 17669), (341, 17696), (350, 17738), (361, 17771), (368, 17786),

Gene: Andre_22 Start: 17055, Stop: 17792, Start Num: 99

Candidate Starts for Andre_22:

(Start: 99 @17055 has 367 MA's), (158, 17169), (160, 17175), (Start: 164 @17184 has 12 MA's), (165, 17193), (214, 17289), (253, 17361), (255, 17367), (258, 17379), (275, 17430), (300, 17511), (306, 17544), (308, 17550), (329, 17631), (330, 17643), (335, 17667), (341, 17694), (361, 17769), (368, 17784),

Gene: AngelCake_22 Start: 17067, Stop: 17807, Start Num: 99

Candidate Starts for AngelCake_22:

(Start: 99 @17067 has 367 MA's), (158, 17181), (160, 17187), (Start: 164 @17196 has 12 MA's), (165, 17205), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: Angelicage_25 Start: 21566, Stop: 22339, Start Num: 116

Candidate Starts for Angelicage_25:

(Start: 116 @21566 has 85 MA's), (139, 21614), (177, 21719), (249, 21860), (268, 21917), (285, 21962), (303, 22040), (306, 22058), (318, 22097), (330, 22154), (346, 22220), (381, 22322),

Gene: Antares_31 Start: 18205, Stop: 19119, Start Num: 71

Candidate Starts for Antares_31:

(Start: 71 @18205 has 42 MA's), (118, 18307), (175, 18451), (218, 18559), (228, 18586), (230, 18592), (269, 18721), (294, 18805), (323, 18916), (336, 18988), (340, 19006), (355, 19060),

Gene: Antihero_19 Start: 16591, Stop: 17403, Start Num: 74

Candidate Starts for Antihero_19:

(Start: 74 @16591 has 3 MA's), (82, 16612), (87, 16627), (Start: 99 @16660 has 367 MA's), (160, 16771), (163, 16777), (Start: 164 @16780 has 12 MA's), (177, 16825), (246, 16954), (260, 16999), (269, 17026), (277, 17050), (284, 17062), (292, 17092), (303, 17137), (308, 17161), (330, 17254), (341, 17305), (351, 17350), (355, 17362), (361, 17380), (368, 17395),

Gene: Antonia_21 Start: 16630, Stop: 17367, Start Num: 99

Candidate Starts for Antonia_21:

(Start: 99 @16630 has 367 MA's), (Start: 122 @16672 has 34 MA's), (158, 16744), (160, 16750), (Start: 164 @16759 has 12 MA's), (165, 16768), (214, 16864), (253, 16936), (255, 16942), (258, 16954), (275, 17005), (300, 17086), (306, 17119), (308, 17125), (329, 17206), (330, 17218), (335, 17242), (341, 17269), (361, 17344), (368, 17359),

Gene: Aonishiki_22 Start: 17085, Stop: 17822, Start Num: 99

Candidate Starts for Aonishiki_22:

(Start: 99 @17085 has 367 MA's), (158, 17199), (160, 17205), (Start: 164 @17214 has 12 MA's), (165, 17223), (214, 17319), (253, 17391), (255, 17397), (258, 17409), (275, 17460), (300, 17541), (306, 17574), (308, 17580), (329, 17661), (330, 17673), (335, 17697), (341, 17724), (350, 17766), (361, 17799), (368, 17814),

Gene: Apex_20 Start: 17873, Stop: 18616, Start Num: 99

Candidate Starts for Apex_20:

(Start: 99 @17873 has 367 MA's), (160, 17984), (163, 17990), (Start: 164 @17993 has 12 MA's), (177, 18038), (246, 18167), (253, 18185), (260, 18212), (269, 18239), (277, 18263), (284, 18275), (292, 18305), (303, 18350), (308, 18374), (314, 18395), (351, 18563), (355, 18575), (361, 18593), (368, 18608),

Gene: Apizium_21 Start: 16800, Stop: 17537, Start Num: 99

Candidate Starts for Apizium_21:

(Start: 99 @16800 has 367 MA's), (158, 16914), (160, 16920), (Start: 164 @16929 has 12 MA's), (165, 16938), (214, 17034), (253, 17106), (255, 17112), (258, 17124), (275, 17175), (300, 17256), (306, 17289), (308, 17295), (329, 17376), (330, 17388), (335, 17412), (341, 17439), (361, 17514), (368, 17529),

Gene: Arbiter_24 Start: 19385, Stop: 20002, Start Num: 161

Candidate Starts for Arbiter_24:

(Start: 93 @19217 has 34 MA's), (138, 19328), (155, 19364), (Start: 161 @19385 has 3 MA's), (163, 19388), (177, 19436), (193, 19472), (253, 19574), (260, 19601), (263, 19610), (269, 19628), (276, 19649), (303, 19742), (308, 19766), (314, 19787), (329, 19844), (330, 19856), (331, 19859), (338, 19889), (349, 19940), (366, 19991),

Gene: Ares_24 Start: 19133, Stop: 19918, Start Num: 93

Candidate Starts for Ares_24:

(Start: 93 @19133 has 34 MA's), (138, 19244), (155, 19280), (Start: 161 @19301 has 3 MA's), (163, 19304), (177, 19352), (193, 19388), (253, 19490), (260, 19517), (263, 19526), (269, 19544), (276, 19565), (303, 19658), (308, 19682), (314, 19703), (329, 19760), (330, 19772), (331, 19775), (338, 19805), (349, 19856), (366, 19907),

Gene: Argie_17 Start: 16825, Stop: 17562, Start Num: 101

Candidate Starts for Argie_17:

(Start: 101 @16825 has 8 MA's), (Start: 107 @16837 has 20 MA's), (Start: 164 @16960 has 12 MA's), (165, 16969), (184, 17026), (193, 17041), (201, 17056), (234, 17083), (241, 17104), (246, 17119), (253, 17137), (261, 17167), (263, 17173), (268, 17188), (303, 17302), (304, 17305), (311, 17338), (313, 17344), (314, 17347), (318, 17359), (330, 17416), (333, 17425), (335, 17440), (350, 17506), (355, 17521), (361, 17539), (368, 17554),

Gene: Ariadne_39 Start: 19895, Stop: 20809, Start Num: 71

Candidate Starts for Ariadne_39:

(44, 19730), (60, 19847), (Start: 71 @19895 has 42 MA's), (77, 19910), (118, 20000), (121, 20006), (170, 20126), (228, 20279), (230, 20285), (251, 20357), (270, 20417), (294, 20495), (300, 20516), (303, 20531), (306, 20549), (308, 20555), (323, 20606), (340, 20696), (345, 20711), (355, 20750),

(368, 20777),

Gene: Arri_26 Start: 16626, Stop: 17396, Start Num: 122

Candidate Starts for Arri_26:

(Start: 122 @16626 has 34 MA's), (139, 16668), (170, 16749), (177, 16773), (222, 16854), (253, 16929), (255, 16935), (260, 16956), (263, 16965), (276, 17004), (285, 17025), (320, 17166), (322, 17175), (336, 17247), (353, 17316), (381, 17379),

Gene: Artu_77 Start: 47865, Stop: 48554, Start Num: 164

Candidate Starts for Artu_77:

(Start: 164 @47865 has 12 MA's), (297, 48228), (316, 48306), (318, 48312), (326, 48339), (329, 48360), (339, 48411),

Gene: Ashertheman_27 Start: 20464, Stop: 21231, Start Num: 116

Candidate Starts for Ashertheman_27:

(Start: 116 @20464 has 85 MA's), (139, 20512), (163, 20569), (165, 20581), (249, 20758), (269, 20818), (285, 20860), (303, 20938), (306, 20956), (317, 20992), (330, 21052), (346, 21118),

Gene: Ashraf_21 Start: 16621, Stop: 17358, Start Num: 99

Candidate Starts for Ashraf_21:

(Start: 99 @16621 has 367 MA's), (158, 16735), (160, 16741), (Start: 164 @16750 has 12 MA's), (165, 16759), (214, 16855), (253, 16927), (255, 16933), (258, 16945), (275, 16996), (300, 17077), (306, 17110), (308, 17116), (329, 17197), (330, 17209), (335, 17233), (341, 17260), (361, 17335), (368, 17350),

Gene: Asis_17 Start: 17740, Stop: 18600, Start Num: 109

Candidate Starts for Asis_17:

(64, 17608), (Start: 109 @17740 has 14 MA's), (158, 17848), (226, 17995), (228, 18004), (232, 18019), (263, 18118), (266, 18124), (269, 18136), (270, 18139), (294, 18244), (297, 18253), (303, 18280), (310, 18313), (312, 18319), (335, 18424), (339, 18439), (343, 18454), (349, 18487), (355, 18508), (365, 18535), (368, 18541),

Gene: Athena_24 Start: 18502, Stop: 19242, Start Num: 107

Candidate Starts for Athena_24:

(Start: 73 @18409 has 11 MA's), (80, 18427), (Start: 99 @18484 has 367 MA's), (Start: 107 @18502 has 20 MA's), (163, 18622), (165, 18634), (200, 18718), (263, 18847), (269, 18865), (291, 18925), (304, 18982), (318, 19036), (335, 19117), (338, 19129), (343, 19147), (363, 19222),

Gene: Atuin_79 Start: 50510, Stop: 51199, Start Num: 164

Candidate Starts for Atuin_79:

(144, 50459), (Start: 164 @50510 has 12 MA's), (245, 50693), (253, 50717), (272, 50777), (297, 50873), (298, 50876), (316, 50951), (318, 50957), (326, 50984), (329, 51005), (339, 51056),

Gene: Audrey_23 Start: 17739, Stop: 18479, Start Num: 107

Candidate Starts for Audrey_23:

(Start: 73 @17646 has 11 MA's), (80, 17664), (Start: 99 @17721 has 367 MA's), (Start: 107 @17739 has 20 MA's), (163, 17859), (165, 17871), (200, 17955), (263, 18084), (269, 18102), (291, 18162), (304, 18219), (318, 18273), (335, 18354), (338, 18366), (343, 18384), (363, 18459),

Gene: Austelle_21 Start: 18329, Stop: 19072, Start Num: 99

Candidate Starts for Austelle_21:

(Start: 99 @18329 has 367 MA's), (160, 18440), (163, 18446), (Start: 164 @18449 has 12 MA's), (177, 18494), (246, 18623), (253, 18641), (260, 18668), (269, 18695), (277, 18719), (284, 18731), (292,

18761), (303, 18806), (308, 18830), (314, 18851), (351, 19019), (355, 19031), (361, 19049), (368, 19064),

Gene: Axumite_19 Start: 15569, Stop: 16345, Start Num: 88

Candidate Starts for Axumite_19:

(Start: 88 @15569 has 3 MA's), (Start: 99 @15599 has 367 MA's), (Start: 107 @15617 has 20 MA's), (Start: 116 @15632 has 85 MA's), (199, 15818), (263, 15953), (268, 15968), (284, 16007), (330, 16196), (333, 16205), (335, 16220), (338, 16232), (350, 16289), (355, 16304), (368, 16337),

Gene: BabyDotz_30 Start: 20815, Stop: 21663, Start Num: 110

Candidate Starts for BabyDotz_30:

(Start: 110 @20815 has 51 MA's), (139, 20878), (152, 20908), (172, 20971), (196, 21028), (202, 21040), (236, 21121), (269, 21229), (303, 21352), (306, 21370), (359, 21589),

Gene: BabyGotBac_17 Start: 17740, Stop: 18600, Start Num: 109

Candidate Starts for BabyGotBac_17:

(64, 17608), (Start: 109 @17740 has 14 MA's), (158, 17848), (226, 17995), (228, 18004), (232, 18019), (263, 18118), (266, 18124), (269, 18136), (270, 18139), (294, 18244), (297, 18253), (303, 18280), (310, 18313), (312, 18319), (335, 18424), (339, 18439), (343, 18454), (349, 18487), (355, 18508), (365, 18535), (368, 18541),

Gene: BaconCheese_34 Start: 22064, Stop: 22912, Start Num: 110

Candidate Starts for BaconCheese_34:

(Start: 110 @22064 has 51 MA's), (139, 22127), (152, 22157), (172, 22220), (196, 22277), (202, 22289), (236, 22370), (269, 22478), (303, 22601), (306, 22619), (359, 22838),

Gene: Baddon_26 Start: 21276, Stop: 22043, Start Num: 116

Candidate Starts for Baddon_26:

(Start: 116 @21276 has 85 MA's), (139, 21324), (163, 21381), (165, 21393), (249, 21570), (269, 21630), (285, 21672), (303, 21750), (306, 21768), (317, 21804), (330, 21864), (346, 21930), (377, 22023),

Gene: Badfish_22 Start: 17089, Stop: 17826, Start Num: 99

Candidate Starts for Badfish_22:

(Start: 99 @17089 has 367 MA's), (158, 17203), (160, 17209), (Start: 164 @17218 has 12 MA's), (165, 17227), (214, 17323), (253, 17395), (255, 17401), (258, 17413), (275, 17464), (300, 17545), (306, 17578), (308, 17584), (329, 17665), (330, 17677), (335, 17701), (341, 17728), (350, 17770), (361, 17803), (368, 17818),

Gene: Bae_21 Start: 17557, Stop: 18312, Start Num: 99

Candidate Starts for Bae_21:

(Start: 99 @17557 has 367 MA's), (141, 17635), (163, 17683), (175, 17725), (251, 17878), (260, 17908), (273, 17944), (284, 17971), (288, 17983), (294, 18010), (308, 18070), (338, 18199), (341, 18214), (350, 18256), (368, 18304),

Gene: Bakery_24 Start: 15814, Stop: 16584, Start Num: 122

Candidate Starts for Bakery_24:

(Start: 122 @15814 has 34 MA's), (170, 15937), (177, 15961), (253, 16117), (255, 16123), (263, 16153), (353, 16504), (381, 16567),

Gene: Baloo_23 Start: 17718, Stop: 18476, Start Num: 99

Candidate Starts for Baloo_23:

(Start: 73 @17643 has 11 MA's), (80, 17661), (Start: 99 @17718 has 367 MA's), (Start: 107 @17736 has 20 MA's), (163, 17856), (165, 17868), (200, 17952), (263, 18081), (269, 18099), (291, 18159), (304, 18216), (318, 18270), (335, 18351), (338, 18363), (343, 18381), (363, 18456),

Gene: Bananafish_24 Start: 19126, Stop: 19911, Start Num: 93

Candidate Starts for Bananafish_24:

(Start: 93 @19126 has 34 MA's), (138, 19237), (155, 19273), (Start: 161 @19294 has 3 MA's), (163, 19297), (177, 19345), (193, 19381), (253, 19483), (260, 19510), (263, 19519), (269, 19537), (276, 19558), (303, 19651), (308, 19675), (314, 19696), (329, 19753), (330, 19765), (331, 19768), (338, 19798), (349, 19849), (366, 19900),

Gene: Banjo_21 Start: 16766, Stop: 17503, Start Num: 99

Candidate Starts for Banjo_21:

(Start: 99 @16766 has 367 MA's), (Start: 122 @16808 has 34 MA's), (158, 16880), (160, 16886), (Start: 164 @16895 has 12 MA's), (165, 16904), (214, 17000), (253, 17072), (255, 17078), (258, 17090), (275, 17141), (300, 17222), (306, 17255), (308, 17261), (329, 17342), (330, 17354), (335, 17378), (341, 17405), (361, 17480), (368, 17495),

Gene: Barb_25 Start: 16659, Stop: 17429, Start Num: 122

Candidate Starts for Barb_25:

(Start: 122 @16659 has 34 MA's), (139, 16701), (170, 16782), (222, 16887), (253, 16962), (255, 16968), (260, 16989), (263, 16998), (276, 17037), (320, 17199), (353, 17349), (355, 17355), (381, 17412),

Gene: Barsten_27 Start: 20990, Stop: 21763, Start Num: 116

Candidate Starts for Barsten_27:

(Start: 116 @20990 has 85 MA's), (139, 21038), (177, 21143), (200, 21194), (253, 21290), (268, 21341), (285, 21386), (303, 21464), (306, 21482), (318, 21521), (346, 21644), (381, 21746),

Gene: Basato_23 Start: 17291, Stop: 18028, Start Num: 99

Candidate Starts for Basato_23:

(Start: 99 @17291 has 367 MA's), (Start: 122 @17333 has 34 MA's), (158, 17405), (160, 17411), (Start: 164 @17420 has 12 MA's), (165, 17429), (214, 17525), (253, 17597), (255, 17603), (258, 17615), (275, 17666), (300, 17747), (306, 17780), (308, 17786), (329, 17867), (330, 17879), (335, 17903), (341, 17930), (350, 17972), (361, 18005), (368, 18020),

Gene: BatteryCK_21 Start: 16623, Stop: 17360, Start Num: 99

Candidate Starts for BatteryCK_21:

(Start: 99 @16623 has 367 MA's), (158, 16737), (160, 16743), (Start: 164 @16752 has 12 MA's), (165, 16761), (214, 16857), (253, 16929), (255, 16935), (258, 16947), (275, 16998), (300, 17079), (306, 17112), (308, 17118), (329, 17199), (330, 17211), (335, 17235), (341, 17262), (361, 17337), (368, 17352),

Gene: Baumdotcom_26 Start: 20079, Stop: 20846, Start Num: 116

Candidate Starts for Baumdotcom_26:

(Start: 116 @20079 has 85 MA's), (139, 20127), (163, 20184), (165, 20196), (249, 20373), (269, 20433), (285, 20475), (303, 20553), (306, 20571), (317, 20607), (330, 20667), (346, 20733),

Gene: BayC_17 Start: 17740, Stop: 18600, Start Num: 109

Candidate Starts for BayC_17:

(64, 17608), (Start: 109 @17740 has 14 MA's), (158, 17848), (226, 17995), (228, 18004), (232, 18019), (263, 18118), (266, 18124), (269, 18136), (270, 18139), (294, 18244), (297, 18253), (303, 18280), (310, 18313), (312, 18319), (335, 18424), (339, 18439), (343, 18454), (349, 18487), (355, 18508),

(365, 18535), (368, 18541),

Gene: Beagle_32 Start: 19188, Stop: 19814, Start Num: 146

Candidate Starts for Beagle_32:

(Start: 146 @19188 has 19 MA's), (180, 19281), (258, 19377), (277, 19437), (300, 19485), (314, 19545), (317, 19554), (336, 19656), (347, 19698), (349, 19707), (378, 19779),

Gene: BeagleBug_30 Start: 17986, Stop: 18900, Start Num: 71

Candidate Starts for BeagleBug_30:

(Start: 71 @17986 has 42 MA's), (118, 18088), (175, 18232), (218, 18340), (228, 18367), (230, 18373), (269, 18502), (294, 18586), (323, 18697), (336, 18769), (340, 18787), (355, 18841),

Gene: Beaglebox_21 Start: 16786, Stop: 17523, Start Num: 99

Candidate Starts for Beaglebox_21:

(Start: 99 @16786 has 367 MA's), (158, 16900), (160, 16906), (Start: 164 @16915 has 12 MA's), (165, 16924), (214, 17020), (253, 17092), (255, 17098), (258, 17110), (275, 17161), (300, 17242), (306, 17275), (308, 17281), (329, 17362), (330, 17374), (335, 17398), (341, 17425), (350, 17467), (361, 17500), (368, 17515),

Gene: Belphegor_25 Start: 20523, Stop: 21317, Start Num: 116

Candidate Starts for Belphegor_25:

(Start: 116 @20523 has 85 MA's), (150, 20595), (177, 20676), (213, 20736), (224, 20754), (226, 20757), (271, 20901), (285, 20940), (307, 21039), (330, 21132), (331, 21135), (346, 21198), (359, 21252), (368, 21270), (373, 21285), (380, 21297),

Gene: Ben11_22 Start: 17468, Stop: 18301, Start Num: 73

Candidate Starts for Ben11_22:

(Start: 73 @17468 has 11 MA's), (80, 17486), (Start: 99 @17543 has 367 MA's), (Start: 107 @17561 has 20 MA's), (163, 17681), (165, 17693), (200, 17777), (263, 17906), (269, 17924), (291, 17984), (304, 18041), (318, 18095), (335, 18176), (338, 18188), (343, 18206), (363, 18281),

Gene: Bernardo_23 Start: 17736, Stop: 18476, Start Num: 107

Candidate Starts for Bernardo_23:

(Start: 73 @17643 has 11 MA's), (80, 17661), (Start: 99 @17718 has 367 MA's), (Start: 107 @17736 has 20 MA's), (163, 17856), (165, 17868), (200, 17952), (263, 18081), (269, 18099), (291, 18159), (304, 18216), (318, 18270), (335, 18351), (338, 18363), (343, 18381), (363, 18456),

Gene: BetaFish_31 Start: 19391, Stop: 20008, Start Num: 146

Candidate Starts for BetaFish_31:

(117, 19334), (Start: 146 @19391 has 19 MA's), (180, 19484), (258, 19580), (277, 19640), (300, 19688), (314, 19748), (317, 19757), (336, 19850), (347, 19892), (349, 19901), (378, 19973),

Gene: Bibwit_26 Start: 21177, Stop: 21950, Start Num: 116

Candidate Starts for Bibwit_26:

(Start: 116 @21177 has 85 MA's), (139, 21225), (163, 21282), (177, 21330), (253, 21477), (268, 21528), (285, 21573), (303, 21651), (306, 21669), (318, 21708), (330, 21765), (346, 21831), (381, 21933),

Gene: Big4_80 Start: 47859, Stop: 48611, Start Num: 143

Candidate Starts for Big4_80:

(Start: 143 @47859 has 7 MA's), (171, 47940), (208, 48030), (278, 48204), (313, 48348), (318, 48363), (337, 48459), (348, 48510), (350, 48519), (372, 48576),

Gene: BigHunkinEater_29 Start: 20284, Stop: 21075, Start Num: 116

Candidate Starts for BigHunkinEater_29:

(Start: 116 @20284 has 85 MA's), (165, 20401), (170, 20413), (177, 20437), (285, 20704), (292, 20734), (318, 20839), (330, 20896), (336, 20926), (346, 20962), (353, 20995), (368, 21034),

Gene: BiggityBass_19 Start: 17886, Stop: 18638, Start Num: 95

Candidate Starts for BiggityBass_19:

(72, 17835), (Start: 95 @17886 has 1 MA's), (Start: 99 @17892 has 367 MA's), (147, 17991), (148, 17994), (199, 18111), (263, 18246), (268, 18261), (284, 18300), (333, 18498), (335, 18513), (338, 18525), (350, 18582), (361, 18615), (366, 18627), (368, 18630), (370, 18633),

Gene: BirdInFrench_30 Start: 19494, Stop: 20336, Start Num: 110

Candidate Starts for BirdInFrench_30:

(103, 19479), (Start: 110 @19494 has 51 MA's), (139, 19560), (152, 19590), (196, 19710), (236, 19803), (265, 19896), (294, 19998), (303, 20031), (310, 20064), (340, 20187), (351, 20235), (368, 20280),

Gene: BirdsNest_25 Start: 17129, Stop: 17878, Start Num: 99

Candidate Starts for BirdsNest_25:

(Start: 99 @17129 has 367 MA's), (Start: 164 @17258 has 12 MA's), (205, 17351), (263, 17480), (269, 17498), (276, 17519), (303, 17609), (308, 17633), (330, 17729), (341, 17780), (361, 17855), (368, 17870),

Gene: Bishoperium_21 Start: 16772, Stop: 17509, Start Num: 99

Candidate Starts for Bishoperium_21:

(Start: 99 @16772 has 367 MA's), (Start: 122 @16814 has 34 MA's), (158, 16886), (160, 16892), (Start: 164 @16901 has 12 MA's), (165, 16910), (214, 17006), (253, 17078), (255, 17084), (258, 17096), (275, 17147), (300, 17228), (306, 17261), (308, 17267), (329, 17348), (330, 17360), (335, 17384), (341, 17411), (361, 17486), (368, 17501),

Gene: Bizzy_27 Start: 20423, Stop: 21190, Start Num: 116

Candidate Starts for Bizzy_27:

(Start: 116 @20423 has 85 MA's), (139, 20471), (163, 20528), (165, 20540), (249, 20717), (269, 20777), (285, 20819), (303, 20897), (306, 20915), (317, 20951), (330, 21011), (346, 21077), (377, 21170),

Gene: Blab_29 Start: 20472, Stop: 21320, Start Num: 110

Candidate Starts for Blab_29:

(Start: 110 @20472 has 51 MA's), (136, 20526), (139, 20535), (152, 20565), (172, 20628), (196, 20685), (202, 20697), (236, 20778), (269, 20886), (303, 21009), (306, 21027), (351, 21219),

Gene: BlackStallion_22 Start: 17077, Stop: 17814, Start Num: 99

Candidate Starts for BlackStallion_22:

(Start: 99 @17077 has 367 MA's), (158, 17191), (160, 17197), (Start: 164 @17206 has 12 MA's), (165, 17215), (214, 17311), (253, 17383), (255, 17389), (258, 17401), (275, 17452), (300, 17533), (306, 17566), (308, 17572), (329, 17653), (330, 17665), (335, 17689), (341, 17716), (350, 17758), (361, 17791), (368, 17806),

Gene: Blackpen_21 Start: 16408, Stop: 17151, Start Num: 92

Candidate Starts for Blackpen_21:

(Start: 92 @16408 has 8 MA's), (Start: 99 @16432 has 367 MA's), (Start: 107 @16450 has 20 MA's), (158, 16528), (160, 16534), (172, 16573), (210, 16642), (214, 16648), (263, 16759), (305, 16897), (350, 17095), (355, 17110), (361, 17128),

Gene: BlacksBerry_21 Start: 16781, Stop: 17518, Start Num: 99

Candidate Starts for BlacksBerry_21:

(Start: 99 @16781 has 367 MA's), (158, 16895), (160, 16901), (Start: 164 @16910 has 12 MA's), (165, 16919), (214, 17015), (253, 17087), (255, 17093), (258, 17105), (275, 17156), (300, 17237), (306, 17270), (308, 17276), (329, 17357), (330, 17369), (335, 17393), (341, 17420), (361, 17495), (368, 17510),

Gene: Blocker23_24 Start: 19250, Stop: 20035, Start Num: 93

Candidate Starts for Blocker23_24:

(Start: 93 @19250 has 34 MA's), (138, 19361), (155, 19397), (Start: 161 @19418 has 3 MA's), (163, 19421), (177, 19469), (193, 19505), (253, 19607), (260, 19634), (263, 19643), (269, 19661), (276, 19682), (303, 19775), (308, 19799), (314, 19820), (329, 19877), (330, 19889), (331, 19892), (338, 19922), (349, 19973), (366, 20024),

Gene: Bloom_88 Start: 51920, Stop: 52609, Start Num: 164

Candidate Starts for Bloom_88:

(Start: 164 @51920 has 12 MA's), (250, 52118), (277, 52205), (281, 52217), (286, 52238), (290, 52256), (294, 52274), (300, 52295), (307, 52331), (321, 52379), (326, 52394), (338, 52463), (339, 52466),

Gene: BlueHusk_22 Start: 16573, Stop: 17310, Start Num: 99

Candidate Starts for BlueHusk_22:

(Start: 99 @16573 has 367 MA's), (Start: 122 @16615 has 34 MA's), (158, 16687), (160, 16693), (Start: 164 @16702 has 12 MA's), (165, 16711), (214, 16807), (253, 16879), (255, 16885), (258, 16897), (275, 16948), (300, 17029), (306, 17062), (308, 17068), (329, 17149), (330, 17161), (335, 17185), (341, 17212), (361, 17287), (368, 17302),

Gene: BlueNGold_90 Start: 48158, Stop: 48796, Start Num: 188

Candidate Starts for BlueNGold_90:

(Start: 188 @48158 has 5 MA's), (217, 48212), (250, 48287), (273, 48359), (311, 48503), (323, 48542), (330, 48584), (331, 48587), (336, 48614), (338, 48620), (352, 48683), (360, 48707), (368, 48725),

Gene: Bluephacebaby_21 Start: 16772, Stop: 17509, Start Num: 99

Candidate Starts for Bluephacebaby_21:

(Start: 99 @16772 has 367 MA's), (Start: 122 @16814 has 34 MA's), (158, 16886), (160, 16892), (Start: 164 @16901 has 12 MA's), (165, 16910), (214, 17006), (253, 17078), (255, 17084), (258, 17096), (275, 17147), (300, 17228), (306, 17261), (308, 17267), (329, 17348), (330, 17360), (335, 17384), (341, 17411), (361, 17486), (368, 17501),

Gene: BobBob_24 Start: 20455, Stop: 21228, Start Num: 116

Candidate Starts for BobBob_24:

(Start: 116 @20455 has 85 MA's), (139, 20503), (163, 20560), (177, 20608), (232, 20698), (253, 20755), (268, 20806), (285, 20851), (303, 20929), (306, 20947), (318, 20986), (330, 21043), (346, 21109), (381, 21211),

Gene: BobRoss2024_18 Start: 15379, Stop: 16110, Start Num: 99

Candidate Starts for BobRoss2024_18:

(Start: 99 @15379 has 367 MA's), (Start: 107 @15397 has 20 MA's), (Start: 116 @15412 has 85 MA's), (158, 15475), (210, 15595), (335, 15985), (350, 16054), (366, 16099),

Gene: BobbyK_20 Start: 17692, Stop: 18435, Start Num: 99

Candidate Starts for BobbyK_20:

(Start: 99 @17692 has 367 MA's), (160, 17803), (163, 17809), (Start: 164 @17812 has 12 MA's), (177, 17857), (246, 17986), (253, 18004), (260, 18031), (269, 18058), (277, 18082), (284, 18094), (292, 18124), (303, 18169), (308, 18193), (351, 18382), (355, 18394), (361, 18412), (368, 18427),

Gene: Boehler_22 Start: 17082, Stop: 17819, Start Num: 99

Candidate Starts for Boehler_22:

(Start: 99 @17082 has 367 MA's), (Start: 122 @17124 has 34 MA's), (158, 17196), (160, 17202), (Start: 164 @17211 has 12 MA's), (165, 17220), (214, 17316), (253, 17388), (255, 17394), (258, 17406), (275, 17457), (300, 17538), (306, 17571), (308, 17577), (329, 17658), (330, 17670), (335, 17694), (341, 17721), (361, 17796), (368, 17811),

Gene: Boise_22 Start: 17569, Stop: 18318, Start Num: 142

Candidate Starts for Boise_22:

(Start: 142 @17569 has 1 MA's), (159, 17614), (178, 17671), (202, 17719), (218, 17752), (237, 17800), (258, 17869), (268, 17902), (274, 17917), (277, 17929), (286, 17950), (343, 18175), (354, 18226), (355, 18229), (363, 18250),

Gene: BooTeria_81 Start: 47933, Stop: 48622, Start Num: 164

Candidate Starts for BooTeria_81:

(Start: 164 @47933 has 12 MA's), (297, 48296), (316, 48374), (318, 48380), (326, 48407), (329, 48428), (339, 48479),

Gene: BoogieWoogie_21 Start: 16759, Stop: 17496, Start Num: 99

Candidate Starts for BoogieWoogie_21:

(Start: 99 @16759 has 367 MA's), (158, 16873), (160, 16879), (Start: 164 @16888 has 12 MA's), (165, 16897), (214, 16993), (253, 17065), (255, 17071), (258, 17083), (275, 17134), (300, 17215), (306, 17248), (308, 17254), (329, 17335), (330, 17347), (335, 17371), (341, 17398), (361, 17473), (368, 17488),

Gene: Boopy_91 Start: 48170, Stop: 48808, Start Num: 188

Candidate Starts for Boopy_91:

(Start: 188 @48170 has 5 MA's), (217, 48224), (250, 48299), (273, 48371), (311, 48515), (323, 48554), (330, 48596), (331, 48599), (336, 48626), (338, 48632), (352, 48695), (360, 48719), (368, 48737),

Gene: Boyle_24 Start: 19251, Stop: 20036, Start Num: 93

Candidate Starts for Boyle_24:

(Start: 93 @19251 has 34 MA's), (138, 19362), (155, 19398), (Start: 161 @19419 has 3 MA's), (163, 19422), (177, 19470), (193, 19506), (253, 19608), (260, 19635), (263, 19644), (269, 19662), (276, 19683), (303, 19776), (308, 19800), (314, 19821), (329, 19878), (330, 19890), (331, 19893), (338, 19923), (349, 19974), (366, 20025),

Gene: Brandonk123_28 Start: 21524, Stop: 22297, Start Num: 116

Candidate Starts for Brandonk123_28:

(Start: 116 @21524 has 85 MA's), (139, 21572), (177, 21677), (253, 21824), (268, 21875), (285, 21920), (303, 21998), (306, 22016), (318, 22055), (330, 22112), (346, 22178), (381, 22280),

Gene: Brawn1_23 Start: 20341, Stop: 21114, Start Num: 116

Candidate Starts for Brawn1_23:

(Start: 116 @20341 has 85 MA's), (139, 20389), (177, 20494), (253, 20641), (285, 20737), (303, 20815), (306, 20833), (318, 20872), (346, 20995), (381, 21097),

Gene: BrazzalePHS_30 Start: 18000, Stop: 18914, Start Num: 71

Candidate Starts for BrazzalePHS_30:

(Start: 71 @18000 has 42 MA's), (118, 18102), (175, 18246), (218, 18354), (228, 18381), (230, 18387), (269, 18516), (294, 18600), (323, 18711), (336, 18783), (340, 18801), (355, 18855),

Gene: Briakila_23 Start: 18486, Stop: 19244, Start Num: 99

Candidate Starts for Briakila_23:

(Start: 73 @18411 has 11 MA's), (80, 18429), (Start: 99 @18486 has 367 MA's), (Start: 107 @18504 has 20 MA's), (163, 18624), (165, 18636), (200, 18720), (263, 18849), (269, 18867), (291, 18927), (304, 18984), (318, 19038), (335, 19119), (338, 19131), (343, 19149), (363, 19224),

Gene: Brilliant_22 Start: 16777, Stop: 17514, Start Num: 99

Candidate Starts for Brilliant_22:

(Start: 99 @16777 has 367 MA's), (158, 16891), (160, 16897), (Start: 164 @16906 has 12 MA's), (165, 16915), (214, 17011), (253, 17083), (255, 17089), (258, 17101), (275, 17152), (300, 17233), (306, 17266), (308, 17272), (329, 17353), (330, 17365), (335, 17389), (341, 17416), (361, 17491), (368, 17506),

Gene: BrownCNA_21 Start: 17944, Stop: 18687, Start Num: 99

Candidate Starts for BrownCNA_21:

(Start: 99 @17944 has 367 MA's), (160, 18055), (163, 18061), (177, 18109), (246, 18238), (260, 18283), (269, 18310), (277, 18334), (284, 18346), (292, 18376), (303, 18421), (308, 18445), (335, 18562), (341, 18589), (351, 18634), (355, 18646), (361, 18664), (368, 18679),

Gene: Brownie5_24 Start: 19250, Stop: 20035, Start Num: 93

Candidate Starts for Brownie5_24:

(Start: 93 @19250 has 34 MA's), (138, 19361), (155, 19397), (Start: 161 @19418 has 3 MA's), (163, 19421), (177, 19469), (193, 19505), (253, 19607), (260, 19634), (263, 19643), (269, 19661), (276, 19682), (303, 19775), (308, 19799), (314, 19820), (329, 19877), (330, 19889), (331, 19892), (338, 19922), (349, 19973), (366, 20024),

Gene: BruhMoment_26 Start: 18674, Stop: 19393, Start Num: 146

Candidate Starts for BruhMoment_26:

(124, 18626), (Start: 146 @18674 has 19 MA's), (151, 18686), (260, 18971), (263, 18980), (266, 18986), (269, 18998), (293, 19076), (317, 19148), (330, 19211), (333, 19220), (338, 19247), (343, 19259), (349, 19292), (376, 19361), (387, 19379), (388, 19382),

Gene: Buckeye_22 Start: 17096, Stop: 17833, Start Num: 99

Candidate Starts for Buckeye_22:

(Start: 99 @17096 has 367 MA's), (158, 17210), (160, 17216), (Start: 164 @17225 has 12 MA's), (165, 17234), (214, 17330), (253, 17402), (255, 17408), (258, 17420), (275, 17471), (300, 17552), (306, 17585), (308, 17591), (329, 17672), (330, 17684), (335, 17708), (341, 17735), (350, 17777), (361, 17810), (368, 17825),

Gene: Burr_21 Start: 16771, Stop: 17508, Start Num: 99

Candidate Starts for Burr_21:

(Start: 99 @16771 has 367 MA's), (158, 16885), (160, 16891), (Start: 164 @16900 has 12 MA's), (165, 16909), (214, 17005), (253, 17077), (255, 17083), (258, 17095), (275, 17146), (300, 17227), (306, 17260), (308, 17266), (329, 17347), (330, 17359), (335, 17383), (341, 17410), (350, 17452), (361, 17485), (368, 17500),

Gene: Busephilis_30 Start: 17935, Stop: 18849, Start Num: 71

Candidate Starts for Busephilis_30:

(Start: 71 @17935 has 42 MA's), (Start: 75 @17947 has 4 MA's), (118, 18037), (175, 18181), (218, 18289), (228, 18316), (230, 18322), (269, 18451), (294, 18535), (323, 18646), (336, 18718), (340,

18736), (355, 18790),

Gene: CRB2_24 Start: 19413, Stop: 20183, Start Num: 99

Candidate Starts for CRB2_24:

(Start: 99 @19413 has 367 MA's), (163, 19551), (Start: 164 @19554 has 12 MA's), (177, 19599), (205, 19656), (260, 19776), (263, 19785), (294, 19878), (303, 19914), (335, 20058), (341, 20085), (368, 20175),

Gene: CaiB_21 Start: 16976, Stop: 17719, Start Num: 92

Candidate Starts for CaiB_21:

(Start: 92 @16976 has 8 MA's), (Start: 99 @17000 has 367 MA's), (Start: 107 @17018 has 20 MA's), (158, 17096), (160, 17102), (172, 17141), (210, 17210), (214, 17216), (263, 17327), (305, 17465), (350, 17663), (355, 17678), (361, 17696),

Gene: Calamitous_24 Start: 19130, Stop: 19915, Start Num: 93

Candidate Starts for Calamitous_24:

(Start: 93 @19130 has 34 MA's), (138, 19241), (155, 19277), (Start: 161 @19298 has 3 MA's), (163, 19301), (177, 19349), (193, 19385), (253, 19487), (260, 19514), (263, 19523), (269, 19541), (276, 19562), (303, 19655), (308, 19679), (314, 19700), (329, 19757), (330, 19769), (331, 19772), (338, 19802), (349, 19853), (366, 19904),

Gene: CamL_22 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for CamL_22:

(Start: 99 @17070 has 367 MA's), (Start: 122 @17112 has 34 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: CampRoach_22 Start: 17063, Stop: 17800, Start Num: 99

Candidate Starts for CampRoach_22:

(Start: 99 @17063 has 367 MA's), (158, 17177), (160, 17183), (Start: 164 @17192 has 12 MA's), (165, 17201), (214, 17297), (253, 17369), (255, 17375), (258, 17387), (275, 17438), (300, 17519), (306, 17552), (308, 17558), (329, 17639), (330, 17651), (335, 17675), (341, 17702), (350, 17744), (361, 17777), (368, 17792),

Gene: CandC_29 Start: 19185, Stop: 20030, Start Num: 110

Candidate Starts for CandC_29:

(Start: 110 @19185 has 51 MA's), (139, 19251), (152, 19281), (196, 19401), (236, 19494), (265, 19587), (294, 19689), (295, 19692), (310, 19755), (351, 19926), (368, 19971),

Gene: Cannibal_22 Start: 17056, Stop: 17793, Start Num: 99

Candidate Starts for Cannibal_22:

(Start: 99 @17056 has 367 MA's), (158, 17170), (160, 17176), (Start: 164 @17185 has 12 MA's), (165, 17194), (214, 17290), (253, 17362), (255, 17368), (258, 17380), (275, 17431), (300, 17512), (306, 17545), (308, 17551), (329, 17632), (330, 17644), (335, 17668), (341, 17695), (350, 17737), (361, 17770), (368, 17785),

Gene: Carthage_20 Start: 15982, Stop: 16719, Start Num: 99

Candidate Starts for Carthage_20:

(Start: 99 @15982 has 367 MA's), (158, 16096), (160, 16102), (Start: 164 @16111 has 12 MA's), (165, 16120), (214, 16216), (253, 16288), (255, 16294), (258, 16306), (275, 16357), (300, 16438), (306, 16471), (308, 16477), (330, 16570), (335, 16594), (341, 16621), (361, 16696), (368, 16711),

Gene: Casbah_22 Start: 17573, Stop: 18331, Start Num: 99

Candidate Starts for Casbah_22:

(Start: 73 @17498 has 11 MA's), (80, 17516), (Start: 99 @17573 has 367 MA's), (Start: 107 @17591 has 20 MA's), (163, 17711), (165, 17723), (200, 17807), (263, 17936), (269, 17954), (291, 18014), (304, 18071), (318, 18125), (335, 18206), (338, 18218), (343, 18236), (363, 18311),

Gene: Casend_32 Start: 21224, Stop: 22072, Start Num: 110

Candidate Starts for Casend_32:

(Start: 110 @21224 has 51 MA's), (139, 21287), (152, 21317), (172, 21380), (196, 21437), (202, 21449), (236, 21530), (269, 21638), (303, 21761), (306, 21779), (351, 21971),

Gene: Caspiboi_21 Start: 16777, Stop: 17514, Start Num: 99

Candidate Starts for Caspiboi_21:

(Start: 99 @16777 has 367 MA's), (158, 16891), (160, 16897), (Start: 164 @16906 has 12 MA's), (165, 16915), (214, 17011), (253, 17083), (255, 17089), (258, 17101), (275, 17152), (300, 17233), (306, 17266), (308, 17272), (329, 17353), (330, 17365), (335, 17389), (341, 17416), (361, 17491), (368, 17506),

Gene: Caterpie_18 Start: 14859, Stop: 15617, Start Num: 96

Candidate Starts for Caterpie_18:

(Start: 96 @14859 has 4 MA's), (100, 14868), (Start: 122 @14910 has 34 MA's), (128, 14919), (162, 15003), (165, 15015), (172, 15036), (201, 15102), (246, 15168), (251, 15183), (253, 15186), (258, 15204), (261, 15216), (311, 15387), (317, 15405), (346, 15537), (349, 15555), (352, 15567), (355, 15576), (368, 15609),

Gene: Causa_28 Start: 20062, Stop: 20874, Start Num: 99

Candidate Starts for Causa_28:

(Start: 99 @20062 has 367 MA's), (147, 20167), (156, 20185), (193, 20290), (197, 20296), (203, 20308), (218, 20338), (244, 20404), (303, 20611), (314, 20656), (333, 20737), (335, 20752), (340, 20773), (361, 20851),

Gene: Cece_74 Start: 43934, Stop: 44686, Start Num: 143

Candidate Starts for Cece_74:

(Start: 143 @43934 has 7 MA's), (225, 44132), (248, 44186), (257, 44216), (313, 44423), (318, 44438), (320, 44444), (330, 44501), (333, 44510), (335, 44525), (349, 44588), (350, 44594), (362, 44630), (372, 44651),

Gene: Cepens_16 Start: 16549, Stop: 17286, Start Num: 101

Candidate Starts for Cepens_16:

(Start: 101 @16549 has 8 MA's), (Start: 107 @16561 has 20 MA's), (Start: 164 @16684 has 12 MA's), (165, 16693), (184, 16750), (193, 16765), (201, 16780), (241, 16828), (246, 16843), (251, 16858), (253, 16861), (261, 16891), (263, 16897), (268, 16912), (289, 16972), (303, 17026), (304, 17029), (311, 17062), (313, 17068), (314, 17071), (318, 17083), (330, 17140), (333, 17149), (335, 17164), (350, 17230), (355, 17245), (361, 17263), (368, 17278),

Gene: ChaChing_23 Start: 17736, Stop: 18494, Start Num: 99

Candidate Starts for ChaChing_23:

(Start: 73 @17661 has 11 MA's), (80, 17679), (Start: 99 @17736 has 367 MA's), (Start: 107 @17754 has 20 MA's), (163, 17874), (165, 17886), (200, 17970), (263, 18099), (269, 18117), (291, 18177), (304, 18234), (318, 18288), (335, 18369), (338, 18381), (343, 18399), (363, 18474),

Gene: ChadMasterC_27 Start: 22182, Stop: 22955, Start Num: 116

Candidate Starts for ChadMasterC_27:

(Start: 116 @22182 has 85 MA's), (139, 22230), (163, 22287), (177, 22335), (253, 22482), (268, 22533), (285, 22578), (303, 22656), (306, 22674), (318, 22713), (346, 22836), (381, 22938),

Gene: Chaelin_21 Start: 16739, Stop: 17476, Start Num: 99

Candidate Starts for Chaelin_21:

(Start: 99 @16739 has 367 MA's), (158, 16853), (160, 16859), (Start: 164 @16868 has 12 MA's), (165, 16877), (214, 16973), (253, 17045), (255, 17051), (258, 17063), (275, 17114), (300, 17195), (306, 17228), (308, 17234), (329, 17315), (330, 17327), (335, 17351), (341, 17378), (350, 17420), (361, 17453), (368, 17468),

Gene: Chah_23 Start: 17090, Stop: 17827, Start Num: 99

Candidate Starts for Chah_23:

(Start: 99 @17090 has 367 MA's), (Start: 122 @17132 has 34 MA's), (158, 17204), (160, 17210), (Start: 164 @17219 has 12 MA's), (165, 17228), (214, 17324), (253, 17396), (255, 17402), (258, 17414), (275, 17465), (300, 17546), (306, 17579), (308, 17585), (329, 17666), (330, 17678), (335, 17702), (341, 17729), (361, 17804), (368, 17819),

Gene: Chalmers_23 Start: 18527, Stop: 19285, Start Num: 99

Candidate Starts for Chalmers_23:

(Start: 73 @18452 has 11 MA's), (80, 18470), (Start: 99 @18527 has 367 MA's), (Start: 107 @18545 has 20 MA's), (163, 18665), (165, 18677), (200, 18761), (263, 18890), (269, 18908), (291, 18968), (304, 19025), (318, 19079), (335, 19160), (338, 19172), (343, 19190), (363, 19265),

Gene: Chandler_23 Start: 18513, Stop: 19253, Start Num: 107

Candidate Starts for Chandler_23:

(Start: 73 @18420 has 11 MA's), (80, 18438), (Start: 99 @18495 has 367 MA's), (Start: 107 @18513 has 20 MA's), (163, 18633), (165, 18645), (200, 18729), (263, 18858), (269, 18876), (291, 18936), (304, 18993), (318, 19047), (335, 19128), (338, 19140), (343, 19158), (363, 19233),

Gene: Charles1_22 Start: 17054, Stop: 17791, Start Num: 99

Candidate Starts for Charles1_22:

(Start: 99 @17054 has 367 MA's), (158, 17168), (160, 17174), (Start: 164 @17183 has 12 MA's), (165, 17192), (214, 17288), (253, 17360), (255, 17366), (258, 17378), (275, 17429), (300, 17510), (306, 17543), (308, 17549), (329, 17630), (330, 17642), (335, 17666), (341, 17693), (350, 17735), (361, 17768), (368, 17783),

Gene: CharlieGBrown_21 Start: 16641, Stop: 17378, Start Num: 99

Candidate Starts for CharlieGBrown_21:

(Start: 99 @16641 has 367 MA's), (158, 16755), (160, 16761), (Start: 164 @16770 has 12 MA's), (165, 16779), (214, 16875), (253, 16947), (255, 16953), (258, 16965), (275, 17016), (300, 17097), (306, 17130), (308, 17136), (329, 17217), (330, 17229), (335, 17253), (341, 17280), (361, 17355), (368, 17370),

Gene: CharlottesWeb_19 Start: 15493, Stop: 16239, Start Num: 99

Candidate Starts for CharlottesWeb_19:

(9, 14905), (Start: 99 @15493 has 367 MA's), (Start: 107 @15511 has 20 MA's), (Start: 116 @15526 has 85 MA's), (157, 15613), (214, 15736), (258, 15829), (263, 15847), (268, 15862), (330, 16090), (333, 16099), (335, 16114), (338, 16126), (350, 16183), (361, 16216), (366, 16228),

Gene: Charming_27 Start: 21039, Stop: 21806, Start Num: 116

Candidate Starts for Charming_27:

(Start: 116 @21039 has 85 MA's), (139, 21087), (163, 21144), (177, 21192), (253, 21339), (269, 21393), (285, 21429), (303, 21507), (306, 21525), (318, 21564), (330, 21621), (346, 21687), (381,

21789),

Gene: CheetO_22 Start: 17069, Stop: 17806, Start Num: 99

Candidate Starts for CheetO_22:

(Start: 99 @17069 has 367 MA's), (Start: 122 @17111 has 34 MA's), (158, 17183), (160, 17189), (Start: 164 @17198 has 12 MA's), (165, 17207), (214, 17303), (253, 17375), (255, 17381), (258, 17393), (275, 17444), (300, 17525), (306, 17558), (308, 17564), (329, 17645), (330, 17657), (335, 17681), (341, 17708), (350, 17750), (361, 17783), (368, 17798),

Gene: Chentzyk_22 Start: 17516, Stop: 18349, Start Num: 73

Candidate Starts for Chentzyk_22:

(Start: 73 @17516 has 11 MA's), (80, 17534), (Start: 99 @17591 has 367 MA's), (Start: 107 @17609 has 20 MA's), (163, 17729), (165, 17741), (200, 17825), (263, 17954), (269, 17972), (291, 18032), (304, 18089), (318, 18143), (335, 18224), (338, 18236), (343, 18254), (363, 18329),

Gene: Cher_21 Start: 16795, Stop: 17532, Start Num: 99

Candidate Starts for Cher_21:

(Start: 99 @16795 has 367 MA's), (Start: 122 @16837 has 34 MA's), (158, 16909), (160, 16915), (Start: 164 @16924 has 12 MA's), (165, 16933), (214, 17029), (253, 17101), (255, 17107), (258, 17119), (275, 17170), (300, 17251), (306, 17284), (308, 17290), (329, 17371), (330, 17383), (335, 17407), (341, 17434), (361, 17509), (368, 17524),

Gene: CherryCola_26 Start: 16867, Stop: 17637, Start Num: 122

Candidate Starts for CherryCola_26:

(Start: 122 @16867 has 34 MA's), (139, 16909), (170, 16990), (222, 17095), (253, 17170), (255, 17176), (260, 17197), (263, 17206), (285, 17266), (320, 17407), (322, 17416), (336, 17488), (353, 17557), (355, 17563), (381, 17620),

Gene: Chickadee_24 Start: 17962, Stop: 18759, Start Num: 116

Candidate Starts for Chickadee_24:

(Start: 116 @17962 has 85 MA's), (170, 18091), (177, 18115), (224, 18205), (226, 18208), (260, 18322), (302, 18466), (317, 18523), (320, 18532), (322, 18541), (346, 18649), (368, 18721), (370, 18724), (379, 18739),

Gene: Childish_21 Start: 16783, Stop: 17520, Start Num: 99

Candidate Starts for Childish_21:

(Start: 99 @16783 has 367 MA's), (Start: 122 @16825 has 34 MA's), (158, 16897), (160, 16903), (Start: 164 @16912 has 12 MA's), (165, 16921), (214, 17017), (253, 17089), (255, 17095), (258, 17107), (275, 17158), (300, 17239), (306, 17272), (308, 17278), (329, 17359), (330, 17371), (335, 17395), (341, 17422), (361, 17497), (368, 17512),

Gene: Chilliams_81 Start: 53752, Stop: 54441, Start Num: 164

Candidate Starts for Chilliams_81:

(Start: 164 @53752 has 12 MA's), (286, 54070), (300, 54127), (301, 54136), (339, 54298), (371, 54406),

Gene: Chipette_23 Start: 17292, Stop: 18029, Start Num: 99

Candidate Starts for Chipette_23:

(Start: 99 @17292 has 367 MA's), (Start: 122 @17334 has 34 MA's), (158, 17406), (160, 17412), (Start: 164 @17421 has 12 MA's), (165, 17430), (214, 17526), (253, 17598), (255, 17604), (258, 17616), (275, 17667), (300, 17748), (306, 17781), (308, 17787), (329, 17868), (330, 17880), (335, 17904), (341, 17931), (350, 17973), (361, 18006), (368, 18021),

Gene: Chorkpop_22 Start: 16794, Stop: 17531, Start Num: 99

Candidate Starts for Chorkpop_22:

(Start: 99 @16794 has 367 MA's), (Start: 122 @16836 has 34 MA's), (158, 16908), (160, 16914), (Start: 164 @16923 has 12 MA's), (165, 16932), (214, 17028), (253, 17100), (255, 17106), (258, 17118), (275, 17169), (300, 17250), (306, 17283), (308, 17289), (329, 17370), (330, 17382), (335, 17406), (341, 17433), (361, 17508), (368, 17523),

Gene: ChrisnMich_19 Start: 16601, Stop: 17392, Start Num: 76

Candidate Starts for ChrisnMich_19:

(Start: 76 @16601 has 1 MA's), (Start: 99 @16649 has 367 MA's), (160, 16760), (163, 16766), (Start: 164 @16769 has 12 MA's), (177, 16814), (246, 16943), (260, 16988), (269, 17015), (277, 17039), (284, 17051), (292, 17081), (303, 17126), (308, 17150), (341, 17294), (351, 17339), (355, 17351), (361, 17369), (368, 17384),

Gene: Chuni_21 Start: 17088, Stop: 17825, Start Num: 99

Candidate Starts for Chuni_21:

(Start: 99 @17088 has 367 MA's), (158, 17202), (160, 17208), (Start: 164 @17217 has 12 MA's), (165, 17226), (214, 17322), (253, 17394), (255, 17400), (258, 17412), (275, 17463), (300, 17544), (306, 17577), (308, 17583), (329, 17664), (330, 17676), (335, 17700), (341, 17727), (350, 17769), (361, 17802), (368, 17817),

Gene: Chunky_22 Start: 17082, Stop: 17819, Start Num: 99

Candidate Starts for Chunky_22:

(Start: 99 @17082 has 367 MA's), (Start: 122 @17124 has 34 MA's), (158, 17196), (160, 17202), (Start: 164 @17211 has 12 MA's), (165, 17220), (214, 17316), (253, 17388), (255, 17394), (258, 17406), (275, 17457), (300, 17538), (306, 17571), (308, 17577), (329, 17658), (330, 17670), (335, 17694), (341, 17721), (361, 17796), (368, 17811),

Gene: Chute_21 Start: 17087, Stop: 17824, Start Num: 99

Candidate Starts for Chute_21:

(Start: 99 @17087 has 367 MA's), (158, 17201), (160, 17207), (Start: 164 @17216 has 12 MA's), (165, 17225), (214, 17321), (253, 17393), (255, 17399), (258, 17411), (275, 17462), (300, 17543), (306, 17576), (308, 17582), (329, 17663), (330, 17675), (335, 17699), (341, 17726), (361, 17801), (368, 17816),

Gene: Cinna_26 Start: 17367, Stop: 18272, Start Num: 79

Candidate Starts for Cinna_26:

(60, 17319), (Start: 79 @17367 has 7 MA's), (Start: 89 @17394 has 2 MA's), (90, 17397), (170, 17580), (235, 17754), (258, 17832), (263, 17850), (266, 17856), (269, 17868), (270, 17871), (278, 17892), (286, 17913), (308, 18012), (312, 18027), (352, 18198), (368, 18237),

Gene: ClamChowder_25 Start: 16659, Stop: 17429, Start Num: 122

Candidate Starts for ClamChowder_25:

(Start: 122 @16659 has 34 MA's), (139, 16701), (170, 16782), (222, 16887), (253, 16962), (255, 16968), (260, 16989), (263, 16998), (276, 17037), (320, 17199), (353, 17349), (355, 17355), (381, 17412),

Gene: Clawz_50 Start: 27796, Stop: 28542, Start Num: 116

Candidate Starts for Clawz_50:

(Start: 116 @27796 has 85 MA's), (163, 27904), (165, 27916), (175, 27946), (210, 28012), (263, 28123), (313, 28297), (324, 28333), (350, 28462), (368, 28510),

Gene: ClearAsMud_33 Start: 18714, Stop: 19628, Start Num: 71

Candidate Starts for ClearAsMud_33:

(Start: 71 @18714 has 42 MA's), (118, 18816), (175, 18960), (218, 19068), (228, 19095), (230, 19101), (294, 19314), (323, 19425), (333, 19476), (340, 19515), (355, 19569),

Gene: CloverMinnie_21 Start: 16916, Stop: 17659, Start Num: 92

Candidate Starts for CloverMinnie_21:

(Start: 92 @16916 has 8 MA's), (Start: 99 @16940 has 367 MA's), (Start: 107 @16958 has 20 MA's), (158, 17036), (160, 17042), (172, 17081), (210, 17150), (214, 17156), (263, 17267), (305, 17405), (318, 17453), (350, 17603), (355, 17618), (361, 17636),

Gene: Clown_27 Start: 18589, Stop: 19353, Start Num: 122

Candidate Starts for Clown_27:

(Start: 122 @18589 has 34 MA's), (125, 18592), (131, 18607), (158, 18676), (170, 18712), (224, 18823), (249, 18886), (253, 18892), (255, 18898), (260, 18919), (268, 18943), (270, 18949), (277, 18970), (317, 19120), (325, 19147), (335, 19204), (336, 19210), (338, 19216), (353, 19279), (355, 19285), (381, 19342),

Gene: Cobra_22 Start: 17075, Stop: 17812, Start Num: 99

Candidate Starts for Cobra_22:

(Start: 99 @17075 has 367 MA's), (Start: 122 @17117 has 34 MA's), (158, 17189), (160, 17195), (Start: 164 @17204 has 12 MA's), (165, 17213), (214, 17309), (253, 17381), (255, 17387), (258, 17399), (275, 17450), (300, 17531), (306, 17564), (308, 17570), (329, 17651), (330, 17663), (335, 17687), (341, 17714), (361, 17789), (368, 17804),

Gene: Coffee_24 Start: 19243, Stop: 20028, Start Num: 93

Candidate Starts for Coffee_24:

(Start: 93 @19243 has 34 MA's), (138, 19354), (155, 19390), (Start: 161 @19411 has 3 MA's), (163, 19414), (177, 19462), (193, 19498), (253, 19600), (260, 19627), (263, 19636), (269, 19654), (276, 19675), (303, 19768), (308, 19792), (314, 19813), (329, 19870), (330, 19882), (331, 19885), (338, 19915), (349, 19966), (366, 20017),

Gene: Colbert_22 Start: 17072, Stop: 17809, Start Num: 99

Candidate Starts for Colbert_22:

(Start: 99 @17072 has 367 MA's), (Start: 122 @17114 has 34 MA's), (158, 17186), (160, 17192), (Start: 164 @17201 has 12 MA's), (165, 17210), (214, 17306), (253, 17378), (255, 17384), (258, 17396), (275, 17447), (300, 17528), (306, 17561), (308, 17567), (329, 17648), (330, 17660), (335, 17684), (341, 17711), (350, 17753), (361, 17786), (368, 17801),

Gene: ColdSoup_51 Start: 27881, Stop: 28627, Start Num: 116

Candidate Starts for ColdSoup_51:

(113, 27875), (Start: 116 @27881 has 85 MA's), (Start: 127 @27896 has 1 MA's), (175, 28031), (189, 28064), (192, 28067), (204, 28088), (210, 28097), (350, 28547), (370, 28598),

Gene: Coldpizza_22 Start: 19825, Stop: 20580, Start Num: 99

Candidate Starts for Coldpizza_22:

(Start: 99 @19825 has 367 MA's), (195, 20041), (252, 20146), (268, 20197), (302, 20311), (306, 20332), (308, 20338), (331, 20434), (333, 20440), (335, 20455), (338, 20467),

Gene: Coletti_22 Start: 17087, Stop: 17824, Start Num: 99

Candidate Starts for Coletti_22:

(Start: 99 @17087 has 367 MA's), (158, 17201), (160, 17207), (Start: 164 @17216 has 12 MA's), (165, 17225), (214, 17321), (253, 17393), (255, 17399), (258, 17411), (275, 17462), (300, 17543), (306, 17576), (308, 17582), (329, 17663), (330, 17675), (335, 17699), (341, 17726), (361, 17801), (368,

17816),

Gene: Compostia_24 Start: 18079, Stop: 18912, Start Num: 73

Candidate Starts for Compostia_24:

(Start: 73 @18079 has 11 MA's), (80, 18097), (Start: 99 @18154 has 367 MA's), (Start: 107 @18172 has 20 MA's), (163, 18292), (165, 18304), (200, 18388), (263, 18517), (269, 18535), (291, 18595), (304, 18652), (318, 18706), (335, 18787), (338, 18799), (343, 18817), (363, 18892),

Gene: Cooper_20 Start: 16766, Stop: 17506, Start Num: 99

Candidate Starts for Cooper_20:

(59, 16646), (70, 16691), (Start: 99 @16766 has 367 MA's), (163, 16883), (Start: 164 @16886 has 12 MA's), (175, 16925), (189, 16958), (253, 17075), (258, 17093), (260, 17102), (269, 17129), (284, 17165), (303, 17240), (308, 17264), (330, 17357), (335, 17381), (351, 17453), (355, 17465), (361, 17483), (368, 17498),

Gene: Cornbread_21 Start: 16788, Stop: 17525, Start Num: 99

Candidate Starts for Cornbread_21:

(Start: 99 @16788 has 367 MA's), (158, 16902), (160, 16908), (Start: 164 @16917 has 12 MA's), (165, 16926), (214, 17022), (253, 17094), (255, 17100), (258, 17112), (275, 17163), (300, 17244), (306, 17277), (308, 17283), (329, 17364), (330, 17376), (335, 17400), (341, 17427), (361, 17502), (368, 17517),

Gene: Cornobble_21 Start: 16630, Stop: 17367, Start Num: 99

Candidate Starts for Cornobble_21:

(Start: 99 @16630 has 367 MA's), (158, 16744), (160, 16750), (Start: 164 @16759 has 12 MA's), (165, 16768), (214, 16864), (253, 16936), (255, 16942), (258, 16954), (275, 17005), (300, 17086), (306, 17119), (308, 17125), (329, 17206), (330, 17218), (335, 17242), (341, 17269), (350, 17311), (361, 17344), (368, 17359),

Gene: Corofin_23 Start: 17764, Stop: 18504, Start Num: 107

Candidate Starts for Corofin_23:

(Start: 73 @17671 has 11 MA's), (80, 17689), (Start: 99 @17746 has 367 MA's), (Start: 107 @17764 has 20 MA's), (163, 17884), (165, 17896), (200, 17980), (263, 18109), (269, 18127), (291, 18187), (304, 18244), (318, 18298), (335, 18379), (338, 18391), (343, 18409), (363, 18484),

Gene: Cosmolli16_21 Start: 16789, Stop: 17526, Start Num: 99

Candidate Starts for Cosmolli16_21:

(Start: 99 @16789 has 367 MA's), (158, 16903), (160, 16909), (Start: 164 @16918 has 12 MA's), (165, 16927), (214, 17023), (253, 17095), (255, 17101), (258, 17113), (275, 17164), (300, 17245), (306, 17278), (308, 17284), (329, 17365), (330, 17377), (335, 17401), (341, 17428), (350, 17470), (361, 17503), (368, 17518),

Gene: CoveyB_25 Start: 16459, Stop: 17229, Start Num: 122

Candidate Starts for CoveyB_25:

(Start: 122 @16459 has 34 MA's), (139, 16501), (170, 16582), (177, 16606), (222, 16687), (253, 16762), (255, 16768), (260, 16789), (263, 16798), (276, 16837), (320, 16999), (353, 17149), (355, 17155), (381, 17212),

Gene: Craff_22 Start: 17076, Stop: 17813, Start Num: 99

Candidate Starts for Craff_22:

(Start: 99 @17076 has 367 MA's), (158, 17190), (160, 17196), (Start: 164 @17205 has 12 MA's), (165, 17214), (214, 17310), (253, 17382), (255, 17388), (258, 17400), (275, 17451), (300, 17532), (306, 17565), (308, 17571), (329, 17652), (330, 17664), (335, 17688), (341, 17715), (350, 17757), (361,

17790), (368, 17805),

Gene: Cranjjs_32 Start: 18160, Stop: 19074, Start Num: 71

Candidate Starts for Cranjjs_32:

(Start: 71 @18160 has 42 MA's), (118, 18262), (175, 18406), (218, 18514), (228, 18541), (230, 18547), (269, 18676), (294, 18760), (323, 18871), (336, 18943), (340, 18961), (355, 19015),

Gene: CrazyRich_30 Start: 17969, Stop: 18883, Start Num: 71

Candidate Starts for CrazyRich_30:

(Start: 71 @17969 has 42 MA's), (Start: 75 @17981 has 4 MA's), (118, 18071), (175, 18215), (218, 18323), (228, 18350), (230, 18356), (269, 18485), (294, 18569), (323, 18680), (336, 18752), (340, 18770), (355, 18824),

Gene: Cressida_28 Start: 17425, Stop: 18330, Start Num: 79

Candidate Starts for Cressida_28:

(Start: 79 @17425 has 7 MA's), (Start: 89 @17452 has 2 MA's), (90, 17455), (130, 17536), (135, 17545), (173, 17647), (221, 17767), (259, 17893), (263, 17908), (269, 17926), (270, 17929), (278, 17950), (286, 17971), (294, 18010), (308, 18070), (309, 18076), (312, 18085), (323, 18121), (335, 18187), (352, 18256), (368, 18295), (372, 18304), (373, 18310),

Gene: Crisis_32 Start: 17954, Stop: 18868, Start Num: 71

Candidate Starts for Crisis_32:

(Start: 71 @17954 has 42 MA's), (118, 18056), (175, 18200), (218, 18308), (228, 18335), (230, 18341), (269, 18470), (294, 18554), (323, 18665), (340, 18755), (355, 18809),

Gene: Crownjwl_22 Start: 16843, Stop: 17580, Start Num: 99

Candidate Starts for Crownjwl_22:

(Start: 99 @16843 has 367 MA's), (Start: 122 @16885 has 34 MA's), (158, 16957), (160, 16963), (Start: 164 @16972 has 12 MA's), (165, 16981), (214, 17077), (253, 17149), (255, 17155), (258, 17167), (275, 17218), (300, 17299), (306, 17332), (308, 17338), (329, 17419), (330, 17431), (335, 17455), (341, 17482), (361, 17557), (368, 17572),

Gene: D12_16 Start: 16542, Stop: 17279, Start Num: 101

Candidate Starts for D12_16:

(Start: 101 @16542 has 8 MA's), (Start: 107 @16554 has 20 MA's), (Start: 164 @16677 has 12 MA's), (184, 16743), (193, 16758), (201, 16773), (234, 16800), (241, 16821), (246, 16836), (251, 16851), (253, 16854), (261, 16884), (263, 16890), (268, 16905), (285, 16947), (289, 16965), (303, 17019), (304, 17022), (311, 17055), (313, 17061), (314, 17064), (318, 17076), (330, 17133), (333, 17142), (335, 17157), (350, 17223), (355, 17238), (361, 17256), (368, 17271),

Gene: DaddyDaniels_22 Start: 16768, Stop: 17505, Start Num: 99

Candidate Starts for DaddyDaniels_22:

(Start: 99 @16768 has 367 MA's), (158, 16882), (160, 16888), (Start: 164 @16897 has 12 MA's), (165, 16906), (214, 17002), (253, 17074), (255, 17080), (258, 17092), (275, 17143), (300, 17224), (306, 17257), (308, 17263), (329, 17344), (330, 17356), (335, 17380), (341, 17407), (361, 17482), (368, 17497),

Gene: Daffy_22 Start: 16795, Stop: 17532, Start Num: 99

Candidate Starts for Daffy_22:

(Start: 99 @16795 has 367 MA's), (Start: 122 @16837 has 34 MA's), (158, 16909), (160, 16915), (Start: 164 @16924 has 12 MA's), (165, 16933), (214, 17029), (253, 17101), (255, 17107), (258, 17119), (275, 17170), (300, 17251), (306, 17284), (308, 17290), (329, 17371), (330, 17383), (335, 17407), (341, 17434), (361, 17509), (368, 17524),

Gene: Daisy_23 Start: 17760, Stop: 18500, Start Num: 107

Candidate Starts for Daisy_23:

(Start: 73 @17667 has 11 MA's), (80, 17685), (Start: 99 @17742 has 367 MA's), (Start: 107 @17760 has 20 MA's), (163, 17880), (165, 17892), (200, 17976), (263, 18105), (269, 18123), (291, 18183), (304, 18240), (318, 18294), (335, 18375), (338, 18387), (343, 18405), (363, 18480),

Gene: Daka_22 Start: 17072, Stop: 17809, Start Num: 99

Candidate Starts for Daka_22:

(Start: 99 @17072 has 367 MA's), (Start: 122 @17114 has 34 MA's), (158, 17186), (160, 17192), (Start: 164 @17201 has 12 MA's), (165, 17210), (214, 17306), (253, 17378), (255, 17384), (258, 17396), (275, 17447), (300, 17528), (306, 17561), (308, 17567), (329, 17648), (330, 17660), (335, 17684), (341, 17711), (361, 17786), (368, 17801),

Gene: Danyall_25 Start: 16459, Stop: 17229, Start Num: 122

Candidate Starts for Danyall_25:

(Start: 122 @16459 has 34 MA's), (139, 16501), (170, 16582), (177, 16606), (222, 16687), (253, 16762), (255, 16768), (260, 16789), (263, 16798), (276, 16837), (320, 16999), (353, 17149), (355, 17155), (381, 17212),

Gene: Dati_22 Start: 16785, Stop: 17522, Start Num: 99

Candidate Starts for Dati_22:

(Start: 99 @16785 has 367 MA's), (158, 16899), (160, 16905), (Start: 164 @16914 has 12 MA's), (165, 16923), (214, 17019), (253, 17091), (255, 17097), (258, 17109), (275, 17160), (300, 17241), (306, 17274), (308, 17280), (329, 17361), (330, 17373), (335, 17397), (341, 17424), (361, 17499), (368, 17514),

Gene: Deenasa_23 Start: 18484, Stop: 19242, Start Num: 99

Candidate Starts for Deenasa_23:

(Start: 73 @18409 has 11 MA's), (80, 18427), (Start: 99 @18484 has 367 MA's), (Start: 107 @18502 has 20 MA's), (163, 18622), (165, 18634), (200, 18718), (263, 18847), (269, 18865), (291, 18925), (304, 18982), (318, 19036), (335, 19117), (338, 19129), (343, 19147), (363, 19222),

Gene: DelRivs_21 Start: 16784, Stop: 17521, Start Num: 99

Candidate Starts for DelRivs_21:

(Start: 99 @16784 has 367 MA's), (158, 16898), (160, 16904), (Start: 164 @16913 has 12 MA's), (165, 16922), (214, 17018), (253, 17090), (255, 17096), (258, 17108), (275, 17159), (300, 17240), (306, 17273), (308, 17279), (329, 17360), (330, 17372), (335, 17396), (341, 17423), (350, 17465), (361, 17498), (368, 17513),

Gene: Delrey21_26 Start: 21299, Stop: 22135, Start Num: 97

Candidate Starts for Delrey21_26:

(Start: 97 @21299 has 2 MA's), (Start: 116 @21344 has 85 MA's), (152, 21422), (170, 21473), (200, 21548), (212, 21569), (265, 21707), (285, 21764), (292, 21794), (318, 21899), (330, 21956), (336, 21986), (346, 22022), (353, 22055), (368, 22094),

Gene: Derg_22 Start: 20019, Stop: 20786, Start Num: 116

Candidate Starts for Derg_22:

(Start: 116 @20019 has 85 MA's), (139, 20067), (163, 20124), (165, 20136), (249, 20313), (269, 20373), (285, 20415), (303, 20493), (306, 20511), (317, 20547), (330, 20607), (346, 20673), (377, 20766),

Gene: Derpp_21 Start: 16631, Stop: 17368, Start Num: 99

Candidate Starts for Derpp_21:

(Start: 99 @16631 has 367 MA's), (Start: 122 @16673 has 34 MA's), (158, 16745), (160, 16751), (Start: 164 @16760 has 12 MA's), (165, 16769), (214, 16865), (253, 16937), (255, 16943), (258, 16955), (275, 17006), (300, 17087), (306, 17120), (308, 17126), (329, 17207), (330, 17219), (335, 17243), (341, 17270), (361, 17345), (368, 17360),

Gene: Devonte_23 Start: 17721, Stop: 18479, Start Num: 99

Candidate Starts for Devonte_23:

(Start: 73 @17646 has 11 MA's), (80, 17664), (Start: 99 @17721 has 367 MA's), (Start: 107 @17739 has 20 MA's), (163, 17859), (165, 17871), (200, 17955), (263, 18084), (269, 18102), (291, 18162), (304, 18219), (318, 18273), (335, 18354), (338, 18366), (343, 18384), (363, 18459),

Gene: Dewdrop_68 Start: 37486, Stop: 38313, Start Num: 109

Candidate Starts for Dewdrop_68:

(1, 36382), (2, 36514), (3, 36622), (5, 36784), (6, 36832), (10, 36922), (12, 36931), (21, 37045), (24, 37075), (47, 37276), (Start: 109 @37486 has 14 MA's), (140, 37546), (158, 37588), (175, 37642), (177, 37648), (227, 37753), (228, 37759), (230, 37765), (236, 37786), (263, 37876), (269, 37894), (286, 37939), (291, 37957), (303, 38014), (306, 38032), (308, 38038), (330, 38131), (334, 38143), (339, 38170), (352, 38230), (357, 38239), (368, 38266), (373, 38281), (383, 38293),

Gene: Dxdert_25 Start: 18402, Stop: 19199, Start Num: 116

Candidate Starts for Dxdert_25:

(Start: 116 @18402 has 85 MA's), (145, 18462), (170, 18531), (177, 18555), (226, 18648), (285, 18831), (302, 18906), (320, 18972), (322, 18981), (346, 19089), (368, 19161), (370, 19164), (379, 19179),

Gene: Dice_21 Start: 16772, Stop: 17509, Start Num: 99

Candidate Starts for Dice_21:

(Start: 99 @16772 has 367 MA's), (158, 16886), (160, 16892), (Start: 164 @16901 has 12 MA's), (165, 16910), (214, 17006), (253, 17078), (255, 17084), (258, 17096), (275, 17147), (300, 17228), (306, 17261), (308, 17267), (329, 17348), (330, 17360), (335, 17384), (341, 17411), (350, 17453), (361, 17486), (368, 17501),

Gene: DigitDog_22 Start: 17386, Stop: 18144, Start Num: 99

Candidate Starts for DigitDog_22:

(Start: 99 @17386 has 367 MA's), (163, 17512), (175, 17554), (235, 17659), (251, 17710), (269, 17767), (284, 17803), (292, 17833), (294, 17842), (308, 17902), (341, 18046), (350, 18088), (368, 18136),

Gene: Dingo_22 Start: 17056, Stop: 17793, Start Num: 99

Candidate Starts for Dingo_22:

(Start: 99 @17056 has 367 MA's), (158, 17170), (160, 17176), (Start: 164 @17185 has 12 MA's), (165, 17194), (214, 17290), (253, 17362), (255, 17368), (258, 17380), (275, 17431), (300, 17512), (306, 17545), (308, 17551), (329, 17632), (330, 17644), (335, 17668), (341, 17695), (361, 17770), (368, 17785),

Gene: Dione_21 Start: 16773, Stop: 17510, Start Num: 99

Candidate Starts for Dione_21:

(Start: 99 @16773 has 367 MA's), (158, 16887), (160, 16893), (Start: 164 @16902 has 12 MA's), (165, 16911), (214, 17007), (253, 17079), (255, 17085), (258, 17097), (275, 17148), (300, 17229), (306, 17262), (308, 17268), (329, 17349), (330, 17361), (335, 17385), (341, 17412), (361, 17487), (368, 17502),

Gene: DirtJuice_22 Start: 17058, Stop: 17795, Start Num: 99

Candidate Starts for DirtJuice_22:

(Start: 99 @17058 has 367 MA's), (Start: 122 @17100 has 34 MA's), (158, 17172), (160, 17178), (Start: 164 @17187 has 12 MA's), (165, 17196), (214, 17292), (253, 17364), (255, 17370), (258, 17382), (275, 17433), (300, 17514), (306, 17547), (308, 17553), (329, 17634), (330, 17646), (335, 17670), (341, 17697), (361, 17772), (368, 17787),

Gene: DoctorFroggo_26 Start: 21344, Stop: 22135, Start Num: 116

Candidate Starts for DoctorFroggo_26:

(Start: 97 @21299 has 2 MA's), (Start: 116 @21344 has 85 MA's), (152, 21422), (170, 21473), (200, 21548), (212, 21569), (265, 21707), (285, 21764), (292, 21794), (318, 21899), (330, 21956), (336, 21986), (346, 22022), (353, 22055), (368, 22094),

Gene: Doddsville_22 Start: 16785, Stop: 17522, Start Num: 99

Candidate Starts for Doddsville_22:

(Start: 99 @16785 has 367 MA's), (158, 16899), (160, 16905), (Start: 164 @16914 has 12 MA's), (165, 16923), (214, 17019), (253, 17091), (255, 17097), (258, 17109), (275, 17160), (300, 17241), (306, 17274), (308, 17280), (329, 17361), (330, 17373), (335, 17397), (341, 17424), (361, 17499), (368, 17514),

Gene: Dodo_93 Start: 49345, Stop: 50106, Start Num: 143

Candidate Starts for Dodo_93:

(Start: 143 @49345 has 7 MA's), (171, 49426), (191, 49483), (216, 49528), (240, 49579), (248, 49600), (256, 49627), (257, 49630), (278, 49699), (303, 49801), (309, 49831), (313, 49843), (318, 49858), (335, 49945), (348, 50005), (349, 50008), (350, 50014), (372, 50071),

Gene: DoesntMatter_22 Start: 17054, Stop: 17791, Start Num: 99

Candidate Starts for DoesntMatter_22:

(Start: 99 @17054 has 367 MA's), (158, 17168), (160, 17174), (Start: 164 @17183 has 12 MA's), (165, 17192), (214, 17288), (253, 17360), (255, 17366), (258, 17378), (275, 17429), (300, 17510), (306, 17543), (308, 17549), (329, 17630), (330, 17642), (335, 17666), (341, 17693), (350, 17735), (361, 17768), (368, 17783),

Gene: DogYard_31 Start: 19085, Stop: 19702, Start Num: 146

Candidate Starts for DogYard_31:

(Start: 146 @19085 has 19 MA's), (180, 19178), (258, 19274), (277, 19334), (300, 19382), (314, 19442), (317, 19451), (336, 19544), (347, 19586), (349, 19595), (378, 19667),

Gene: DolOn_23 Start: 17305, Stop: 18042, Start Num: 99

Candidate Starts for DolOn_23:

(Start: 99 @17305 has 367 MA's), (158, 17419), (160, 17425), (Start: 164 @17434 has 12 MA's), (165, 17443), (214, 17539), (253, 17611), (255, 17617), (258, 17629), (275, 17680), (300, 17761), (306, 17794), (308, 17800), (329, 17881), (330, 17893), (335, 17917), (341, 17944), (361, 18019), (368, 18034),

Gene: DonSanchon_21 Start: 16771, Stop: 17508, Start Num: 99

Candidate Starts for DonSanchon_21:

(Start: 99 @16771 has 367 MA's), (Start: 122 @16813 has 34 MA's), (158, 16885), (160, 16891), (Start: 164 @16900 has 12 MA's), (165, 16909), (214, 17005), (253, 17077), (255, 17083), (258, 17095), (275, 17146), (300, 17227), (306, 17260), (308, 17266), (329, 17347), (330, 17359), (335, 17383), (341, 17410), (361, 17485), (368, 17500),

Gene: DonTron_50 Start: 27921, Stop: 28667, Start Num: 116

Candidate Starts for DonTron_50:

(Start: 105 @27897 has 1 MA's), (113, 27915), (Start: 116 @27921 has 85 MA's), (Start: 127 @27936 has 1 MA's), (175, 28071), (189, 28104), (192, 28107), (204, 28128), (210, 28137), (350, 28587), (370, 28638),

Gene: DonaldDuck_30 Start: 20570, Stop: 21418, Start Num: 110

Candidate Starts for DonaldDuck_30:

(Start: 110 @20570 has 51 MA's), (139, 20633), (152, 20663), (172, 20726), (196, 20783), (202, 20795), (236, 20876), (269, 20984), (303, 21107), (306, 21125), (351, 21317),

Gene: Donny_22 Start: 17804, Stop: 18559, Start Num: 99

Candidate Starts for Donny_22:

(52, 17639), (57, 17669), (65, 17690), (Start: 73 @17729 has 11 MA's), (Start: 99 @17804 has 367 MA's), (114, 17834), (141, 17882), (158, 17918), (163, 17930), (165, 17942), (175, 17972), (177, 17978), (185, 17999), (251, 18125), (263, 18164), (269, 18182), (284, 18218), (294, 18257), (308, 18317), (335, 18434), (338, 18446), (341, 18461), (350, 18503), (368, 18551),

Gene: Dori_19 Start: 14673, Stop: 15431, Start Num: 96

Candidate Starts for Dori_19:

(Start: 96 @14673 has 4 MA's), (100, 14682), (Start: 122 @14724 has 34 MA's), (128, 14733), (162, 14817), (165, 14829), (172, 14850), (201, 14916), (246, 14982), (251, 14997), (253, 15000), (258, 15018), (261, 15030), (273, 15063), (317, 15219), (346, 15351), (352, 15381), (355, 15390), (368, 15423),

Gene: DuchessDung_20 Start: 15922, Stop: 16659, Start Num: 99

Candidate Starts for DuchessDung_20:

(Start: 99 @15922 has 367 MA's), (158, 16036), (160, 16042), (Start: 164 @16051 has 12 MA's), (165, 16060), (214, 16156), (253, 16228), (255, 16234), (258, 16246), (275, 16297), (300, 16378), (306, 16411), (308, 16417), (329, 16498), (330, 16510), (335, 16534), (341, 16561), (361, 16636), (368, 16651),

Gene: Duggie_21 Start: 16787, Stop: 17524, Start Num: 99

Candidate Starts for Duggie_21:

(Start: 99 @16787 has 367 MA's), (158, 16901), (160, 16907), (Start: 164 @16916 has 12 MA's), (165, 16925), (214, 17021), (253, 17093), (255, 17099), (258, 17111), (275, 17162), (300, 17243), (306, 17276), (308, 17282), (329, 17363), (330, 17375), (335, 17399), (341, 17426), (361, 17501), (368, 17516),

Gene: DunneganBoMo_74 Start: 47358, Stop: 48047, Start Num: 164

Candidate Starts for DunneganBoMo_74:

(Start: 164 @47358 has 12 MA's), (297, 47721), (316, 47799), (318, 47805), (326, 47832), (329, 47853), (339, 47904),

Gene: Durga_22 Start: 17084, Stop: 17821, Start Num: 99

Candidate Starts for Durga_22:

(Start: 99 @17084 has 367 MA's), (158, 17198), (160, 17204), (Start: 164 @17213 has 12 MA's), (165, 17222), (214, 17318), (253, 17390), (255, 17396), (258, 17408), (275, 17459), (300, 17540), (306, 17573), (308, 17579), (329, 17660), (330, 17672), (335, 17696), (341, 17723), (361, 17798), (368, 17813),

Gene: EMoore_23 Start: 19818, Stop: 20612, Start Num: 116

Candidate Starts for EMoore_23:

(20, 19347), (23, 19377), (25, 19389), (26, 19392), (28, 19413), (33, 19434), (35, 19467), (Start: 116 @19818 has 85 MA's), (129, 19839), (173, 19956), (177, 19971), (213, 20031), (224, 20049), (263, 20175), (277, 20217), (285, 20235), (303, 20313), (307, 20334), (331, 20430), (336, 20457), (346, 20493), (368, 20565), (380, 20592),

Gene: Eaglehorse_24 Start: 19151, Stop: 19936, Start Num: 93

Candidate Starts for Eaglehorse_24:

(Start: 93 @19151 has 34 MA's), (138, 19262), (155, 19298), (Start: 161 @19319 has 3 MA's), (163, 19322), (177, 19370), (193, 19406), (253, 19508), (260, 19535), (263, 19544), (269, 19562), (276, 19583), (303, 19676), (308, 19700), (314, 19721), (329, 19778), (330, 19790), (331, 19793), (338, 19823), (349, 19874), (366, 19925),

Gene: EarickHC_31 Start: 17880, Stop: 18794, Start Num: 71

Candidate Starts for EarickHC_31:

(Start: 71 @17880 has 42 MA's), (118, 17982), (175, 18126), (218, 18234), (228, 18261), (230, 18267), (269, 18396), (294, 18480), (323, 18591), (336, 18663), (340, 18681), (355, 18735),

Gene: EastView9101_21 Start: 17434, Stop: 18189, Start Num: 99

Candidate Starts for EastView9101_21:

(Start: 99 @17434 has 367 MA's), (114, 17464), (158, 17548), (163, 17560), (175, 17602), (185, 17629), (251, 17755), (263, 17794), (284, 17848), (294, 17887), (308, 17947), (335, 18064), (338, 18076), (341, 18091), (350, 18133), (368, 18181),

Gene: EdmundFerry_23 Start: 17991, Stop: 18788, Start Num: 116

Candidate Starts for EdmundFerry_23:

(Start: 116 @17991 has 85 MA's), (145, 18051), (160, 18090), (170, 18120), (177, 18144), (224, 18234), (226, 18237), (260, 18351), (302, 18495), (317, 18552), (320, 18561), (322, 18570), (346, 18678), (368, 18750), (370, 18753), (379, 18768),

Gene: Egi03_23 Start: 16074, Stop: 16844, Start Num: 122

Candidate Starts for Egi03_23:

(Start: 122 @16074 has 34 MA's), (139, 16116), (165, 16185), (170, 16197), (177, 16221), (222, 16302), (253, 16377), (255, 16383), (260, 16404), (263, 16413), (276, 16452), (320, 16614), (322, 16623), (336, 16695), (353, 16764), (355, 16770), (381, 16827),

Gene: Ellewin_73 Start: 46953, Stop: 47642, Start Num: 164

Candidate Starts for Ellewin_73:

(Start: 164 @46953 has 12 MA's), (297, 47316), (316, 47394), (318, 47400), (326, 47427), (329, 47448), (339, 47499),

Gene: ElvisPhasley_22 Start: 17083, Stop: 17820, Start Num: 99

Candidate Starts for ElvisPhasley_22:

(Start: 99 @17083 has 367 MA's), (158, 17197), (160, 17203), (Start: 164 @17212 has 12 MA's), (165, 17221), (214, 17317), (253, 17389), (255, 17395), (258, 17407), (275, 17458), (300, 17539), (306, 17572), (308, 17578), (329, 17659), (330, 17671), (335, 17695), (341, 17722), (361, 17797), (368, 17812),

Gene: EmGer13_21 Start: 16630, Stop: 17367, Start Num: 99

Candidate Starts for EmGer13_21:

(Start: 99 @16630 has 367 MA's), (Start: 122 @16672 has 34 MA's), (158, 16744), (160, 16750), (Start: 164 @16759 has 12 MA's), (165, 16768), (214, 16864), (253, 16936), (255, 16942), (258, 16954), (275, 17005), (300, 17086), (306, 17119), (308, 17125), (329, 17206), (330, 17218), (335, 17242), (341, 17269), (361, 17344), (368, 17359),

Gene: Emiris_22 Start: 17065, Stop: 17802, Start Num: 99

Candidate Starts for Emiris_22:

(Start: 99 @17065 has 367 MA's), (Start: 122 @17107 has 34 MA's), (158, 17179), (160, 17185), (Start: 164 @17194 has 12 MA's), (165, 17203), (214, 17299), (253, 17371), (255, 17377), (258, 17389), (275, 17440), (300, 17521), (306, 17554), (308, 17560), (329, 17641), (330, 17653), (335, 17677), (341, 17704), (361, 17779), (368, 17794),

Gene: Emmetator_77 Start: 48105, Stop: 48794, Start Num: 164

Candidate Starts for Emmetator_77:

(Start: 164 @48105 has 12 MA's), (297, 48468), (316, 48546), (318, 48552), (326, 48579), (329, 48600), (339, 48651),

Gene: EmpTee_22 Start: 17071, Stop: 17808, Start Num: 99

Candidate Starts for EmpTee_22:

(Start: 99 @17071 has 367 MA's), (158, 17185), (160, 17191), (Start: 164 @17200 has 12 MA's), (165, 17209), (214, 17305), (253, 17377), (255, 17383), (258, 17395), (275, 17446), (300, 17527), (306, 17560), (308, 17566), (329, 17647), (330, 17659), (335, 17683), (341, 17710), (361, 17785), (368, 17800),

Gene: Epah_19 Start: 16591, Stop: 17403, Start Num: 74

Candidate Starts for Epah_19:

(Start: 74 @16591 has 3 MA's), (82, 16612), (87, 16627), (Start: 99 @16660 has 367 MA's), (160, 16771), (163, 16777), (Start: 164 @16780 has 12 MA's), (177, 16825), (246, 16954), (260, 16999), (269, 17026), (277, 17050), (284, 17062), (292, 17092), (303, 17137), (308, 17161), (330, 17254), (341, 17305), (351, 17350), (355, 17362), (361, 17380), (368, 17395),

Gene: Erasmago_82 Start: 45510, Stop: 46271, Start Num: 143

Candidate Starts for Erasmago_82:

(Start: 143 @45510 has 7 MA's), (153, 45534), (191, 45648), (242, 45750), (246, 45759), (278, 45864), (313, 46008), (318, 46023), (335, 46110), (350, 46179), (362, 46215), (372, 46236),

Gene: Eremos_22 Start: 17071, Stop: 17808, Start Num: 99

Candidate Starts for Eremos_22:

(Start: 99 @17071 has 367 MA's), (158, 17185), (160, 17191), (Start: 164 @17200 has 12 MA's), (165, 17209), (214, 17305), (253, 17377), (255, 17383), (258, 17395), (275, 17446), (300, 17527), (306, 17560), (308, 17566), (330, 17659), (335, 17683), (341, 17710), (361, 17785), (368, 17800),

Gene: Etaye_22 Start: 17057, Stop: 17794, Start Num: 99

Candidate Starts for Etaye_22:

(Start: 99 @17057 has 367 MA's), (158, 17171), (160, 17177), (Start: 164 @17186 has 12 MA's), (165, 17195), (214, 17291), (253, 17363), (255, 17369), (258, 17381), (275, 17432), (300, 17513), (306, 17546), (308, 17552), (329, 17633), (330, 17645), (335, 17669), (341, 17696), (361, 17771), (368, 17786),

Gene: Eugenia_22 Start: 17084, Stop: 17821, Start Num: 99

Candidate Starts for Eugenia_22:

(Start: 99 @17084 has 367 MA's), (158, 17198), (160, 17204), (Start: 164 @17213 has 12 MA's), (165, 17222), (214, 17318), (253, 17390), (255, 17396), (258, 17408), (275, 17459), (300, 17540), (306, 17573), (308, 17579), (329, 17660), (330, 17672), (335, 17696), (341, 17723), (350, 17765), (361, 17798), (368, 17813),

Gene: Evaa_20 Start: 16832, Stop: 17593, Start Num: 99

Candidate Starts for Evaa_20:

(19, 16421), (30, 16499), (Start: 99 @16832 has 367 MA's), (128, 16883), (Start: 146 @16928 has 19 MA's), (158, 16958), (186, 17036), (195, 17048), (245, 17138), (258, 17177), (263, 17195), (296, 17297), (306, 17345), (308, 17351), (311, 17363), (322, 17399), (330, 17444), (331, 17447), (333, 17453), (335, 17468),

Gene: Evamon_23 Start: 15945, Stop: 16715, Start Num: 122

Candidate Starts for Evamon_23:

(Start: 122 @15945 has 34 MA's), (139, 15987), (170, 16068), (177, 16092), (222, 16173), (253, 16248), (255, 16254), (260, 16275), (263, 16284), (276, 16323), (320, 16485), (353, 16635), (355, 16641), (381, 16698),

Gene: EverythinBagel_30 Start: 20958, Stop: 21806, Start Num: 110

Candidate Starts for EverythinBagel_30:

(Start: 110 @20958 has 51 MA's), (139, 21021), (152, 21051), (172, 21114), (196, 21171), (202, 21183), (236, 21264), (269, 21372), (303, 21495), (306, 21513), (359, 21732),

Gene: Fanaw_19 Start: 17354, Stop: 18097, Start Num: 99

Candidate Starts for Fanaw_19:

(83, 17312), (Start: 99 @17354 has 367 MA's), (160, 17465), (163, 17471), (177, 17519), (246, 17648), (253, 17666), (260, 17693), (269, 17720), (277, 17744), (284, 17756), (292, 17786), (303, 17831), (308, 17855), (314, 17876), (341, 17999), (351, 18044), (355, 18056), (361, 18074), (368, 18089),

Gene: Fang_22 Start: 17127, Stop: 17822, Start Num: 122

Candidate Starts for Fang_22:

(Start: 99 @17085 has 367 MA's), (Start: 122 @17127 has 34 MA's), (158, 17199), (160, 17205), (Start: 164 @17214 has 12 MA's), (165, 17223), (214, 17319), (253, 17391), (255, 17397), (258, 17409), (275, 17460), (300, 17541), (306, 17574), (308, 17580), (329, 17661), (330, 17673), (335, 17697), (341, 17724), (350, 17766), (361, 17799), (368, 17814),

Gene: Faze9_24 Start: 19247, Stop: 20032, Start Num: 93

Candidate Starts for Faze9_24:

(Start: 93 @19247 has 34 MA's), (138, 19358), (155, 19394), (Start: 161 @19415 has 3 MA's), (163, 19418), (177, 19466), (193, 19502), (253, 19604), (260, 19631), (263, 19640), (269, 19658), (276, 19679), (303, 19772), (308, 19796), (314, 19817), (329, 19874), (330, 19886), (331, 19889), (338, 19919), (349, 19970), (366, 20021),

Gene: FelixTres_21 Start: 16979, Stop: 17722, Start Num: 92

Candidate Starts for FelixTres_21:

(Start: 92 @16979 has 8 MA's), (Start: 99 @17003 has 367 MA's), (Start: 107 @17021 has 20 MA's), (158, 17099), (160, 17105), (172, 17144), (210, 17213), (214, 17219), (263, 17330), (305, 17468), (350, 17666), (355, 17681), (361, 17699),

Gene: Fireball_24 Start: 16077, Stop: 16847, Start Num: 122

Candidate Starts for Fireball_24:

(84, 15984), (Start: 122 @16077 has 34 MA's), (139, 16119), (170, 16200), (222, 16305), (253, 16380), (255, 16386), (260, 16407), (263, 16416), (276, 16455), (285, 16476), (320, 16617), (322, 16626), (353, 16767), (355, 16773), (381, 16830),

Gene: Fireman_31 Start: 17773, Stop: 18684, Start Num: 71

Candidate Starts for Fireman_31:

(Start: 71 @17773 has 42 MA's), (118, 17875), (170, 18001), (173, 18010), (175, 18019), (228, 18154), (230, 18160), (289, 18349), (294, 18370), (300, 18391), (303, 18406), (306, 18424), (308, 18430),

(323, 18481), (336, 18553), (340, 18571), (355, 18625), (368, 18652),

Gene: Fitzgerald_25 Start: 21613, Stop: 22386, Start Num: 116

Candidate Starts for Fitzgerald_25:

(Start: 116 @21613 has 85 MA's), (139, 21661), (177, 21766), (253, 21913), (268, 21964), (285, 22009), (303, 22087), (306, 22105), (318, 22144), (346, 22267), (381, 22369),

Gene: Fizzles_31 Start: 20286, Stop: 21131, Start Num: 110

Candidate Starts for Fizzles_31:

(4, 19419), (8, 19665), (36, 19953), (40, 20001), (69, 20169), (81, 20208), (Start: 110 @20286 has 51 MA's), (139, 20349), (Start: 146 @20364 has 19 MA's), (152, 20379), (172, 20442), (176, 20454), (196, 20499), (235, 20586), (236, 20592), (288, 20751), (306, 20841), (338, 20976), (343, 20988), (347, 21012), (351, 21030), (354, 21039), (374, 21090),

Gene: Flake_22 Start: 17087, Stop: 17824, Start Num: 99

Candidate Starts for Flake_22:

(Start: 99 @17087 has 367 MA's), (158, 17201), (160, 17207), (Start: 164 @17216 has 12 MA's), (165, 17225), (214, 17321), (253, 17393), (255, 17399), (258, 17411), (275, 17462), (300, 17543), (306, 17576), (308, 17582), (329, 17663), (330, 17675), (335, 17699), (341, 17726), (361, 17801), (368, 17816),

Gene: Flatwoods_27 Start: 20380, Stop: 21147, Start Num: 116

Candidate Starts for Flatwoods_27:

(Start: 116 @20380 has 85 MA's), (139, 20428), (163, 20485), (165, 20497), (249, 20674), (269, 20734), (285, 20776), (303, 20854), (306, 20872), (317, 20908), (330, 20968), (346, 21034), (377, 21127),

Gene: FleetyMac_21 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for FleetyMac_21:

(Start: 99 @17070 has 367 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: FloraSnap32_84 Start: 50957, Stop: 51646, Start Num: 164

Candidate Starts for FloraSnap32_84:

(Start: 164 @50957 has 12 MA's), (250, 51155), (277, 51242), (281, 51254), (286, 51275), (290, 51293), (294, 51311), (300, 51332), (307, 51368), (321, 51416), (326, 51431), (338, 51500), (339, 51503),

Gene: FluffyNinja_22 Start: 17077, Stop: 17814, Start Num: 99

Candidate Starts for FluffyNinja_22:

(Start: 99 @17077 has 367 MA's), (158, 17191), (160, 17197), (Start: 164 @17206 has 12 MA's), (165, 17215), (214, 17311), (253, 17383), (255, 17389), (258, 17401), (275, 17452), (300, 17533), (306, 17566), (308, 17572), (329, 17653), (330, 17665), (335, 17689), (341, 17716), (350, 17758), (361, 17791), (368, 17806),

Gene: ForDig_18 Start: 16221, Stop: 16970, Start Num: 99

Candidate Starts for ForDig_18:

(Start: 99 @16221 has 367 MA's), (113, 16248), (128, 16269), (134, 16281), (158, 16332), (175, 16386), (177, 16392), (204, 16446), (235, 16485), (251, 16536), (263, 16575), (266, 16581), (294, 16668), (303, 16704), (330, 16821), (335, 16845), (341, 16872), (361, 16947), (368, 16962),

Gene: Forrestell_28 Start: 17896, Stop: 18513, Start Num: 146

Candidate Starts for Forrestell_28:

(Start: 146 @17896 has 19 MA's), (180, 17989), (258, 18085), (277, 18145), (300, 18193), (314, 18253), (317, 18262), (336, 18355), (347, 18397), (349, 18406), (378, 18478),

Gene: Fortunato_20 Start: 17686, Stop: 18429, Start Num: 99

Candidate Starts for Fortunato_20:

(Start: 99 @17686 has 367 MA's), (160, 17797), (163, 17803), (177, 17851), (246, 17980), (253, 17998), (260, 18025), (269, 18052), (277, 18076), (284, 18088), (292, 18118), (303, 18163), (308, 18187), (314, 18208), (351, 18376), (355, 18388), (361, 18406), (368, 18421),

Gene: Forza_91 Start: 48086, Stop: 48724, Start Num: 188

Candidate Starts for Forza_91:

(Start: 188 @48086 has 5 MA's), (217, 48140), (250, 48215), (273, 48287), (311, 48431), (323, 48470), (330, 48512), (331, 48515), (336, 48542), (338, 48548), (352, 48611), (360, 48635), (368, 48653),

Gene: Fosterous_25 Start: 21452, Stop: 22219, Start Num: 116

Candidate Starts for Fosterous_25:

(Start: 116 @21452 has 85 MA's), (139, 21500), (177, 21605), (249, 21746), (269, 21806), (285, 21842), (303, 21920), (306, 21938), (318, 21977), (330, 22034), (346, 22100), (381, 22202),

Gene: Fozzie_21 Start: 17080, Stop: 17817, Start Num: 99

Candidate Starts for Fozzie_21:

(Start: 99 @17080 has 367 MA's), (158, 17194), (160, 17200), (Start: 164 @17209 has 12 MA's), (165, 17218), (214, 17314), (253, 17386), (255, 17392), (258, 17404), (275, 17455), (300, 17536), (306, 17569), (308, 17575), (329, 17656), (330, 17668), (335, 17692), (341, 17719), (361, 17794), (368, 17809),

Gene: FrankDeliGuy_28 Start: 20533, Stop: 21381, Start Num: 110

Candidate Starts for FrankDeliGuy_28:

(Start: 110 @20533 has 51 MA's), (139, 20596), (152, 20626), (172, 20689), (196, 20746), (202, 20758), (236, 20839), (269, 20947), (303, 21070), (306, 21088), (351, 21280),

Gene: Frankicide_22 Start: 17071, Stop: 17808, Start Num: 99

Candidate Starts for Frankicide_22:

(Start: 99 @17071 has 367 MA's), (158, 17185), (160, 17191), (Start: 164 @17200 has 12 MA's), (165, 17209), (214, 17305), (253, 17377), (255, 17383), (258, 17395), (275, 17446), (300, 17527), (306, 17560), (308, 17566), (329, 17647), (330, 17659), (335, 17683), (341, 17710), (350, 17752), (361, 17785), (368, 17800),

Gene: Fransoyer_33 Start: 20394, Stop: 21245, Start Num: 110

Candidate Starts for Fransoyer_33:

(Start: 110 @20394 has 51 MA's), (139, 20460), (152, 20490), (172, 20553), (177, 20568), (179, 20577), (196, 20610), (219, 20652), (235, 20700), (236, 20706), (277, 20838), (351, 21144), (354, 21153),

Gene: Frederick_20 Start: 17695, Stop: 18438, Start Num: 99

Candidate Starts for Frederick_20:

(Start: 99 @17695 has 367 MA's), (160, 17806), (163, 17812), (Start: 164 @17815 has 12 MA's), (177, 17860), (246, 17989), (253, 18007), (260, 18034), (269, 18061), (277, 18085), (284, 18097), (292, 18127), (303, 18172), (308, 18196), (314, 18217), (351, 18385), (355, 18397), (361, 18415), (368, 18430),

Gene: Fregley_31 Start: 19755, Stop: 20600, Start Num: 110

Candidate Starts for Fregley_31:

(Start: 110 @19755 has 51 MA's), (139, 19821), (152, 19851), (196, 19971), (236, 20064), (265, 20157), (294, 20259), (310, 20325), (330, 20406), (351, 20496), (368, 20541),

Gene: FremontTroll_22 Start: 16768, Stop: 17505, Start Num: 99

Candidate Starts for FremontTroll_22:

(Start: 99 @16768 has 367 MA's), (158, 16882), (160, 16888), (Start: 164 @16897 has 12 MA's), (165, 16906), (214, 17002), (253, 17074), (255, 17080), (258, 17092), (275, 17143), (300, 17224), (306, 17257), (308, 17263), (329, 17344), (330, 17356), (335, 17380), (341, 17407), (350, 17449), (361, 17482), (368, 17497),

Gene: FrenchFry_24 Start: 19250, Stop: 20035, Start Num: 93

Candidate Starts for FrenchFry_24:

(Start: 93 @19250 has 34 MA's), (138, 19361), (155, 19397), (Start: 161 @19418 has 3 MA's), (163, 19421), (177, 19469), (193, 19505), (253, 19607), (260, 19634), (263, 19643), (269, 19661), (276, 19682), (303, 19775), (308, 19799), (314, 19820), (329, 19877), (330, 19889), (331, 19892), (338, 19922), (349, 19973), (366, 20024),

Gene: Fresco_19 Start: 15599, Stop: 16345, Start Num: 99

Candidate Starts for Fresco_19:

(Start: 88 @15569 has 3 MA's), (Start: 99 @15599 has 367 MA's), (Start: 107 @15617 has 20 MA's), (Start: 116 @15632 has 85 MA's), (199, 15818), (263, 15953), (268, 15968), (284, 16007), (330, 16196), (333, 16205), (335, 16220), (338, 16232), (350, 16289), (355, 16304), (368, 16337),

Gene: Freya_21 Start: 16766, Stop: 17503, Start Num: 99

Candidate Starts for Freya_21:

(Start: 99 @16766 has 367 MA's), (Start: 122 @16808 has 34 MA's), (158, 16880), (160, 16886), (Start: 164 @16895 has 12 MA's), (165, 16904), (214, 17000), (253, 17072), (255, 17078), (258, 17090), (275, 17141), (300, 17222), (306, 17255), (308, 17261), (329, 17342), (330, 17354), (335, 17378), (341, 17405), (361, 17480), (368, 17495),

Gene: FriarPreacher_22 Start: 17091, Stop: 17828, Start Num: 99

Candidate Starts for FriarPreacher_22:

(Start: 99 @17091 has 367 MA's), (Start: 122 @17133 has 34 MA's), (158, 17205), (160, 17211), (Start: 164 @17220 has 12 MA's), (165, 17229), (214, 17325), (253, 17397), (255, 17403), (258, 17415), (275, 17466), (300, 17547), (306, 17580), (308, 17586), (329, 17667), (330, 17679), (335, 17703), (341, 17730), (361, 17805), (368, 17820),

Gene: Fringe_22 Start: 17055, Stop: 17792, Start Num: 99

Candidate Starts for Fringe_22:

(Start: 99 @17055 has 367 MA's), (158, 17169), (160, 17175), (Start: 164 @17184 has 12 MA's), (165, 17193), (214, 17289), (253, 17361), (255, 17367), (258, 17379), (275, 17430), (300, 17511), (306, 17544), (308, 17550), (329, 17631), (330, 17643), (335, 17667), (341, 17694), (350, 17736), (361, 17769), (368, 17784),

Gene: FrostedClock_87 Start: 51408, Stop: 52097, Start Num: 164

Candidate Starts for FrostedClock_87:

(Start: 164 @51408 has 12 MA's), (250, 51606), (277, 51693), (281, 51705), (286, 51726), (290, 51744), (294, 51762), (300, 51783), (307, 51819), (321, 51867), (326, 51882), (338, 51951), (339, 51954),

Gene: FuegoCuervo_29 Start: 19991, Stop: 20764, Start Num: 116

Candidate Starts for FuegoCuervo_29:

(Start: 116 @19991 has 85 MA's), (139, 20039), (177, 20144), (232, 20234), (253, 20291), (268, 20342), (285, 20387), (303, 20465), (306, 20483), (318, 20522), (346, 20645), (381, 20747),

Gene: FugateOSU_21 Start: 16777, Stop: 17514, Start Num: 99

Candidate Starts for FugateOSU_21:

(Start: 99 @16777 has 367 MA's), (158, 16891), (160, 16897), (Start: 164 @16906 has 12 MA's), (165, 16915), (214, 17011), (253, 17083), (255, 17089), (258, 17101), (275, 17152), (300, 17233), (306, 17266), (308, 17272), (329, 17353), (330, 17365), (335, 17389), (341, 17416), (361, 17491), (368, 17506),

Gene: Fugax_25 Start: 16659, Stop: 17429, Start Num: 122

Candidate Starts for Fugax_25:

(Start: 122 @16659 has 34 MA's), (139, 16701), (170, 16782), (222, 16887), (253, 16962), (255, 16968), (260, 16989), (263, 16998), (276, 17037), (320, 17199), (353, 17349), (355, 17355), (381, 17412),

Gene: Funsized_25 Start: 20162, Stop: 20899, Start Num: 99

Candidate Starts for Funsized_25:

(Start: 99 @20162 has 367 MA's), (160, 20273), (Start: 164 @20282 has 12 MA's), (185, 20348), (189, 20357), (210, 20384), (260, 20492), (269, 20519), (275, 20534), (308, 20654), (328, 20723), (329, 20738), (332, 20756), (347, 20828), (349, 20837), (350, 20843), (368, 20891),

Gene: FuzzBuster_35 Start: 18082, Stop: 18993, Start Num: 78

Candidate Starts for FuzzBuster_35:

(Start: 78 @18082 has 1 MA's), (Start: 89 @18112 has 2 MA's), (158, 18259), (163, 18271), (227, 18424), (236, 18457), (259, 18532), (263, 18547), (278, 18589), (286, 18610), (303, 18685), (308, 18709), (356, 18910),

Gene: GMA2_19 Start: 18455, Stop: 19078, Start Num: 195

Candidate Starts for GMA2_19:

(195, 18455), (219, 18503), (267, 18626), (299, 18746), (301, 18752), (336, 18905), (338, 18911), (368, 19016),

Gene: GTE6_24 Start: 18480, Stop: 19277, Start Num: 116

Candidate Starts for GTE6_24:

(Start: 116 @18480 has 85 MA's), (170, 18609), (177, 18633), (224, 18723), (226, 18726), (260, 18840), (302, 18984), (317, 19041), (320, 19050), (322, 19059), (346, 19167), (352, 19197), (368, 19239), (370, 19242), (379, 19257),

Gene: Gadget_24 Start: 17743, Stop: 18483, Start Num: 107

Candidate Starts for Gadget_24:

(Start: 73 @17650 has 11 MA's), (80, 17668), (Start: 99 @17725 has 367 MA's), (Start: 107 @17743 has 20 MA's), (163, 17863), (165, 17875), (200, 17959), (269, 18106), (291, 18166), (304, 18223), (318, 18277), (335, 18358), (338, 18370), (343, 18388), (363, 18463),

Gene: Gaea_26 Start: 20031, Stop: 20798, Start Num: 116

Candidate Starts for Gaea_26:

(Start: 116 @20031 has 85 MA's), (139, 20079), (163, 20136), (165, 20148), (249, 20325), (269, 20385), (285, 20427), (303, 20505), (306, 20523), (317, 20559), (330, 20619), (346, 20685), (377, 20778),

Gene: Galadriel_27 Start: 21938, Stop: 22711, Start Num: 116

Candidate Starts for Galadriel_27:

(Start: 116 @21938 has 85 MA's), (139, 21986), (163, 22043), (177, 22091), (232, 22181), (253, 22238), (268, 22289), (285, 22334), (303, 22412), (306, 22430), (318, 22469), (330, 22526), (346, 22592), (381, 22694),

Gene: Ganandorf_30 Start: 18016, Stop: 18930, Start Num: 71

Candidate Starts for Ganandorf_30:

(Start: 71 @18016 has 42 MA's), (Start: 75 @18028 has 4 MA's), (118, 18118), (175, 18262), (218, 18370), (228, 18397), (230, 18403), (269, 18532), (294, 18616), (323, 18727), (336, 18799), (340, 18817), (355, 18871),

Gene: Gareth_21 Start: 16774, Stop: 17511, Start Num: 99

Candidate Starts for Gareth_21:

(Start: 99 @16774 has 367 MA's), (Start: 122 @16816 has 34 MA's), (158, 16888), (160, 16894), (Start: 164 @16903 has 12 MA's), (165, 16912), (214, 17008), (253, 17080), (255, 17086), (258, 17098), (275, 17149), (300, 17230), (306, 17263), (308, 17269), (329, 17350), (330, 17362), (335, 17386), (341, 17413), (361, 17488), (368, 17503),

Gene: Gazebo_30 Start: 21010, Stop: 21858, Start Num: 110

Candidate Starts for Gazebo_30:

(Start: 110 @21010 has 51 MA's), (139, 21073), (152, 21103), (172, 21166), (196, 21223), (236, 21316), (269, 21424), (303, 21547), (306, 21565), (351, 21757),

Gene: GeneCoco_22 Start: 17076, Stop: 17813, Start Num: 99

Candidate Starts for GeneCoco_22:

(Start: 99 @17076 has 367 MA's), (158, 17190), (160, 17196), (Start: 164 @17205 has 12 MA's), (165, 17214), (214, 17310), (253, 17382), (255, 17388), (258, 17400), (275, 17451), (300, 17532), (306, 17565), (308, 17571), (329, 17652), (330, 17664), (335, 17688), (341, 17715), (361, 17790), (368, 17805),

Gene: Geodirt_24 Start: 20921, Stop: 21694, Start Num: 116

Candidate Starts for Geodirt_24:

(Start: 116 @20921 has 85 MA's), (139, 20969), (177, 21074), (232, 21164), (253, 21221), (268, 21272), (285, 21317), (303, 21395), (306, 21413), (318, 21452), (330, 21509), (346, 21575), (381, 21677),

Gene: Germa_32 Start: 17857, Stop: 18759, Start Num: 75

Candidate Starts for Germa_32:

(Start: 71 @17845 has 42 MA's), (Start: 75 @17857 has 4 MA's), (118, 17947), (175, 18091), (218, 18199), (228, 18226), (230, 18232), (269, 18361), (294, 18445), (323, 18556), (336, 18628), (340, 18646), (355, 18700),

Gene: Gervas_23 Start: 17627, Stop: 18460, Start Num: 73

Candidate Starts for Gervas_23:

(Start: 73 @17627 has 11 MA's), (80, 17645), (Start: 99 @17702 has 367 MA's), (Start: 107 @17720 has 20 MA's), (163, 17840), (165, 17852), (200, 17936), (263, 18065), (269, 18083), (291, 18143), (304, 18200), (318, 18254), (335, 18335), (338, 18347), (343, 18365), (363, 18440),

Gene: Gezellig_23 Start: 16077, Stop: 16847, Start Num: 122

Candidate Starts for Gezellig_23:

(84, 15984), (Start: 122 @16077 has 34 MA's), (139, 16119), (170, 16200), (222, 16305), (253, 16380), (255, 16386), (260, 16407), (263, 16416), (276, 16455), (285, 16476), (320, 16617), (322, 16626), (353, 16767), (355, 16773), (381, 16830),

Gene: GinPorsche_19 Start: 16591, Stop: 17403, Start Num: 74

Candidate Starts for GinPorsche_19:

(Start: 74 @16591 has 3 MA's), (82, 16612), (87, 16627), (Start: 99 @16660 has 367 MA's), (160, 16771), (163, 16777), (Start: 164 @16780 has 12 MA's), (177, 16825), (246, 16954), (260, 16999), (269, 17026), (277, 17050), (284, 17062), (292, 17092), (303, 17137), (308, 17161), (330, 17254), (341, 17305), (351, 17350), (355, 17362), (361, 17380), (368, 17395),

Gene: Gina_32 Start: 17796, Stop: 18707, Start Num: 71

Candidate Starts for Gina_32:

(Start: 71 @17796 has 42 MA's), (Start: 75 @17808 has 4 MA's), (118, 17898), (170, 18024), (175, 18042), (177, 18048), (228, 18177), (269, 18312), (294, 18393), (300, 18414), (303, 18429), (306, 18447), (308, 18453), (323, 18504), (336, 18576), (340, 18594), (355, 18648), (368, 18675),

Gene: Giraffe_22 Start: 16779, Stop: 17516, Start Num: 99

Candidate Starts for Giraffe_22:

(Start: 99 @16779 has 367 MA's), (Start: 122 @16821 has 34 MA's), (158, 16893), (160, 16899), (Start: 164 @16908 has 12 MA's), (165, 16917), (214, 17013), (253, 17085), (255, 17091), (258, 17103), (275, 17154), (300, 17235), (306, 17268), (308, 17274), (329, 17355), (330, 17367), (335, 17391), (341, 17418), (361, 17493), (368, 17508),

Gene: Glass_24 Start: 19250, Stop: 20035, Start Num: 93

Candidate Starts for Glass_24:

(Start: 93 @19250 has 34 MA's), (138, 19361), (155, 19397), (Start: 161 @19418 has 3 MA's), (163, 19421), (177, 19469), (193, 19505), (253, 19607), (260, 19634), (263, 19643), (269, 19661), (276, 19682), (303, 19775), (308, 19799), (314, 19820), (329, 19877), (330, 19889), (331, 19892), (338, 19922), (349, 19973), (366, 20024),

Gene: GlenHope_24 Start: 17636, Stop: 18469, Start Num: 73

Candidate Starts for GlenHope_24:

(Start: 73 @17636 has 11 MA's), (80, 17654), (Start: 99 @17711 has 367 MA's), (Start: 107 @17729 has 20 MA's), (163, 17849), (165, 17861), (200, 17945), (263, 18074), (269, 18092), (291, 18152), (304, 18209), (318, 18263), (335, 18344), (338, 18356), (343, 18374), (363, 18449),

Gene: Glorp_32 Start: 18017, Stop: 18931, Start Num: 71

Candidate Starts for Glorp_32:

(Start: 71 @18017 has 42 MA's), (Start: 75 @18029 has 4 MA's), (118, 18119), (175, 18263), (218, 18371), (228, 18398), (230, 18404), (269, 18533), (294, 18617), (303, 18653), (323, 18728), (336, 18800), (340, 18818), (355, 18872),

Gene: Glubnar_24 Start: 17651, Stop: 18484, Start Num: 73

Candidate Starts for Glubnar_24:

(Start: 73 @17651 has 11 MA's), (80, 17669), (Start: 99 @17726 has 367 MA's), (Start: 107 @17744 has 20 MA's), (163, 17864), (165, 17876), (200, 17960), (263, 18089), (269, 18107), (291, 18167), (304, 18224), (318, 18278), (335, 18359), (338, 18371), (343, 18389), (363, 18464),

Gene: GodPhather_17 Start: 16807, Stop: 17544, Start Num: 101

Candidate Starts for GodPhather_17:

(Start: 101 @16807 has 8 MA's), (Start: 107 @16819 has 20 MA's), (Start: 164 @16942 has 12 MA's), (165, 16951), (184, 17008), (193, 17023), (201, 17038), (234, 17065), (241, 17086), (246, 17101), (253, 17119), (261, 17149), (263, 17155), (268, 17170), (289, 17230), (303, 17284), (304, 17287), (311, 17320), (313, 17326), (314, 17329), (330, 17398), (333, 17407), (335, 17422), (350, 17488), (355, 17503), (361, 17521), (368, 17536),

Gene: Godines_24 Start: 19143, Stop: 19928, Start Num: 93

Candidate Starts for Godines_24:

(Start: 93 @19143 has 34 MA's), (138, 19254), (155, 19290), (Start: 161 @19311 has 3 MA's), (163, 19314), (177, 19362), (193, 19398), (253, 19500), (260, 19527), (261, 19530), (263, 19536), (269, 19554), (276, 19575), (303, 19668), (308, 19692), (314, 19713), (329, 19770), (330, 19782), (331, 19785), (338, 19815), (349, 19866), (366, 19917),

Gene: GodonK_79 Start: 39897, Stop: 40520, Start Num: 190

Candidate Starts for GodonK_79:

(Start: 190 @39897 has 2 MA's), (219, 39948), (223, 39957), (303, 40203), (323, 40278), (329, 40308), (333, 40329),

Gene: GoldenEssence_70 Start: 45713, Stop: 46402, Start Num: 164

Candidate Starts for GoldenEssence_70:

(Start: 164 @45713 has 12 MA's), (250, 45911), (277, 45998), (281, 46010), (286, 46031), (290, 46049), (294, 46067), (300, 46088), (307, 46124), (321, 46172), (326, 46187), (338, 46256), (339, 46259),

Gene: Gophee_22 Start: 17057, Stop: 17794, Start Num: 99

Candidate Starts for Gophee_22:

(Start: 99 @17057 has 367 MA's), (158, 17171), (160, 17177), (Start: 164 @17186 has 12 MA's), (165, 17195), (214, 17291), (253, 17363), (255, 17369), (258, 17381), (275, 17432), (300, 17513), (306, 17546), (308, 17552), (329, 17633), (330, 17645), (335, 17669), (341, 17696), (350, 17738), (361, 17771), (368, 17786),

Gene: Grand2040_21 Start: 16794, Stop: 17531, Start Num: 99

Candidate Starts for Grand2040_21:

(Start: 99 @16794 has 367 MA's), (Start: 122 @16836 has 34 MA's), (158, 16908), (160, 16914), (Start: 164 @16923 has 12 MA's), (165, 16932), (214, 17028), (253, 17100), (255, 17106), (258, 17118), (275, 17169), (300, 17250), (306, 17283), (308, 17289), (329, 17370), (330, 17382), (335, 17406), (341, 17433), (361, 17508), (368, 17523),

Gene: Grassboy_32 Start: 21184, Stop: 22032, Start Num: 110

Candidate Starts for Grassboy_32:

(Start: 110 @21184 has 51 MA's), (139, 21247), (152, 21277), (172, 21340), (196, 21397), (202, 21409), (236, 21490), (269, 21598), (303, 21721), (306, 21739), (351, 21931),

Gene: GreenChile_22 Start: 17071, Stop: 17808, Start Num: 99

Candidate Starts for GreenChile_22:

(Start: 99 @17071 has 367 MA's), (158, 17185), (160, 17191), (Start: 164 @17200 has 12 MA's), (165, 17209), (214, 17305), (253, 17377), (255, 17383), (258, 17395), (275, 17446), (300, 17527), (306, 17560), (308, 17566), (329, 17647), (330, 17659), (335, 17683), (341, 17710), (361, 17785), (368, 17800),

Gene: Grumio_50 Start: 27359, Stop: 28105, Start Num: 116

Candidate Starts for Grumio_50:

(Start: 105 @27335 has 1 MA's), (113, 27353), (Start: 116 @27359 has 85 MA's), (Start: 127 @27374 has 1 MA's), (175, 27509), (189, 27542), (192, 27545), (204, 27566), (210, 27575), (350, 28025), (370, 28076),

Gene: Gustavo_26 Start: 20171, Stop: 20938, Start Num: 116

Candidate Starts for Gustavo_26:

(Start: 116 @20171 has 85 MA's), (139, 20219), (163, 20276), (165, 20288), (249, 20465), (269, 20525), (285, 20567), (303, 20645), (306, 20663), (317, 20699), (330, 20759), (346, 20825),

Gene: Gwennie1_22 Start: 17096, Stop: 17833, Start Num: 99

Candidate Starts for Gwennie1_22:

(Start: 99 @17096 has 367 MA's), (158, 17210), (160, 17216), (Start: 164 @17225 has 12 MA's), (165, 17234), (214, 17330), (253, 17402), (255, 17408), (258, 17420), (275, 17471), (300, 17552), (306, 17585), (308, 17591), (329, 17672), (330, 17684), (335, 17708), (341, 17735), (361, 17810), (368, 17825),

Gene: Gwilliam_22 Start: 17067, Stop: 17804, Start Num: 99

Candidate Starts for Gwilliam_22:

(Start: 99 @17067 has 367 MA's), (158, 17181), (160, 17187), (Start: 164 @17196 has 12 MA's), (165, 17205), (214, 17301), (253, 17373), (255, 17379), (258, 17391), (275, 17442), (300, 17523), (306, 17556), (308, 17562), (329, 17643), (330, 17655), (335, 17679), (341, 17706), (361, 17781), (368, 17796),

Gene: Gyarad_0022 Start: 17069, Stop: 17806, Start Num: 99

Candidate Starts for Gyarad_0022:

(Start: 99 @17069 has 367 MA's), (Start: 122 @17111 has 34 MA's), (158, 17183), (160, 17189), (Start: 164 @17198 has 12 MA's), (165, 17207), (214, 17303), (253, 17375), (255, 17381), (258, 17393), (275, 17444), (300, 17525), (306, 17558), (308, 17564), (329, 17645), (330, 17657), (335, 17681), (341, 17708), (350, 17750), (361, 17783), (368, 17798),

Gene: HSavage_22 Start: 17077, Stop: 17814, Start Num: 99

Candidate Starts for HSavage_22:

(Start: 99 @17077 has 367 MA's), (Start: 122 @17119 has 34 MA's), (158, 17191), (160, 17197), (Start: 164 @17206 has 12 MA's), (165, 17215), (214, 17311), (253, 17383), (255, 17389), (258, 17401), (275, 17452), (300, 17533), (306, 17566), (308, 17572), (329, 17653), (330, 17665), (335, 17689), (341, 17716), (350, 17758), (361, 17791), (368, 17806),

Gene: Haimas_22 Start: 17072, Stop: 17809, Start Num: 99

Candidate Starts for Haimas_22:

(Start: 99 @17072 has 367 MA's), (158, 17186), (160, 17192), (Start: 164 @17201 has 12 MA's), (165, 17210), (214, 17306), (253, 17378), (255, 17384), (258, 17396), (275, 17447), (300, 17528), (306, 17561), (308, 17567), (329, 17648), (330, 17660), (335, 17684), (341, 17711), (350, 17753), (361, 17786), (368, 17801),

Gene: Haleema_21 Start: 16794, Stop: 17531, Start Num: 99

Candidate Starts for Haleema_21:

(Start: 99 @16794 has 367 MA's), (158, 16908), (160, 16914), (Start: 164 @16923 has 12 MA's), (165, 16932), (214, 17028), (253, 17100), (255, 17106), (258, 17118), (275, 17169), (300, 17250), (306, 17283), (308, 17289), (329, 17370), (330, 17382), (335, 17406), (341, 17433), (350, 17475), (361, 17508), (368, 17523),

Gene: Halfpint_22 Start: 17546, Stop: 18304, Start Num: 99

Candidate Starts for Halfpint_22:

(Start: 73 @17471 has 11 MA's), (80, 17489), (Start: 99 @17546 has 367 MA's), (Start: 107 @17564 has 20 MA's), (163, 17684), (165, 17696), (200, 17780), (263, 17909), (269, 17927), (291, 17987), (304, 18044), (318, 18098), (335, 18179), (338, 18191), (343, 18209), (363, 18284),

Gene: Hally898_19 Start: 16591, Stop: 17403, Start Num: 74

Candidate Starts for Hally898_19:

(Start: 74 @16591 has 3 MA's), (82, 16612), (87, 16627), (Start: 99 @16660 has 367 MA's), (160, 16771), (163, 16777), (Start: 164 @16780 has 12 MA's), (177, 16825), (246, 16954), (260, 16999), (269, 17026), (277, 17050), (284, 17062), (292, 17092), (303, 17137), (308, 17161), (330, 17254), (341, 17305), (351, 17350), (355, 17362), (361, 17380), (368, 17395),

Gene: Halo3_24 Start: 16370, Stop: 17140, Start Num: 122

Candidate Starts for Halo3_24:

(Start: 122 @16370 has 34 MA's), (139, 16412), (170, 16493), (177, 16517), (222, 16598), (253, 16673), (255, 16679), (260, 16700), (263, 16709), (276, 16748), (320, 16910), (353, 17060), (355, 17066), (381, 17123),

Gene: Hamish_22 Start: 17064, Stop: 17801, Start Num: 99

Candidate Starts for Hamish_22:

(Start: 99 @17064 has 367 MA's), (158, 17178), (160, 17184), (Start: 164 @17193 has 12 MA's), (165, 17202), (214, 17298), (253, 17370), (255, 17376), (258, 17388), (275, 17439), (300, 17520), (306, 17553), (308, 17559), (329, 17640), (330, 17652), (335, 17676), (341, 17703), (350, 17745), (361, 17778), (368, 17793),

Gene: Hangman_20 Start: 17693, Stop: 18436, Start Num: 99

Candidate Starts for Hangman_20:

(Start: 99 @17693 has 367 MA's), (160, 17804), (163, 17810), (177, 17858), (246, 17987), (260, 18032), (269, 18059), (277, 18083), (284, 18095), (292, 18125), (303, 18170), (308, 18194), (335, 18311), (341, 18338), (351, 18383), (355, 18395), (361, 18413), (368, 18428),

Gene: Hans_27 Start: 19636, Stop: 20430, Start Num: 116

Candidate Starts for Hans_27:

(Start: 116 @19636 has 85 MA's), (129, 19657), (150, 19708), (177, 19789), (213, 19849), (224, 19867), (226, 19870), (269, 20011), (277, 20035), (285, 20053), (307, 20152), (330, 20245), (331, 20248), (336, 20275), (346, 20311), (368, 20383), (380, 20410),

Gene: Happabalu_22 Start: 16766, Stop: 17503, Start Num: 99

Candidate Starts for Happabalu_22:

(Start: 99 @16766 has 367 MA's), (158, 16880), (160, 16886), (Start: 164 @16895 has 12 MA's), (165, 16904), (214, 17000), (253, 17072), (255, 17078), (258, 17090), (275, 17141), (300, 17222), (306, 17255), (308, 17261), (329, 17342), (330, 17354), (335, 17378), (341, 17405), (361, 17480), (368, 17495),

Gene: Hartsy_22 Start: 17067, Stop: 17804, Start Num: 99

Candidate Starts for Hartsy_22:

(Start: 99 @17067 has 367 MA's), (158, 17181), (160, 17187), (Start: 164 @17196 has 12 MA's), (165, 17205), (214, 17301), (253, 17373), (255, 17379), (258, 17391), (275, 17442), (300, 17523), (306, 17556), (308, 17562), (329, 17643), (330, 17655), (335, 17679), (341, 17706), (361, 17781), (368, 17796),

Gene: Harvey_22 Start: 17093, Stop: 17830, Start Num: 99

Candidate Starts for Harvey_22:

(Start: 99 @17093 has 367 MA's), (158, 17207), (160, 17213), (Start: 164 @17222 has 12 MA's), (165, 17231), (214, 17327), (253, 17399), (255, 17405), (258, 17417), (275, 17468), (300, 17549), (306, 17582), (308, 17588), (329, 17669), (330, 17681), (335, 17705), (341, 17732), (361, 17807), (368, 17822),

Gene: HarveySr_23 Start: 17698, Stop: 18456, Start Num: 99

Candidate Starts for HarveySr_23:

(Start: 73 @17623 has 11 MA's), (80, 17641), (Start: 99 @17698 has 367 MA's), (Start: 107 @17716 has 20 MA's), (163, 17836), (165, 17848), (200, 17932), (269, 18079), (291, 18139), (304, 18196), (318, 18250), (335, 18331), (338, 18343), (343, 18361), (363, 18436),

Gene: Hashim76_26 Start: 17548, Stop: 18297, Start Num: 99

Candidate Starts for Hashim76_26:

(Start: 99 @17548 has 367 MA's), (Start: 164 @17677 has 12 MA's), (205, 17770), (263, 17899), (269, 17917), (276, 17938), (303, 18028), (308, 18052), (311, 18064), (330, 18148), (341, 18199), (368, 18289),

Gene: Heath_19 Start: 17324, Stop: 18067, Start Num: 99

Candidate Starts for Heath_19:

(83, 17282), (Start: 99 @17324 has 367 MA's), (160, 17435), (163, 17441), (177, 17489), (246, 17618), (260, 17663), (269, 17690), (271, 17693), (277, 17714), (284, 17726), (292, 17756), (303, 17801), (308, 17825), (335, 17942), (341, 17969), (351, 18014), (355, 18026), (361, 18044), (368, 18059),

Gene: Heathcliff_23 Start: 17701, Stop: 18441, Start Num: 107

Candidate Starts for Heathcliff_23:

(Start: 73 @17608 has 11 MA's), (80, 17626), (Start: 99 @17683 has 367 MA's), (Start: 107 @17701 has 20 MA's), (163, 17821), (165, 17833), (200, 17917), (263, 18046), (269, 18064), (291, 18124), (304, 18181), (318, 18235), (335, 18316), (338, 18328), (343, 18346), (363, 18421),

Gene: Hedgerow_24 Start: 19232, Stop: 20017, Start Num: 93

Candidate Starts for Hedgerow_24:

(Start: 93 @19232 has 34 MA's), (138, 19343), (155, 19379), (Start: 161 @19400 has 3 MA's), (163, 19403), (177, 19451), (193, 19487), (253, 19589), (260, 19616), (263, 19625), (269, 19643), (276, 19664), (303, 19757), (308, 19781), (314, 19802), (329, 19859), (330, 19871), (331, 19874), (338, 19904), (349, 19955), (366, 20006),

Gene: Hecos_19 Start: 15622, Stop: 16359, Start Num: 99

Candidate Starts for Hecos_19:

(Start: 99 @15622 has 367 MA's), (158, 15736), (160, 15742), (Start: 164 @15751 has 12 MA's), (165, 15760), (214, 15856), (253, 15928), (255, 15934), (258, 15946), (275, 15997), (300, 16078), (306, 16111), (308, 16117), (329, 16198), (330, 16210), (335, 16234), (341, 16261), (361, 16336), (368, 16351),

Gene: Held_22 Start: 16778, Stop: 17515, Start Num: 99

Candidate Starts for Held_22:

(Start: 99 @16778 has 367 MA's), (Start: 122 @16820 has 34 MA's), (158, 16892), (160, 16898), (Start: 164 @16907 has 12 MA's), (165, 16916), (214, 17012), (253, 17084), (255, 17090), (258, 17102), (275, 17153), (300, 17234), (306, 17267), (308, 17273), (329, 17354), (330, 17366), (335, 17390), (341, 17417), (361, 17492), (368, 17507),

Gene: Hendrix_63 Start: 36633, Stop: 37523, Start Num: 89

Candidate Starts for Hendrix_63:

(Start: 89 @36633 has 2 MA's), (145, 36747), (158, 36780), (175, 36834), (227, 36945), (228, 36951), (236, 36978), (258, 37050), (260, 37059), (263, 37068), (268, 37083), (278, 37110), (279, 37113), (286, 37131), (291, 37149), (303, 37224), (308, 37248), (317, 37278), (334, 37353), (339, 37380), (352, 37440), (358, 37452), (373, 37491), (383, 37503),

Gene: HenryJackson_21 Start: 16794, Stop: 17531, Start Num: 99

Candidate Starts for HenryJackson_21:

(Start: 99 @16794 has 367 MA's), (158, 16908), (160, 16914), (Start: 164 @16923 has 12 MA's), (165, 16932), (214, 17028), (253, 17100), (255, 17106), (258, 17118), (275, 17169), (300, 17250), (306, 17283), (308, 17289), (329, 17370), (330, 17382), (335, 17406), (341, 17433), (350, 17475), (361, 17508), (368, 17523),

Gene: Hermeonysus_30 Start: 17889, Stop: 18803, Start Num: 71

Candidate Starts for Hermeonysus_30:

(Start: 71 @17889 has 42 MA's), (118, 17991), (175, 18135), (218, 18243), (228, 18270), (230, 18276), (269, 18405), (294, 18489), (323, 18600), (336, 18672), (340, 18690), (355, 18744),

Gene: Hertubise_22 Start: 17086, Stop: 17823, Start Num: 99

Candidate Starts for Hertubise_22:

(Start: 99 @17086 has 367 MA's), (158, 17200), (160, 17206), (Start: 164 @17215 has 12 MA's), (165, 17224), (214, 17320), (253, 17392), (255, 17398), (258, 17410), (275, 17461), (300, 17542), (306, 17575), (308, 17581), (329, 17662), (330, 17674), (335, 17698), (341, 17725), (350, 17767), (361, 17800), (368, 17815),

Gene: Hetaeria_22 Start: 17087, Stop: 17824, Start Num: 99

Candidate Starts for Hetaeria_22:

(Start: 99 @17087 has 367 MA's), (Start: 122 @17129 has 34 MA's), (158, 17201), (160, 17207), (Start: 164 @17216 has 12 MA's), (165, 17225), (214, 17321), (253, 17393), (255, 17399), (258, 17411), (275, 17462), (300, 17543), (306, 17576), (308, 17582), (329, 17663), (330, 17675), (335, 17699), (341, 17726), (361, 17801), (368, 17816),

Gene: HighStump_21 Start: 16777, Stop: 17514, Start Num: 99

Candidate Starts for HighStump_21:

(Start: 99 @16777 has 367 MA's), (Start: 122 @16819 has 34 MA's), (158, 16891), (160, 16897), (Start: 164 @16906 has 12 MA's), (165, 16915), (214, 17011), (253, 17083), (255, 17089), (258, 17101), (275, 17152), (300, 17233), (306, 17266), (308, 17272), (329, 17353), (330, 17365), (335, 17389), (341, 17416), (361, 17491), (368, 17506),

Gene: Hive_31 Start: 19272, Stop: 19889, Start Num: 146

Candidate Starts for Hive_31:

(Start: 146 @19272 has 19 MA's), (180, 19365), (258, 19461), (277, 19521), (300, 19569), (314, 19629), (317, 19638), (336, 19731), (347, 19773), (349, 19782), (378, 19854),

Gene: Hocus_21 Start: 16780, Stop: 17517, Start Num: 99

Candidate Starts for Hocus_21:

(Start: 99 @16780 has 367 MA's), (158, 16894), (160, 16900), (Start: 164 @16909 has 12 MA's), (165, 16918), (214, 17014), (253, 17086), (255, 17092), (258, 17104), (275, 17155), (300, 17236), (306, 17269), (308, 17275), (329, 17356), (330, 17368), (335, 17392), (341, 17419), (361, 17494), (368, 17509),

Gene: HogWash_21 Start: 17074, Stop: 17811, Start Num: 99

Candidate Starts for HogWash_21:

(Start: 99 @17074 has 367 MA's), (158, 17188), (160, 17194), (Start: 164 @17203 has 12 MA's), (165, 17212), (214, 17308), (253, 17380), (255, 17386), (258, 17398), (275, 17449), (300, 17530), (306, 17563), (308, 17569), (329, 17650), (330, 17662), (335, 17686), (341, 17713), (361, 17788), (368, 17803),

Gene: Holeinone_24 Start: 19128, Stop: 19913, Start Num: 93

Candidate Starts for Holeinone_24:

(Start: 93 @19128 has 34 MA's), (138, 19239), (155, 19275), (Start: 161 @19296 has 3 MA's), (163, 19299), (177, 19347), (193, 19383), (253, 19485), (260, 19512), (263, 19521), (269, 19539), (276, 19560), (303, 19653), (308, 19677), (314, 19698), (329, 19755), (330, 19767), (331, 19770), (338, 19800), (349, 19851), (366, 19902),

Gene: Honeyfin_32 Start: 18204, Stop: 19118, Start Num: 71

Candidate Starts for Honeyfin_32:

(Start: 71 @18204 has 42 MA's), (Start: 75 @18216 has 4 MA's), (118, 18306), (175, 18450), (218, 18558), (228, 18585), (230, 18591), (269, 18720), (294, 18804), (323, 18915), (336, 18987), (340, 19005), (355, 19059),

Gene: Horchata_22 Start: 17056, Stop: 17793, Start Num: 99

Candidate Starts for Horchata_22:

(Start: 99 @17056 has 367 MA's), (Start: 122 @17098 has 34 MA's), (158, 17170), (160, 17176), (Start: 164 @17185 has 12 MA's), (165, 17194), (214, 17290), (253, 17362), (255, 17368), (258, 17380), (275, 17431), (300, 17512), (306, 17545), (308, 17551), (329, 17632), (330, 17644), (335, 17668), (341, 17695), (361, 17770), (368, 17785),

Gene: Hosp_016 Start: 14439, Stop: 15182, Start Num: 99

Candidate Starts for Hosp_016:

(Start: 99 @14439 has 367 MA's), (113, 14466), (134, 14499), (158, 14550), (175, 14604), (177, 14610), (200, 14658), (212, 14673), (236, 14703), (251, 14748), (258, 14769), (263, 14787), (265, 14790), (268, 14802), (303, 14916), (308, 14940), (330, 15033), (335, 15057), (341, 15084), (361, 15159), (368, 15174),

Gene: Hydro_20 Start: 17692, Stop: 18435, Start Num: 99

Candidate Starts for Hydro_20:

(Start: 99 @17692 has 367 MA's), (160, 17803), (163, 17809), (177, 17857), (246, 17986), (253, 18004), (260, 18031), (269, 18058), (277, 18082), (284, 18094), (292, 18124), (303, 18169), (308, 18193), (341, 18337), (351, 18382), (355, 18394), (361, 18412), (368, 18427),

Gene: Hyperion_30 Start: 20967, Stop: 21815, Start Num: 110

Candidate Starts for Hyperion_30:

(Start: 110 @20967 has 51 MA's), (139, 21030), (152, 21060), (172, 21123), (196, 21180), (202, 21192), (236, 21273), (269, 21381), (303, 21504), (306, 21522), (351, 21714),

Gene: ImtiyazSitla_21 Start: 16621, Stop: 17358, Start Num: 99

Candidate Starts for ImtiyazSitla_21:

(Start: 99 @16621 has 367 MA's), (158, 16735), (160, 16741), (Start: 164 @16750 has 12 MA's), (165, 16759), (214, 16855), (253, 16927), (255, 16933), (258, 16945), (275, 16996), (300, 17077), (306, 17110), (308, 17116), (329, 17197), (330, 17209), (335, 17233), (341, 17260), (361, 17335), (368, 17350),

Gene: Imvubu_16 Start: 14833, Stop: 15573, Start Num: 99

Candidate Starts for Imvubu_16:

(Start: 99 @14833 has 367 MA's), (Start: 107 @14851 has 20 MA's), (Start: 164 @14953 has 12 MA's), (205, 15046), (210, 15058), (260, 15166), (263, 15175), (268, 15190), (276, 15214), (308, 15328), (311, 15340), (321, 15373), (333, 15433), (349, 15511), (350, 15517), (361, 15550),

Gene: Inchworm_22 Start: 17063, Stop: 17800, Start Num: 99

Candidate Starts for Inchworm_22:

(Start: 99 @17063 has 367 MA's), (158, 17177), (160, 17183), (Start: 164 @17192 has 12 MA's), (165, 17201), (214, 17297), (253, 17369), (255, 17375), (258, 17387), (275, 17438), (300, 17519), (306,

17552), (308, 17558), (329, 17639), (330, 17651), (335, 17675), (341, 17702), (350, 17744), (361, 17777), (368, 17792),

Gene: Indlovu_20 Start: 17400, Stop: 18170, Start Num: 99

Candidate Starts for Indlovu_20:

(Start: 99 @17400 has 367 MA's), (Start: 107 @17418 has 20 MA's), (132, 17463), (160, 17532), (163, 17538), (194, 17622), (210, 17655), (235, 17682), (260, 17763), (266, 17778), (271, 17793), (276, 17811), (294, 17865), (308, 17925), (314, 17946), (341, 18072), (368, 18162),

Gene: Inspectinfecti_26 Start: 20060, Stop: 20854, Start Num: 116

Candidate Starts for Inspectinfecti_26:

(Start: 116 @20060 has 85 MA's), (129, 20081), (150, 20132), (177, 20213), (213, 20273), (224, 20291), (226, 20294), (269, 20435), (277, 20459), (285, 20477), (307, 20576), (330, 20669), (331, 20672), (336, 20699), (346, 20735), (368, 20807), (380, 20834),

Gene: Inverness_22 Start: 17077, Stop: 17814, Start Num: 99

Candidate Starts for Inverness_22:

(Start: 99 @17077 has 367 MA's), (Start: 122 @17119 has 34 MA's), (158, 17191), (160, 17197), (Start: 164 @17206 has 12 MA's), (165, 17215), (214, 17311), (253, 17383), (255, 17389), (258, 17401), (275, 17452), (300, 17533), (306, 17566), (308, 17572), (330, 17665), (335, 17689), (341, 17716), (361, 17791), (368, 17806),

Gene: Iridessa_22 Start: 16746, Stop: 17483, Start Num: 99

Candidate Starts for Iridessa_22:

(Start: 99 @16746 has 367 MA's), (158, 16860), (160, 16866), (Start: 164 @16875 has 12 MA's), (165, 16884), (214, 16980), (253, 17052), (255, 17058), (258, 17070), (275, 17121), (300, 17202), (306, 17235), (308, 17241), (329, 17322), (330, 17334), (335, 17358), (341, 17385), (350, 17427), (361, 17460), (368, 17475),

Gene: Iridoclysis_22 Start: 17051, Stop: 17788, Start Num: 99

Candidate Starts for Iridoclysis_22:

(Start: 99 @17051 has 367 MA's), (158, 17165), (160, 17171), (Start: 164 @17180 has 12 MA's), (165, 17189), (214, 17285), (253, 17357), (255, 17363), (258, 17375), (275, 17426), (300, 17507), (306, 17540), (308, 17546), (329, 17627), (330, 17639), (335, 17663), (341, 17690), (350, 17732), (361, 17765), (368, 17780),

Gene: IsaacEli_22 Start: 17081, Stop: 17818, Start Num: 99

Candidate Starts for IsaacEli_22:

(Start: 99 @17081 has 367 MA's), (158, 17195), (160, 17201), (Start: 164 @17210 has 12 MA's), (165, 17219), (214, 17315), (253, 17387), (255, 17393), (258, 17405), (275, 17456), (300, 17537), (306, 17570), (308, 17576), (329, 17657), (330, 17669), (335, 17693), (341, 17720), (350, 17762), (361, 17795), (368, 17810),

Gene: ItsyBitsy1_24 Start: 19121, Stop: 19906, Start Num: 93

Candidate Starts for ItsyBitsy1_24:

(Start: 93 @19121 has 34 MA's), (138, 19232), (155, 19268), (Start: 161 @19289 has 3 MA's), (163, 19292), (177, 19340), (193, 19376), (253, 19478), (260, 19505), (263, 19514), (269, 19532), (276, 19553), (303, 19646), (308, 19670), (314, 19691), (329, 19748), (330, 19760), (331, 19763), (338, 19793), (349, 19844), (366, 19895),

Gene: JAMaL_20 Start: 17843, Stop: 18616, Start Num: 86

Candidate Starts for JAMaL_20:

(Start: 86 @17843 has 1 MA's), (Start: 99 @17873 has 367 MA's), (147, 17951), (160, 17984), (163, 17990), (Start: 164 @17993 has 12 MA's), (177, 18038), (210, 18104), (235, 18131), (241, 18152), (246, 18167), (255, 18191), (260, 18212), (269, 18239), (271, 18242), (284, 18275), (303, 18350), (308, 18374), (330, 18467), (335, 18491), (351, 18563), (361, 18593), (368, 18608),

Gene: JDog_21 Start: 16787, Stop: 17524, Start Num: 99

Candidate Starts for JDog_21:

(Start: 99 @16787 has 367 MA's), (158, 16901), (160, 16907), (Start: 164 @16916 has 12 MA's), (165, 16925), (214, 17021), (253, 17093), (255, 17099), (258, 17111), (275, 17162), (300, 17243), (306, 17276), (308, 17282), (329, 17363), (330, 17375), (335, 17399), (341, 17426), (361, 17501), (368, 17516),

Gene: JKSyngboy_24 Start: 20740, Stop: 21507, Start Num: 116

Candidate Starts for JKSyngboy_24:

(Start: 116 @20740 has 85 MA's), (139, 20788), (163, 20845), (165, 20857), (249, 21034), (269, 21094), (285, 21136), (303, 21214), (306, 21232), (317, 21268), (330, 21328), (346, 21394), (377, 21487),

Gene: Jabberwocky_25 Start: 22080, Stop: 22853, Start Num: 116

Candidate Starts for Jabberwocky_25:

(Start: 116 @22080 has 85 MA's), (139, 22128), (177, 22233), (253, 22380), (285, 22476), (303, 22554), (306, 22572), (318, 22611), (346, 22734), (381, 22836),

Gene: JacAttac_22 Start: 17063, Stop: 17800, Start Num: 99

Candidate Starts for JacAttac_22:

(Start: 99 @17063 has 367 MA's), (158, 17177), (160, 17183), (Start: 164 @17192 has 12 MA's), (165, 17201), (214, 17297), (253, 17369), (255, 17375), (258, 17387), (275, 17438), (300, 17519), (306, 17552), (308, 17558), (329, 17639), (330, 17651), (335, 17675), (341, 17702), (350, 17744), (361, 17777), (368, 17792),

Gene: Jackstina_21 Start: 17572, Stop: 18405, Start Num: 73

Candidate Starts for Jackstina_21:

(Start: 73 @17572 has 11 MA's), (80, 17590), (Start: 99 @17647 has 367 MA's), (Start: 107 @17665 has 20 MA's), (163, 17785), (165, 17797), (200, 17881), (263, 18010), (269, 18028), (291, 18088), (304, 18145), (318, 18199), (335, 18280), (338, 18292), (343, 18310), (363, 18385),

Gene: JaguarMi_20 Start: 17154, Stop: 17897, Start Num: 99

Candidate Starts for JaguarMi_20:

(83, 17112), (Start: 99 @17154 has 367 MA's), (160, 17265), (163, 17271), (177, 17319), (246, 17448), (260, 17493), (269, 17520), (277, 17544), (284, 17556), (292, 17586), (303, 17631), (308, 17655), (329, 17736), (341, 17799), (351, 17844), (355, 17856), (361, 17874), (368, 17889),

Gene: JakeO_21 Start: 16787, Stop: 17524, Start Num: 99

Candidate Starts for JakeO_21:

(Start: 99 @16787 has 367 MA's), (158, 16901), (160, 16907), (Start: 164 @16916 has 12 MA's), (165, 16925), (214, 17021), (253, 17093), (255, 17099), (258, 17111), (275, 17162), (300, 17243), (306, 17276), (308, 17282), (329, 17363), (330, 17375), (335, 17399), (341, 17426), (361, 17501), (368, 17516),

Gene: Jambalaya_23 Start: 15724, Stop: 16494, Start Num: 122

Candidate Starts for Jambalaya_23:

(Start: 122 @15724 has 34 MA's), (139, 15766), (170, 15847), (177, 15871), (222, 15952), (253, 16027), (255, 16033), (260, 16054), (263, 16063), (276, 16102), (320, 16264), (353, 16414), (355,

16420), (381, 16477),

Gene: JangoPhett_22 Start: 17061, Stop: 17798, Start Num: 99

Candidate Starts for JangoPhett_22:

(Start: 99 @17061 has 367 MA's), (158, 17175), (160, 17181), (Start: 164 @17190 has 12 MA's), (165, 17199), (214, 17295), (253, 17367), (255, 17373), (258, 17385), (275, 17436), (300, 17517), (306, 17550), (308, 17556), (329, 17637), (330, 17649), (335, 17673), (341, 17700), (350, 17742), (361, 17775), (368, 17790),

Gene: Jayden_32 Start: 17952, Stop: 18854, Start Num: 75

Candidate Starts for Jayden_32:

(44, 17778), (60, 17895), (Start: 71 @17940 has 42 MA's), (Start: 75 @17952 has 4 MA's), (118, 18042), (170, 18168), (175, 18186), (228, 18321), (269, 18456), (294, 18540), (300, 18561), (303, 18576), (323, 18651), (336, 18723), (340, 18741), (355, 18795), (368, 18822),

Gene: Jefe_31 Start: 17941, Stop: 18855, Start Num: 71

Candidate Starts for Jefe_31:

(Start: 71 @17941 has 42 MA's), (Start: 75 @17953 has 4 MA's), (118, 18043), (175, 18187), (218, 18295), (228, 18322), (230, 18328), (269, 18457), (294, 18541), (323, 18652), (336, 18724), (340, 18742), (355, 18796),

Gene: Jehoshaphat_33 Start: 21489, Stop: 22337, Start Num: 110

Candidate Starts for Jehoshaphat_33:

(Start: 110 @21489 has 51 MA's), (139, 21552), (152, 21582), (172, 21645), (196, 21702), (202, 21714), (236, 21795), (269, 21903), (303, 22026), (306, 22044), (351, 22236),

Gene: JellyBelly_19 Start: 15493, Stop: 16239, Start Num: 99

Candidate Starts for JellyBelly_19:

(Start: 99 @15493 has 367 MA's), (Start: 107 @15511 has 20 MA's), (Start: 116 @15526 has 85 MA's), (147, 15592), (157, 15613), (214, 15736), (258, 15829), (263, 15847), (268, 15862), (284, 15901), (329, 16078), (330, 16090), (333, 16099), (338, 16126), (350, 16183), (361, 16216), (366, 16228),

Gene: Jeon_16 Start: 16549, Stop: 17286, Start Num: 101

Candidate Starts for Jeon_16:

(Start: 101 @16549 has 8 MA's), (Start: 107 @16561 has 20 MA's), (Start: 164 @16684 has 12 MA's), (165, 16693), (184, 16750), (193, 16765), (201, 16780), (234, 16807), (241, 16828), (246, 16843), (253, 16861), (261, 16891), (263, 16897), (268, 16912), (289, 16972), (303, 17026), (304, 17029), (311, 17062), (313, 17068), (314, 17071), (330, 17140), (333, 17149), (335, 17164), (350, 17230), (355, 17245), (361, 17263), (368, 17278),

Gene: Jesabah_22 Start: 16789, Stop: 17526, Start Num: 99

Candidate Starts for Jesabah_22:

(Start: 99 @16789 has 367 MA's), (Start: 122 @16831 has 34 MA's), (158, 16903), (160, 16909), (Start: 164 @16918 has 12 MA's), (165, 16927), (214, 17023), (253, 17095), (255, 17101), (258, 17113), (275, 17164), (300, 17245), (306, 17278), (308, 17284), (329, 17365), (330, 17377), (335, 17401), (341, 17428), (350, 17470), (361, 17503), (368, 17518),

Gene: Jillium_21 Start: 16787, Stop: 17524, Start Num: 99

Candidate Starts for Jillium_21:

(Start: 99 @16787 has 367 MA's), (158, 16901), (160, 16907), (Start: 164 @16916 has 12 MA's), (165, 16925), (214, 17021), (253, 17093), (255, 17099), (258, 17111), (275, 17162), (300, 17243), (306, 17276), (308, 17282), (329, 17363), (330, 17375), (335, 17399), (341, 17426), (350, 17468), (361,

17501), (368, 17516),

Gene: Jiminy_21 Start: 16625, Stop: 17362, Start Num: 99

Candidate Starts for Jiminy_21:

(Start: 99 @16625 has 367 MA's), (158, 16739), (160, 16745), (Start: 164 @16754 has 12 MA's), (165, 16763), (214, 16859), (253, 16931), (255, 16937), (258, 16949), (275, 17000), (300, 17081), (306, 17114), (308, 17120), (329, 17201), (330, 17213), (335, 17237), (341, 17264), (361, 17339), (368, 17354),

Gene: Jiraiya_21 Start: 16785, Stop: 17522, Start Num: 99

Candidate Starts for Jiraiya_21:

(Start: 99 @16785 has 367 MA's), (158, 16899), (160, 16905), (Start: 164 @16914 has 12 MA's), (165, 16923), (214, 17019), (253, 17091), (255, 17097), (258, 17109), (275, 17160), (300, 17241), (306, 17274), (308, 17280), (329, 17361), (330, 17373), (335, 17397), (341, 17424), (361, 17499), (368, 17514),

Gene: JohnLord_19 Start: 14438, Stop: 15136, Start Num: 128

Candidate Starts for JohnLord_19:

(Start: 96 @14378 has 4 MA's), (100, 14387), (128, 14438), (162, 14522), (165, 14534), (172, 14555), (201, 14621), (246, 14687), (253, 14705), (258, 14723), (260, 14732), (261, 14735), (311, 14906), (317, 14924), (346, 15056), (355, 15095), (368, 15128),

Gene: JohnPork_23 Start: 15972, Stop: 16742, Start Num: 122

Candidate Starts for JohnPork_23:

(84, 15879), (Start: 122 @15972 has 34 MA's), (139, 16014), (170, 16095), (222, 16200), (253, 16275), (255, 16281), (260, 16302), (263, 16311), (276, 16350), (285, 16371), (320, 16512), (322, 16521), (353, 16662), (355, 16668), (381, 16725),

Gene: Jolie1_018 Start: 16207, Stop: 16956, Start Num: 99

Candidate Starts for Jolie1_018:

(80, 16150), (Start: 99 @16207 has 367 MA's), (113, 16234), (134, 16267), (158, 16318), (175, 16372), (177, 16378), (204, 16432), (235, 16471), (251, 16522), (261, 16555), (263, 16561), (266, 16567), (268, 16576), (294, 16654), (303, 16690), (330, 16807), (335, 16831), (341, 16858), (361, 16933), (368, 16948),

Gene: Jollipop_31 Start: 18286, Stop: 19200, Start Num: 71

Candidate Starts for Jollipop_31:

(Start: 71 @18286 has 42 MA's), (Start: 75 @18298 has 4 MA's), (118, 18388), (175, 18532), (218, 18640), (228, 18667), (230, 18673), (269, 18802), (294, 18886), (323, 18997), (336, 19069), (340, 19087), (355, 19141),

Gene: Jollymon_50 Start: 27881, Stop: 28627, Start Num: 116

Candidate Starts for Jollymon_50:

(113, 27875), (Start: 116 @27881 has 85 MA's), (Start: 127 @27896 has 1 MA's), (175, 28031), (189, 28064), (192, 28067), (204, 28088), (210, 28097), (350, 28547), (370, 28598),

Gene: JoyceMaria_20 Start: 17693, Stop: 18436, Start Num: 99

Candidate Starts for JoyceMaria_20:

(Start: 99 @17693 has 367 MA's), (160, 17804), (163, 17810), (177, 17858), (246, 17987), (260, 18032), (269, 18059), (277, 18083), (284, 18095), (292, 18125), (303, 18170), (308, 18194), (351, 18383), (355, 18395), (361, 18413), (368, 18428),

Gene: Judebell_33 Start: 20998, Stop: 21846, Start Num: 110

Candidate Starts for Judebell_33:

(Start: 110 @20998 has 51 MA's), (139, 21061), (152, 21091), (172, 21154), (196, 21211), (202, 21223), (236, 21304), (269, 21412), (303, 21535), (306, 21553), (351, 21745),

Gene: KLucky39_22 Start: 17069, Stop: 17806, Start Num: 99

Candidate Starts for KLucky39_22:

(Start: 99 @17069 has 367 MA's), (Start: 122 @17111 has 34 MA's), (158, 17183), (160, 17189), (Start: 164 @17198 has 12 MA's), (165, 17207), (214, 17303), (253, 17375), (255, 17381), (258, 17393), (275, 17444), (300, 17525), (306, 17558), (308, 17564), (329, 17645), (330, 17657), (335, 17681), (341, 17708), (350, 17750), (361, 17783), (368, 17798),

Gene: KSunshine22_79 Start: 48592, Stop: 49281, Start Num: 164

Candidate Starts for KSunshine22_79:

(Start: 164 @48592 has 12 MA's), (297, 48955), (316, 49033), (318, 49039), (326, 49066), (329, 49087), (339, 49138),

Gene: Kahve_21 Start: 16791, Stop: 17528, Start Num: 99

Candidate Starts for Kahve_21:

(Start: 99 @16791 has 367 MA's), (Start: 122 @16833 has 34 MA's), (158, 16905), (160, 16911), (Start: 164 @16920 has 12 MA's), (165, 16929), (214, 17025), (253, 17097), (255, 17103), (258, 17115), (275, 17166), (300, 17247), (306, 17280), (308, 17286), (329, 17367), (330, 17379), (335, 17403), (341, 17430), (361, 17505), (368, 17520),

Gene: KaiHaiDragon_31 Start: 17880, Stop: 18794, Start Num: 71

Candidate Starts for KaiHaiDragon_31:

(Start: 71 @17880 has 42 MA's), (118, 17982), (175, 18126), (218, 18234), (228, 18261), (230, 18267), (269, 18396), (294, 18480), (323, 18591), (336, 18663), (340, 18681), (355, 18735),

Gene: Kailash_22 Start: 17079, Stop: 17816, Start Num: 99

Candidate Starts for Kailash_22:

(Start: 99 @17079 has 367 MA's), (158, 17193), (160, 17199), (Start: 164 @17208 has 12 MA's), (165, 17217), (214, 17313), (253, 17385), (255, 17391), (258, 17403), (275, 17454), (300, 17535), (306, 17568), (308, 17574), (329, 17655), (330, 17667), (335, 17691), (341, 17718), (361, 17793), (368, 17808),

Gene: Kaleb_24 Start: 19247, Stop: 20032, Start Num: 93

Candidate Starts for Kaleb_24:

(Start: 93 @19247 has 34 MA's), (138, 19358), (155, 19394), (Start: 161 @19415 has 3 MA's), (163, 19418), (177, 19466), (193, 19502), (253, 19604), (260, 19631), (263, 19640), (269, 19658), (276, 19679), (303, 19772), (308, 19796), (314, 19817), (329, 19874), (330, 19886), (331, 19889), (338, 19919), (349, 19970), (366, 20021),

Gene: Kamashten_26 Start: 21526, Stop: 22299, Start Num: 116

Candidate Starts for Kamashten_26:

(Start: 116 @21526 has 85 MA's), (139, 21574), (177, 21679), (253, 21826), (268, 21877), (285, 21922), (303, 22000), (306, 22018), (318, 22057), (330, 22114), (346, 22180), (381, 22282),

Gene: Kamiyu_23 Start: 17708, Stop: 18448, Start Num: 107

Candidate Starts for Kamiyu_23:

(Start: 73 @17615 has 11 MA's), (Start: 99 @17690 has 367 MA's), (Start: 107 @17708 has 20 MA's), (163, 17828), (200, 17924), (263, 18053), (269, 18071), (291, 18131), (304, 18188), (318, 18242), (335, 18323), (338, 18335), (343, 18353), (363, 18428),

Gene: KarasumaRum_24 Start: 17919, Stop: 18677, Start Num: 99

Candidate Starts for KarasumaRum_24:

(Start: 99 @17919 has 367 MA's), (163, 18045), (175, 18087), (212, 18168), (235, 18192), (251, 18243), (269, 18300), (284, 18336), (292, 18366), (294, 18375), (308, 18435), (341, 18579), (350, 18621), (368, 18669),

Gene: Karn_21 Start: 16785, Stop: 17522, Start Num: 99

Candidate Starts for Karn_21:

(Start: 99 @16785 has 367 MA's), (158, 16899), (160, 16905), (Start: 164 @16914 has 12 MA's), (165, 16923), (214, 17019), (253, 17091), (255, 17097), (258, 17109), (275, 17160), (300, 17241), (306, 17274), (308, 17280), (329, 17361), (330, 17373), (335, 17397), (341, 17424), (361, 17499), (368, 17514),

Gene: Katniss_22 Start: 17089, Stop: 17826, Start Num: 99

Candidate Starts for Katniss_22:

(Start: 99 @17089 has 367 MA's), (158, 17203), (160, 17209), (Start: 164 @17218 has 12 MA's), (165, 17227), (214, 17323), (253, 17395), (255, 17401), (258, 17413), (275, 17464), (300, 17545), (306, 17578), (308, 17584), (329, 17665), (330, 17677), (335, 17701), (341, 17728), (350, 17770), (361, 17803), (368, 17818),

Gene: KayaCho_18 Start: 16223, Stop: 16966, Start Num: 99

Candidate Starts for KayaCho_18:

(Start: 99 @16223 has 367 MA's), (113, 16250), (134, 16283), (158, 16334), (175, 16388), (200, 16442), (212, 16457), (251, 16532), (263, 16571), (265, 16574), (268, 16586), (303, 16700), (308, 16724), (333, 16826), (341, 16868), (361, 16943), (368, 16958),

Gene: Keitabear_27 Start: 22888, Stop: 23655, Start Num: 116

Candidate Starts for Keitabear_27:

(Start: 116 @22888 has 85 MA's), (139, 22936), (163, 22993), (177, 23041), (253, 23188), (269, 23242), (285, 23278), (303, 23356), (306, 23374), (318, 23413), (346, 23536), (381, 23638),

Gene: Keitherie_22 Start: 17092, Stop: 17829, Start Num: 99

Candidate Starts for Keitherie_22:

(Start: 99 @17092 has 367 MA's), (158, 17206), (160, 17212), (Start: 164 @17221 has 12 MA's), (165, 17230), (214, 17326), (253, 17398), (255, 17404), (258, 17416), (275, 17467), (300, 17548), (306, 17581), (308, 17587), (329, 17668), (330, 17680), (335, 17704), (341, 17731), (350, 17773), (361, 17806), (368, 17821),

Gene: Kelcole_29 Start: 19637, Stop: 20482, Start Num: 110

Candidate Starts for Kelcole_29:

(Start: 110 @19637 has 51 MA's), (139, 19703), (152, 19733), (196, 19853), (236, 19946), (265, 20039), (294, 20141), (295, 20144), (310, 20207), (351, 20378), (368, 20423),

Gene: Kewpiedoll_26 Start: 20723, Stop: 21496, Start Num: 116

Candidate Starts for Kewpiedoll_26:

(Start: 116 @20723 has 85 MA's), (139, 20771), (163, 20828), (177, 20876), (253, 21023), (285, 21119), (303, 21197), (306, 21215), (318, 21254), (330, 21311), (346, 21377), (381, 21479),

Gene: Khan1_22 Start: 16785, Stop: 17522, Start Num: 99

Candidate Starts for Khan1_22:

(Start: 99 @16785 has 367 MA's), (158, 16899), (160, 16905), (Start: 164 @16914 has 12 MA's), (165, 16923), (214, 17019), (253, 17091), (255, 17097), (258, 17109), (275, 17160), (300, 17241), (306, 17274), (308, 17280), (329, 17361), (330, 17373), (335, 17397), (341, 17424), (361, 17499), (368,

17514),

Gene: Kheth_24 Start: 19133, Stop: 19918, Start Num: 93

Candidate Starts for Kheth_24:

(Start: 93 @19133 has 34 MA's), (138, 19244), (155, 19280), (Start: 161 @19301 has 3 MA's), (163, 19304), (177, 19352), (193, 19388), (253, 19490), (260, 19517), (263, 19526), (269, 19544), (276, 19565), (303, 19658), (308, 19682), (314, 19703), (329, 19760), (330, 19772), (331, 19775), (338, 19805), (349, 19856), (366, 19907),

Gene: Kikipoo_22 Start: 17081, Stop: 17818, Start Num: 99

Candidate Starts for Kikipoo_22:

(Start: 99 @17081 has 367 MA's), (158, 17195), (160, 17201), (Start: 164 @17210 has 12 MA's), (165, 17219), (214, 17315), (253, 17387), (255, 17393), (258, 17405), (275, 17456), (300, 17537), (306, 17570), (308, 17576), (329, 17657), (330, 17669), (335, 17693), (341, 17720), (350, 17762), (361, 17795), (368, 17810),

Gene: KillerQueen_31 Start: 19432, Stop: 20277, Start Num: 110

Candidate Starts for KillerQueen_31:

(Start: 110 @19432 has 51 MA's), (139, 19498), (152, 19528), (196, 19648), (236, 19741), (265, 19834), (294, 19936), (295, 19939), (310, 20002), (351, 20173), (368, 20218),

Gene: Kimbrough_22 Start: 16783, Stop: 17520, Start Num: 99

Candidate Starts for Kimbrough_22:

(Start: 99 @16783 has 367 MA's), (158, 16897), (160, 16903), (Start: 164 @16912 has 12 MA's), (165, 16921), (214, 17017), (253, 17089), (255, 17095), (258, 17107), (275, 17158), (300, 17239), (306, 17272), (308, 17278), (329, 17359), (330, 17371), (335, 17395), (341, 17422), (350, 17464), (361, 17497), (368, 17512),

Gene: KimmyK_25 Start: 16659, Stop: 17429, Start Num: 122

Candidate Starts for KimmyK_25:

(Start: 122 @16659 has 34 MA's), (139, 16701), (170, 16782), (222, 16887), (253, 16962), (255, 16968), (260, 16989), (263, 16998), (276, 17037), (320, 17199), (353, 17349), (355, 17355), (381, 17412),

Gene: KingVeVeVe_22 Start: 17060, Stop: 17797, Start Num: 99

Candidate Starts for KingVeVeVe_22:

(Start: 99 @17060 has 367 MA's), (158, 17174), (160, 17180), (Start: 164 @17189 has 12 MA's), (165, 17198), (214, 17294), (253, 17366), (255, 17372), (258, 17384), (275, 17435), (300, 17516), (306, 17549), (308, 17555), (329, 17636), (330, 17648), (335, 17672), (341, 17699), (361, 17774), (368, 17789),

Gene: KingstonB_48 Start: 27374, Stop: 28105, Start Num: 127

Candidate Starts for KingstonB_48:

(Start: 105 @27335 has 1 MA's), (113, 27353), (Start: 116 @27359 has 85 MA's), (Start: 127 @27374 has 1 MA's), (175, 27509), (189, 27542), (192, 27545), (204, 27566), (210, 27575), (350, 28025), (370, 28076),

Gene: Kithara_29 Start: 18897, Stop: 19754, Start Num: 110

Candidate Starts for Kithara_29:

(Start: 110 @18897 has 51 MA's), (175, 19044), (206, 19098), (284, 19275), (286, 19281), (291, 19299), (294, 19320), (303, 19356), (330, 19473), (337, 19506), (338, 19509), (343, 19521), (354, 19572), (368, 19608), (379, 19635),

Gene: KlimbOn_22 Start: 17069, Stop: 17806, Start Num: 99

Candidate Starts for KlimbOn_22:

(Start: 99 @17069 has 367 MA's), (Start: 122 @17111 has 34 MA's), (158, 17183), (160, 17189), (Start: 164 @17198 has 12 MA's), (165, 17207), (214, 17303), (253, 17375), (255, 17381), (258, 17393), (275, 17444), (300, 17525), (306, 17558), (308, 17564), (329, 17645), (330, 17657), (335, 17681), (341, 17708), (350, 17750), (361, 17783), (368, 17798),

Gene: Kloppinator_22 Start: 17089, Stop: 17826, Start Num: 99

Candidate Starts for Kloppinator_22:

(Start: 99 @17089 has 367 MA's), (158, 17203), (160, 17209), (Start: 164 @17218 has 12 MA's), (165, 17227), (214, 17323), (253, 17395), (255, 17401), (258, 17413), (275, 17464), (300, 17545), (306, 17578), (308, 17584), (329, 17665), (330, 17677), (335, 17701), (341, 17728), (350, 17770), (361, 17803), (368, 17818),

Gene: Knocker_24 Start: 20201, Stop: 20941, Start Num: 99

Candidate Starts for Knocker_24:

(Start: 99 @20201 has 367 MA's), (Start: 122 @20243 has 34 MA's), (160, 20312), (163, 20318), (Start: 164 @20321 has 12 MA's), (177, 20366), (236, 20459), (260, 20534), (275, 20576), (276, 20582), (308, 20696), (311, 20708), (314, 20717), (321, 20741), (328, 20765), (330, 20792), (333, 20801), (368, 20933),

Gene: Kolhan_24 Start: 19130, Stop: 19915, Start Num: 93

Candidate Starts for Kolhan_24:

(Start: 93 @19130 has 34 MA's), (138, 19241), (155, 19277), (Start: 161 @19298 has 3 MA's), (163, 19301), (177, 19349), (193, 19385), (253, 19487), (260, 19514), (263, 19523), (269, 19541), (276, 19562), (303, 19655), (308, 19679), (314, 19700), (329, 19757), (330, 19769), (331, 19772), (338, 19802), (349, 19853), (366, 19904),

Gene: Kowalski_30 Start: 18008, Stop: 18910, Start Num: 75

Candidate Starts for Kowalski_30:

(Start: 71 @17996 has 42 MA's), (Start: 75 @18008 has 4 MA's), (118, 18098), (175, 18242), (218, 18350), (228, 18377), (230, 18383), (269, 18512), (294, 18596), (323, 18707), (336, 18779), (340, 18797), (355, 18851),

Gene: Kozie_27 Start: 17670, Stop: 18578, Start Num: 79

Candidate Starts for Kozie_27:

(18, 17322), (42, 17505), (60, 17631), (Start: 79 @17670 has 7 MA's), (Start: 89 @17697 has 2 MA's), (90, 17700), (Start: 93 @17703 has 34 MA's), (177, 17904), (228, 18033), (263, 18150), (270, 18171), (278, 18192), (286, 18213), (294, 18252), (306, 18306), (312, 18327), (352, 18498), (364, 18528),

Gene: Kronus_22 Start: 18304, Stop: 19062, Start Num: 99

Candidate Starts for Kronus_22:

(Start: 73 @18229 has 11 MA's), (80, 18247), (Start: 99 @18304 has 367 MA's), (Start: 107 @18322 has 20 MA's), (163, 18442), (165, 18454), (200, 18538), (263, 18667), (269, 18685), (291, 18745), (304, 18802), (318, 18856), (335, 18937), (338, 18949), (343, 18967), (363, 19042),

Gene: Kroos_27 Start: 20924, Stop: 21691, Start Num: 116

Candidate Starts for Kroos_27:

(Start: 116 @20924 has 85 MA's), (139, 20972), (163, 21029), (165, 21041), (249, 21218), (269, 21278), (285, 21320), (303, 21398), (306, 21416), (317, 21452), (330, 21512), (346, 21578), (377, 21671),

Gene: Kubulix_32 Start: 19381, Stop: 19998, Start Num: 146

Candidate Starts for Kubulix_32:

(Start: 146 @19381 has 19 MA's), (180, 19474), (258, 19570), (277, 19630), (300, 19678), (314, 19738), (317, 19747), (336, 19840), (347, 19882), (349, 19891), (378, 19963),

Gene: Kwadwo_21 Start: 16773, Stop: 17510, Start Num: 99

Candidate Starts for Kwadwo_21:

(Start: 99 @16773 has 367 MA's), (158, 16887), (160, 16893), (Start: 164 @16902 has 12 MA's), (165, 16911), (214, 17007), (253, 17079), (255, 17085), (258, 17097), (275, 17148), (300, 17229), (306, 17262), (308, 17268), (329, 17349), (330, 17361), (335, 17385), (341, 17412), (350, 17454), (361, 17487), (368, 17502),

Gene: Kwekel_24 Start: 17921, Stop: 18718, Start Num: 116

Candidate Starts for Kwekel_24:

(Start: 116 @17921 has 85 MA's), (145, 17981), (170, 18050), (177, 18074), (226, 18167), (285, 18350), (294, 18392), (302, 18425), (320, 18491), (322, 18500), (346, 18608), (368, 18680), (379, 18698),

Gene: Kwksand96_21 Start: 16635, Stop: 17372, Start Num: 99

Candidate Starts for Kwksand96_21:

(Start: 99 @16635 has 367 MA's), (158, 16749), (160, 16755), (Start: 164 @16764 has 12 MA's), (165, 16773), (214, 16869), (253, 16941), (255, 16947), (258, 16959), (275, 17010), (300, 17091), (306, 17124), (308, 17130), (329, 17211), (330, 17223), (335, 17247), (341, 17274), (361, 17349), (368, 17364),

Gene: Kwobi_28 Start: 20910, Stop: 21677, Start Num: 116

Candidate Starts for Kwobi_28:

(Start: 116 @20910 has 85 MA's), (139, 20958), (163, 21015), (165, 21027), (249, 21204), (269, 21264), (285, 21306), (303, 21384), (306, 21402), (317, 21438), (330, 21498), (346, 21564),

Gene: Kyva_33 Start: 21219, Stop: 22067, Start Num: 110

Candidate Starts for Kyva_33:

(Start: 110 @21219 has 51 MA's), (139, 21282), (152, 21312), (172, 21375), (196, 21432), (202, 21444), (236, 21525), (269, 21633), (303, 21756), (306, 21774), (351, 21966),

Gene: Labeouficaum_21 Start: 16631, Stop: 17368, Start Num: 99

Candidate Starts for Labeouficaum_21:

(Start: 99 @16631 has 367 MA's), (Start: 122 @16673 has 34 MA's), (158, 16745), (160, 16751), (Start: 164 @16760 has 12 MA's), (165, 16769), (214, 16865), (253, 16937), (255, 16943), (258, 16955), (275, 17006), (300, 17087), (306, 17120), (308, 17126), (329, 17207), (330, 17219), (335, 17243), (341, 17270), (361, 17345), (368, 17360),

Gene: Lambano_19 Start: 16591, Stop: 17403, Start Num: 74

Candidate Starts for Lambano_19:

(Start: 74 @16591 has 3 MA's), (82, 16612), (87, 16627), (Start: 99 @16660 has 367 MA's), (160, 16771), (163, 16777), (Start: 164 @16780 has 12 MA's), (177, 16825), (246, 16954), (260, 16999), (269, 17026), (277, 17050), (284, 17062), (292, 17092), (303, 17137), (308, 17161), (330, 17254), (341, 17305), (351, 17350), (355, 17362), (361, 17380), (368, 17395),

Gene: Lars_24 Start: 19250, Stop: 20035, Start Num: 93

Candidate Starts for Lars_24:

(Start: 93 @19250 has 34 MA's), (138, 19361), (155, 19397), (Start: 161 @19418 has 3 MA's), (163, 19421), (177, 19469), (193, 19505), (253, 19607), (260, 19634), (263, 19643), (269, 19661), (276, 19682), (303, 19775), (308, 19799), (314, 19820), (329, 19877), (330, 19889), (331, 19892), (338,

19922), (349, 19973), (366, 20024),

Gene: Larson_23 Start: 17087, Stop: 17824, Start Num: 99

Candidate Starts for Larson_23:

(Start: 99 @17087 has 367 MA's), (158, 17201), (160, 17207), (Start: 164 @17216 has 12 MA's), (165, 17225), (214, 17321), (253, 17393), (255, 17399), (258, 17411), (275, 17462), (300, 17543), (306, 17576), (308, 17582), (329, 17663), (330, 17675), (335, 17699), (341, 17726), (361, 17801), (368, 17816),

Gene: LasagnaCat_22 Start: 17075, Stop: 17812, Start Num: 99

Candidate Starts for LasagnaCat_22:

(Start: 99 @17075 has 367 MA's), (158, 17189), (160, 17195), (Start: 164 @17204 has 12 MA's), (165, 17213), (214, 17309), (253, 17381), (255, 17387), (258, 17399), (275, 17450), (300, 17531), (306, 17564), (308, 17570), (329, 17651), (330, 17663), (335, 17687), (341, 17714), (350, 17756), (361, 17789), (368, 17804),

Gene: Lasso_22 Start: 17048, Stop: 17785, Start Num: 99

Candidate Starts for Lasso_22:

(Start: 99 @17048 has 367 MA's), (158, 17162), (160, 17168), (Start: 164 @17177 has 12 MA's), (165, 17186), (214, 17282), (253, 17354), (255, 17360), (258, 17372), (275, 17423), (300, 17504), (306, 17537), (308, 17543), (329, 17624), (330, 17636), (335, 17660), (341, 17687), (350, 17729), (361, 17762), (368, 17777),

Gene: Laure_86 Start: 51484, Stop: 52173, Start Num: 164

Candidate Starts for Laure_86:

(133, 51409), (154, 51457), (Start: 164 @51484 has 12 MA's), (246, 51670), (272, 51751), (277, 51769), (286, 51802), (300, 51859), (318, 51931), (321, 51943), (326, 51958), (335, 52015), (339, 52030),

Gene: Laurie_24 Start: 19124, Stop: 19909, Start Num: 93

Candidate Starts for Laurie_24:

(Start: 93 @19124 has 34 MA's), (138, 19235), (155, 19271), (Start: 161 @19292 has 3 MA's), (163, 19295), (177, 19343), (193, 19379), (253, 19481), (260, 19508), (263, 19517), (269, 19535), (276, 19556), (303, 19649), (308, 19673), (314, 19694), (329, 19751), (330, 19763), (331, 19766), (338, 19796), (349, 19847), (366, 19898),

Gene: Leaf_68 Start: 37486, Stop: 38313, Start Num: 109

Candidate Starts for Leaf_68:

(1, 36382), (2, 36514), (3, 36622), (5, 36784), (6, 36832), (10, 36922), (12, 36931), (21, 37045), (24, 37075), (47, 37276), (Start: 109 @37486 has 14 MA's), (140, 37546), (158, 37588), (175, 37642), (177, 37648), (227, 37753), (228, 37759), (230, 37765), (236, 37786), (263, 37876), (269, 37894), (286, 37939), (291, 37957), (303, 38014), (306, 38032), (308, 38038), (330, 38131), (334, 38143), (339, 38170), (352, 38230), (357, 38239), (368, 38266), (373, 38281), (383, 38293),

Gene: LeeLot_22 Start: 17073, Stop: 17810, Start Num: 99

Candidate Starts for LeeLot_22:

(Start: 99 @17073 has 367 MA's), (158, 17187), (160, 17193), (Start: 164 @17202 has 12 MA's), (165, 17211), (214, 17307), (253, 17379), (255, 17385), (258, 17397), (275, 17448), (300, 17529), (306, 17562), (308, 17568), (329, 17649), (330, 17661), (335, 17685), (341, 17712), (350, 17754), (361, 17787), (368, 17802),

Gene: Lego3393_22 Start: 17085, Stop: 17822, Start Num: 99

Candidate Starts for Lego3393_22:

(Start: 99 @17085 has 367 MA's), (Start: 122 @17127 has 34 MA's), (158, 17199), (160, 17205), (Start: 164 @17214 has 12 MA's), (165, 17223), (214, 17319), (253, 17391), (255, 17397), (258, 17409), (275, 17460), (300, 17541), (306, 17574), (308, 17580), (329, 17661), (330, 17673), (335, 17697), (341, 17724), (350, 17766), (361, 17799), (368, 17814),

Gene: Legolas_21 Start: 16789, Stop: 17526, Start Num: 99

Candidate Starts for Legolas_21:

(Start: 99 @16789 has 367 MA's), (158, 16903), (160, 16909), (Start: 164 @16918 has 12 MA's), (165, 16927), (214, 17023), (253, 17095), (255, 17101), (258, 17113), (275, 17164), (300, 17245), (306, 17278), (308, 17284), (329, 17365), (330, 17377), (335, 17401), (341, 17428), (350, 17470), (361, 17503), (368, 17518),

Gene: Lehmann_22 Start: 16615, Stop: 17352, Start Num: 99

Candidate Starts for Lehmann_22:

(Start: 99 @16615 has 367 MA's), (158, 16729), (160, 16735), (Start: 164 @16744 has 12 MA's), (165, 16753), (214, 16849), (253, 16921), (255, 16927), (258, 16939), (275, 16990), (300, 17071), (306, 17104), (308, 17110), (330, 17203), (335, 17227), (341, 17254), (350, 17296), (361, 17329), (368, 17344),

Gene: LeiMonet_22 Start: 16780, Stop: 17517, Start Num: 99

Candidate Starts for LeiMonet_22:

(Start: 99 @16780 has 367 MA's), (Start: 122 @16822 has 34 MA's), (158, 16894), (160, 16900), (Start: 164 @16909 has 12 MA's), (165, 16918), (214, 17014), (253, 17086), (255, 17092), (258, 17104), (275, 17155), (300, 17236), (306, 17269), (308, 17275), (329, 17356), (330, 17368), (335, 17392), (341, 17419), (361, 17494), (368, 17509),

Gene: LemonSlice_22 Start: 16780, Stop: 17517, Start Num: 99

Candidate Starts for LemonSlice_22:

(Start: 99 @16780 has 367 MA's), (Start: 122 @16822 has 34 MA's), (158, 16894), (160, 16900), (Start: 164 @16909 has 12 MA's), (165, 16918), (214, 17014), (253, 17086), (255, 17092), (258, 17104), (275, 17155), (300, 17236), (306, 17269), (308, 17275), (329, 17356), (330, 17368), (335, 17392), (341, 17419), (350, 17461), (361, 17494), (368, 17509),

Gene: Lennon_27 Start: 22681, Stop: 23454, Start Num: 116

Candidate Starts for Lennon_27:

(Start: 116 @22681 has 85 MA's), (139, 22729), (163, 22786), (177, 22834), (253, 22981), (268, 23032), (285, 23077), (303, 23155), (306, 23173), (318, 23212), (346, 23335), (381, 23437),

Gene: LeoJr_84 Start: 50638, Stop: 51327, Start Num: 164

Candidate Starts for LeoJr_84:

(144, 50587), (Start: 164 @50638 has 12 MA's), (245, 50821), (253, 50845), (272, 50905), (297, 51001), (298, 51004), (316, 51079), (318, 51085), (326, 51112), (329, 51133), (339, 51184),

Gene: Leonard_25 Start: 19637, Stop: 20428, Start Num: 116

Candidate Starts for Leonard_25:

(Start: 116 @19637 has 85 MA's), (129, 19658), (150, 19709), (177, 19790), (213, 19850), (224, 19868), (226, 19871), (269, 20012), (277, 20036), (285, 20054), (307, 20153), (330, 20246), (331, 20249), (336, 20276), (346, 20312), (373, 20399), (380, 20411),

Gene: Lephleur_24 Start: 19130, Stop: 19915, Start Num: 93

Candidate Starts for Lephleur_24:

(Start: 93 @19130 has 34 MA's), (138, 19241), (155, 19277), (Start: 161 @19298 has 3 MA's), (163, 19301), (177, 19349), (193, 19385), (253, 19487), (260, 19514), (263, 19523), (269, 19541), (276,

19562), (303, 19655), (308, 19679), (314, 19700), (329, 19757), (330, 19769), (331, 19772), (338, 19802), (349, 19853), (366, 19904),

Gene: LestyG_23 Start: 17650, Stop: 18483, Start Num: 73

Candidate Starts for LestyG_23:

(Start: 73 @17650 has 11 MA's), (80, 17668), (Start: 99 @17725 has 367 MA's), (Start: 107 @17743 has 20 MA's), (163, 17863), (165, 17875), (200, 17959), (263, 18088), (269, 18106), (291, 18166), (304, 18223), (318, 18277), (335, 18358), (338, 18370), (343, 18388), (363, 18463),

Gene: Ligma_19 Start: 15599, Stop: 16345, Start Num: 99

Candidate Starts for Ligma_19:

(Start: 88 @15569 has 3 MA's), (Start: 99 @15599 has 367 MA's), (Start: 107 @15617 has 20 MA's), (Start: 116 @15632 has 85 MA's), (199, 15818), (263, 15953), (268, 15968), (284, 16007), (330, 16196), (333, 16205), (335, 16220), (338, 16232), (350, 16289), (355, 16304), (368, 16337),

Gene: LilHam_24 Start: 19504, Stop: 20271, Start Num: 116

Candidate Starts for LilHam_24:

(Start: 116 @19504 has 85 MA's), (139, 19552), (163, 19609), (165, 19621), (249, 19798), (269, 19858), (285, 19900), (303, 19978), (306, 19996), (317, 20032), (330, 20092), (346, 20158),

Gene: LilMcDreamy_19 Start: 17763, Stop: 18494, Start Num: 99

Candidate Starts for LilMcDreamy_19:

(Start: 99 @17763 has 367 MA's), (139, 17832), (181, 17934), (210, 17982), (253, 18063), (263, 18099), (268, 18114), (271, 18120), (294, 18192), (303, 18228), (308, 18252), (322, 18300), (329, 18333), (330, 18345), (341, 18396), (350, 18438), (361, 18471), (368, 18486),

Gene: LilSmirk_24 Start: 19130, Stop: 19915, Start Num: 93

Candidate Starts for LilSmirk_24:

(Start: 93 @19130 has 34 MA's), (138, 19241), (155, 19277), (Start: 161 @19298 has 3 MA's), (163, 19301), (177, 19349), (193, 19385), (253, 19487), (260, 19514), (263, 19523), (269, 19541), (276, 19562), (303, 19655), (308, 19679), (314, 19700), (329, 19757), (330, 19769), (331, 19772), (338, 19802), (349, 19853), (366, 19904),

Gene: Lilbeanie_22 Start: 14957, Stop: 15703, Start Num: 116

Candidate Starts for Lilbeanie_22:

(Start: 116 @14957 has 85 MA's), (136, 14996), (163, 15062), (170, 15086), (178, 15110), (231, 15191), (262, 15284), (269, 15299), (277, 15323), (304, 15422), (325, 15500), (335, 15557), (346, 15599), (370, 15665), (382, 15689),

Gene: LittleDigger_19 Start: 16598, Stop: 17410, Start Num: 74

Candidate Starts for LittleDigger_19:

(Start: 74 @16598 has 3 MA's), (82, 16619), (87, 16634), (Start: 99 @16667 has 367 MA's), (160, 16778), (163, 16784), (Start: 164 @16787 has 12 MA's), (177, 16832), (246, 16961), (260, 17006), (269, 17033), (277, 17057), (284, 17069), (292, 17099), (303, 17144), (308, 17168), (341, 17312), (351, 17357), (355, 17369), (361, 17387), (368, 17402),

Gene: LittleFortune_32 Start: 18246, Stop: 19160, Start Num: 71

Candidate Starts for LittleFortune_32:

(Start: 71 @18246 has 42 MA's), (Start: 75 @18258 has 4 MA's), (118, 18348), (175, 18492), (218, 18600), (228, 18627), (230, 18633), (269, 18762), (294, 18846), (323, 18957), (336, 19029), (340, 19047), (355, 19101),

Gene: LittleMinkey_27 Start: 17548, Stop: 18408, Start Num: 66

Candidate Starts for LittleMinkey_27:

(48, 17467), (59, 17530), (60, 17533), (64, 17542), (66, 17548), (68, 17551), (Start: 99 @17659 has 367 MA's), (Start: 164 @17788 has 12 MA's), (205, 17881), (263, 18010), (269, 18028), (276, 18049), (303, 18139), (308, 18163), (330, 18259), (341, 18310), (368, 18400),

Gene: LittleMunchkin_21 Start: 18438, Stop: 19184, Start Num: 99

Candidate Starts for LittleMunchkin_21:

(Start: 74 @18384 has 3 MA's), (Start: 99 @18438 has 367 MA's), (Start: 107 @18456 has 20 MA's), (148, 18540), (Start: 164 @18579 has 12 MA's), (195, 18648), (199, 18657), (284, 18846), (333, 19044), (335, 19059), (338, 19071), (350, 19128), (366, 19173), (368, 19176),

Gene: LizLemon_24 Start: 19247, Stop: 20032, Start Num: 93

Candidate Starts for LizLemon_24:

(Start: 93 @19247 has 34 MA's), (138, 19358), (155, 19394), (Start: 161 @19415 has 3 MA's), (163, 19418), (177, 19466), (193, 19502), (253, 19604), (260, 19631), (263, 19640), (269, 19658), (276, 19679), (303, 19772), (308, 19796), (314, 19817), (329, 19874), (330, 19886), (331, 19889), (338, 19919), (349, 19970), (366, 20021),

Gene: Llemily_30 Start: 20265, Stop: 21113, Start Num: 110

Candidate Starts for Llemily_30:

(Start: 110 @20265 has 51 MA's), (139, 20328), (152, 20358), (172, 20421), (196, 20478), (202, 20490), (236, 20571), (269, 20679), (303, 20802), (306, 20820), (351, 21012),

Gene: Lolalove_20 Start: 17689, Stop: 18432, Start Num: 99

Candidate Starts for Lolalove_20:

(Start: 99 @17689 has 367 MA's), (160, 17800), (163, 17806), (177, 17854), (246, 17983), (253, 18001), (260, 18028), (269, 18055), (277, 18079), (284, 18091), (292, 18121), (303, 18166), (308, 18190), (341, 18334), (351, 18379), (355, 18391), (361, 18409), (368, 18424),

Gene: Lonelysoil_30 Start: 20510, Stop: 21358, Start Num: 110

Candidate Starts for Lonelysoil_30:

(Start: 110 @20510 has 51 MA's), (139, 20573), (152, 20603), (172, 20666), (196, 20723), (202, 20735), (236, 20816), (269, 20924), (303, 21047), (306, 21065), (351, 21257),

Gene: Longacauda_21 Start: 16775, Stop: 17512, Start Num: 99

Candidate Starts for Longacauda_21:

(Start: 99 @16775 has 367 MA's), (158, 16889), (160, 16895), (Start: 164 @16904 has 12 MA's), (165, 16913), (214, 17009), (253, 17081), (255, 17087), (258, 17099), (275, 17150), (300, 17231), (306, 17264), (308, 17270), (329, 17351), (330, 17363), (335, 17387), (341, 17414), (361, 17489), (368, 17504),

Gene: Lopsy_21 Start: 16631, Stop: 17368, Start Num: 99

Candidate Starts for Lopsy_21:

(Start: 99 @16631 has 367 MA's), (158, 16745), (160, 16751), (Start: 164 @16760 has 12 MA's), (165, 16769), (214, 16865), (253, 16937), (255, 16943), (258, 16955), (275, 17006), (300, 17087), (306, 17120), (308, 17126), (330, 17219), (335, 17243), (341, 17270), (350, 17312), (361, 17345), (368, 17360),

Gene: LostAndPhound_21 Start: 16782, Stop: 17519, Start Num: 99

Candidate Starts for LostAndPhound_21:

(Start: 99 @16782 has 367 MA's), (Start: 122 @16824 has 34 MA's), (158, 16896), (160, 16902), (Start: 164 @16911 has 12 MA's), (165, 16920), (214, 17016), (253, 17088), (255, 17094), (258, 17106), (275, 17157), (300, 17238), (306, 17271), (308, 17277), (329, 17358), (330, 17370), (335,

17394), (341, 17421), (361, 17496), (368, 17511),

Gene: Love_30 Start: 22448, Stop: 23221, Start Num: 116

Candidate Starts for Love_30:

(Start: 116 @22448 has 85 MA's), (139, 22496), (163, 22553), (177, 22601), (253, 22748), (268, 22799), (285, 22844), (303, 22922), (306, 22940), (318, 22979), (330, 23036), (346, 23102), (381, 23204),

Gene: LuckyMarjie_21 Start: 16795, Stop: 17532, Start Num: 99

Candidate Starts for LuckyMarjie_21:

(Start: 99 @16795 has 367 MA's), (158, 16909), (160, 16915), (Start: 164 @16924 has 12 MA's), (165, 16933), (214, 17029), (253, 17101), (255, 17107), (258, 17119), (275, 17170), (300, 17251), (306, 17284), (308, 17290), (329, 17371), (330, 17383), (335, 17407), (341, 17434), (350, 17476), (361, 17509), (368, 17524),

Gene: Lucretia_31 Start: 17933, Stop: 18847, Start Num: 71

Candidate Starts for Lucretia_31:

(Start: 71 @17933 has 42 MA's), (Start: 75 @17945 has 4 MA's), (118, 18035), (175, 18179), (218, 18287), (228, 18314), (230, 18320), (269, 18449), (294, 18533), (323, 18644), (336, 18716), (340, 18734), (355, 18788),

Gene: Lulumae_21 Start: 16773, Stop: 17510, Start Num: 99

Candidate Starts for Lulumae_21:

(Start: 99 @16773 has 367 MA's), (158, 16887), (160, 16893), (Start: 164 @16902 has 12 MA's), (165, 16911), (214, 17007), (253, 17079), (255, 17085), (258, 17097), (275, 17148), (300, 17229), (306, 17262), (308, 17268), (329, 17349), (330, 17361), (335, 17385), (341, 17412), (350, 17454), (361, 17487), (368, 17502),

Gene: Lulwa_22 Start: 17060, Stop: 17797, Start Num: 99

Candidate Starts for Lulwa_22:

(Start: 99 @17060 has 367 MA's), (158, 17174), (160, 17180), (Start: 164 @17189 has 12 MA's), (165, 17198), (214, 17294), (253, 17366), (255, 17372), (258, 17384), (275, 17435), (300, 17516), (306, 17549), (308, 17555), (329, 17636), (330, 17648), (335, 17672), (341, 17699), (350, 17741), (361, 17774), (368, 17789),

Gene: Lumine_21 Start: 16769, Stop: 17506, Start Num: 99

Candidate Starts for Lumine_21:

(Start: 99 @16769 has 367 MA's), (158, 16883), (160, 16889), (Start: 164 @16898 has 12 MA's), (165, 16907), (214, 17003), (253, 17075), (255, 17081), (258, 17093), (275, 17144), (300, 17225), (306, 17258), (308, 17264), (329, 17345), (330, 17357), (335, 17381), (341, 17408), (350, 17450), (361, 17483), (368, 17498),

Gene: MRabcd_21 Start: 16774, Stop: 17511, Start Num: 99

Candidate Starts for MRabcd_21:

(Start: 99 @16774 has 367 MA's), (158, 16888), (160, 16894), (Start: 164 @16903 has 12 MA's), (165, 16912), (214, 17008), (253, 17080), (255, 17086), (258, 17098), (275, 17149), (300, 17230), (306, 17263), (308, 17269), (329, 17350), (330, 17362), (335, 17386), (341, 17413), (350, 17455), (361, 17488), (368, 17503),

Gene: Mag7_21 Start: 16629, Stop: 17366, Start Num: 99

Candidate Starts for Mag7_21:

(Start: 99 @16629 has 367 MA's), (158, 16743), (160, 16749), (Start: 164 @16758 has 12 MA's), (165, 16767), (214, 16863), (253, 16935), (255, 16941), (258, 16953), (275, 17004), (300, 17085), (306,

17118), (308, 17124), (329, 17205), (330, 17217), (335, 17241), (341, 17268), (361, 17343), (368, 17358),

Gene: Magic8_22 Start: 17067, Stop: 17804, Start Num: 99

Candidate Starts for Magic8_22:

(Start: 99 @17067 has 367 MA's), (158, 17181), (160, 17187), (Start: 164 @17196 has 12 MA's), (165, 17205), (214, 17301), (253, 17373), (255, 17379), (258, 17391), (275, 17442), (300, 17523), (306, 17556), (308, 17562), (329, 17643), (330, 17655), (335, 17679), (341, 17706), (361, 17781), (368, 17796),

Gene: Magpie_19 Start: 17512, Stop: 18255, Start Num: 99

Candidate Starts for Magpie_19:

(83, 17470), (Start: 99 @17512 has 367 MA's), (160, 17623), (163, 17629), (177, 17677), (246, 17806), (260, 17851), (269, 17878), (277, 17902), (284, 17914), (292, 17944), (303, 17989), (308, 18013), (341, 18157), (351, 18202), (355, 18214), (361, 18232), (368, 18247),

Gene: Maih_17 Start: 17739, Stop: 18599, Start Num: 109

Candidate Starts for Maih_17:

(64, 17607), (Start: 109 @17739 has 14 MA's), (158, 17847), (226, 17994), (228, 18003), (232, 18018), (263, 18117), (266, 18123), (269, 18135), (270, 18138), (294, 18243), (297, 18252), (303, 18279), (310, 18312), (312, 18318), (335, 18423), (339, 18438), (343, 18453), (349, 18486), (355, 18507), (365, 18534), (368, 18540),

Gene: Makar_51 Start: 27823, Stop: 28569, Start Num: 116

Candidate Starts for Makar_51:

(Start: 116 @27823 has 85 MA's), (163, 27931), (165, 27943), (175, 27973), (210, 28039), (263, 28150), (313, 28324), (324, 28360), (350, 28489), (368, 28537),

Gene: MakoManhole_21 Start: 16994, Stop: 17737, Start Num: 92

Candidate Starts for MakoManhole_21:

(Start: 92 @16994 has 8 MA's), (Start: 99 @17018 has 367 MA's), (Start: 107 @17036 has 20 MA's), (150, 17093), (158, 17114), (160, 17120), (172, 17159), (210, 17228), (214, 17234), (263, 17345), (305, 17483), (350, 17681), (355, 17696), (361, 17714),

Gene: Mana_21 Start: 16776, Stop: 17513, Start Num: 99

Candidate Starts for Mana_21:

(Start: 99 @16776 has 367 MA's), (158, 16890), (160, 16896), (Start: 164 @16905 has 12 MA's), (165, 16914), (214, 17010), (253, 17082), (255, 17088), (258, 17100), (275, 17151), (300, 17232), (306, 17265), (308, 17271), (329, 17352), (330, 17364), (335, 17388), (341, 17415), (361, 17490), (368, 17505),

Gene: Manad_21 Start: 16626, Stop: 17363, Start Num: 99

Candidate Starts for Manad_21:

(Start: 99 @16626 has 367 MA's), (Start: 122 @16668 has 34 MA's), (158, 16740), (160, 16746), (Start: 164 @16755 has 12 MA's), (165, 16764), (214, 16860), (253, 16932), (255, 16938), (258, 16950), (275, 17001), (300, 17082), (306, 17115), (308, 17121), (329, 17202), (330, 17214), (335, 17238), (341, 17265), (361, 17340), (368, 17355),

Gene: Mao1_18 Start: 15069, Stop: 15827, Start Num: 96

Candidate Starts for Mao1_18:

(Start: 96 @15069 has 4 MA's), (100, 15078), (Start: 122 @15120 has 34 MA's), (128, 15129), (162, 15213), (165, 15225), (172, 15246), (201, 15312), (246, 15378), (251, 15393), (253, 15396), (258, 15414), (261, 15426), (273, 15459), (317, 15615), (346, 15747), (352, 15777), (355, 15786), (368,

15819),

Gene: Marcie_35 Start: 20293, Stop: 21138, Start Num: 110

Candidate Starts for Marcie_35:

(Start: 110 @20293 has 51 MA's), (139, 20359), (151, 20386), (152, 20389), (196, 20509), (219, 20551), (231, 20584), (236, 20602), (265, 20695), (294, 20797), (303, 20830), (310, 20863), (340, 20986), (351, 21034), (368, 21079),

Gene: Mareelih_89 Start: 47588, Stop: 48226, Start Num: 188

Candidate Starts for Mareelih_89:

(Start: 188 @47588 has 5 MA's), (217, 47642), (250, 47717), (273, 47789), (311, 47933), (323, 47972), (330, 48014), (331, 48017), (336, 48044), (338, 48050), (352, 48113), (360, 48137), (368, 48155),

Gene: Margaery_26 Start: 17314, Stop: 18219, Start Num: 79

Candidate Starts for Margaery_26:

(Start: 79 @17314 has 7 MA's), (Start: 89 @17341 has 2 MA's), (90, 17344), (130, 17425), (170, 17527), (228, 17680), (241, 17722), (260, 17788), (263, 17797), (270, 17818), (278, 17839), (286, 17860), (294, 17899), (308, 17959), (312, 17974), (352, 18145), (368, 18184), (372, 18193), (373, 18199),

Gene: Mariokart_19 Start: 15510, Stop: 16238, Start Num: 107

Candidate Starts for Mariokart_19:

(9, 14904), (Start: 99 @15492 has 367 MA's), (Start: 107 @15510 has 20 MA's), (Start: 116 @15525 has 85 MA's), (147, 15591), (157, 15612), (172, 15663), (214, 15735), (258, 15828), (263, 15846), (268, 15861), (284, 15900), (330, 16089), (333, 16098), (338, 16125), (350, 16182), (361, 16215), (366, 16227),

Gene: Marley1013_23 Start: 18428, Stop: 19261, Start Num: 73

Candidate Starts for Marley1013_23:

(Start: 73 @18428 has 11 MA's), (80, 18446), (Start: 99 @18503 has 367 MA's), (Start: 107 @18521 has 20 MA's), (163, 18641), (165, 18653), (200, 18737), (263, 18866), (269, 18884), (291, 18944), (304, 19001), (318, 19055), (335, 19136), (338, 19148), (343, 19166), (363, 19241),

Gene: Marlia_23 Start: 17630, Stop: 18463, Start Num: 73

Candidate Starts for Marlia_23:

(Start: 73 @17630 has 11 MA's), (80, 17648), (Start: 99 @17705 has 367 MA's), (Start: 107 @17723 has 20 MA's), (163, 17843), (165, 17855), (200, 17939), (263, 18068), (269, 18086), (291, 18146), (304, 18203), (318, 18257), (335, 18338), (338, 18350), (343, 18368), (363, 18443),

Gene: Maru_21 Start: 16775, Stop: 17512, Start Num: 99

Candidate Starts for Maru_21:

(Start: 99 @16775 has 367 MA's), (Start: 122 @16817 has 34 MA's), (158, 16889), (160, 16895), (Start: 164 @16904 has 12 MA's), (165, 16913), (214, 17009), (253, 17081), (255, 17087), (258, 17099), (275, 17150), (300, 17231), (306, 17264), (308, 17270), (329, 17351), (330, 17363), (335, 17387), (341, 17414), (361, 17489), (368, 17504),

Gene: Mashley_29 Start: 20782, Stop: 21630, Start Num: 110

Candidate Starts for Mashley_29:

(Start: 110 @20782 has 51 MA's), (139, 20845), (152, 20875), (172, 20938), (196, 20995), (202, 21007), (236, 21088), (269, 21196), (303, 21319), (306, 21337), (351, 21529),

Gene: Mask_19 Start: 15070, Stop: 15828, Start Num: 96

Candidate Starts for Mask_19:

(Start: 96 @15070 has 4 MA's), (100, 15079), (Start: 122 @15121 has 34 MA's), (128, 15130), (162, 15214), (165, 15226), (172, 15247), (201, 15313), (246, 15379), (251, 15394), (253, 15397), (258, 15415), (261, 15427), (273, 15460), (317, 15616), (346, 15748), (352, 15778), (355, 15787), (368, 15820),

Gene: Maskar_21 Start: 16621, Stop: 17358, Start Num: 99

Candidate Starts for Maskar_21:

(Start: 99 @16621 has 367 MA's), (158, 16735), (160, 16741), (Start: 164 @16750 has 12 MA's), (165, 16759), (214, 16855), (253, 16927), (255, 16933), (258, 16945), (275, 16996), (300, 17077), (306, 17110), (308, 17116), (329, 17197), (330, 17209), (335, 17233), (341, 17260), (361, 17335), (368, 17350),

Gene: MasterPo_24 Start: 19130, Stop: 19915, Start Num: 93

Candidate Starts for MasterPo_24:

(Start: 93 @19130 has 34 MA's), (138, 19241), (155, 19277), (Start: 161 @19298 has 3 MA's), (163, 19301), (177, 19349), (193, 19385), (253, 19487), (260, 19514), (263, 19523), (269, 19541), (276, 19562), (303, 19655), (308, 19679), (314, 19700), (329, 19757), (330, 19769), (331, 19772), (338, 19802), (349, 19853), (366, 19904),

Gene: Matalotodo_22 Start: 17068, Stop: 17805, Start Num: 99

Candidate Starts for Matalotodo_22:

(Start: 99 @17068 has 367 MA's), (158, 17182), (160, 17188), (Start: 164 @17197 has 12 MA's), (165, 17206), (214, 17302), (253, 17374), (255, 17380), (258, 17392), (275, 17443), (300, 17524), (306, 17557), (308, 17563), (329, 17644), (330, 17656), (335, 17680), (341, 17707), (350, 17749), (361, 17782), (368, 17797),

Gene: Matzah_27 Start: 17344, Stop: 18249, Start Num: 79

Candidate Starts for Matzah_27:

(60, 17296), (Start: 79 @17344 has 7 MA's), (Start: 89 @17371 has 2 MA's), (90, 17374), (170, 17557), (235, 17731), (258, 17809), (263, 17827), (266, 17833), (270, 17848), (278, 17869), (286, 17890), (303, 17965), (308, 17989), (312, 18004), (352, 18175), (368, 18214),

Gene: McCrothy_27 Start: 22247, Stop: 23020, Start Num: 116

Candidate Starts for McCrothy_27:

(Start: 116 @22247 has 85 MA's), (139, 22295), (163, 22352), (177, 22400), (253, 22547), (268, 22598), (285, 22643), (303, 22721), (306, 22739), (318, 22778), (346, 22901), (381, 23003),

Gene: McKinley_29 Start: 22480, Stop: 23253, Start Num: 116

Candidate Starts for McKinley_29:

(Start: 116 @22480 has 85 MA's), (139, 22528), (163, 22585), (177, 22633), (232, 22723), (253, 22780), (268, 22831), (285, 22876), (303, 22954), (306, 22972), (318, 23011), (330, 23068), (346, 23134), (381, 23236),

Gene: Mcshane_21 Start: 16771, Stop: 17508, Start Num: 99

Candidate Starts for Mcshane_21:

(Start: 99 @16771 has 367 MA's), (158, 16885), (160, 16891), (Start: 164 @16900 has 12 MA's), (165, 16909), (214, 17005), (253, 17077), (255, 17083), (258, 17095), (275, 17146), (300, 17227), (306, 17260), (308, 17266), (329, 17347), (330, 17359), (335, 17383), (341, 17410), (350, 17452), (361, 17485), (368, 17500),

Gene: Mecca_21 Start: 16768, Stop: 17505, Start Num: 99

Candidate Starts for Mecca_21:

(Start: 99 @16768 has 367 MA's), (Start: 122 @16810 has 34 MA's), (158, 16882), (160, 16888), (Start: 164 @16897 has 12 MA's), (165, 16906), (214, 17002), (253, 17074), (255, 17080), (258, 17092), (275, 17143), (300, 17224), (306, 17257), (308, 17263), (329, 17344), (330, 17356), (335, 17380), (341, 17407), (361, 17482), (368, 17497),

Gene: Megabear_16 Start: 16492, Stop: 17229, Start Num: 101

Candidate Starts for Megabear_16:

(Start: 101 @16492 has 8 MA's), (Start: 107 @16504 has 20 MA's), (Start: 164 @16627 has 12 MA's), (165, 16636), (184, 16693), (193, 16708), (201, 16723), (234, 16750), (241, 16771), (246, 16786), (251, 16801), (253, 16804), (261, 16834), (263, 16840), (268, 16855), (289, 16915), (303, 16969), (304, 16972), (311, 17005), (313, 17011), (314, 17014), (318, 17026), (330, 17083), (333, 17092), (335, 17107), (350, 17173), (355, 17188), (361, 17206), (368, 17221),

Gene: Megamind20_22 Start: 16789, Stop: 17526, Start Num: 99

Candidate Starts for Megamind20_22:

(Start: 99 @16789 has 367 MA's), (Start: 122 @16831 has 34 MA's), (158, 16903), (160, 16909), (Start: 164 @16918 has 12 MA's), (165, 16927), (214, 17023), (253, 17095), (255, 17101), (258, 17113), (275, 17164), (300, 17245), (306, 17278), (308, 17284), (329, 17365), (330, 17377), (335, 17401), (341, 17428), (350, 17470), (361, 17503), (368, 17518),

Gene: Megan_25 Start: 19147, Stop: 20109, Start Num: 61

Candidate Starts for Megan_25:

(Start: 61 @19147 has 1 MA's), (Start: 71 @19189 has 42 MA's), (Start: 79 @19207 has 7 MA's), (Start: 89 @19237 has 2 MA's), (Start: 96 @19261 has 4 MA's), (148, 19360), (163, 19396), (170, 19420), (173, 19429), (177, 19444), (217, 19546), (228, 19576), (230, 19582), (251, 19654), (258, 19675), (268, 19708), (270, 19714), (291, 19774), (294, 19795), (303, 19831), (336, 19978), (342, 19999), (352, 20041), (368, 20077),

Gene: Megatron_22 Start: 17072, Stop: 17809, Start Num: 99

Candidate Starts for Megatron_22:

(Start: 99 @17072 has 367 MA's), (158, 17186), (160, 17192), (Start: 164 @17201 has 12 MA's), (165, 17210), (214, 17306), (253, 17378), (255, 17384), (258, 17396), (275, 17447), (300, 17528), (306, 17561), (308, 17567), (329, 17648), (330, 17660), (335, 17684), (341, 17711), (350, 17753), (361, 17786), (368, 17801),

Gene: MelBins_26 Start: 19842, Stop: 20636, Start Num: 116

Candidate Starts for MelBins_26:

(Start: 116 @19842 has 85 MA's), (129, 19863), (150, 19914), (177, 19995), (213, 20055), (224, 20073), (226, 20076), (269, 20217), (277, 20241), (285, 20259), (307, 20358), (330, 20451), (331, 20454), (336, 20481), (346, 20517), (368, 20589), (380, 20616),

Gene: Melc17_22 Start: 17063, Stop: 17800, Start Num: 99

Candidate Starts for Melc17_22:

(Start: 99 @17063 has 367 MA's), (158, 17177), (160, 17183), (Start: 164 @17192 has 12 MA's), (165, 17201), (214, 17297), (253, 17369), (255, 17375), (258, 17387), (275, 17438), (300, 17519), (306, 17552), (308, 17558), (329, 17639), (330, 17651), (335, 17675), (341, 17702), (361, 17777), (368, 17792),

Gene: MellowYellow_28 Start: 17923, Stop: 18549, Start Num: 146

Candidate Starts for MellowYellow_28:

(Start: 146 @17923 has 19 MA's), (180, 18016), (258, 18112), (277, 18172), (300, 18220), (314, 18280), (336, 18391), (347, 18433), (349, 18442), (378, 18514),

Gene: MelsMeow_21 Start: 16629, Stop: 17366, Start Num: 99

Candidate Starts for MelsMeow_21:

(Start: 99 @16629 has 367 MA's), (158, 16743), (160, 16749), (Start: 164 @16758 has 12 MA's), (165, 16767), (214, 16863), (253, 16935), (255, 16941), (258, 16953), (275, 17004), (300, 17085), (306, 17118), (308, 17124), (329, 17205), (330, 17217), (335, 17241), (341, 17268), (361, 17343), (368, 17358),

Gene: MementoMori_27 Start: 17073, Stop: 17978, Start Num: 79

Candidate Starts for MementoMori_27:

(Start: 79 @17073 has 7 MA's), (Start: 89 @17100 has 2 MA's), (90, 17103), (170, 17286), (173, 17295), (235, 17460), (258, 17538), (263, 17556), (266, 17562), (270, 17577), (278, 17598), (286, 17619), (303, 17694), (308, 17718), (312, 17733), (352, 17904), (368, 17943),

Gene: Mentos_36 Start: 21869, Stop: 22717, Start Num: 110

Candidate Starts for Mentos_36:

(Start: 110 @21869 has 51 MA's), (139, 21932), (152, 21962), (172, 22025), (196, 22082), (202, 22094), (236, 22175), (269, 22283), (303, 22406), (306, 22424), (351, 22616),

Gene: Merry_ Start: 20136, Stop: 20972, Start Num: 104

Candidate Starts for Merry_:

(67, 20013), (Start: 104 @20136 has 2 MA's), (115, 20160), (158, 20250), (170, 20286), (173, 20295), (177, 20310), (221, 20418), (228, 20442), (230, 20448), (251, 20520), (260, 20550), (268, 20574), (270, 20580), (286, 20622), (294, 20658), (296, 20664), (308, 20718), (323, 20769), (355, 20913), (368, 20940), (372, 20949),

Gene: Mesh1_22 Start: 17080, Stop: 17817, Start Num: 99

Candidate Starts for Mesh1_22:

(Start: 99 @17080 has 367 MA's), (Start: 122 @17122 has 34 MA's), (158, 17194), (160, 17200), (Start: 164 @17209 has 12 MA's), (165, 17218), (214, 17314), (253, 17386), (255, 17392), (258, 17404), (275, 17455), (300, 17536), (306, 17569), (308, 17575), (329, 17656), (330, 17668), (335, 17692), (341, 17719), (350, 17761), (361, 17794), (368, 17809),

Gene: Mesmerelda_21 Start: 16774, Stop: 17511, Start Num: 99

Candidate Starts for Mesmerelda_21:

(Start: 99 @16774 has 367 MA's), (158, 16888), (160, 16894), (Start: 164 @16903 has 12 MA's), (165, 16912), (214, 17008), (253, 17080), (255, 17086), (258, 17098), (275, 17149), (300, 17230), (306, 17263), (308, 17269), (329, 17350), (330, 17362), (335, 17386), (341, 17413), (350, 17455), (361, 17488), (368, 17503),

Gene: Metamorphoo_31 Start: 17795, Stop: 18706, Start Num: 71

Candidate Starts for Metamorphoo_31:

(Start: 71 @17795 has 42 MA's), (118, 17897), (170, 18023), (173, 18032), (175, 18041), (228, 18176), (230, 18182), (289, 18371), (294, 18392), (300, 18413), (303, 18428), (306, 18446), (308, 18452), (323, 18503), (336, 18575), (340, 18593), (355, 18647), (368, 18674),

Gene: MichaelPhcott_21 Start: 16629, Stop: 17366, Start Num: 99

Candidate Starts for MichaelPhcott_21:

(Start: 99 @16629 has 367 MA's), (158, 16743), (160, 16749), (Start: 164 @16758 has 12 MA's), (165, 16767), (214, 16863), (253, 16935), (255, 16941), (258, 16953), (275, 17004), (300, 17085), (306, 17118), (308, 17124), (329, 17205), (330, 17217), (335, 17241), (341, 17268), (361, 17343), (368, 17358),

Gene: Mikota_22 Start: 17056, Stop: 17793, Start Num: 99

Candidate Starts for Mikota_22:

(Start: 99 @17056 has 367 MA's), (158, 17170), (160, 17176), (Start: 164 @17185 has 12 MA's), (165, 17194), (214, 17290), (253, 17362), (255, 17368), (258, 17380), (275, 17431), (300, 17512), (306, 17545), (308, 17551), (329, 17632), (330, 17644), (335, 17668), (341, 17695), (361, 17770), (368, 17785),

Gene: Mila11_34 Start: 21754, Stop: 22602, Start Num: 110

Candidate Starts for Mila11_34:

(Start: 110 @21754 has 51 MA's), (139, 21817), (152, 21847), (172, 21910), (196, 21967), (202, 21979), (236, 22060), (269, 22168), (303, 22291), (306, 22309), (351, 22501),

Gene: Mimi_84 Start: 51267, Stop: 51956, Start Num: 164

Candidate Starts for Mimi_84:

(Start: 164 @51267 has 12 MA's), (250, 51465), (277, 51552), (281, 51564), (286, 51585), (290, 51603), (294, 51621), (300, 51642), (307, 51678), (321, 51726), (326, 51741), (338, 51810), (339, 51813),

Gene: MiniBoss_22 Start: 17059, Stop: 17796, Start Num: 99

Candidate Starts for MiniBoss_22:

(Start: 99 @17059 has 367 MA's), (158, 17173), (160, 17179), (Start: 164 @17188 has 12 MA's), (165, 17197), (214, 17293), (253, 17365), (255, 17371), (258, 17383), (275, 17434), (300, 17515), (306, 17548), (308, 17554), (329, 17635), (330, 17647), (335, 17671), (341, 17698), (361, 17773), (368, 17788),

Gene: Mischief19_25 Start: 27659, Stop: 28531, Start Num: 109

Candidate Starts for Mischief19_25:

(Start: 109 @27659 has 14 MA's), (139, 27716), (165, 27785), (177, 27824), (283, 28106), (315, 28274), (333, 28355), (343, 28400), (365, 28481), (368, 28487), (373, 28502),

Gene: MisoSoup_22 Start: 14012, Stop: 14890, Start Num: 89

Candidate Starts for MisoSoup_22:

(Start: 89 @14012 has 2 MA's), (158, 14159), (163, 14171), (177, 14219), (196, 14261), (236, 14354), (263, 14444), (270, 14465), (278, 14486), (286, 14507), (303, 14582), (355, 14807), (368, 14840), (385, 14876),

Gene: MitKao_22 Start: 16777, Stop: 17514, Start Num: 99

Candidate Starts for MitKao_22:

(Start: 99 @16777 has 367 MA's), (158, 16891), (160, 16897), (Start: 164 @16906 has 12 MA's), (165, 16915), (214, 17011), (253, 17083), (255, 17089), (258, 17101), (275, 17152), (300, 17233), (306, 17266), (308, 17272), (329, 17353), (330, 17365), (335, 17389), (341, 17416), (350, 17458), (361, 17491), (368, 17506),

Gene: Mithril_20 Start: 17693, Stop: 18436, Start Num: 99

Candidate Starts for Mithril_20:

(Start: 99 @17693 has 367 MA's), (160, 17804), (163, 17810), (177, 17858), (246, 17987), (260, 18032), (269, 18059), (277, 18083), (284, 18095), (292, 18125), (303, 18170), (308, 18194), (335, 18311), (341, 18338), (351, 18383), (355, 18395), (361, 18413), (368, 18428),

Gene: MmasiCarm_23 Start: 17716, Stop: 18474, Start Num: 99

Candidate Starts for MmasiCarm_23:

(Start: 73 @17641 has 11 MA's), (Start: 99 @17716 has 367 MA's), (Start: 107 @17734 has 20 MA's), (163, 17854), (165, 17866), (200, 17950), (263, 18079), (269, 18097), (291, 18157), (304, 18214), (318, 18268), (335, 18349), (338, 18361), (343, 18379), (363, 18454),

Gene: MoontowerMania_26 Start: 21288, Stop: 22061, Start Num: 116

Candidate Starts for MoontowerMania_26:

(Start: 116 @21288 has 85 MA's), (139, 21336), (177, 21441), (253, 21588), (268, 21639), (285, 21684), (303, 21762), (306, 21780), (318, 21819), (346, 21942), (381, 22044),

Gene: Morgushi_22 Start: 16782, Stop: 17519, Start Num: 99

Candidate Starts for Morgushi_22:

(Start: 99 @16782 has 367 MA's), (158, 16896), (160, 16902), (Start: 164 @16911 has 12 MA's), (165, 16920), (214, 17016), (253, 17088), (255, 17094), (258, 17106), (275, 17157), (300, 17238), (306, 17271), (308, 17277), (329, 17358), (330, 17370), (335, 17394), (341, 17421), (361, 17496), (368, 17511),

Gene: MorillMayhem_31 Start: 20780, Stop: 21628, Start Num: 110

Candidate Starts for MorillMayhem_31:

(Start: 110 @20780 has 51 MA's), (139, 20843), (152, 20873), (172, 20936), (196, 20993), (202, 21005), (236, 21086), (269, 21194), (303, 21317), (306, 21335), (359, 21554),

Gene: Mortcellus_22 Start: 18377, Stop: 19117, Start Num: 107

Candidate Starts for Mortcellus_22:

(Start: 73 @18284 has 11 MA's), (80, 18302), (Start: 99 @18359 has 367 MA's), (Start: 107 @18377 has 20 MA's), (163, 18497), (165, 18509), (200, 18593), (263, 18722), (269, 18740), (291, 18800), (304, 18857), (318, 18911), (335, 18992), (338, 19004), (343, 19022), (363, 19097),

Gene: Morty_22 Start: 17081, Stop: 17818, Start Num: 99

Candidate Starts for Morty_22:

(Start: 99 @17081 has 367 MA's), (158, 17195), (160, 17201), (Start: 164 @17210 has 12 MA's), (165, 17219), (214, 17315), (253, 17387), (255, 17393), (258, 17405), (275, 17456), (300, 17537), (306, 17570), (308, 17576), (329, 17657), (330, 17669), (335, 17693), (341, 17720), (350, 17762), (361, 17795), (368, 17810),

Gene: Morty007_23 Start: 18521, Stop: 19261, Start Num: 107

Candidate Starts for Morty007_23:

(Start: 73 @18428 has 11 MA's), (80, 18446), (Start: 99 @18503 has 367 MA's), (Start: 107 @18521 has 20 MA's), (163, 18641), (165, 18653), (200, 18737), (263, 18866), (269, 18884), (291, 18944), (304, 19001), (318, 19055), (335, 19136), (338, 19148), (343, 19166), (363, 19241),

Gene: Mosaic_21 Start: 16783, Stop: 17520, Start Num: 99

Candidate Starts for Mosaic_21:

(Start: 99 @16783 has 367 MA's), (Start: 122 @16825 has 34 MA's), (158, 16897), (160, 16903), (Start: 164 @16912 has 12 MA's), (165, 16921), (214, 17017), (253, 17089), (255, 17095), (258, 17107), (275, 17158), (300, 17239), (306, 17272), (308, 17278), (329, 17359), (330, 17371), (335, 17395), (341, 17422), (350, 17464), (361, 17497), (368, 17512),

Gene: MossRose_21 Start: 16973, Stop: 17716, Start Num: 92

Candidate Starts for MossRose_21:

(Start: 92 @16973 has 8 MA's), (Start: 99 @16997 has 367 MA's), (Start: 107 @17015 has 20 MA's), (158, 17093), (160, 17099), (172, 17138), (210, 17207), (214, 17213), (263, 17324), (305, 17462), (350, 17660), (355, 17675), (361, 17693),

Gene: MrPhizzler_22 Start: 16782, Stop: 17519, Start Num: 99

Candidate Starts for MrPhizzler_22:

(Start: 99 @16782 has 367 MA's), (158, 16896), (160, 16902), (Start: 164 @16911 has 12 MA's), (165, 16920), (214, 17016), (253, 17088), (255, 17094), (258, 17106), (275, 17157), (300, 17238), (306, 17271), (308, 17277), (329, 17358), (330, 17370), (335, 17394), (341, 17421), (361, 17496), (368, 17511),

Gene: Mudslide_20 Start: 17940, Stop: 18683, Start Num: 99

Candidate Starts for Mudslide_20:

(Start: 99 @17940 has 367 MA's), (160, 18051), (163, 18057), (177, 18105), (246, 18234), (253, 18252), (260, 18279), (269, 18306), (277, 18330), (284, 18342), (292, 18372), (303, 18417), (308, 18441), (314, 18462), (341, 18585), (351, 18630), (355, 18642), (361, 18660), (368, 18675),

Gene: Mulan_21 Start: 16777, Stop: 17514, Start Num: 99

Candidate Starts for Mulan_21:

(Start: 99 @16777 has 367 MA's), (Start: 122 @16819 has 34 MA's), (158, 16891), (160, 16897), (Start: 164 @16906 has 12 MA's), (165, 16915), (214, 17011), (253, 17083), (255, 17089), (258, 17101), (275, 17152), (300, 17233), (306, 17266), (308, 17272), (329, 17353), (330, 17365), (335, 17389), (341, 17416), (361, 17491), (368, 17506),

Gene: Mulaychimus_23 Start: 17623, Stop: 18456, Start Num: 73

Candidate Starts for Mulaychimus_23:

(Start: 73 @17623 has 11 MA's), (80, 17641), (Start: 99 @17698 has 367 MA's), (Start: 107 @17716 has 20 MA's), (165, 17848), (200, 17932), (263, 18061), (269, 18079), (291, 18139), (304, 18196), (318, 18250), (335, 18331), (338, 18343), (343, 18361), (363, 18436),

Gene: Murdoc_22 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for Murdoc_22:

(Start: 99 @17070 has 367 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (350, 17751), (361, 17784), (368, 17799),

Gene: Mutante_21 Start: 16780, Stop: 17517, Start Num: 99

Candidate Starts for Mutante_21:

(Start: 99 @16780 has 367 MA's), (158, 16894), (160, 16900), (Start: 164 @16909 has 12 MA's), (165, 16918), (214, 17014), (253, 17086), (255, 17092), (258, 17104), (275, 17155), (300, 17236), (306, 17269), (308, 17275), (329, 17356), (330, 17368), (335, 17392), (341, 17419), (350, 17461), (361, 17494), (368, 17509),

Gene: Mutzi_25 Start: 16313, Stop: 17083, Start Num: 122

Candidate Starts for Mutzi_25:

(98, 16268), (112, 16301), (Start: 122 @16313 has 34 MA's), (165, 16424), (170, 16436), (177, 16460), (255, 16622), (260, 16643), (263, 16652), (276, 16691), (320, 16853), (336, 16934), (353, 17003), (355, 17009), (381, 17066),

Gene: Mysterious_22 Start: 18051, Stop: 18806, Start Num: 99

Candidate Starts for Mysterious_22:

(Start: 99 @18051 has 367 MA's), (158, 18165), (163, 18177), (251, 18372), (253, 18375), (269, 18429), (284, 18465), (294, 18504), (311, 18576), (335, 18681), (341, 18708), (350, 18750), (368, 18798),

Gene: NHagos_19 Start: 15506, Stop: 16258, Start Num: 99

Candidate Starts for NHagos_19:

(Start: 99 @15506 has 367 MA's), (Start: 107 @15524 has 20 MA's), (Start: 120 @15545 has 1 MA's), (147, 15605), (158, 15632), (175, 15686), (210, 15746), (214, 15752), (236, 15779), (245, 15806), (251, 15824), (258, 15845), (263, 15863), (269, 15881), (284, 15917), (288, 15929), (303, 15992), (333, 16118), (349, 16196), (350, 16202),

Gene: Nacho_0022 Start: 17069, Stop: 17806, Start Num: 99

Candidate Starts for Nacho_0022:

(Start: 99 @17069 has 367 MA's), (Start: 122 @17111 has 34 MA's), (158, 17183), (160, 17189), (Start: 164 @17198 has 12 MA's), (165, 17207), (214, 17303), (253, 17375), (255, 17381), (258, 17393), (275, 17444), (300, 17525), (306, 17558), (308, 17564), (329, 17645), (330, 17657), (335, 17681), (341, 17708), (350, 17750), (361, 17783), (368, 17798),

Gene: Namago_31 Start: 20349, Stop: 21197, Start Num: 110

Candidate Starts for Namago_31:

(Start: 110 @20349 has 51 MA's), (139, 20412), (152, 20442), (172, 20505), (196, 20562), (202, 20574), (236, 20655), (269, 20763), (303, 20886), (306, 20904), (351, 21096),

Gene: Nanao_19 Start: 16590, Stop: 17402, Start Num: 74

Candidate Starts for Nanao_19:

(Start: 74 @16590 has 3 MA's), (82, 16611), (87, 16626), (Start: 99 @16659 has 367 MA's), (160, 16770), (163, 16776), (Start: 164 @16779 has 12 MA's), (177, 16824), (246, 16953), (260, 16998), (269, 17025), (277, 17049), (284, 17061), (292, 17091), (303, 17136), (308, 17160), (330, 17253), (341, 17304), (351, 17349), (355, 17361), (361, 17379), (368, 17394),

Gene: Nangang_22 Start: 17747, Stop: 18505, Start Num: 99

Candidate Starts for Nangang_22:

(Start: 99 @17747 has 367 MA's), (Start: 116 @17780 has 85 MA's), (163, 17873), (175, 17915), (235, 18020), (251, 18071), (284, 18164), (292, 18194), (294, 18203), (308, 18263), (350, 18449), (368, 18497),

Gene: Nathan_22 Start: 17082, Stop: 17819, Start Num: 99

Candidate Starts for Nathan_22:

(Start: 99 @17082 has 367 MA's), (158, 17196), (160, 17202), (Start: 164 @17211 has 12 MA's), (165, 17220), (214, 17316), (253, 17388), (255, 17394), (258, 17406), (275, 17457), (300, 17538), (306, 17571), (308, 17577), (329, 17658), (330, 17670), (335, 17694), (341, 17721), (350, 17763), (361, 17796), (368, 17811),

Gene: Natkenzie_26 Start: 21114, Stop: 21905, Start Num: 116

Candidate Starts for Natkenzie_26:

(Start: 116 @21114 has 85 MA's), (170, 21243), (212, 21339), (285, 21534), (292, 21564), (318, 21669), (330, 21726), (336, 21756), (346, 21792), (368, 21864),

Gene: Nehemiah_21 Start: 18051, Stop: 18806, Start Num: 99

Candidate Starts for Nehemiah_21:

(Start: 99 @18051 has 367 MA's), (158, 18165), (163, 18177), (235, 18321), (251, 18372), (253, 18375), (269, 18429), (284, 18465), (294, 18504), (311, 18576), (335, 18681), (341, 18708), (350, 18750), (368, 18798),

Gene: Neos5_23 Start: 18531, Stop: 19271, Start Num: 107

Candidate Starts for Neos5_23:

(Start: 73 @18438 has 11 MA's), (80, 18456), (Start: 99 @18513 has 367 MA's), (Start: 107 @18531 has 20 MA's), (163, 18651), (165, 18663), (200, 18747), (263, 18876), (269, 18894), (291, 18954), (304, 19011), (318, 19065), (335, 19146), (338, 19158), (343, 19176), (363, 19251),

Gene: Newman_22 Start: 17069, Stop: 17806, Start Num: 99

Candidate Starts for Newman_22:

(Start: 99 @17069 has 367 MA's), (Start: 122 @17111 has 34 MA's), (158, 17183), (160, 17189), (Start: 164 @17198 has 12 MA's), (165, 17207), (214, 17303), (253, 17375), (255, 17381), (258, 17393), (275, 17444), (300, 17525), (306, 17558), (308, 17564), (329, 17645), (330, 17657), (335, 17681), (341, 17708), (361, 17783), (368, 17798),

Gene: NiaNia_23 Start: 16796, Stop: 17533, Start Num: 99

Candidate Starts for NiaNia_23:

(Start: 99 @16796 has 367 MA's), (Start: 122 @16838 has 34 MA's), (158, 16910), (160, 16916), (Start: 164 @16925 has 12 MA's), (165, 16934), (214, 17030), (253, 17102), (255, 17108), (258, 17120), (275, 17171), (300, 17252), (306, 17285), (308, 17291), (329, 17372), (330, 17384), (335, 17408), (341, 17435), (350, 17477), (361, 17510), (368, 17525),

Gene: Nicole21_22 Start: 17061, Stop: 17798, Start Num: 99

Candidate Starts for Nicole21_22:

(Start: 99 @17061 has 367 MA's), (158, 17175), (160, 17181), (Start: 164 @17190 has 12 MA's), (165, 17199), (214, 17295), (253, 17367), (255, 17373), (258, 17385), (275, 17436), (300, 17517), (306, 17550), (308, 17556), (329, 17637), (330, 17649), (335, 17673), (341, 17700), (350, 17742), (361, 17775), (368, 17790),

Gene: Nicole72_26 Start: 19571, Stop: 20485, Start Num: 71

Candidate Starts for Nicole72_26:

(Start: 71 @19571 has 42 MA's), (100, 19652), (158, 19763), (170, 19799), (173, 19808), (177, 19823), (189, 19856), (215, 19922), (228, 19955), (230, 19961), (258, 20054), (268, 20087), (270, 20093), (278, 20114), (291, 20153), (294, 20174), (303, 20210), (308, 20234), (310, 20243), (336, 20357), (342, 20378), (352, 20420), (355, 20429), (368, 20456), (372, 20465),

Gene: Nigel_18 Start: 16503, Stop: 17285, Start Num: 85

Candidate Starts for Nigel_18:

(Start: 85 @16503 has 1 MA's), (Start: 99 @16542 has 367 MA's), (147, 16620), (160, 16653), (163, 16659), (Start: 164 @16662 has 12 MA's), (210, 16773), (235, 16800), (241, 16821), (246, 16836), (255, 16860), (260, 16881), (269, 16908), (271, 16911), (284, 16944), (303, 17019), (308, 17043), (330, 17136), (335, 17160), (347, 17214), (351, 17232), (361, 17262), (368, 17277),

Gene: Nikan_26 Start: 18275, Stop: 18895, Start Num: 146

Candidate Starts for Nikan_26:

(Start: 146 @18275 has 19 MA's), (180, 18368), (200, 18407), (202, 18410), (207, 18419), (277, 18524), (286, 18545), (314, 18632), (317, 18641), (336, 18737), (349, 18788), (368, 18842), (378, 18860),

Gene: Nike_31 Start: 21301, Stop: 22149, Start Num: 110

Candidate Starts for Nike_31:

(Start: 110 @21301 has 51 MA's), (139, 21364), (152, 21394), (172, 21457), (196, 21514), (202, 21526), (236, 21607), (269, 21715), (303, 21838), (306, 21856), (359, 22075),

Gene: NoodlelyBoi_31 Start: 18324, Stop: 19238, Start Num: 71

Candidate Starts for NoodlelyBoi_31:

(Start: 71 @18324 has 42 MA's), (118, 18426), (175, 18570), (218, 18678), (228, 18705), (230, 18711), (294, 18924), (323, 19035), (333, 19086), (340, 19125), (355, 19179),

Gene: Nordenberg_21 Start: 20650, Stop: 21423, Start Num: 116

Candidate Starts for Nordenberg_21:

(Start: 116 @20650 has 85 MA's), (139, 20698), (163, 20755), (177, 20803), (232, 20893), (253, 20950), (268, 21001), (285, 21046), (303, 21124), (306, 21142), (318, 21181), (330, 21238), (346, 21304), (381, 21406),

Gene: Nova1_21 Start: 16644, Stop: 17381, Start Num: 99

Candidate Starts for Nova1_21:

(Start: 99 @16644 has 367 MA's), (158, 16758), (160, 16764), (Start: 164 @16773 has 12 MA's), (165, 16782), (214, 16878), (253, 16950), (255, 16956), (258, 16968), (275, 17019), (300, 17100), (306, 17133), (308, 17139), (329, 17220), (330, 17232), (335, 17256), (341, 17283), (361, 17358), (368, 17373),

Gene: Nozo_23 Start: 18483, Stop: 19241, Start Num: 99

Candidate Starts for Nozo_23:

(Start: 73 @18408 has 11 MA's), (80, 18426), (Start: 99 @18483 has 367 MA's), (Start: 107 @18501 has 20 MA's), (163, 18621), (165, 18633), (200, 18717), (263, 18846), (269, 18864), (291, 18924), (304, 18981), (318, 19035), (335, 19116), (338, 19128), (343, 19146), (363, 19221),

Gene: Nubi_23 Start: 15965, Stop: 16735, Start Num: 122

Candidate Starts for Nubi_23:

(Start: 122 @15965 has 34 MA's), (139, 16007), (170, 16088), (177, 16112), (222, 16193), (253, 16268), (255, 16274), (260, 16295), (263, 16304), (276, 16343), (320, 16505), (353, 16655), (355, 16661), (381, 16718),

Gene: Numberten_22 Start: 17074, Stop: 17811, Start Num: 99

Candidate Starts for Numberten_22:

(Start: 99 @17074 has 367 MA's), (158, 17188), (160, 17194), (Start: 164 @17203 has 12 MA's), (165, 17212), (214, 17308), (253, 17380), (255, 17386), (258, 17398), (275, 17449), (300, 17530), (306, 17563), (308, 17569), (329, 17650), (330, 17662), (335, 17686), (341, 17713), (350, 17755), (361, 17788), (368, 17803),

Gene: Nyala_21 Start: 16772, Stop: 17509, Start Num: 99

Candidate Starts for Nyala_21:

(Start: 99 @16772 has 367 MA's), (Start: 122 @16814 has 34 MA's), (158, 16886), (160, 16892), (Start: 164 @16901 has 12 MA's), (165, 16910), (214, 17006), (253, 17078), (255, 17084), (258, 17096), (275, 17147), (300, 17228), (306, 17261), (308, 17267), (329, 17348), (330, 17360), (335, 17384), (341, 17411), (361, 17486), (368, 17501),

Gene: NyleyClemson_26 Start: 17868, Stop: 18494, Start Num: 146

Candidate Starts for NyleyClemson_26:

(Start: 146 @17868 has 19 MA's), (180, 17961), (258, 18057), (277, 18117), (300, 18165), (314, 18225), (336, 18336), (347, 18378), (349, 18387), (378, 18459),

Gene: OSmaximus_22 Start: 17081, Stop: 17818, Start Num: 99

Candidate Starts for OSmaximus_22:

(Start: 99 @17081 has 367 MA's), (158, 17195), (160, 17201), (Start: 164 @17210 has 12 MA's), (165, 17219), (214, 17315), (253, 17387), (255, 17393), (258, 17405), (275, 17456), (300, 17537), (306, 17570), (308, 17576), (329, 17657), (330, 17669), (335, 17693), (341, 17720), (350, 17762), (361, 17795), (368, 17810),

Gene: Obutu_23 Start: 17734, Stop: 18474, Start Num: 107

Candidate Starts for Obutu_23:

(Start: 73 @17641 has 11 MA's), (80, 17659), (Start: 99 @17716 has 367 MA's), (Start: 107 @17734 has 20 MA's), (163, 17854), (165, 17866), (200, 17950), (263, 18079), (269, 18097), (291, 18157), (304, 18214), (318, 18268), (335, 18349), (338, 18361), (343, 18379), (363, 18454),

Gene: Odyssey395_33 Start: 19210, Stop: 19827, Start Num: 146

Candidate Starts for Odyssey395_33:

(Start: 146 @19210 has 19 MA's), (180, 19303), (258, 19399), (277, 19459), (300, 19507), (314, 19567), (317, 19576), (336, 19669), (347, 19711), (349, 19720), (378, 19792),

Gene: Olak_21 Start: 16773, Stop: 17510, Start Num: 99

Candidate Starts for Olak_21:

(Start: 99 @16773 has 367 MA's), (158, 16887), (160, 16893), (Start: 164 @16902 has 12 MA's), (165, 16911), (214, 17007), (253, 17079), (255, 17085), (258, 17097), (275, 17148), (300, 17229), (306, 17262), (308, 17268), (329, 17349), (330, 17361), (335, 17385), (341, 17412), (350, 17454), (361, 17487), (368, 17502),

Gene: Oline_21 Start: 16635, Stop: 17372, Start Num: 99

Candidate Starts for Oline_21:

(Start: 99 @16635 has 367 MA's), (158, 16749), (160, 16755), (Start: 164 @16764 has 12 MA's), (165, 16773), (214, 16869), (253, 16941), (255, 16947), (258, 16959), (275, 17010), (300, 17091), (306, 17124), (308, 17130), (329, 17211), (330, 17223), (335, 17247), (341, 17274), (361, 17349), (368, 17364),

Gene: Olive_22 Start: 17062, Stop: 17799, Start Num: 99

Candidate Starts for Olive_22:

(Start: 99 @17062 has 367 MA's), (158, 17176), (160, 17182), (Start: 164 @17191 has 12 MA's), (165, 17200), (214, 17296), (253, 17368), (255, 17374), (258, 17386), (275, 17437), (300, 17518), (306, 17551), (308, 17557), (329, 17638), (330, 17650), (335, 17674), (341, 17701), (361, 17776), (368, 17791),

Gene: OliverWalter_22 Start: 17078, Stop: 17815, Start Num: 99

Candidate Starts for OliverWalter_22:

(Start: 99 @17078 has 367 MA's), (Start: 122 @17120 has 34 MA's), (158, 17192), (160, 17198), (Start: 164 @17207 has 12 MA's), (165, 17216), (214, 17312), (253, 17384), (255, 17390), (258, 17402), (275, 17453), (300, 17534), (306, 17567), (308, 17573), (329, 17654), (330, 17666), (335, 17690), (341, 17717), (361, 17792), (368, 17807),

Gene: Olivio_22 Start: 17495, Stop: 18328, Start Num: 73

Candidate Starts for Olivio_22:

(Start: 73 @17495 has 11 MA's), (80, 17513), (Start: 99 @17570 has 367 MA's), (Start: 107 @17588 has 20 MA's), (163, 17708), (165, 17720), (200, 17804), (263, 17933), (269, 17951), (291, 18011), (304, 18068), (318, 18122), (335, 18203), (338, 18215), (343, 18233), (363, 18308),

Gene: Ollypop_29 Start: 18297, Stop: 18917, Start Num: 146

Candidate Starts for Ollypop_29:

(Start: 146 @18297 has 19 MA's), (180, 18390), (200, 18429), (202, 18432), (277, 18546), (317, 18663), (324, 18687), (347, 18801), (349, 18810), (368, 18864),

Gene: Omniscient_22 Start: 17081, Stop: 17818, Start Num: 99

Candidate Starts for Omniscient_22:

(Start: 99 @17081 has 367 MA's), (158, 17195), (160, 17201), (Start: 164 @17210 has 12 MA's), (165, 17219), (214, 17315), (253, 17387), (255, 17393), (258, 17405), (275, 17456), (300, 17537), (306, 17570), (308, 17576), (329, 17657), (330, 17669), (335, 17693), (341, 17720), (350, 17762), (361,

17795), (368, 17810),

Gene: OneBrain_22 Start: 16773, Stop: 17510, Start Num: 99

Candidate Starts for OneBrain_22:

(Start: 99 @16773 has 367 MA's), (158, 16887), (160, 16893), (Start: 164 @16902 has 12 MA's), (165, 16911), (214, 17007), (253, 17079), (255, 17085), (258, 17097), (275, 17148), (300, 17229), (306, 17262), (308, 17268), (329, 17349), (330, 17361), (335, 17385), (341, 17412), (361, 17487), (368, 17502),

Gene: OneinaGillian_30 Start: 19284, Stop: 20129, Start Num: 110

Candidate Starts for OneinaGillian_30:

(Start: 110 @19284 has 51 MA's), (139, 19350), (152, 19380), (196, 19500), (236, 19593), (265, 19686), (294, 19788), (310, 19854), (330, 19935), (340, 19977), (351, 20025), (368, 20070),

Gene: Onika_30 Start: 17971, Stop: 18885, Start Num: 71

Candidate Starts for Onika_30:

(Start: 71 @17971 has 42 MA's), (118, 18073), (175, 18217), (218, 18325), (228, 18352), (230, 18358), (269, 18487), (294, 18571), (323, 18682), (336, 18754), (340, 18772), (355, 18826),

Gene: Oosterbaan_22 Start: 17073, Stop: 17810, Start Num: 99

Candidate Starts for Oosterbaan_22:

(Start: 99 @17073 has 367 MA's), (158, 17187), (160, 17193), (Start: 164 @17202 has 12 MA's), (165, 17211), (214, 17307), (253, 17379), (255, 17385), (258, 17397), (275, 17448), (300, 17529), (306, 17562), (308, 17568), (329, 17649), (330, 17661), (335, 17685), (341, 17712), (350, 17754), (361, 17787), (368, 17802),

Gene: Opia_24 Start: 19130, Stop: 19915, Start Num: 93

Candidate Starts for Opia_24:

(Start: 93 @19130 has 34 MA's), (138, 19241), (155, 19277), (Start: 161 @19298 has 3 MA's), (163, 19301), (177, 19349), (193, 19385), (253, 19487), (260, 19514), (263, 19523), (269, 19541), (276, 19562), (303, 19655), (308, 19679), (314, 19700), (329, 19757), (330, 19769), (331, 19772), (338, 19802), (349, 19853), (366, 19904),

Gene: OrangeOswald_23 Start: 17721, Stop: 18479, Start Num: 99

Candidate Starts for OrangeOswald_23:

(Start: 73 @17646 has 11 MA's), (80, 17664), (Start: 99 @17721 has 367 MA's), (Start: 107 @17739 has 20 MA's), (163, 17859), (165, 17871), (200, 17955), (263, 18084), (269, 18102), (291, 18162), (304, 18219), (318, 18273), (335, 18354), (338, 18366), (343, 18384), (363, 18459),

Gene: Orfeu_21 Start: 16772, Stop: 17509, Start Num: 99

Candidate Starts for Orfeu_21:

(Start: 99 @16772 has 367 MA's), (158, 16886), (160, 16892), (Start: 164 @16901 has 12 MA's), (165, 16910), (214, 17006), (253, 17078), (255, 17084), (258, 17096), (275, 17147), (300, 17228), (306, 17261), (308, 17267), (329, 17348), (330, 17360), (335, 17384), (341, 17411), (350, 17453), (361, 17486), (368, 17501),

Gene: Orion_22 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for Orion_22:

(Start: 99 @17070 has 367 MA's), (Start: 122 @17112 has 34 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: Orwigg_21 Start: 16767, Stop: 17504, Start Num: 99

Candidate Starts for Orwigg_21:

(Start: 99 @16767 has 367 MA's), (158, 16881), (160, 16887), (Start: 164 @16896 has 12 MA's), (165, 16905), (214, 17001), (253, 17073), (255, 17079), (258, 17091), (275, 17142), (300, 17223), (306, 17256), (308, 17262), (329, 17343), (330, 17355), (335, 17379), (341, 17406), (350, 17448), (361, 17481), (368, 17496),

Gene: PG1_22 Start: 17083, Stop: 17820, Start Num: 99

Candidate Starts for PG1_22:

(Start: 99 @17083 has 367 MA's), (158, 17197), (160, 17203), (Start: 164 @17212 has 12 MA's), (165, 17221), (214, 17317), (253, 17389), (255, 17395), (258, 17407), (275, 17458), (300, 17539), (306, 17572), (308, 17578), (329, 17659), (330, 17671), (335, 17695), (341, 17722), (361, 17797), (368, 17812),

Gene: PR_16 Start: 16519, Stop: 17256, Start Num: 101

Candidate Starts for PR_16:

(Start: 101 @16519 has 8 MA's), (Start: 107 @16531 has 20 MA's), (Start: 164 @16654 has 12 MA's), (184, 16720), (193, 16735), (201, 16750), (234, 16777), (241, 16798), (246, 16813), (251, 16828), (253, 16831), (261, 16861), (263, 16867), (268, 16882), (285, 16924), (289, 16942), (303, 16996), (304, 16999), (311, 17032), (313, 17038), (314, 17041), (318, 17053), (330, 17110), (333, 17119), (335, 17134), (350, 17200), (355, 17215), (361, 17233), (368, 17248),

Gene: Pacifista_21 Start: 16774, Stop: 17511, Start Num: 99

Candidate Starts for Pacifista_21:

(Start: 99 @16774 has 367 MA's), (158, 16888), (160, 16894), (Start: 164 @16903 has 12 MA's), (165, 16912), (214, 17008), (253, 17080), (255, 17086), (258, 17098), (275, 17149), (300, 17230), (306, 17263), (308, 17269), (329, 17350), (330, 17362), (335, 17386), (341, 17413), (350, 17455), (361, 17488), (368, 17503),

Gene: PallasAthena_22 Start: 16781, Stop: 17518, Start Num: 99

Candidate Starts for PallasAthena_22:

(Start: 99 @16781 has 367 MA's), (158, 16895), (160, 16901), (Start: 164 @16910 has 12 MA's), (165, 16919), (214, 17015), (253, 17087), (255, 17093), (258, 17105), (275, 17156), (300, 17237), (306, 17270), (308, 17276), (329, 17357), (330, 17369), (335, 17393), (341, 17420), (350, 17462), (361, 17495), (368, 17510),

Gene: Panchaali_77 Start: 48344, Stop: 49036, Start Num: 164

Candidate Starts for Panchaali_77:

(159, 48332), (Start: 164 @48344 has 12 MA's), (297, 48710), (298, 48713), (316, 48788), (318, 48794), (326, 48821), (329, 48842), (339, 48893),

Gene: Paries_29 Start: 22107, Stop: 22880, Start Num: 116

Candidate Starts for Paries_29:

(Start: 116 @22107 has 85 MA's), (139, 22155), (163, 22212), (177, 22260), (232, 22350), (253, 22407), (268, 22458), (285, 22503), (303, 22581), (306, 22599), (318, 22638), (346, 22761), (381, 22863),

Gene: Paschalis_30 Start: 17984, Stop: 18898, Start Num: 71

Candidate Starts for Paschalis_30:

(Start: 71 @17984 has 42 MA's), (Start: 75 @17996 has 4 MA's), (118, 18086), (175, 18230), (218, 18338), (228, 18365), (230, 18371), (269, 18500), (294, 18584), (323, 18695), (336, 18767), (340, 18785), (355, 18839),

Gene: Patbob_83 Start: 52139, Stop: 52828, Start Num: 164

Candidate Starts for Patbob_83:

(Start: 164 @52139 has 12 MA's), (250, 52337), (277, 52424), (281, 52436), (286, 52457), (290, 52475), (294, 52493), (300, 52514), (307, 52550), (321, 52598), (326, 52613), (338, 52682), (339, 52685),

Gene: PauloDiaboli_91 Start: 48380, Stop: 49141, Start Num: 143

Candidate Starts for PauloDiaboli_91:

(Start: 143 @48380 has 7 MA's), (171, 48461), (191, 48518), (216, 48563), (240, 48614), (248, 48635), (256, 48662), (257, 48665), (278, 48734), (303, 48836), (309, 48866), (313, 48878), (318, 48893), (335, 48980), (348, 49040), (349, 49043), (350, 49049), (372, 49106),

Gene: PenguinLover67_24 Start: 19278, Stop: 20039, Start Num: 99

Candidate Starts for PenguinLover67_24:

(Start: 99 @19278 has 367 MA's), (123, 19323), (163, 19407), (Start: 164 @19410 has 12 MA's), (177, 19455), (205, 19512), (251, 19602), (260, 19632), (263, 19641), (303, 19770), (308, 19794), (335, 19914), (341, 19941), (368, 20031),

Gene: Pepe25_29 Start: 19511, Stop: 20353, Start Num: 110

Candidate Starts for Pepe25_29:

(103, 19496), (Start: 110 @19511 has 51 MA's), (139, 19577), (152, 19607), (196, 19727), (236, 19820), (265, 19913), (294, 20015), (303, 20048), (310, 20081), (340, 20204), (351, 20252), (368, 20297),

Gene: Phabia_31 Start: 20683, Stop: 21531, Start Num: 110

Candidate Starts for Phabia_31:

(Start: 110 @20683 has 51 MA's), (139, 20746), (152, 20776), (172, 20839), (196, 20896), (202, 20908), (236, 20989), (269, 21097), (303, 21220), (306, 21238), (351, 21430),

Gene: Phaedrus_21 Start: 17655, Stop: 18395, Start Num: 107

Candidate Starts for Phaedrus_21:

(Start: 73 @17562 has 11 MA's), (Start: 99 @17637 has 367 MA's), (Start: 107 @17655 has 20 MA's), (163, 17775), (165, 17787), (200, 17871), (263, 18000), (269, 18018), (291, 18078), (304, 18135), (318, 18189), (335, 18270), (338, 18282), (343, 18300), (363, 18375),

Gene: Phamished_22 Start: 17078, Stop: 17815, Start Num: 99

Candidate Starts for Phamished_22:

(Start: 99 @17078 has 367 MA's), (158, 17192), (160, 17198), (Start: 164 @17207 has 12 MA's), (165, 17216), (214, 17312), (253, 17384), (255, 17390), (258, 17402), (275, 17453), (300, 17534), (306, 17567), (308, 17573), (329, 17654), (330, 17666), (335, 17690), (341, 17717), (350, 17759), (361, 17792), (368, 17807),

Gene: Phantasmagoria_24 Start: 19126, Stop: 19911, Start Num: 93

Candidate Starts for Phantasmagoria_24:

(Start: 93 @19126 has 34 MA's), (138, 19237), (155, 19273), (Start: 161 @19294 has 3 MA's), (163, 19297), (177, 19345), (193, 19381), (253, 19483), (260, 19510), (263, 19519), (269, 19537), (276, 19558), (303, 19651), (308, 19675), (314, 19696), (329, 19753), (330, 19765), (331, 19768), (338, 19798), (349, 19849), (366, 19900),

Gene: Phareon_22 Start: 16778, Stop: 17515, Start Num: 99

Candidate Starts for Phareon_22:

(Start: 99 @16778 has 367 MA's), (Start: 122 @16820 has 34 MA's), (158, 16892), (160, 16898), (Start: 164 @16907 has 12 MA's), (165, 16916), (214, 17012), (253, 17084), (255, 17090), (258,

17102), (275, 17153), (300, 17234), (306, 17267), (308, 17273), (329, 17354), (330, 17366), (335, 17390), (341, 17417), (361, 17492), (368, 17507),

Gene: PhatCats2014_22 Start: 17088, Stop: 17825, Start Num: 99

Candidate Starts for PhatCats2014_22:

(Start: 99 @17088 has 367 MA's), (158, 17202), (160, 17208), (Start: 164 @17217 has 12 MA's), (165, 17226), (214, 17322), (253, 17394), (255, 17400), (258, 17412), (275, 17463), (300, 17544), (306, 17577), (308, 17583), (329, 17664), (330, 17676), (335, 17700), (341, 17727), (350, 17769), (361, 17802), (368, 17817),

Gene: PhatLouie_22 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for PhatLouie_22:

(Start: 99 @17070 has 367 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: Phauci_18 Start: 16223, Stop: 17017, Start Num: 116

Candidate Starts for Phauci_18:

(Start: 116 @16223 has 85 MA's), (129, 16244), (150, 16295), (177, 16376), (213, 16436), (224, 16454), (226, 16457), (269, 16598), (277, 16622), (285, 16640), (307, 16739), (330, 16832), (331, 16835), (346, 16898), (368, 16970), (380, 16997),

Gene: Phayeta_23 Start: 17597, Stop: 18355, Start Num: 99

Candidate Starts for Phayeta_23:

(Start: 73 @17522 has 11 MA's), (80, 17540), (Start: 99 @17597 has 367 MA's), (Start: 107 @17615 has 20 MA's), (163, 17735), (165, 17747), (200, 17831), (263, 17960), (269, 17978), (291, 18038), (304, 18095), (318, 18149), (335, 18230), (338, 18242), (343, 18260), (363, 18335),

Gene: PhedwardCullen_30 Start: 17741, Stop: 18643, Start Num: 75

Candidate Starts for PhedwardCullen_30:

(Start: 71 @17729 has 42 MA's), (Start: 75 @17741 has 4 MA's), (118, 17831), (175, 17975), (218, 18083), (228, 18110), (230, 18116), (269, 18245), (294, 18329), (323, 18440), (336, 18512), (340, 18530), (355, 18584),

Gene: Phelemich_22 Start: 18047, Stop: 18802, Start Num: 99

Candidate Starts for Phelemich_22:

(Start: 99 @18047 has 367 MA's), (158, 18161), (163, 18173), (177, 18221), (251, 18368), (253, 18371), (269, 18425), (284, 18461), (294, 18500), (311, 18572), (335, 18677), (338, 18689), (341, 18704), (350, 18746), (368, 18794),

Gene: Phendrix_77 Start: 39765, Stop: 40388, Start Num: 190

Candidate Starts for Phendrix_77:

(Start: 190 @39765 has 2 MA's), (219, 39816), (223, 39825), (303, 40071), (323, 40146), (329, 40176), (333, 40197), (352, 40284),

Gene: PhenghisKhan_21 Start: 16629, Stop: 17366, Start Num: 99

Candidate Starts for PhenghisKhan_21:

(Start: 99 @16629 has 367 MA's), (158, 16743), (160, 16749), (Start: 164 @16758 has 12 MA's), (165, 16767), (214, 16863), (253, 16935), (255, 16941), (258, 16953), (275, 17004), (300, 17085), (306, 17118), (308, 17124), (329, 17205), (330, 17217), (335, 17241), (341, 17268), (361, 17343), (368, 17358),

Gene: Pherdinand_22 Start: 17078, Stop: 17815, Start Num: 99

Candidate Starts for Pherdinand_22:

(Start: 99 @17078 has 367 MA's), (158, 17192), (160, 17198), (Start: 164 @17207 has 12 MA's), (165, 17216), (214, 17312), (253, 17384), (255, 17390), (258, 17402), (275, 17453), (300, 17534), (306, 17567), (308, 17573), (329, 17654), (330, 17666), (335, 17690), (341, 17717), (350, 17759), (361, 17792), (368, 17807),

Gene: Phergie_21 Start: 16623, Stop: 17360, Start Num: 99

Candidate Starts for Phergie_21:

(Start: 99 @16623 has 367 MA's), (158, 16737), (160, 16743), (Start: 164 @16752 has 12 MA's), (165, 16761), (214, 16857), (253, 16929), (255, 16935), (258, 16947), (275, 16998), (300, 17079), (306, 17112), (308, 17118), (329, 17199), (330, 17211), (335, 17235), (341, 17262), (361, 17337), (368, 17352),

Gene: Philly_22 Start: 17587, Stop: 18345, Start Num: 99

Candidate Starts for Philly_22:

(Start: 73 @17512 has 11 MA's), (80, 17530), (Start: 99 @17587 has 367 MA's), (Start: 107 @17605 has 20 MA's), (163, 17725), (165, 17737), (200, 17821), (263, 17950), (269, 17968), (291, 18028), (304, 18085), (318, 18139), (335, 18220), (338, 18232), (343, 18250), (363, 18325),

Gene: Phinally_25 Start: 19634, Stop: 20425, Start Num: 116

Candidate Starts for Phinally_25:

(Start: 116 @19634 has 85 MA's), (129, 19655), (150, 19706), (177, 19787), (213, 19847), (224, 19865), (226, 19868), (269, 20009), (277, 20033), (285, 20051), (307, 20150), (330, 20243), (331, 20246), (336, 20273), (346, 20309), (373, 20396), (380, 20408),

Gene: Phinky_37 Start: 21853, Stop: 22707, Start Num: 110

Candidate Starts for Phinky_37:

(8, 21229), (11, 21280), (13, 21286), (37, 21535), (50, 21640), (Start: 110 @21853 has 51 MA's), (139, 21916), (148, 21937), (152, 21946), (177, 22024), (179, 22033), (202, 22078), (236, 22168), (284, 22315), (294, 22363), (303, 22399), (330, 22516), (354, 22615), (372, 22660),

Gene: Phipps_22 Start: 17048, Stop: 17785, Start Num: 99

Candidate Starts for Phipps_22:

(Start: 99 @17048 has 367 MA's), (158, 17162), (160, 17168), (Start: 164 @17177 has 12 MA's), (165, 17186), (214, 17282), (253, 17354), (255, 17360), (258, 17372), (275, 17423), (300, 17504), (306, 17537), (308, 17543), (329, 17624), (330, 17636), (335, 17660), (341, 17687), (350, 17729), (361, 17762), (368, 17777),

Gene: Phleuron_21 Start: 16629, Stop: 17366, Start Num: 99

Candidate Starts for Phleuron_21:

(Start: 99 @16629 has 367 MA's), (158, 16743), (160, 16749), (Start: 164 @16758 has 12 MA's), (165, 16767), (214, 16863), (253, 16935), (255, 16941), (258, 16953), (275, 17004), (300, 17085), (306, 17118), (308, 17124), (329, 17205), (330, 17217), (335, 17241), (341, 17268), (361, 17343), (368, 17358),

Gene: Phlop_23 Start: 16029, Stop: 16799, Start Num: 122

Candidate Starts for Phlop_23:

(84, 15936), (Start: 122 @16029 has 34 MA's), (139, 16071), (170, 16152), (222, 16257), (253, 16332), (255, 16338), (260, 16359), (263, 16368), (276, 16407), (285, 16428), (320, 16569), (322, 16578), (353, 16719), (355, 16725), (381, 16782),

Gene: Phlyer_23 Start: 18474, Stop: 19214, Start Num: 107

Candidate Starts for Phlyer_23:

(Start: 73 @18381 has 11 MA's), (80, 18399), (Start: 99 @18456 has 367 MA's), (Start: 107 @18474 has 20 MA's), (163, 18594), (165, 18606), (200, 18690), (263, 18819), (269, 18837), (291, 18897), (304, 18954), (318, 19008), (335, 19089), (338, 19101), (343, 19119), (363, 19194),

Gene: Phorgeous_30 Start: 17838, Stop: 18752, Start Num: 71

Candidate Starts for Phorgeous_30:

(Start: 71 @17838 has 42 MA's), (118, 17940), (175, 18084), (218, 18192), (228, 18219), (230, 18225), (269, 18354), (294, 18438), (323, 18549), (336, 18621), (340, 18639), (355, 18693),

Gene: Phrampa_76 Start: 48844, Stop: 49551, Start Num: 164

Candidate Starts for Phrampa_76:

(Start: 164 @48844 has 12 MA's), (281, 49159), (286, 49180), (290, 49198), (300, 49237), (307, 49273), (321, 49321), (326, 49336), (335, 49393), (338, 49405), (339, 49408),

Gene: Phrancesco_31 Start: 18116, Stop: 19030, Start Num: 71

Candidate Starts for Phrancesco_31:

(Start: 71 @18116 has 42 MA's), (118, 18218), (175, 18362), (218, 18470), (228, 18497), (230, 18503), (269, 18632), (294, 18716), (323, 18827), (329, 18857), (336, 18899), (340, 18917), (355, 18971),

Gene: PhrankReynolds_21 Start: 16629, Stop: 17366, Start Num: 99

Candidate Starts for PhrankReynolds_21:

(Start: 99 @16629 has 367 MA's), (158, 16743), (160, 16749), (Start: 164 @16758 has 12 MA's), (165, 16767), (214, 16863), (253, 16935), (255, 16941), (258, 16953), (275, 17004), (300, 17085), (306, 17118), (308, 17124), (329, 17205), (330, 17217), (335, 17241), (341, 17268), (361, 17343), (368, 17358),

Gene: PhrodoBaggins_21 Start: 17066, Stop: 17803, Start Num: 99

Candidate Starts for PhrodoBaggins_21:

(Start: 99 @17066 has 367 MA's), (158, 17180), (160, 17186), (Start: 164 @17195 has 12 MA's), (165, 17204), (214, 17300), (253, 17372), (255, 17378), (258, 17390), (275, 17441), (300, 17522), (306, 17555), (308, 17561), (329, 17642), (330, 17654), (335, 17678), (341, 17705), (350, 17747), (361, 17780), (368, 17795),

Gene: Phunky_22 Start: 17072, Stop: 17809, Start Num: 99

Candidate Starts for Phunky_22:

(Start: 99 @17072 has 367 MA's), (158, 17186), (160, 17192), (Start: 164 @17201 has 12 MA's), (165, 17210), (214, 17306), (253, 17378), (255, 17384), (258, 17396), (275, 17447), (300, 17528), (306, 17561), (308, 17567), (329, 17648), (330, 17660), (335, 17684), (341, 17711), (350, 17753), (361, 17786), (368, 17801),

Gene: PhuzzTulsa_29 Start: 19170, Stop: 19787, Start Num: 146

Candidate Starts for PhuzzTulsa_29:

(Start: 146 @19170 has 19 MA's), (180, 19263), (258, 19359), (277, 19419), (300, 19467), (314, 19527), (317, 19536), (336, 19629), (347, 19671), (349, 19680), (378, 19752),

Gene: PierreOrion_31 Start: 18151, Stop: 19053, Start Num: 75

Candidate Starts for PierreOrion_31:

(Start: 71 @18139 has 42 MA's), (Start: 75 @18151 has 4 MA's), (118, 18241), (175, 18385), (218, 18493), (228, 18520), (230, 18526), (269, 18655), (294, 18739), (323, 18850), (336, 18922), (340, 18940), (355, 18994),

Gene: Piglet_0021 Start: 17072, Stop: 17809, Start Num: 99

Candidate Starts for Piglet_0021:

(Start: 99 @17072 has 367 MA's), (Start: 122 @17114 has 34 MA's), (158, 17186), (160, 17192), (Start: 164 @17201 has 12 MA's), (165, 17210), (214, 17306), (253, 17378), (255, 17384), (258, 17396), (275, 17447), (300, 17528), (306, 17561), (308, 17567), (329, 17648), (330, 17660), (335, 17684), (341, 17711), (350, 17753), (361, 17786), (368, 17801),

Gene: Pine5_22 Start: 17894, Stop: 18637, Start Num: 106

Candidate Starts for Pine5_22:

(106, 17894), (200, 18095), (219, 18131), (303, 18374), (338, 18524), (352, 18587), (355, 18596), (368, 18629),

Gene: PinheadLarry_22 Start: 16789, Stop: 17526, Start Num: 99

Candidate Starts for PinheadLarry_22:

(Start: 99 @16789 has 367 MA's), (Start: 122 @16831 has 34 MA's), (158, 16903), (160, 16909), (Start: 164 @16918 has 12 MA's), (165, 16927), (214, 17023), (253, 17095), (255, 17101), (258, 17113), (275, 17164), (300, 17245), (306, 17278), (308, 17284), (329, 17365), (330, 17377), (335, 17401), (341, 17428), (361, 17503), (368, 17518),

Gene: PinkCoffee_25 Start: 16668, Stop: 17438, Start Num: 122

Candidate Starts for PinkCoffee_25:

(Start: 122 @16668 has 34 MA's), (139, 16710), (170, 16791), (222, 16896), (253, 16971), (255, 16977), (260, 16998), (263, 17007), (276, 17046), (320, 17208), (353, 17358), (355, 17364), (381, 17421),

Gene: Pinkman_21 Start: 16629, Stop: 17366, Start Num: 99

Candidate Starts for Pinkman_21:

(Start: 99 @16629 has 367 MA's), (158, 16743), (160, 16749), (Start: 164 @16758 has 12 MA's), (165, 16767), (214, 16863), (253, 16935), (255, 16941), (258, 16953), (275, 17004), (300, 17085), (306, 17118), (308, 17124), (329, 17205), (330, 17217), (335, 17241), (341, 17268), (361, 17343), (368, 17358),

Gene: Pipefish_23 Start: 18603, Stop: 19361, Start Num: 99

Candidate Starts for Pipefish_23:

(Start: 73 @18528 has 11 MA's), (Start: 99 @18603 has 367 MA's), (Start: 107 @18621 has 20 MA's), (163, 18741), (200, 18837), (263, 18966), (269, 18984), (291, 19044), (304, 19101), (318, 19155), (335, 19236), (338, 19248), (343, 19266), (363, 19341),

Gene: PiperSansNom_31 Start: 18291, Stop: 19205, Start Num: 71

Candidate Starts for PiperSansNom_31:

(Start: 71 @18291 has 42 MA's), (Start: 75 @18303 has 4 MA's), (118, 18393), (175, 18537), (218, 18645), (228, 18672), (230, 18678), (269, 18807), (294, 18891), (323, 19002), (336, 19074), (340, 19092), (355, 19146),

Gene: Piperis_31 Start: 17961, Stop: 18875, Start Num: 71

Candidate Starts for Piperis_31:

(Start: 71 @17961 has 42 MA's), (118, 18063), (175, 18207), (218, 18315), (228, 18342), (230, 18348), (269, 18477), (294, 18561), (323, 18672), (336, 18744), (340, 18762), (355, 18816),

Gene: Pipsqueak_22 Start: 17078, Stop: 17815, Start Num: 99

Candidate Starts for Pipsqueak_22:

(Start: 99 @17078 has 367 MA's), (158, 17192), (160, 17198), (Start: 164 @17207 has 12 MA's), (165, 17216), (214, 17312), (253, 17384), (255, 17390), (258, 17402), (275, 17453), (300, 17534), (306, 17567), (308, 17573), (329, 17654), (330, 17666), (335, 17690), (341, 17717), (361, 17792), (368,

17807),

Gene: Placalicious_21 Start: 16771, Stop: 17508, Start Num: 99

Candidate Starts for Placalicious_21:

(Start: 99 @16771 has 367 MA's), (158, 16885), (160, 16891), (Start: 164 @16900 has 12 MA's), (165, 16909), (214, 17005), (253, 17077), (255, 17083), (258, 17095), (275, 17146), (300, 17227), (306, 17260), (308, 17266), (329, 17347), (330, 17359), (335, 17383), (341, 17410), (350, 17452), (361, 17485), (368, 17500),

Gene: Plata_21 Start: 16785, Stop: 17522, Start Num: 99

Candidate Starts for Plata_21:

(Start: 99 @16785 has 367 MA's), (158, 16899), (160, 16905), (Start: 164 @16914 has 12 MA's), (165, 16923), (214, 17019), (253, 17091), (255, 17097), (258, 17109), (275, 17160), (300, 17241), (306, 17274), (308, 17280), (329, 17361), (330, 17373), (335, 17397), (341, 17424), (361, 17499), (368, 17514),

Gene: Plmatters_22 Start: 17075, Stop: 17812, Start Num: 99

Candidate Starts for Plmatters_22:

(Start: 99 @17075 has 367 MA's), (158, 17189), (160, 17195), (Start: 164 @17204 has 12 MA's), (165, 17213), (214, 17309), (253, 17381), (255, 17387), (258, 17399), (275, 17450), (300, 17531), (306, 17564), (308, 17570), (329, 17651), (330, 17663), (335, 17687), (341, 17714), (350, 17756), (361, 17789), (368, 17804),

Gene: Podrick_22 Start: 17067, Stop: 17804, Start Num: 99

Candidate Starts for Podrick_22:

(Start: 99 @17067 has 367 MA's), (158, 17181), (160, 17187), (Start: 164 @17196 has 12 MA's), (165, 17205), (214, 17301), (253, 17373), (255, 17379), (258, 17391), (275, 17442), (300, 17523), (306, 17556), (308, 17562), (329, 17643), (330, 17655), (335, 17679), (341, 17706), (350, 17748), (361, 17781), (368, 17796),

Gene: Pointis_31 Start: 19214, Stop: 19831, Start Num: 146

Candidate Starts for Pointis_31:

(Start: 146 @19214 has 19 MA's), (180, 19307), (258, 19403), (277, 19463), (300, 19511), (314, 19571), (317, 19580), (336, 19673), (347, 19715), (349, 19724), (378, 19796),

Gene: Pops_22 Start: 17075, Stop: 17812, Start Num: 99

Candidate Starts for Pops_22:

(Start: 99 @17075 has 367 MA's), (158, 17189), (160, 17195), (Start: 164 @17204 has 12 MA's), (165, 17213), (214, 17309), (253, 17381), (255, 17387), (258, 17399), (275, 17450), (300, 17531), (306, 17564), (308, 17570), (329, 17651), (330, 17663), (335, 17687), (341, 17714), (361, 17789), (368, 17804),

Gene: Popstraw_29 Start: 19000, Stop: 19617, Start Num: 146

Candidate Starts for Popstraw_29:

(Start: 146 @19000 has 19 MA's), (180, 19093), (258, 19189), (277, 19249), (300, 19297), (314, 19357), (317, 19366), (336, 19459), (347, 19501), (349, 19510), (378, 19582),

Gene: Portcullis_23 Start: 15972, Stop: 16742, Start Num: 122

Candidate Starts for Portcullis_23:

(84, 15879), (Start: 122 @15972 has 34 MA's), (139, 16014), (170, 16095), (222, 16200), (253, 16275), (255, 16281), (260, 16302), (263, 16311), (276, 16350), (285, 16371), (320, 16512), (322, 16521), (353, 16662), (355, 16668), (381, 16725),

Gene: Poster_19 Start: 16591, Stop: 17403, Start Num: 74

Candidate Starts for Poster_19:

(Start: 74 @16591 has 3 MA's), (82, 16612), (87, 16627), (Start: 99 @16660 has 367 MA's), (160, 16771), (163, 16777), (Start: 164 @16780 has 12 MA's), (177, 16825), (246, 16954), (260, 16999), (269, 17026), (277, 17050), (284, 17062), (292, 17092), (303, 17137), (308, 17161), (330, 17254), (341, 17305), (351, 17350), (355, 17362), (361, 17380), (368, 17395),

Gene: Potter_21 Start: 16785, Stop: 17522, Start Num: 99

Candidate Starts for Potter_21:

(Start: 99 @16785 has 367 MA's), (158, 16899), (160, 16905), (Start: 164 @16914 has 12 MA's), (165, 16923), (214, 17019), (253, 17091), (255, 17097), (258, 17109), (275, 17160), (300, 17241), (306, 17274), (308, 17280), (329, 17361), (330, 17373), (335, 17397), (341, 17424), (361, 17499), (368, 17514),

Gene: Prickles_22 Start: 17064, Stop: 17801, Start Num: 99

Candidate Starts for Prickles_22:

(Start: 99 @17064 has 367 MA's), (Start: 122 @17106 has 34 MA's), (158, 17178), (160, 17184), (Start: 164 @17193 has 12 MA's), (165, 17202), (214, 17298), (253, 17370), (255, 17376), (258, 17388), (275, 17439), (300, 17520), (306, 17553), (308, 17559), (329, 17640), (330, 17652), (335, 17676), (341, 17703), (361, 17778), (368, 17793),

Gene: Prince_20 Start: 17852, Stop: 18595, Start Num: 99

Candidate Starts for Prince_20:

(Start: 99 @17852 has 367 MA's), (160, 17963), (163, 17969), (Start: 164 @17972 has 12 MA's), (177, 18017), (246, 18146), (253, 18164), (260, 18191), (269, 18218), (277, 18242), (284, 18254), (292, 18284), (303, 18329), (308, 18353), (314, 18374), (351, 18542), (355, 18554), (361, 18572), (368, 18587),

Gene: PrinceCharming_24 Start: 19246, Stop: 20031, Start Num: 93

Candidate Starts for PrinceCharming_24:

(Start: 93 @19246 has 34 MA's), (138, 19357), (155, 19393), (Start: 161 @19414 has 3 MA's), (163, 19417), (177, 19465), (193, 19501), (253, 19603), (260, 19630), (263, 19639), (269, 19657), (276, 19678), (303, 19771), (308, 19795), (314, 19816), (329, 19873), (330, 19885), (331, 19888), (338, 19918), (349, 19969), (366, 20020),

Gene: ProfessorX_22 Start: 17062, Stop: 17799, Start Num: 99

Candidate Starts for ProfessorX_22:

(Start: 99 @17062 has 367 MA's), (158, 17176), (160, 17182), (Start: 164 @17191 has 12 MA's), (165, 17200), (214, 17296), (253, 17368), (255, 17374), (258, 17386), (275, 17437), (300, 17518), (306, 17551), (308, 17557), (329, 17638), (330, 17650), (335, 17674), (341, 17701), (361, 17776), (368, 17791),

Gene: Puhltonio_22 Start: 17078, Stop: 17815, Start Num: 99

Candidate Starts for Puhltonio_22:

(Start: 99 @17078 has 367 MA's), (158, 17192), (160, 17198), (Start: 164 @17207 has 12 MA's), (165, 17216), (214, 17312), (253, 17384), (255, 17390), (258, 17402), (275, 17453), (300, 17534), (306, 17567), (308, 17573), (329, 17654), (330, 17666), (335, 17690), (341, 17717), (350, 17759), (361, 17792), (368, 17807),

Gene: Pulchra_32 Start: 18361, Stop: 19275, Start Num: 71

Candidate Starts for Pulchra_32:

(Start: 71 @18361 has 42 MA's), (Start: 75 @18373 has 4 MA's), (118, 18463), (175, 18607), (218, 18715), (228, 18742), (230, 18748), (269, 18877), (294, 18961), (323, 19072), (336, 19144), (340,

19162), (355, 19216),

Gene: PullumCavea_23 Start: 16029, Stop: 16799, Start Num: 122

Candidate Starts for PullumCavea_23:

(84, 15936), (Start: 122 @16029 has 34 MA's), (139, 16071), (170, 16152), (222, 16257), (253, 16332), (255, 16338), (260, 16359), (263, 16368), (276, 16407), (285, 16428), (320, 16569), (322, 16578), (353, 16719), (355, 16725), (381, 16782),

Gene: Pumpernickel_88 Start: 49587, Stop: 50351, Start Num: 143

Candidate Starts for Pumpernickel_88:

(Start: 120 @49530 has 1 MA's), (131, 49551), (Start: 143 @49587 has 7 MA's), (158, 49626), (166, 49653), (182, 49710), (232, 49800), (239, 49818), (264, 49893), (278, 49941), (373, 50322),

Gene: Pumpkiney_27 Start: 18432, Stop: 19223, Start Num: 116

Candidate Starts for Pumpkiney_27:

(Start: 116 @18432 has 85 MA's), (170, 18561), (212, 18657), (285, 18852), (292, 18882), (318, 18987), (330, 19044), (336, 19074), (346, 19110), (353, 19143), (368, 19182),

Gene: Pureglobe5_33 Start: 19397, Stop: 20014, Start Num: 146

Candidate Starts for Pureglobe5_33:

(Start: 146 @19397 has 19 MA's), (180, 19490), (258, 19586), (277, 19646), (300, 19694), (314, 19754), (317, 19763), (336, 19856), (347, 19898), (349, 19907), (378, 19979),

Gene: Purplicious_49 Start: 27127, Stop: 27873, Start Num: 116

Candidate Starts for Purplicious_49:

(103, 27100), (113, 27121), (Start: 116 @27127 has 85 MA's), (Start: 127 @27142 has 1 MA's), (175, 27277), (189, 27310), (192, 27313), (204, 27334), (210, 27343), (350, 27793), (370, 27844),

Gene: Quammi_29 Start: 20255, Stop: 21103, Start Num: 110

Candidate Starts for Quammi_29:

(Start: 110 @20255 has 51 MA's), (139, 20318), (152, 20348), (172, 20411), (196, 20468), (202, 20480), (236, 20561), (269, 20669), (303, 20792), (306, 20810), (351, 21002),

Gene: QueenBeane_22 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for QueenBeane_22:

(Start: 99 @17070 has 367 MA's), (Start: 122 @17112 has 34 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: QueenPie_19 Start: 17858, Stop: 18601, Start Num: 99

Candidate Starts for QueenPie_19:

(83, 17816), (Start: 99 @17858 has 367 MA's), (160, 17969), (163, 17975), (177, 18023), (246, 18152), (260, 18197), (269, 18224), (271, 18227), (277, 18248), (284, 18260), (292, 18290), (303, 18335), (308, 18359), (335, 18476), (341, 18503), (351, 18548), (355, 18560), (361, 18578), (368, 18593),

Gene: Quesadilla_23 Start: 19181, Stop: 19939, Start Num: 99

Candidate Starts for Quesadilla_23:

(Start: 99 @19181 has 367 MA's), (163, 19310), (Start: 164 @19313 has 12 MA's), (205, 19406), (212, 19421), (258, 19523), (260, 19532), (263, 19541), (269, 19559), (300, 19655), (303, 19670), (308, 19694), (318, 19727), (335, 19814), (341, 19841), (349, 19877), (368, 19931),

Gene: Quhwah_34 Start: 18587, Stop: 19501, Start Num: 71

Candidate Starts for Quhwah_34:

(Start: 71 @18587 has 42 MA's), (Start: 75 @18599 has 4 MA's), (118, 18689), (175, 18833), (218, 18941), (228, 18968), (230, 18974), (269, 19103), (294, 19187), (323, 19298), (336, 19370), (340, 19388), (355, 19442),

Gene: Quisquilliae_22 Start: 17085, Stop: 17822, Start Num: 99

Candidate Starts for Quisquilliae_22:

(Start: 99 @17085 has 367 MA's), (158, 17199), (160, 17205), (Start: 164 @17214 has 12 MA's), (165, 17223), (214, 17319), (253, 17391), (255, 17397), (258, 17409), (275, 17460), (300, 17541), (306, 17574), (308, 17580), (329, 17661), (330, 17673), (335, 17697), (341, 17724), (350, 17766), (361, 17799), (368, 17814),

Gene: Qyrzula_22 Start: 19384, Stop: 20001, Start Num: 161

Candidate Starts for Qyrzula_22:

(Start: 93 @19216 has 34 MA's), (138, 19327), (155, 19363), (Start: 161 @19384 has 3 MA's), (163, 19387), (177, 19435), (193, 19471), (253, 19573), (260, 19600), (263, 19609), (269, 19627), (276, 19648), (303, 19741), (308, 19765), (314, 19786), (329, 19843), (330, 19855), (331, 19858), (338, 19888), (349, 19939), (366, 19990),

Gene: RIPWilbur_29 Start: 18533, Stop: 19159, Start Num: 146

Candidate Starts for RIPWilbur_29:

(Start: 146 @18533 has 19 MA's), (180, 18626), (258, 18722), (277, 18782), (300, 18830), (314, 18890), (317, 18899), (336, 19001), (347, 19043), (349, 19052), (378, 19124),

Gene: Racecar_85 Start: 51920, Stop: 52609, Start Num: 164

Candidate Starts for Racecar_85:

(Start: 164 @51920 has 12 MA's), (250, 52118), (277, 52205), (281, 52217), (286, 52238), (290, 52256), (294, 52274), (300, 52295), (307, 52331), (321, 52379), (326, 52394), (338, 52463), (339, 52466),

Gene: RagingRooster_23 Start: 17722, Stop: 18480, Start Num: 99

Candidate Starts for RagingRooster_23:

(Start: 73 @17647 has 11 MA's), (80, 17665), (Start: 99 @17722 has 367 MA's), (Start: 107 @17740 has 20 MA's), (163, 17860), (165, 17872), (200, 17956), (263, 18085), (269, 18103), (291, 18163), (304, 18220), (318, 18274), (335, 18355), (338, 18367), (343, 18385), (363, 18460),

Gene: RainyPolka_18 Start: 18081, Stop: 18941, Start Num: 109

Candidate Starts for RainyPolka_18:

(64, 17961), (91, 18036), (94, 18048), (Start: 109 @18081 has 14 MA's), (158, 18189), (226, 18336), (228, 18345), (232, 18360), (261, 18453), (263, 18459), (266, 18465), (269, 18477), (270, 18480), (294, 18585), (297, 18594), (303, 18621), (310, 18654), (335, 18765), (339, 18780), (343, 18795), (349, 18828), (355, 18849), (365, 18876), (368, 18882),

Gene: Ramiel05_30 Start: 18008, Stop: 18910, Start Num: 75

Candidate Starts for Ramiel05_30:

(Start: 71 @17996 has 42 MA's), (Start: 75 @18008 has 4 MA's), (118, 18098), (175, 18242), (218, 18350), (228, 18377), (230, 18383), (269, 18512), (294, 18596), (323, 18707), (336, 18779), (340, 18797), (355, 18851),

Gene: Ranunculus_25 Start: 18319, Stop: 18939, Start Num: 146

Candidate Starts for Ranunculus_25:

(Start: 146 @18319 has 19 MA's), (174, 18397), (176, 18403), (200, 18457), (276, 18571), (277, 18574), (314, 18682), (317, 18691), (330, 18751), (333, 18760), (335, 18775), (336, 18781), (343,

18799), (349, 18832), (366, 18883), (387, 18919),

Gene: Rasputia_62 Start: 36323, Stop: 37183, Start Num: 89

Candidate Starts for Rasputia_62:

(Start: 89 @36323 has 2 MA's), (137, 36389), (145, 36407), (158, 36440), (228, 36611), (246, 36674), (258, 36710), (263, 36728), (279, 36773), (286, 36791), (303, 36884), (308, 36908), (330, 37001), (334, 37013), (338, 37037), (339, 37040), (344, 37061), (352, 37100), (368, 37136), (373, 37151), (383, 37163),

Gene: RawrgerThat_20 Start: 17689, Stop: 18432, Start Num: 99

Candidate Starts for RawrgerThat_20:

(Start: 99 @17689 has 367 MA's), (160, 17800), (163, 17806), (177, 17854), (246, 17983), (253, 18001), (260, 18028), (269, 18055), (277, 18079), (284, 18091), (292, 18121), (303, 18166), (308, 18190), (314, 18211), (351, 18379), (355, 18391), (361, 18409), (368, 18424),

Gene: RazzB_27 Start: 17696, Stop: 18313, Start Num: 146

Candidate Starts for RazzB_27:

(Start: 146 @17696 has 19 MA's), (180, 17789), (258, 17885), (277, 17945), (300, 17993), (314, 18053), (317, 18062), (336, 18155), (347, 18197), (349, 18206), (378, 18278),

Gene: Reccee_22 Start: 17980, Stop: 18735, Start Num: 99

Candidate Starts for Reccee_22:

(52, 17815), (57, 17845), (65, 17866), (Start: 73 @17905 has 11 MA's), (Start: 99 @17980 has 367 MA's), (114, 18010), (141, 18058), (158, 18094), (163, 18106), (165, 18118), (175, 18148), (177, 18154), (185, 18175), (251, 18301), (263, 18340), (284, 18394), (294, 18433), (308, 18493), (335, 18610), (338, 18622), (341, 18637), (350, 18679), (368, 18727),

Gene: RedMaple_21 Start: 17081, Stop: 17818, Start Num: 99

Candidate Starts for RedMaple_21:

(Start: 99 @17081 has 367 MA's), (Start: 122 @17123 has 34 MA's), (158, 17195), (160, 17201), (Start: 164 @17210 has 12 MA's), (165, 17219), (214, 17315), (253, 17387), (255, 17393), (258, 17405), (275, 17456), (300, 17537), (306, 17570), (308, 17576), (329, 17657), (330, 17669), (335, 17693), (341, 17720), (361, 17795), (368, 17810),

Gene: RedRaider89_23 Start: 17301, Stop: 18038, Start Num: 99

Candidate Starts for RedRaider89_23:

(Start: 99 @17301 has 367 MA's), (Start: 122 @17343 has 34 MA's), (158, 17415), (160, 17421), (Start: 164 @17430 has 12 MA's), (165, 17439), (214, 17535), (253, 17607), (255, 17613), (258, 17625), (275, 17676), (300, 17757), (306, 17790), (308, 17796), (329, 17877), (330, 17889), (335, 17913), (341, 17940), (361, 18015), (368, 18030),

Gene: ReginaGlobina_84 Start: 51391, Stop: 52080, Start Num: 164

Candidate Starts for ReginaGlobina_84:

(145, 51340), (Start: 164 @51391 has 12 MA's), (245, 51574), (253, 51598), (297, 51754), (298, 51757), (316, 51832), (318, 51838), (326, 51865), (329, 51886), (339, 51937),

Gene: Ren19_24 Start: 18275, Stop: 18895, Start Num: 146

Candidate Starts for Ren19_24:

(Start: 146 @18275 has 19 MA's), (180, 18368), (200, 18407), (202, 18410), (207, 18419), (277, 18524), (286, 18545), (314, 18632), (317, 18641), (336, 18737), (349, 18788), (368, 18842), (378, 18860),

Gene: Renkei_19 Start: 16598, Stop: 17410, Start Num: 74

Candidate Starts for Renkei_19:

(Start: 74 @16598 has 3 MA's), (82, 16619), (87, 16634), (Start: 99 @16667 has 367 MA's), (160, 16778), (163, 16784), (Start: 164 @16787 has 12 MA's), (177, 16832), (246, 16961), (260, 17006), (269, 17033), (277, 17057), (284, 17069), (292, 17099), (303, 17144), (308, 17168), (341, 17312), (351, 17357), (355, 17369), (361, 17387), (368, 17402),

Gene: Reprobate_22 Start: 18052, Stop: 18807, Start Num: 99

Candidate Starts for Reprobate_22:

(Start: 99 @18052 has 367 MA's), (158, 18166), (163, 18178), (251, 18373), (253, 18376), (269, 18430), (284, 18466), (294, 18505), (311, 18577), (335, 18682), (338, 18694), (341, 18709), (350, 18751), (368, 18799),

Gene: Rhinoforte_24 Start: 19247, Stop: 20032, Start Num: 93

Candidate Starts for Rhinoforte_24:

(Start: 93 @19247 has 34 MA's), (138, 19358), (155, 19394), (Start: 161 @19415 has 3 MA's), (163, 19418), (177, 19466), (193, 19502), (253, 19604), (260, 19631), (263, 19640), (269, 19658), (276, 19679), (303, 19772), (308, 19796), (314, 19817), (329, 19874), (330, 19886), (331, 19889), (338, 19919), (349, 19970), (366, 20021),

Gene: Ribeye_27 Start: 21337, Stop: 22104, Start Num: 116

Candidate Starts for Ribeye_27:

(Start: 116 @21337 has 85 MA's), (139, 21385), (163, 21442), (165, 21454), (249, 21631), (285, 21733), (303, 21811), (306, 21829), (317, 21865), (330, 21925), (346, 21991), (377, 22084),

Gene: Rich_21 Start: 17554, Stop: 18309, Start Num: 99

Candidate Starts for Rich_21:

(Start: 99 @17554 has 367 MA's), (141, 17632), (158, 17668), (163, 17680), (175, 17722), (251, 17875), (260, 17905), (284, 17968), (288, 17980), (294, 18007), (308, 18067), (338, 18196), (341, 18211), (350, 18253), (368, 18301),

Gene: Ricotta_21 Start: 16793, Stop: 17530, Start Num: 99

Candidate Starts for Ricotta_21:

(Start: 99 @16793 has 367 MA's), (Start: 122 @16835 has 34 MA's), (158, 16907), (160, 16913), (Start: 164 @16922 has 12 MA's), (165, 16931), (214, 17027), (253, 17099), (255, 17105), (258, 17117), (275, 17168), (300, 17249), (306, 17282), (308, 17288), (329, 17369), (330, 17381), (335, 17405), (341, 17432), (350, 17474), (361, 17507), (368, 17522),

Gene: Riggan_22 Start: 17053, Stop: 17790, Start Num: 99

Candidate Starts for Riggan_22:

(Start: 99 @17053 has 367 MA's), (158, 17167), (160, 17173), (Start: 164 @17182 has 12 MA's), (165, 17191), (214, 17287), (253, 17359), (255, 17365), (258, 17377), (275, 17428), (300, 17509), (306, 17542), (308, 17548), (329, 17629), (330, 17641), (335, 17665), (341, 17692), (350, 17734), (361, 17767), (368, 17782),

Gene: Rimu_22 Start: 16782, Stop: 17519, Start Num: 99

Candidate Starts for Rimu_22:

(Start: 99 @16782 has 367 MA's), (158, 16896), (160, 16902), (Start: 164 @16911 has 12 MA's), (165, 16920), (214, 17016), (253, 17088), (255, 17094), (258, 17106), (275, 17157), (300, 17238), (306, 17271), (308, 17277), (329, 17358), (330, 17370), (335, 17394), (341, 17421), (361, 17496), (368, 17511),

Gene: Rinkes_25 Start: 20083, Stop: 20820, Start Num: 99

Candidate Starts for Rinkes_25:

(Start: 99 @20083 has 367 MA's), (147, 20161), (160, 20194), (Start: 164 @20203 has 12 MA's), (173, 20236), (181, 20263), (185, 20269), (189, 20278), (209, 20302), (210, 20305), (247, 20371), (260, 20413), (271, 20443), (276, 20461), (284, 20476), (289, 20497), (311, 20587), (330, 20671), (333, 20680), (350, 20764), (368, 20812),

Gene: Rita130_22 Start: 17800, Stop: 18555, Start Num: 99

Candidate Starts for Rita130_22:

(52, 17635), (57, 17665), (65, 17686), (Start: 73 @17725 has 11 MA's), (Start: 99 @17800 has 367 MA's), (114, 17830), (141, 17878), (158, 17914), (163, 17926), (165, 17938), (175, 17968), (177, 17974), (185, 17995), (251, 18121), (263, 18160), (284, 18214), (294, 18253), (308, 18313), (335, 18430), (338, 18442), (341, 18457), (350, 18499), (368, 18547),

Gene: Rita1961_23 Start: 17642, Stop: 18475, Start Num: 73

Candidate Starts for Rita1961_23:

(Start: 73 @17642 has 11 MA's), (80, 17660), (Start: 99 @17717 has 367 MA's), (Start: 107 @17735 has 20 MA's), (163, 17855), (165, 17867), (200, 17951), (263, 18080), (269, 18098), (291, 18158), (304, 18215), (318, 18269), (335, 18350), (338, 18362), (343, 18380), (363, 18455),

Gene: RiverRaider_27 Start: 19712, Stop: 20485, Start Num: 116

Candidate Starts for RiverRaider_27:

(Start: 116 @19712 has 85 MA's), (125, 19724), (139, 19763), (177, 19868), (249, 20006), (259, 20033), (260, 20039), (263, 20048), (285, 20108), (336, 20330), (381, 20468),

Gene: Riverton_22 Start: 17077, Stop: 17814, Start Num: 99

Candidate Starts for Riverton_22:

(Start: 99 @17077 has 367 MA's), (Start: 122 @17119 has 34 MA's), (158, 17191), (160, 17197), (Start: 164 @17206 has 12 MA's), (165, 17215), (214, 17311), (253, 17383), (255, 17389), (258, 17401), (275, 17452), (300, 17533), (306, 17566), (308, 17572), (329, 17653), (330, 17665), (335, 17689), (341, 17716), (350, 17758), (361, 17791), (368, 17806),

Gene: Rizwana_25 Start: 18364, Stop: 19080, Start Num: 146

Candidate Starts for Rizwana_25:

(Start: 146 @18364 has 19 MA's), (163, 18409), (200, 18502), (202, 18505), (222, 18544), (233, 18571), (239, 18589), (254, 18634), (260, 18658), (263, 18667), (274, 18697), (291, 18748), (303, 18781), (327, 18868), (343, 18949), (349, 18982), (363, 19024), (387, 19069),

Gene: RoadKill_22 Start: 17468, Stop: 18265, Start Num: 116

Candidate Starts for RoadKill_22:

(Start: 116 @17468 has 85 MA's), (160, 17567), (165, 17585), (170, 17597), (177, 17621), (224, 17711), (226, 17714), (317, 18029), (320, 18038), (322, 18047), (346, 18155), (368, 18227), (370, 18230), (379, 18245),

Gene: RobinRose_32 Start: 19788, Stop: 20633, Start Num: 110

Candidate Starts for RobinRose_32:

(Start: 110 @19788 has 51 MA's), (139, 19854), (152, 19884), (196, 20004), (236, 20097), (265, 20190), (294, 20292), (310, 20358), (330, 20439), (351, 20529), (368, 20574),

Gene: RobsFeet_32 Start: 18076, Stop: 18987, Start Num: 71

Candidate Starts for RobsFeet_32:

(Start: 71 @18076 has 42 MA's), (118, 18178), (170, 18304), (173, 18313), (228, 18457), (230, 18463), (289, 18652), (294, 18673), (300, 18694), (303, 18709), (306, 18727), (308, 18733), (323, 18784), (336, 18856), (340, 18874), (355, 18928), (368, 18955),

Gene: Robyn_21 Start: 16644, Stop: 17381, Start Num: 99

Candidate Starts for Robyn_21:

(Start: 99 @16644 has 367 MA's), (158, 16758), (160, 16764), (Start: 164 @16773 has 12 MA's), (165, 16782), (214, 16878), (253, 16950), (255, 16956), (258, 16968), (275, 17019), (300, 17100), (306, 17133), (308, 17139), (330, 17232), (335, 17256), (341, 17283), (350, 17325), (361, 17358), (368, 17373),

Gene: Rockabye_86 Start: 54105, Stop: 54794, Start Num: 164

Candidate Starts for Rockabye_86:

(Start: 164 @54105 has 12 MA's), (286, 54423), (300, 54480), (301, 54489), (339, 54651), (371, 54759),

Gene: Rockwell_30 Start: 17996, Stop: 18910, Start Num: 71

Candidate Starts for Rockwell_30:

(Start: 71 @17996 has 42 MA's), (Start: 75 @18008 has 4 MA's), (118, 18098), (175, 18242), (218, 18350), (228, 18377), (230, 18383), (269, 18512), (294, 18596), (323, 18707), (336, 18779), (340, 18797), (355, 18851),

Gene: Rofo_27 Start: 21511, Stop: 22284, Start Num: 116

Candidate Starts for Rofo_27:

(Start: 116 @21511 has 85 MA's), (139, 21559), (163, 21616), (177, 21664), (232, 21754), (253, 21811), (268, 21862), (285, 21907), (303, 21985), (306, 22003), (318, 22042), (330, 22099), (346, 22165), (381, 22267),

Gene: RogerDodger_26 Start: 16822, Stop: 17592, Start Num: 122

Candidate Starts for RogerDodger_26:

(Start: 122 @16822 has 34 MA's), (139, 16864), (170, 16945), (177, 16969), (222, 17050), (253, 17125), (255, 17131), (260, 17152), (263, 17161), (276, 17200), (285, 17221), (320, 17362), (322, 17371), (336, 17443), (353, 17512), (381, 17575),

Gene: Roliet_22 Start: 17069, Stop: 17806, Start Num: 99

Candidate Starts for Roliet_22:

(Start: 99 @17069 has 367 MA's), (Start: 122 @17111 has 34 MA's), (158, 17183), (160, 17189), (Start: 164 @17198 has 12 MA's), (165, 17207), (214, 17303), (253, 17375), (255, 17381), (258, 17393), (275, 17444), (300, 17525), (306, 17558), (308, 17564), (329, 17645), (330, 17657), (335, 17681), (341, 17708), (361, 17783), (368, 17798),

Gene: RomaT_23 Start: 18519, Stop: 19259, Start Num: 107

Candidate Starts for RomaT_23:

(Start: 73 @18426 has 11 MA's), (80, 18444), (Start: 99 @18501 has 367 MA's), (Start: 107 @18519 has 20 MA's), (163, 18639), (200, 18735), (263, 18864), (269, 18882), (291, 18942), (304, 18999), (318, 19053), (335, 19134), (338, 19146), (343, 19164), (363, 19239),

Gene: RomansRevenge_22 Start: 17569, Stop: 18318, Start Num: 142

Candidate Starts for RomansRevenge_22:

(Start: 142 @17569 has 1 MA's), (159, 17614), (178, 17671), (202, 17719), (218, 17752), (237, 17800), (258, 17869), (268, 17902), (274, 17917), (277, 17929), (286, 17950), (343, 18175), (354, 18226), (355, 18229), (363, 18250),

Gene: Romm_32 Start: 19788, Stop: 20633, Start Num: 110

Candidate Starts for Romm_32:

(Start: 110 @19788 has 51 MA's), (139, 19854), (152, 19884), (196, 20004), (236, 20097), (265, 20190), (294, 20292), (310, 20358), (330, 20439), (351, 20529), (368, 20574),

Gene: Roscoe_23 Start: 17311, Stop: 18048, Start Num: 99

Candidate Starts for Roscoe_23:

(Start: 99 @17311 has 367 MA's), (Start: 122 @17353 has 34 MA's), (158, 17425), (160, 17431), (Start: 164 @17440 has 12 MA's), (165, 17449), (214, 17545), (253, 17617), (255, 17623), (258, 17635), (275, 17686), (300, 17767), (306, 17800), (308, 17806), (329, 17887), (330, 17899), (335, 17923), (341, 17950), (361, 18025), (368, 18040),

Gene: Rosebush_24 Start: 19415, Stop: 20032, Start Num: 161

Candidate Starts for Rosebush_24:

(Start: 93 @19247 has 34 MA's), (138, 19358), (155, 19394), (Start: 161 @19415 has 3 MA's), (163, 19418), (177, 19466), (193, 19502), (253, 19604), (260, 19631), (263, 19640), (269, 19658), (276, 19679), (303, 19772), (308, 19796), (314, 19817), (329, 19874), (330, 19886), (331, 19889), (338, 19919), (349, 19970), (366, 20021),

Gene: Rowlf_27 Start: 20430, Stop: 21278, Start Num: 111

Candidate Starts for Rowlf_27:

(11, 19854), (13, 19860), (14, 19866), (16, 19896), (Start: 111 @20430 has 1 MA's), (139, 20493), (152, 20523), (172, 20586), (196, 20643), (202, 20655), (236, 20736), (269, 20844), (303, 20967), (306, 20985), (351, 21177),

Gene: Roy17_22 Start: 16773, Stop: 17510, Start Num: 99

Candidate Starts for Roy17_22:

(Start: 99 @16773 has 367 MA's), (158, 16887), (160, 16893), (Start: 164 @16902 has 12 MA's), (165, 16911), (214, 17007), (253, 17079), (255, 17085), (258, 17097), (275, 17148), (300, 17229), (306, 17262), (308, 17268), (329, 17349), (330, 17361), (335, 17385), (341, 17412), (350, 17454), (361, 17487), (368, 17502),

Gene: RubyRalph_33 Start: 20322, Stop: 21173, Start Num: 110

Candidate Starts for RubyRalph_33:

(Start: 110 @20322 has 51 MA's), (139, 20388), (152, 20418), (172, 20481), (177, 20496), (179, 20505), (196, 20538), (219, 20580), (235, 20628), (236, 20634), (277, 20766), (291, 20808), (351, 21072), (354, 21081),

Gene: Rudy_29 Start: 20288, Stop: 21136, Start Num: 110

Candidate Starts for Rudy_29:

(Start: 110 @20288 has 51 MA's), (139, 20351), (152, 20381), (172, 20444), (196, 20501), (202, 20513), (236, 20594), (269, 20702), (303, 20825), (306, 20843), (351, 21035),

Gene: SDcharge11_22 Start: 17051, Stop: 17788, Start Num: 99

Candidate Starts for SDcharge11_22:

(Start: 99 @17051 has 367 MA's), (158, 17165), (160, 17171), (Start: 164 @17180 has 12 MA's), (165, 17189), (214, 17285), (253, 17357), (255, 17363), (258, 17375), (275, 17426), (300, 17507), (306, 17540), (308, 17546), (329, 17627), (330, 17639), (335, 17663), (341, 17690), (361, 17765), (368, 17780),

Gene: SJReid_87 Start: 53179, Stop: 53868, Start Num: 164

Candidate Starts for SJReid_87:

(Start: 164 @53179 has 12 MA's), (233, 53338), (245, 53362), (302, 53566), (339, 53725), (371, 53833),

Gene: Sabella_24 Start: 19133, Stop: 19918, Start Num: 93

Candidate Starts for Sabella_24:

(Start: 93 @19133 has 34 MA's), (138, 19244), (155, 19280), (Start: 161 @19301 has 3 MA's), (163, 19304), (177, 19352), (193, 19388), (253, 19490), (260, 19517), (263, 19526), (269, 19544), (276, 19565), (303, 19658), (308, 19682), (314, 19703), (329, 19760), (330, 19772), (331, 19775), (338, 19805), (349, 19856), (366, 19907),

Gene: SadLad_35 Start: 21265, Stop: 22116, Start Num: 110

Candidate Starts for SadLad_35:

(Start: 110 @21265 has 51 MA's), (139, 21331), (152, 21361), (172, 21424), (177, 21439), (179, 21448), (196, 21481), (219, 21523), (235, 21571), (236, 21577), (277, 21709), (351, 22015), (354, 22024),

Gene: Saguaro_23 Start: 19099, Stop: 19845, Start Num: 99

Candidate Starts for Saguaro_23:

(Start: 99 @19099 has 367 MA's), (163, 19225), (177, 19273), (258, 19432), (260, 19441), (294, 19543), (308, 19603), (311, 19615), (330, 19696), (335, 19720), (350, 19789), (352, 19795), (368, 19837),

Gene: Salete_17 Start: 17740, Stop: 18600, Start Num: 109

Candidate Starts for Salete_17:

(64, 17608), (Start: 109 @17740 has 14 MA's), (158, 17848), (226, 17995), (228, 18004), (232, 18019), (263, 18118), (266, 18124), (269, 18136), (270, 18139), (294, 18244), (297, 18253), (303, 18280), (310, 18313), (312, 18319), (335, 18424), (339, 18439), (343, 18454), (349, 18487), (355, 18508), (365, 18535), (368, 18541),

Gene: SallyH_22 Start: 17083, Stop: 17820, Start Num: 99

Candidate Starts for SallyH_22:

(Start: 99 @17083 has 367 MA's), (158, 17197), (160, 17203), (Start: 164 @17212 has 12 MA's), (165, 17221), (214, 17317), (253, 17389), (255, 17395), (258, 17407), (275, 17458), (300, 17539), (306, 17572), (308, 17578), (329, 17659), (330, 17671), (335, 17695), (341, 17722), (350, 17764), (361, 17797), (368, 17812),

Gene: SallyK_32 Start: 21363, Stop: 22211, Start Num: 110

Candidate Starts for SallyK_32:

(Start: 110 @21363 has 51 MA's), (139, 21426), (152, 21456), (172, 21519), (196, 21576), (202, 21588), (236, 21669), (269, 21777), (303, 21900), (306, 21918), (359, 22137),

Gene: Salvador_23 Start: 15943, Stop: 16713, Start Num: 122

Candidate Starts for Salvador_23:

(Start: 122 @15943 has 34 MA's), (139, 15985), (170, 16066), (177, 16090), (222, 16171), (253, 16246), (255, 16252), (260, 16273), (263, 16282), (276, 16321), (320, 16483), (353, 16633), (355, 16639), (381, 16696),

Gene: Samaymay_22 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for Samaymay_22:

(Start: 99 @17070 has 367 MA's), (Start: 122 @17112 has 34 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: Sampson_26 Start: 21059, Stop: 21850, Start Num: 116

Candidate Starts for Sampson_26:

(Start: 116 @21059 has 85 MA's), (170, 21188), (212, 21284), (285, 21479), (292, 21509), (318, 21614), (330, 21671), (336, 21701), (346, 21737), (368, 21809),

Gene: Sanjuju_25 Start: 21692, Stop: 22465, Start Num: 116

Candidate Starts for Sanjuju_25:

(Start: 116 @21692 has 85 MA's), (139, 21740), (177, 21845), (253, 21992), (285, 22088), (303, 22166), (306, 22184), (318, 22223), (346, 22346), (381, 22448),

Gene: Saronaya_26 Start: 20171, Stop: 20938, Start Num: 116

Candidate Starts for Saronaya_26:

(Start: 116 @20171 has 85 MA's), (139, 20219), (163, 20276), (165, 20288), (249, 20465), (269, 20525), (285, 20567), (303, 20645), (306, 20663), (317, 20699), (330, 20759), (346, 20825),

Gene: SassyCat97_21 Start: 16779, Stop: 17516, Start Num: 99

Candidate Starts for SassyCat97_21:

(Start: 99 @16779 has 367 MA's), (158, 16893), (160, 16899), (Start: 164 @16908 has 12 MA's), (165, 16917), (214, 17013), (253, 17085), (255, 17091), (258, 17103), (275, 17154), (300, 17235), (306, 17268), (308, 17274), (329, 17355), (330, 17367), (335, 17391), (341, 17418), (350, 17460), (361, 17493), (368, 17508),

Gene: Savannah_30 Start: 18023, Stop: 18937, Start Num: 71

Candidate Starts for Savannah_30:

(Start: 71 @18023 has 42 MA's), (Start: 75 @18035 has 4 MA's), (118, 18125), (175, 18269), (218, 18377), (228, 18404), (230, 18410), (269, 18539), (294, 18623), (323, 18734), (336, 18806), (340, 18824), (355, 18878),

Gene: Savbucketdawg_23 Start: 15724, Stop: 16494, Start Num: 122

Candidate Starts for Savbucketdawg_23:

(Start: 122 @15724 has 34 MA's), (139, 15766), (170, 15847), (177, 15871), (222, 15952), (253, 16027), (255, 16033), (260, 16054), (263, 16063), (276, 16102), (320, 16264), (353, 16414), (355, 16420), (381, 16477),

Gene: Schadenfreude_21 Start: 16627, Stop: 17364, Start Num: 99

Candidate Starts for Schadenfreude_21:

(Start: 99 @16627 has 367 MA's), (158, 16741), (160, 16747), (Start: 164 @16756 has 12 MA's), (165, 16765), (214, 16861), (253, 16933), (255, 16939), (258, 16951), (275, 17002), (300, 17083), (306, 17116), (308, 17122), (329, 17203), (330, 17215), (335, 17239), (341, 17266), (350, 17308), (361, 17341), (368, 17356),

Gene: SchottB_25 Start: 21183, Stop: 21950, Start Num: 116

Candidate Starts for SchottB_25:

(Start: 116 @21183 has 85 MA's), (139, 21231), (163, 21288), (165, 21300), (249, 21477), (269, 21537), (285, 21579), (303, 21657), (306, 21675), (317, 21711), (330, 21771), (346, 21837),

Gene: Schueller_21 Start: 16770, Stop: 17507, Start Num: 99

Candidate Starts for Schueller_21:

(Start: 99 @16770 has 367 MA's), (158, 16884), (160, 16890), (Start: 164 @16899 has 12 MA's), (165, 16908), (214, 17004), (253, 17076), (255, 17082), (258, 17094), (275, 17145), (300, 17226), (306, 17259), (308, 17265), (329, 17346), (330, 17358), (335, 17382), (341, 17409), (361, 17484), (368, 17499),

Gene: Scioto_26 Start: 21114, Stop: 21905, Start Num: 116

Candidate Starts for Scioto_26:

(Start: 116 @21114 has 85 MA's), (170, 21243), (212, 21339), (285, 21534), (292, 21564), (318, 21669), (330, 21726), (336, 21756), (346, 21792), (368, 21864),

Gene: Scoot17C_22 Start: 17072, Stop: 17809, Start Num: 99

Candidate Starts for Scoot17C_22:

(Start: 99 @17072 has 367 MA's), (158, 17186), (160, 17192), (Start: 164 @17201 has 12 MA's), (165, 17210), (214, 17306), (253, 17378), (255, 17384), (258, 17396), (275, 17447), (300, 17528), (306, 17561), (308, 17567), (329, 17648), (330, 17660), (335, 17684), (341, 17711), (361, 17786), (368, 17801),

Gene: Scrick_22 Start: 16797, Stop: 17534, Start Num: 99

Candidate Starts for Scrick_22:

(Start: 99 @16797 has 367 MA's), (158, 16911), (160, 16917), (Start: 164 @16926 has 12 MA's), (165, 16935), (214, 17031), (253, 17103), (255, 17109), (258, 17121), (275, 17172), (300, 17253), (306, 17286), (308, 17292), (329, 17373), (330, 17385), (335, 17409), (341, 17436), (350, 17478), (361, 17511), (368, 17526),

Gene: Scumberland_32 Start: 18212, Stop: 19126, Start Num: 71

Candidate Starts for Scumberland_32:

(Start: 71 @18212 has 42 MA's), (118, 18314), (175, 18458), (218, 18566), (228, 18593), (230, 18599), (269, 18728), (294, 18812), (323, 18923), (336, 18995), (340, 19013), (355, 19067),

Gene: Sedona_27 Start: 22617, Stop: 23390, Start Num: 116

Candidate Starts for Sedona_27:

(Start: 116 @22617 has 85 MA's), (139, 22665), (163, 22722), (177, 22770), (253, 22917), (268, 22968), (285, 23013), (303, 23091), (306, 23109), (318, 23148), (330, 23205), (346, 23271), (381, 23373),

Gene: Sejanus_19 Start: 16003, Stop: 16761, Start Num: 96

Candidate Starts for Sejanus_19:

(Start: 96 @16003 has 4 MA's), (100, 16012), (Start: 122 @16054 has 34 MA's), (128, 16063), (162, 16147), (165, 16159), (172, 16180), (201, 16246), (246, 16312), (251, 16327), (253, 16330), (258, 16348), (261, 16360), (273, 16393), (317, 16549), (346, 16681), (352, 16711), (355, 16720), (368, 16753),

Gene: Selr12_22 Start: 16794, Stop: 17531, Start Num: 99

Candidate Starts for Selr12_22:

(Start: 99 @16794 has 367 MA's), (Start: 122 @16836 has 34 MA's), (158, 16908), (160, 16914), (Start: 164 @16923 has 12 MA's), (165, 16932), (214, 17028), (253, 17100), (255, 17106), (258, 17118), (275, 17169), (300, 17250), (306, 17283), (308, 17289), (329, 17370), (330, 17382), (335, 17406), (341, 17433), (350, 17475), (361, 17508), (368, 17523),

Gene: Selwyn23_32 Start: 18189, Stop: 19103, Start Num: 71

Candidate Starts for Selwyn23_32:

(Start: 71 @18189 has 42 MA's), (Start: 75 @18201 has 4 MA's), (118, 18291), (175, 18435), (218, 18543), (228, 18570), (230, 18576), (269, 18705), (294, 18789), (303, 18825), (323, 18900), (336, 18972), (340, 18990), (355, 19044),

Gene: Sendy_24 Start: 16074, Stop: 16844, Start Num: 122

Candidate Starts for Sendy_24:

(Start: 122 @16074 has 34 MA's), (139, 16116), (165, 16185), (170, 16197), (177, 16221), (222, 16302), (253, 16377), (255, 16383), (260, 16404), (263, 16413), (276, 16452), (320, 16614), (322, 16623), (336, 16695), (353, 16764), (355, 16770), (381, 16827),

Gene: Serendipitous_21 Start: 17607, Stop: 18365, Start Num: 99

Candidate Starts for Serendipitous_21:

(Start: 99 @17607 has 367 MA's), (147, 17694), (158, 17721), (163, 17733), (235, 17880), (251, 17931), (284, 18024), (292, 18054), (294, 18063), (308, 18123), (341, 18267), (350, 18309), (361, 18342),

Gene: Serendipity_22 Start: 17092, Stop: 17829, Start Num: 99

Candidate Starts for Serendipity_22:

(Start: 99 @17092 has 367 MA's), (158, 17206), (160, 17212), (Start: 164 @17221 has 12 MA's), (165, 17230), (214, 17326), (253, 17398), (255, 17404), (258, 17416), (275, 17467), (300, 17548), (306, 17581), (308, 17587), (329, 17668), (330, 17680), (335, 17704), (341, 17731), (361, 17806), (368, 17821),

Gene: Serpentine_0022 Start: 17072, Stop: 17809, Start Num: 99

Candidate Starts for Serpentine_0022:

(Start: 99 @17072 has 367 MA's), (Start: 122 @17114 has 34 MA's), (158, 17186), (160, 17192), (Start: 164 @17201 has 12 MA's), (165, 17210), (214, 17306), (253, 17378), (255, 17384), (258, 17396), (275, 17447), (300, 17528), (306, 17561), (308, 17567), (329, 17648), (330, 17660), (335, 17684), (341, 17711), (350, 17753), (361, 17786), (368, 17801),

Gene: ShadowBud_22 Start: 17085, Stop: 17822, Start Num: 99

Candidate Starts for ShadowBud_22:

(Start: 99 @17085 has 367 MA's), (158, 17199), (160, 17205), (Start: 164 @17214 has 12 MA's), (165, 17223), (214, 17319), (253, 17391), (255, 17397), (258, 17409), (275, 17460), (300, 17541), (306, 17574), (308, 17580), (329, 17661), (330, 17673), (335, 17697), (341, 17724), (350, 17766), (361, 17799), (368, 17814),

Gene: SharkTale_23 Start: 16665, Stop: 17435, Start Num: 122

Candidate Starts for SharkTale_23:

(Start: 122 @16665 has 34 MA's), (170, 16788), (177, 16812), (253, 16968), (255, 16974), (263, 17004), (353, 17355), (381, 17418),

Gene: Shatter_19 Start: 15599, Stop: 16345, Start Num: 99

Candidate Starts for Shatter_19:

(Start: 88 @15569 has 3 MA's), (Start: 99 @15599 has 367 MA's), (Start: 107 @15617 has 20 MA's), (Start: 116 @15632 has 85 MA's), (199, 15818), (263, 15953), (268, 15968), (284, 16007), (330, 16196), (333, 16205), (335, 16220), (338, 16232), (350, 16289), (355, 16304), (368, 16337),

Gene: Sheila_22 Start: 17064, Stop: 17801, Start Num: 99

Candidate Starts for Sheila_22:

(Start: 99 @17064 has 367 MA's), (Start: 122 @17106 has 34 MA's), (158, 17178), (160, 17184), (Start: 164 @17193 has 12 MA's), (165, 17202), (214, 17298), (253, 17370), (255, 17376), (258, 17388), (275, 17439), (300, 17520), (306, 17553), (308, 17559), (329, 17640), (330, 17652), (335, 17676), (341, 17703), (361, 17778), (368, 17793),

Gene: Shenandoah_23 Start: 17625, Stop: 18458, Start Num: 73

Candidate Starts for Shenandoah_23:

(Start: 73 @17625 has 11 MA's), (80, 17643), (Start: 99 @17700 has 367 MA's), (Start: 107 @17718 has 20 MA's), (163, 17838), (165, 17850), (200, 17934), (263, 18063), (269, 18081), (291, 18141), (304, 18198), (318, 18252), (335, 18333), (338, 18345), (343, 18363), (363, 18438),

Gene: Shenyu_22 Start: 17747, Stop: 18505, Start Num: 99

Candidate Starts for Shenyu_22:

(Start: 99 @17747 has 367 MA's), (Start: 116 @17780 has 85 MA's), (163, 17873), (175, 17915), (235, 18020), (251, 18071), (284, 18164), (292, 18194), (294, 18203), (308, 18263), (350, 18449), (368, 18497),

Gene: ShiVal_22 Start: 17064, Stop: 17801, Start Num: 99

Candidate Starts for ShiVal_22:

(Start: 99 @17064 has 367 MA's), (Start: 122 @17106 has 34 MA's), (158, 17178), (160, 17184), (Start: 164 @17193 has 12 MA's), (165, 17202), (214, 17298), (253, 17370), (255, 17376), (258, 17388), (275, 17439), (300, 17520), (306, 17553), (308, 17559), (329, 17640), (330, 17652), (335, 17676), (341, 17703), (350, 17745), (361, 17778), (368, 17793),

Gene: Shinji_23 Start: 15913, Stop: 16683, Start Num: 122

Candidate Starts for Shinji_23:

(84, 15820), (Start: 122 @15913 has 34 MA's), (139, 15955), (170, 16036), (222, 16141), (253, 16216), (255, 16222), (260, 16243), (263, 16252), (276, 16291), (285, 16312), (320, 16453), (322, 16462), (353, 16603), (355, 16609), (381, 16666),

Gene: Shivanishola_28 Start: 21591, Stop: 22364, Start Num: 116

Candidate Starts for Shivanishola_28:

(Start: 116 @21591 has 85 MA's), (139, 21639), (177, 21744), (253, 21891), (268, 21942), (285, 21987), (303, 22065), (306, 22083), (318, 22122), (330, 22179), (346, 22245), (381, 22347),

Gene: Shotgun_30 Start: 17822, Stop: 18736, Start Num: 71

Candidate Starts for Shotgun_30:

(Start: 71 @17822 has 42 MA's), (118, 17924), (175, 18068), (218, 18176), (228, 18203), (230, 18209), (269, 18338), (294, 18422), (323, 18533), (336, 18605), (340, 18623), (355, 18677),

Gene: Shrubaron_31 Start: 17710, Stop: 18621, Start Num: 71

Candidate Starts for Shrubaron_31:

(Start: 71 @17710 has 42 MA's), (118, 17812), (170, 17938), (173, 17947), (228, 18091), (230, 18097), (289, 18286), (294, 18307), (300, 18328), (303, 18343), (306, 18361), (308, 18367), (323, 18418), (336, 18490), (340, 18508), (355, 18562), (368, 18589),

Gene: Sigman_22 Start: 17063, Stop: 17800, Start Num: 99

Candidate Starts for Sigman_22:

(Start: 99 @17063 has 367 MA's), (158, 17177), (160, 17183), (Start: 164 @17192 has 12 MA's), (165, 17201), (214, 17297), (253, 17369), (255, 17375), (258, 17387), (275, 17438), (300, 17519), (306, 17552), (308, 17558), (329, 17639), (330, 17651), (335, 17675), (341, 17702), (350, 17744), (361, 17777), (368, 17792),

Gene: SilentRX_26 Start: 19358, Stop: 20092, Start Num: 146

Candidate Starts for SilentRX_26:

(Start: 146 @19358 has 19 MA's), (169, 19424), (180, 19463), (187, 19481), (200, 19502), (202, 19505), (217, 19538), (223, 19550), (229, 19562), (243, 19607), (249, 19628), (253, 19637), (263, 19673), (268, 19688), (269, 19691), (277, 19715), (308, 19811), (310, 19820), (317, 19841), (325, 19868), (333, 19913), (335, 19928), (336, 19934), (352, 19997), (354, 20003),

Gene: Sillytadpoles_31 Start: 20253, Stop: 21101, Start Num: 110

Candidate Starts for Sillytadpoles_31:

(Start: 110 @20253 has 51 MA's), (139, 20316), (152, 20346), (172, 20409), (196, 20466), (202, 20478), (236, 20559), (269, 20667), (303, 20790), (306, 20808), (351, 21000),

Gene: SilverBell_22 Start: 17087, Stop: 17824, Start Num: 99

Candidate Starts for SilverBell_22:

(Start: 99 @17087 has 367 MA's), (158, 17201), (160, 17207), (Start: 164 @17216 has 12 MA's), (165, 17225), (214, 17321), (253, 17393), (255, 17399), (258, 17411), (275, 17462), (300, 17543), (306, 17576), (308, 17582), (329, 17663), (330, 17675), (335, 17699), (341, 17726), (350, 17768), (361, 17801), (368, 17816),

Gene: Simielle_21 Start: 16762, Stop: 17499, Start Num: 99

Candidate Starts for Simielle_21:

(Start: 99 @16762 has 367 MA's), (Start: 122 @16804 has 34 MA's), (158, 16876), (160, 16882), (Start: 164 @16891 has 12 MA's), (165, 16900), (214, 16996), (253, 17068), (255, 17074), (258, 17086), (275, 17137), (300, 17218), (306, 17251), (308, 17257), (329, 17338), (330, 17350), (335, 17374), (341, 17401), (361, 17476), (368, 17491),

Gene: SirBeauregard_21 Start: 16739, Stop: 17476, Start Num: 99

Candidate Starts for SirBeauregard_21:

(Start: 99 @16739 has 367 MA's), (158, 16853), (Start: 164 @16868 has 12 MA's), (165, 16877), (214, 16973), (253, 17045), (255, 17051), (258, 17063), (275, 17114), (300, 17195), (306, 17228), (308, 17234), (329, 17315), (330, 17327), (335, 17351), (341, 17378), (350, 17420), (361, 17453), (368, 17468),

Gene: SirFrank_30 Start: 17924, Stop: 18838, Start Num: 71

Candidate Starts for SirFrank_30:

(Start: 71 @17924 has 42 MA's), (118, 18026), (175, 18170), (218, 18278), (228, 18305), (230, 18311), (294, 18524), (323, 18635), (333, 18686), (340, 18725), (355, 18779),

Gene: SirJeffery_22 Start: 17792, Stop: 18547, Start Num: 99

Candidate Starts for SirJeffery_22:

(52, 17627), (57, 17657), (65, 17678), (Start: 99 @17792 has 367 MA's), (114, 17822), (141, 17870), (158, 17906), (163, 17918), (165, 17930), (175, 17960), (177, 17966), (185, 17987), (251, 18113), (263, 18152), (269, 18170), (284, 18206), (294, 18245), (308, 18305), (335, 18422), (338, 18434), (341, 18449), (350, 18491), (368, 18539),

Gene: Sisko_19 Start: 15847, Stop: 16623, Start Num: 88

Candidate Starts for Sisko_19:

(30, 15544), (34, 15559), (Start: 88 @15847 has 3 MA's), (Start: 99 @15877 has 367 MA's), (Start: 107 @15895 has 20 MA's), (148, 15979), (Start: 164 @16018 has 12 MA's), (199, 16096), (263, 16231), (268, 16246), (271, 16252), (284, 16285), (330, 16474), (333, 16483), (335, 16498), (338, 16510), (350, 16567), (361, 16600), (366, 16612), (368, 16615),

Gene: Sitar_27 Start: 22681, Stop: 23454, Start Num: 116

Candidate Starts for Sitar_27:

(Start: 116 @22681 has 85 MA's), (139, 22729), (163, 22786), (177, 22834), (253, 22981), (268, 23032), (285, 23077), (303, 23155), (306, 23173), (318, 23212), (346, 23335), (381, 23437),

Gene: Sixama_84 Start: 44955, Stop: 45587, Start Num: 188

Candidate Starts for Sixama_84:

(Start: 188 @44955 has 5 MA's), (217, 45006), (219, 45009), (250, 45081), (273, 45153), (281, 45180), (318, 45318), (336, 45408), (352, 45477), (368, 45519),

Gene: Sixsevenium_24 Start: 15814, Stop: 16584, Start Num: 122

Candidate Starts for Sixsevenium_24:

(Start: 122 @15814 has 34 MA's), (170, 15937), (177, 15961), (253, 16117), (255, 16123), (263, 16153), (353, 16504), (381, 16567),

Gene: Skippy_22 Start: 17057, Stop: 17794, Start Num: 99

Candidate Starts for Skippy_22:

(Start: 99 @17057 has 367 MA's), (158, 17171), (160, 17177), (Start: 164 @17186 has 12 MA's), (165, 17195), (214, 17291), (253, 17363), (255, 17369), (258, 17381), (275, 17432), (300, 17513), (306, 17546), (308, 17552), (329, 17633), (330, 17645), (335, 17669), (341, 17696), (350, 17738), (361, 17771), (368, 17786),

Gene: Skugga_29 Start: 17814, Stop: 18725, Start Num: 71

Candidate Starts for Skugga_29:

(Start: 71 @17814 has 42 MA's), (118, 17916), (170, 18042), (175, 18060), (177, 18066), (228, 18195), (269, 18330), (294, 18411), (303, 18447), (308, 18471), (323, 18522), (336, 18594), (340, 18612), (355, 18666), (368, 18693),

Gene: Slatt_22 Start: 17086, Stop: 17823, Start Num: 99

Candidate Starts for Slatt_22:

(Start: 99 @17086 has 367 MA's), (158, 17200), (160, 17206), (Start: 164 @17215 has 12 MA's), (165, 17224), (214, 17320), (253, 17392), (255, 17398), (258, 17410), (275, 17461), (300, 17542), (306, 17575), (308, 17581), (329, 17662), (330, 17674), (335, 17698), (341, 17725), (350, 17767), (361, 17800), (368, 17815),

Gene: SlippinJimmy_23 Start: 18411, Stop: 19244, Start Num: 73

Candidate Starts for SlippinJimmy_23:

(Start: 73 @18411 has 11 MA's), (80, 18429), (Start: 99 @18486 has 367 MA's), (Start: 107 @18504 has 20 MA's), (163, 18624), (165, 18636), (200, 18720), (263, 18849), (269, 18867), (291, 18927), (304, 18984), (318, 19038), (335, 19119), (338, 19131), (343, 19149), (363, 19224),

Gene: SlySloth_33 Start: 21258, Stop: 22106, Start Num: 110

Candidate Starts for SlySloth_33:

(Start: 110 @21258 has 51 MA's), (139, 21321), (152, 21351), (172, 21414), (196, 21471), (202, 21483), (236, 21564), (269, 21672), (303, 21795), (306, 21813), (359, 22032),

Gene: Smarties_39 Start: 19895, Stop: 20809, Start Num: 71

Candidate Starts for Smarties_39:

(44, 19730), (60, 19847), (Start: 71 @19895 has 42 MA's), (77, 19910), (118, 20000), (121, 20006), (170, 20126), (228, 20279), (230, 20285), (251, 20357), (270, 20417), (294, 20495), (300, 20516), (303, 20531), (306, 20549), (308, 20555), (323, 20606), (340, 20696), (345, 20711), (355, 20750), (368, 20777),

Gene: SmokingBunny_23 Start: 15943, Stop: 16713, Start Num: 122

Candidate Starts for SmokingBunny_23:

(Start: 122 @15943 has 34 MA's), (139, 15985), (170, 16066), (177, 16090), (222, 16171), (253, 16246), (255, 16252), (260, 16273), (263, 16282), (276, 16321), (320, 16483), (353, 16633), (355, 16639), (381, 16696),

Gene: Soile_22 Start: 16784, Stop: 17521, Start Num: 99

Candidate Starts for Soile_22:

(Start: 99 @16784 has 367 MA's), (158, 16898), (160, 16904), (Start: 164 @16913 has 12 MA's), (165, 16922), (214, 17018), (253, 17090), (255, 17096), (258, 17108), (275, 17159), (300, 17240), (306, 17273), (308, 17279), (329, 17360), (330, 17372), (335, 17396), (341, 17423), (350, 17465), (361, 17498), (368, 17513),

Gene: Solosis_21 Start: 16789, Stop: 17526, Start Num: 99

Candidate Starts for Solosis_21:

(Start: 99 @16789 has 367 MA's), (158, 16903), (160, 16909), (Start: 164 @16918 has 12 MA's), (165, 16927), (214, 17023), (253, 17095), (255, 17101), (258, 17113), (275, 17164), (300, 17245), (306, 17278), (308, 17284), (329, 17365), (330, 17377), (335, 17401), (341, 17428), (350, 17470), (361, 17503), (368, 17518),

Gene: Soos_46 Start: 27088, Stop: 27834, Start Num: 116

Candidate Starts for Soos_46:

(Start: 105 @27064 has 1 MA's), (113, 27082), (Start: 116 @27088 has 85 MA's), (Start: 127 @27103 has 1 MA's), (175, 27238), (189, 27271), (192, 27274), (200, 27289), (204, 27295), (210, 27304), (350, 27754), (370, 27805),

Gene: Sophia_21 Start: 16782, Stop: 17519, Start Num: 99

Candidate Starts for Sophia_21:

(Start: 99 @16782 has 367 MA's), (158, 16896), (160, 16902), (Start: 164 @16911 has 12 MA's), (165, 16920), (214, 17016), (253, 17088), (255, 17094), (258, 17106), (275, 17157), (300, 17238), (306, 17271), (308, 17277), (329, 17358), (330, 17370), (335, 17394), (341, 17421), (350, 17463), (361, 17496), (368, 17511),

Gene: Soto_22 Start: 17066, Stop: 17803, Start Num: 99

Candidate Starts for Soto_22:

(Start: 99 @17066 has 367 MA's), (Start: 122 @17108 has 34 MA's), (158, 17180), (160, 17186), (Start: 164 @17195 has 12 MA's), (165, 17204), (214, 17300), (253, 17372), (255, 17378), (258, 17390), (275, 17441), (300, 17522), (306, 17555), (308, 17561), (329, 17642), (330, 17654), (335, 17678), (341, 17705), (361, 17780), (368, 17795),

Gene: Sour_23 Start: 19558, Stop: 20337, Start Num: 88

Candidate Starts for Sour_23:

(Start: 88 @19558 has 3 MA's), (Start: 99 @19588 has 367 MA's), (Start: 107 @19606 has 20 MA's), (Start: 116 @19621 has 85 MA's), (160, 19720), (163, 19726), (Start: 164 @19729 has 12 MA's), (251, 19906), (284, 19999), (303, 20071), (308, 20095), (330, 20188), (333, 20197), (335, 20212), (338, 20224), (345, 20251), (350, 20281), (366, 20326), (368, 20329),

Gene: Spartan300_22 Start: 17067, Stop: 17804, Start Num: 99

Candidate Starts for Spartan300_22:

(Start: 99 @17067 has 367 MA's), (158, 17181), (160, 17187), (Start: 164 @17196 has 12 MA's), (165, 17205), (214, 17301), (253, 17373), (255, 17379), (258, 17391), (275, 17442), (300, 17523), (306, 17556), (308, 17562), (329, 17643), (330, 17655), (335, 17679), (341, 17706), (361, 17781), (368, 17796),

Gene: Squash_33 Start: 21312, Stop: 22160, Start Num: 110

Candidate Starts for Squash_33:

(Start: 110 @21312 has 51 MA's), (139, 21375), (152, 21405), (172, 21468), (196, 21525), (202, 21537), (236, 21618), (269, 21726), (303, 21849), (306, 21867), (351, 22059), (359, 22086),

Gene: Squid_22 Start: 16779, Stop: 17516, Start Num: 99

Candidate Starts for Squid_22:

(Start: 99 @16779 has 367 MA's), (158, 16893), (160, 16899), (Start: 164 @16908 has 12 MA's), (165, 16917), (214, 17013), (253, 17085), (255, 17091), (258, 17103), (275, 17154), (300, 17235), (306, 17268), (308, 17274), (329, 17355), (330, 17367), (335, 17391), (341, 17418), (350, 17460), (361, 17493), (368, 17508),

Gene: Squiggle_22 Start: 16776, Stop: 17513, Start Num: 99

Candidate Starts for Squiggle_22:

(Start: 99 @16776 has 367 MA's), (158, 16890), (160, 16896), (Start: 164 @16905 has 12 MA's), (165, 16914), (214, 17010), (253, 17082), (255, 17088), (258, 17100), (275, 17151), (300, 17232), (306, 17265), (308, 17271), (329, 17352), (330, 17364), (335, 17388), (341, 17415), (350, 17457), (361, 17490), (368, 17505),

Gene: StAugustine_26 Start: 20056, Stop: 20868, Start Num: 99

Candidate Starts for StAugustine_26:

(Start: 99 @20056 has 367 MA's), (147, 20161), (156, 20179), (193, 20284), (197, 20290), (203, 20302), (218, 20332), (244, 20398), (303, 20605), (314, 20650), (333, 20731), (335, 20746), (340, 20767), (361, 20845),

Gene: Statler_32 Start: 21172, Stop: 22020, Start Num: 110

Candidate Starts for Statler_32:

(Start: 110 @21172 has 51 MA's), (139, 21235), (152, 21265), (172, 21328), (196, 21385), (202, 21397), (236, 21478), (269, 21586), (303, 21709), (306, 21727), (359, 21946),

Gene: Stewart25555_75 Start: 47773, Stop: 48465, Start Num: 164

Candidate Starts for Stewart25555_75:

(159, 47761), (Start: 164 @47773 has 12 MA's), (297, 48139), (316, 48217), (318, 48223), (326, 48250), (329, 48271), (339, 48322),

Gene: Stichling_24 Start: 19685, Stop: 20452, Start Num: 116

Candidate Starts for Stichling_24:

(Start: 116 @19685 has 85 MA's), (139, 19733), (163, 19790), (185, 19862), (249, 19979), (285, 20081), (303, 20159), (306, 20177), (308, 20183), (317, 20213), (330, 20273), (346, 20339), (377, 20432),

Gene: Stillion_50 Start: 27685, Stop: 28431, Start Num: 116

Candidate Starts for Stillion_50:

(Start: 105 @27661 has 1 MA's), (113, 27679), (Start: 116 @27685 has 85 MA's), (Start: 127 @27700 has 1 MA's), (175, 27835), (189, 27868), (192, 27871), (204, 27892), (210, 27901), (350, 28351), (370, 28402),

Gene: Sting_49 Start: 27503, Stop: 28273, Start Num: 105

Candidate Starts for Sting_49:

(Start: 105 @27503 has 1 MA's), (113, 27521), (Start: 116 @27527 has 85 MA's), (Start: 127 @27542 has 1 MA's), (175, 27677), (189, 27710), (192, 27713), (204, 27734), (210, 27743), (350, 28193), (370, 28244),

Gene: Stinger_18 Start: 16220, Stop: 16960, Start Num: 99

Candidate Starts for Stinger_18:

(38, 15959), (39, 15965), (45, 16022), (46, 16025), (49, 16040), (51, 16064), (54, 16076), (55, 16088), (56, 16091), (58, 16100), (70, 16145), (Start: 99 @16220 has 367 MA's), (147, 16298), (160, 16331), (163, 16337), (177, 16385), (189, 16412), (253, 16529), (260, 16556), (269, 16583), (284, 16619), (303, 16694), (308, 16718), (322, 16766), (330, 16811), (335, 16835), (351, 16907), (355, 16919), (361, 16937), (368, 16952),

Gene: StinkyVeggy_24 Start: 17919, Stop: 18677, Start Num: 99

Candidate Starts for StinkyVeggy_24:

(Start: 99 @17919 has 367 MA's), (163, 18045), (175, 18087), (212, 18168), (235, 18192), (251, 18243), (269, 18300), (284, 18336), (292, 18366), (294, 18375), (308, 18435), (341, 18579), (350, 18621), (368, 18669),

Gene: StorminNorm_26 Start: 20050, Stop: 20817, Start Num: 116

Candidate Starts for StorminNorm_26:

(Start: 116 @20050 has 85 MA's), (139, 20098), (163, 20155), (165, 20167), (249, 20344), (269, 20404), (285, 20446), (303, 20524), (306, 20542), (317, 20578), (330, 20638), (346, 20704),

Gene: StrawberryJamm_33 Start: 20492, Stop: 21340, Start Num: 110

Candidate Starts for StrawberryJamm_33:

(Start: 110 @20492 has 51 MA's), (139, 20555), (152, 20585), (172, 20648), (196, 20705), (202, 20717), (236, 20798), (269, 20906), (303, 21029), (306, 21047), (351, 21239),

Gene: Struggle_21 Start: 16623, Stop: 17360, Start Num: 99

Candidate Starts for Struggle_21:

(Start: 99 @16623 has 367 MA's), (158, 16737), (160, 16743), (Start: 164 @16752 has 12 MA's), (165, 16761), (214, 16857), (253, 16929), (255, 16935), (258, 16947), (275, 16998), (300, 17079), (306, 17112), (308, 17118), (329, 17199), (330, 17211), (335, 17235), (341, 17262), (361, 17337), (368, 17352),

Gene: Stultus_25 Start: 20596, Stop: 21369, Start Num: 116

Candidate Starts for Stultus_25:

(Start: 116 @20596 has 85 MA's), (139, 20644), (177, 20749), (253, 20896), (285, 20992), (303, 21070), (306, 21088), (318, 21127), (346, 21250), (381, 21352),

Gene: Suffolk_22 Start: 17069, Stop: 17806, Start Num: 99

Candidate Starts for Suffolk_22:

(Start: 99 @17069 has 367 MA's), (158, 17183), (160, 17189), (Start: 164 @17198 has 12 MA's), (165, 17207), (214, 17303), (253, 17375), (255, 17381), (258, 17393), (275, 17444), (300, 17525), (306, 17558), (308, 17564), (329, 17645), (330, 17657), (335, 17681), (341, 17708), (350, 17750), (361, 17783), (368, 17798),

Gene: Suigeneris_22 Start: 17804, Stop: 18559, Start Num: 99

Candidate Starts for Suigeneris_22:

(52, 17639), (57, 17669), (65, 17690), (Start: 73 @17729 has 11 MA's), (Start: 99 @17804 has 367 MA's), (114, 17834), (141, 17882), (158, 17918), (163, 17930), (165, 17942), (175, 17972), (177, 17978), (185, 17999), (251, 18125), (263, 18164), (269, 18182), (284, 18218), (294, 18257), (308, 18317), (335, 18434), (338, 18446), (341, 18461), (350, 18503), (368, 18551),

Gene: Sunfish_36 Start: 19240, Stop: 20130, Start Num: 108

Candidate Starts for Sunfish_36:

(Start: 108 @19240 has 1 MA's), (123, 19261), (167, 19363), (210, 19453), (253, 19555), (271, 19612), (294, 19693), (297, 19702), (303, 19729), (317, 19783), (330, 19852), (335, 19876), (367, 19987), (369, 19990), (375, 20005),

Gene: Sunny_ Start: 20136, Stop: 20972, Start Num: 104

Candidate Starts for Sunny_:

(67, 20013), (Start: 104 @20136 has 2 MA's), (115, 20160), (158, 20250), (170, 20286), (173, 20295), (177, 20310), (221, 20418), (228, 20442), (230, 20448), (251, 20520), (260, 20550), (268, 20574), (270, 20580), (286, 20622), (294, 20658), (303, 20694), (306, 20712), (308, 20718), (323, 20769), (340, 20859), (345, 20874), (355, 20913), (368, 20940),

Gene: Surely_22 Start: 17081, Stop: 17818, Start Num: 99

Candidate Starts for Surely_22:

(Start: 99 @17081 has 367 MA's), (158, 17195), (160, 17201), (Start: 164 @17210 has 12 MA's), (165, 17219), (214, 17315), (253, 17387), (255, 17393), (258, 17405), (275, 17456), (300, 17537), (306, 17570), (308, 17576), (329, 17657), (330, 17669), (335, 17693), (341, 17720), (350, 17762), (361, 17795), (368, 17810),

Gene: SwainyDoc_23 Start: 17719, Stop: 18477, Start Num: 99

Candidate Starts for SwainyDoc_23:

(Start: 73 @17644 has 11 MA's), (80, 17662), (Start: 99 @17719 has 367 MA's), (Start: 107 @17737 has 20 MA's), (163, 17857), (165, 17869), (200, 17953), (263, 18082), (269, 18100), (291, 18160), (304, 18217), (318, 18271), (335, 18352), (338, 18364), (343, 18382), (363, 18457),

Gene: Swiphy_22 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for Swiphy_22:

(Start: 99 @17070 has 367 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: Swish_22 Start: 17064, Stop: 17801, Start Num: 99

Candidate Starts for Swish_22:

(Start: 99 @17064 has 367 MA's), (158, 17178), (160, 17184), (Start: 164 @17193 has 12 MA's), (165, 17202), (214, 17298), (253, 17370), (255, 17376), (258, 17388), (275, 17439), (300, 17520), (306, 17553), (308, 17559), (329, 17640), (330, 17652), (335, 17676), (341, 17703), (350, 17745), (361, 17778), (368, 17793),

Gene: SynergyX_23 Start: 17722, Stop: 18480, Start Num: 99

Candidate Starts for SynergyX_23:

(Start: 73 @17647 has 11 MA's), (80, 17665), (Start: 99 @17722 has 367 MA's), (Start: 107 @17740 has 20 MA's), (163, 17860), (165, 17872), (200, 17956), (263, 18085), (269, 18103), (291, 18163), (304, 18220), (318, 18274), (335, 18355), (338, 18367), (343, 18385), (363, 18460),

Gene: TA17A_25 Start: 19127, Stop: 19912, Start Num: 93

Candidate Starts for TA17A_25:

(Start: 93 @19127 has 34 MA's), (138, 19238), (155, 19274), (Start: 161 @19295 has 3 MA's), (163, 19298), (177, 19346), (193, 19382), (253, 19484), (260, 19511), (263, 19520), (269, 19538), (276, 19559), (303, 19652), (308, 19676), (314, 19697), (329, 19754), (330, 19766), (331, 19769), (338, 19799), (349, 19850), (366, 19901),

Gene: TP1604_17 Start: 17740, Stop: 18600, Start Num: 109

Candidate Starts for TP1604_17:

(64, 17608), (Start: 109 @17740 has 14 MA's), (158, 17848), (226, 17995), (228, 18004), (232, 18019), (263, 18118), (266, 18124), (269, 18136), (270, 18139), (294, 18244), (297, 18253), (303, 18280), (310, 18313), (312, 18319), (335, 18424), (339, 18439), (343, 18454), (349, 18487), (355, 18508), (365, 18535), (368, 18541),

Gene: TPA2_28 Start: 17959, Stop: 18726, Start Num: 99

Candidate Starts for TPA2_28:

(Start: 99 @17959 has 367 MA's), (Start: 107 @17977 has 20 MA's), (Start: 127 @18007 has 1 MA's), (128, 18010), (165, 18109), (172, 18130), (210, 18214), (241, 18262), (251, 18292), (263, 18331), (269, 18349), (303, 18460), (338, 18613), (347, 18655), (350, 18670), (355, 18685),

Gene: Talia1610_84 Start: 51285, Stop: 51974, Start Num: 164

Candidate Starts for Talia1610_84:

(Start: 164 @51285 has 12 MA's), (250, 51483), (277, 51570), (281, 51582), (286, 51603), (290, 51621), (294, 51639), (307, 51696), (321, 51744), (326, 51759), (338, 51828), (339, 51831),

Gene: TallGrassMM_22 Start: 16796, Stop: 17533, Start Num: 99

Candidate Starts for TallGrassMM_22:

(Start: 99 @16796 has 367 MA's), (158, 16910), (160, 16916), (Start: 164 @16925 has 12 MA's), (165, 16934), (214, 17030), (253, 17102), (255, 17108), (258, 17120), (275, 17171), (300, 17252), (306, 17285), (308, 17291), (329, 17372), (330, 17384), (335, 17408), (341, 17435), (350, 17477), (361, 17510), (368, 17525),

Gene: Tangent_27 Start: 21039, Stop: 21806, Start Num: 116

Candidate Starts for Tangent_27:

(Start: 116 @21039 has 85 MA's), (139, 21087), (163, 21144), (177, 21192), (253, 21339), (269, 21393), (285, 21429), (303, 21507), (306, 21525), (318, 21564), (330, 21621), (346, 21687), (381, 21789),

Gene: Tangerine_26 Start: 20056, Stop: 20823, Start Num: 116

Candidate Starts for Tangerine_26:

(Start: 116 @20056 has 85 MA's), (139, 20104), (163, 20161), (165, 20173), (249, 20350), (269, 20410), (285, 20452), (303, 20530), (306, 20548), (317, 20584), (330, 20644), (346, 20710),

Gene: Tank_26 Start: 18308, Stop: 19024, Start Num: 146

Candidate Starts for Tank_26:

(Start: 146 @18308 has 19 MA's), (163, 18353), (177, 18395), (198, 18440), (202, 18449), (222, 18488), (233, 18515), (260, 18602), (277, 18653), (291, 18692), (317, 18779), (318, 18782), (327, 18812), (333, 18854), (343, 18893), (349, 18926), (368, 18980),

Gene: Taptic_16 Start: 16492, Stop: 17229, Start Num: 101

Candidate Starts for Taptic_16:

(Start: 101 @16492 has 8 MA's), (Start: 107 @16504 has 20 MA's), (Start: 164 @16627 has 12 MA's), (165, 16636), (184, 16693), (193, 16708), (201, 16723), (234, 16750), (241, 16771), (246, 16786), (251, 16801), (253, 16804), (261, 16834), (263, 16840), (268, 16855), (289, 16915), (303, 16969), (304, 16972), (311, 17005), (313, 17011), (314, 17014), (318, 17026), (330, 17083), (333, 17092), (335, 17107), (350, 17173), (355, 17188), (361, 17206), (368, 17221),

Gene: Taraxa_22 Start: 16650, Stop: 17387, Start Num: 99

Candidate Starts for Taraxa_22:

(Start: 99 @16650 has 367 MA's), (158, 16764), (160, 16770), (Start: 164 @16779 has 12 MA's), (165, 16788), (214, 16884), (253, 16956), (255, 16962), (258, 16974), (275, 17025), (300, 17106), (306, 17139), (308, 17145), (329, 17226), (330, 17238), (335, 17262), (341, 17289), (361, 17364), (368, 17379),

Gene: Tardus_27 Start: 20395, Stop: 21186, Start Num: 116

Candidate Starts for Tardus_27:

(Start: 116 @20395 has 85 MA's), (170, 20524), (212, 20620), (285, 20815), (292, 20845), (318, 20950), (330, 21007), (336, 21037), (346, 21073), (368, 21145),

Gene: Teamocil_32 Start: 17895, Stop: 18806, Start Num: 71

Candidate Starts for Teamocil_32:

(Start: 71 @17895 has 42 MA's), (Start: 75 @17907 has 4 MA's), (118, 17997), (170, 18123), (175, 18141), (177, 18147), (228, 18276), (269, 18411), (294, 18492), (300, 18513), (303, 18528), (306, 18546), (308, 18552), (323, 18603), (336, 18675), (340, 18693), (355, 18747), (368, 18774),

Gene: Teehee_32 Start: 21489, Stop: 22337, Start Num: 110

Candidate Starts for Teehee_32:

(Start: 110 @21489 has 51 MA's), (139, 21552), (152, 21582), (172, 21645), (196, 21702), (202, 21714), (236, 21795), (269, 21903), (303, 22026), (306, 22044), (351, 22236),

Gene: Telesworld_21 Start: 16775, Stop: 17512, Start Num: 99

Candidate Starts for Telesworld_21:

(Start: 99 @16775 has 367 MA's), (Start: 122 @16817 has 34 MA's), (158, 16889), (160, 16895), (Start: 164 @16904 has 12 MA's), (165, 16913), (214, 17009), (253, 17081), (255, 17087), (258, 17099), (275, 17150), (300, 17231), (306, 17264), (308, 17270), (329, 17351), (330, 17363), (335, 17387), (341, 17414), (361, 17489), (368, 17504),

Gene: Tempo_30 Start: 19664, Stop: 20509, Start Num: 110

Candidate Starts for Tempo_30:

(Start: 110 @19664 has 51 MA's), (139, 19730), (152, 19760), (196, 19880), (236, 19973), (265, 20066), (294, 20168), (295, 20171), (310, 20234), (351, 20405), (368, 20450),

Gene: Terij_27 Start: 17406, Stop: 18302, Start Num: 79

Candidate Starts for Terij_27:

(Start: 79 @17406 has 7 MA's), (Start: 89 @17433 has 2 MA's), (90, 17436), (102, 17469), (177, 17640), (228, 17763), (260, 17871), (263, 17880), (278, 17922), (286, 17943), (294, 17982), (309, 18048), (312, 18057), (368, 18267), (372, 18276),

Gene: Thing3_26 Start: 21526, Stop: 22299, Start Num: 116

Candidate Starts for Thing3_26:

(Start: 116 @21526 has 85 MA's), (139, 21574), (177, 21679), (253, 21826), (268, 21877), (285, 21922), (303, 22000), (306, 22018), (318, 22057), (330, 22114), (346, 22180), (381, 22282),

Gene: Thonko_21 Start: 15507, Stop: 16247, Start Num: 99

Candidate Starts for Thonko_21:

(Start: 99 @15507 has 367 MA's), (158, 15612), (160, 15618), (163, 15624), (177, 15672), (253, 15816), (260, 15843), (275, 15885), (284, 15906), (308, 16005), (317, 16035), (330, 16098), (361, 16224), (368, 16239),

Gene: Thora_22 Start: 17080, Stop: 17817, Start Num: 99

Candidate Starts for Thora_22:

(Start: 99 @17080 has 367 MA's), (158, 17194), (160, 17200), (Start: 164 @17209 has 12 MA's), (165, 17218), (214, 17314), (253, 17386), (255, 17392), (258, 17404), (275, 17455), (300, 17536), (306, 17569), (308, 17575), (329, 17656), (330, 17668), (335, 17692), (341, 17719), (350, 17761), (361, 17794), (368, 17809),

Gene: ThreeOh3D2_22 Start: 17079, Stop: 17816, Start Num: 99

Candidate Starts for ThreeOh3D2_22:

(Start: 99 @17079 has 367 MA's), (Start: 122 @17121 has 34 MA's), (158, 17193), (160, 17199), (Start: 164 @17208 has 12 MA's), (165, 17217), (214, 17313), (253, 17385), (255, 17391), (258, 17403), (275, 17454), (300, 17535), (306, 17568), (308, 17574), (329, 17655), (330, 17667), (335, 17691), (341, 17718), (350, 17760), (361, 17793), (368, 17808),

Gene: Thunderbird_21 Start: 16779, Stop: 17516, Start Num: 99

Candidate Starts for Thunderbird_21:

(Start: 99 @16779 has 367 MA's), (158, 16893), (160, 16899), (Start: 164 @16908 has 12 MA's), (165, 16917), (214, 17013), (253, 17085), (255, 17091), (258, 17103), (275, 17154), (300, 17235), (306, 17268), (308, 17274), (329, 17355), (330, 17367), (335, 17391), (341, 17418), (361, 17493), (368,

17508),

Gene: Tiamoceli_25 Start: 18819, Stop: 19616, Start Num: 116

Candidate Starts for Tiamoceli_25:

(Start: 116 @18819 has 85 MA's), (170, 18948), (177, 18972), (224, 19062), (226, 19065), (260, 19179), (302, 19323), (317, 19380), (320, 19389), (322, 19398), (346, 19506), (368, 19578), (370, 19581), (379, 19596),

Gene: TillyBobJoe_23 Start: 15727, Stop: 16497, Start Num: 122

Candidate Starts for TillyBobJoe_23:

(84, 15634), (Start: 122 @15727 has 34 MA's), (139, 15769), (170, 15850), (222, 15955), (253, 16030), (255, 16036), (260, 16057), (263, 16066), (276, 16105), (285, 16126), (320, 16267), (322, 16276), (353, 16417), (355, 16423), (381, 16480),

Gene: Timmi_21 Start: 16790, Stop: 17527, Start Num: 99

Candidate Starts for Timmi_21:

(Start: 99 @16790 has 367 MA's), (158, 16904), (160, 16910), (Start: 164 @16919 has 12 MA's), (165, 16928), (214, 17024), (253, 17096), (255, 17102), (258, 17114), (275, 17165), (300, 17246), (306, 17279), (308, 17285), (329, 17366), (330, 17378), (335, 17402), (341, 17429), (350, 17471), (361, 17504), (368, 17519),

Gene: Tinciduntolum_25 Start: 19249, Stop: 20034, Start Num: 93

Candidate Starts for Tinciduntolum_25:

(Start: 93 @19249 has 34 MA's), (138, 19360), (155, 19396), (Start: 161 @19417 has 3 MA's), (163, 19420), (177, 19468), (193, 19504), (253, 19606), (260, 19633), (263, 19642), (269, 19660), (276, 19681), (303, 19774), (308, 19798), (314, 19819), (329, 19876), (330, 19888), (331, 19891), (338, 19921), (349, 19972), (366, 20023),

Gene: TinyTerror_23 Start: 17719, Stop: 18477, Start Num: 99

Candidate Starts for TinyTerror_23:

(Start: 73 @17644 has 11 MA's), (80, 17662), (Start: 99 @17719 has 367 MA's), (Start: 107 @17737 has 20 MA's), (163, 17857), (165, 17869), (200, 17953), (263, 18082), (269, 18100), (291, 18160), (304, 18217), (318, 18271), (335, 18352), (338, 18364), (343, 18382), (363, 18457),

Gene: Tissue_31 Start: 21009, Stop: 21857, Start Num: 110

Candidate Starts for Tissue_31:

(Start: 110 @21009 has 51 MA's), (139, 21072), (152, 21102), (172, 21165), (196, 21222), (202, 21234), (236, 21315), (269, 21423), (303, 21546), (306, 21564), (351, 21756),

Gene: Togo_23 Start: 15943, Stop: 16713, Start Num: 122

Candidate Starts for Togo_23:

(Start: 122 @15943 has 34 MA's), (139, 15985), (170, 16066), (177, 16090), (222, 16171), (253, 16246), (255, 16252), (260, 16273), (263, 16282), (276, 16321), (320, 16483), (353, 16633), (355, 16639), (381, 16696),

Gene: TomBombadil_22 Start: 17075, Stop: 17812, Start Num: 99

Candidate Starts for TomBombadil_22:

(Start: 99 @17075 has 367 MA's), (158, 17189), (160, 17195), (Start: 164 @17204 has 12 MA's), (165, 17213), (214, 17309), (253, 17381), (255, 17387), (258, 17399), (275, 17450), (300, 17531), (306, 17564), (308, 17570), (329, 17651), (330, 17663), (335, 17687), (341, 17714), (350, 17756), (361, 17789), (368, 17804),

Gene: Tomlarah_22 Start: 17065, Stop: 17802, Start Num: 99

Candidate Starts for Tomlarah_22:

(Start: 99 @17065 has 367 MA's), (Start: 122 @17107 has 34 MA's), (158, 17179), (160, 17185), (Start: 164 @17194 has 12 MA's), (165, 17203), (214, 17299), (253, 17371), (255, 17377), (258, 17389), (275, 17440), (300, 17521), (306, 17554), (308, 17560), (329, 17641), (330, 17653), (335, 17677), (341, 17704), (361, 17779), (368, 17794),

Gene: Toni_21 Start: 16774, Stop: 17511, Start Num: 99

Candidate Starts for Toni_21:

(Start: 99 @16774 has 367 MA's), (Start: 122 @16816 has 34 MA's), (158, 16888), (160, 16894), (Start: 164 @16903 has 12 MA's), (165, 16912), (214, 17008), (253, 17080), (255, 17086), (258, 17098), (275, 17149), (300, 17230), (306, 17263), (308, 17269), (329, 17350), (330, 17362), (335, 17386), (341, 17413), (350, 17455), (361, 17488), (368, 17503),

Gene: Tonitrus_37 Start: 25747, Stop: 26508, Start Num: 120

Candidate Starts for Tonitrus_37:

(82, 25648), (Start: 120 @25747 has 1 MA's), (149, 25819), (160, 25849), (163, 25855), (175, 25897), (189, 25930), (210, 25963), (220, 25975), (235, 25990), (238, 26002), (253, 26044), (259, 26065), (263, 26080), (269, 26098), (314, 26257), (349, 26413), (352, 26425),

Gene: TooFast2Furius_23 Start: 17311, Stop: 18048, Start Num: 99

Candidate Starts for TooFast2Furius_23:

(Start: 99 @17311 has 367 MA's), (Start: 122 @17353 has 34 MA's), (158, 17425), (160, 17431), (Start: 164 @17440 has 12 MA's), (165, 17449), (214, 17545), (253, 17617), (255, 17623), (258, 17635), (275, 17686), (300, 17767), (306, 17800), (308, 17806), (329, 17887), (330, 17899), (335, 17923), (341, 17950), (361, 18025), (368, 18040),

Gene: Tooj_22 Start: 17076, Stop: 17813, Start Num: 99

Candidate Starts for Tooj_22:

(Start: 99 @17076 has 367 MA's), (Start: 122 @17118 has 34 MA's), (158, 17190), (160, 17196), (Start: 164 @17205 has 12 MA's), (165, 17214), (214, 17310), (253, 17382), (255, 17388), (258, 17400), (275, 17451), (300, 17532), (306, 17565), (308, 17571), (329, 17652), (330, 17664), (335, 17688), (341, 17715), (361, 17790), (368, 17805),

Gene: TraderJ_21 Start: 16979, Stop: 17722, Start Num: 92

Candidate Starts for TraderJ_21:

(Start: 92 @16979 has 8 MA's), (Start: 99 @17003 has 367 MA's), (Start: 107 @17021 has 20 MA's), (Start: 122 @17045 has 34 MA's), (150, 17078), (158, 17099), (160, 17105), (165, 17123), (172, 17144), (210, 17213), (214, 17219), (269, 17348), (305, 17468), (350, 17666), (355, 17681), (361, 17699),

Gene: Tres_24 Start: 19130, Stop: 19915, Start Num: 93

Candidate Starts for Tres_24:

(Start: 93 @19130 has 34 MA's), (138, 19241), (155, 19277), (Start: 161 @19298 has 3 MA's), (163, 19301), (177, 19349), (193, 19385), (253, 19487), (260, 19514), (263, 19523), (269, 19541), (276, 19562), (303, 19655), (308, 19679), (314, 19700), (329, 19757), (330, 19769), (331, 19772), (338, 19802), (349, 19853), (366, 19904),

Gene: Triad_22 Start: 15945, Stop: 16682, Start Num: 99

Candidate Starts for Triad_22:

(Start: 99 @15945 has 367 MA's), (158, 16059), (160, 16065), (Start: 164 @16074 has 12 MA's), (165, 16083), (214, 16179), (253, 16251), (255, 16257), (258, 16269), (275, 16320), (300, 16401), (306, 16434), (308, 16440), (330, 16533), (335, 16557), (341, 16584), (350, 16626), (361, 16659), (368, 16674),

Gene: True_21 Start: 16778, Stop: 17515, Start Num: 99

Candidate Starts for True_21:

(Start: 99 @16778 has 367 MA's), (158, 16892), (160, 16898), (Start: 164 @16907 has 12 MA's), (165, 16916), (214, 17012), (253, 17084), (255, 17090), (258, 17102), (275, 17153), (300, 17234), (306, 17267), (308, 17273), (329, 17354), (330, 17366), (335, 17390), (341, 17417), (361, 17492), (368, 17507),

Gene: Trypo_22 Start: 17067, Stop: 17804, Start Num: 99

Candidate Starts for Trypo_22:

(Start: 99 @17067 has 367 MA's), (158, 17181), (160, 17187), (Start: 164 @17196 has 12 MA's), (165, 17205), (214, 17301), (253, 17373), (255, 17379), (258, 17391), (275, 17442), (300, 17523), (306, 17556), (308, 17562), (329, 17643), (330, 17655), (335, 17679), (341, 17706), (361, 17781), (368, 17796),

Gene: TurkishDelight_23 Start: 20012, Stop: 20827, Start Num: 109

Candidate Starts for TurkishDelight_23:

(Start: 109 @20012 has 14 MA's), (129, 20048), (139, 20066), (150, 20090), (169, 20141), (175, 20162), (177, 20168), (Start: 190 @20201 has 2 MA's), (226, 20252), (258, 20357), (260, 20366), (261, 20369), (282, 20420), (287, 20441), (294, 20480), (303, 20516), (315, 20564), (319, 20576), (333, 20648), (335, 20663), (336, 20669), (349, 20726), (350, 20732), (353, 20741), (355, 20747), (368, 20780),

Gene: Twister6_25 Start: 16370, Stop: 17140, Start Num: 122

Candidate Starts for Twister6_25:

(Start: 122 @16370 has 34 MA's), (139, 16412), (170, 16493), (177, 16517), (222, 16598), (253, 16673), (255, 16679), (260, 16700), (263, 16709), (276, 16748), (320, 16910), (353, 17060), (355, 17066), (381, 17123),

Gene: Twonlo_22 Start: 17437, Stop: 18234, Start Num: 116

Candidate Starts for Twonlo_22:

(Start: 116 @17437 has 85 MA's), (145, 17497), (160, 17536), (165, 17554), (170, 17566), (177, 17590), (224, 17680), (226, 17683), (260, 17797), (261, 17800), (263, 17806), (302, 17941), (317, 17998), (320, 18007), (322, 18016), (346, 18124), (368, 18196), (370, 18199), (379, 18214),

Gene: Tycho_26 Start: 20145, Stop: 20912, Start Num: 116

Candidate Starts for Tycho_26:

(Start: 116 @20145 has 85 MA's), (139, 20193), (163, 20250), (165, 20262), (249, 20439), (269, 20499), (285, 20541), (303, 20619), (306, 20637), (317, 20673), (330, 20733), (346, 20799),

Gene: Tydolla_23 Start: 18384, Stop: 19217, Start Num: 73

Candidate Starts for Tydolla_23:

(Start: 73 @18384 has 11 MA's), (80, 18402), (Start: 99 @18459 has 367 MA's), (Start: 107 @18477 has 20 MA's), (163, 18597), (165, 18609), (200, 18693), (263, 18822), (269, 18840), (291, 18900), (304, 18957), (318, 19011), (335, 19092), (338, 19104), (343, 19122), (363, 19197),

Gene: TyrionL_21 Start: 16631, Stop: 17368, Start Num: 99

Candidate Starts for TyrionL_21:

(Start: 99 @16631 has 367 MA's), (Start: 122 @16673 has 34 MA's), (158, 16745), (160, 16751), (Start: 164 @16760 has 12 MA's), (165, 16769), (214, 16865), (253, 16937), (255, 16943), (258, 16955), (275, 17006), (300, 17087), (306, 17120), (308, 17126), (329, 17207), (330, 17219), (335, 17243), (341, 17270), (361, 17345), (368, 17360),

Gene: Tyrumbra_29 Start: 17116, Stop: 18027, Start Num: 71

Candidate Starts for Tyrumbra_29:

(Start: 71 @17116 has 42 MA's), (118, 17218), (170, 17344), (173, 17353), (175, 17362), (228, 17497), (230, 17503), (289, 17692), (294, 17713), (300, 17734), (303, 17749), (306, 17767), (308, 17773), (323, 17824), (336, 17896), (340, 17914), (355, 17968), (368, 17995),

Gene: UAch1_22 Start: 17087, Stop: 17824, Start Num: 99

Candidate Starts for UAch1_22:

(Start: 99 @17087 has 367 MA's), (Start: 122 @17129 has 34 MA's), (158, 17201), (160, 17207), (Start: 164 @17216 has 12 MA's), (165, 17225), (214, 17321), (253, 17393), (255, 17399), (258, 17411), (275, 17462), (300, 17543), (306, 17576), (308, 17582), (329, 17663), (330, 17675), (335, 17699), (341, 17726), (361, 17801), (368, 17816),

Gene: UncleHowie_22 Start: 16777, Stop: 17514, Start Num: 99

Candidate Starts for UncleHowie_22:

(Start: 99 @16777 has 367 MA's), (Start: 122 @16819 has 34 MA's), (158, 16891), (160, 16897), (Start: 164 @16906 has 12 MA's), (165, 16915), (214, 17011), (253, 17083), (255, 17089), (258, 17101), (275, 17152), (300, 17233), (306, 17266), (308, 17272), (329, 17353), (330, 17365), (335, 17389), (341, 17416), (361, 17491), (368, 17506),

Gene: Usavi_22 Start: 17078, Stop: 17815, Start Num: 99

Candidate Starts for Usavi_22:

(Start: 99 @17078 has 367 MA's), (158, 17192), (160, 17198), (Start: 164 @17207 has 12 MA's), (165, 17216), (214, 17312), (253, 17384), (255, 17390), (258, 17402), (275, 17453), (300, 17534), (306, 17567), (308, 17573), (329, 17654), (330, 17666), (335, 17690), (341, 17717), (361, 17792), (368, 17807),

Gene: Vaishali24_21 Start: 16731, Stop: 17468, Start Num: 99

Candidate Starts for Vaishali24_21:

(Start: 99 @16731 has 367 MA's), (158, 16845), (160, 16851), (Start: 164 @16860 has 12 MA's), (165, 16869), (214, 16965), (253, 17037), (255, 17043), (258, 17055), (275, 17106), (300, 17187), (306, 17220), (308, 17226), (330, 17319), (335, 17343), (341, 17370), (361, 17445), (368, 17460),

Gene: Valary_26 Start: 16867, Stop: 17637, Start Num: 122

Candidate Starts for Valary_26:

(Start: 122 @16867 has 34 MA's), (139, 16909), (170, 16990), (222, 17095), (253, 17170), (255, 17176), (260, 17197), (263, 17206), (285, 17266), (320, 17407), (322, 17416), (336, 17488), (353, 17557), (355, 17563), (381, 17620),

Gene: Valjean_22 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for Valjean_22:

(Start: 99 @17070 has 367 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: VanDeWege_26 Start: 16751, Stop: 17521, Start Num: 122

Candidate Starts for VanDeWege_26:

(Start: 122 @16751 has 34 MA's), (139, 16793), (170, 16874), (177, 16898), (222, 16979), (253, 17054), (255, 17060), (260, 17081), (263, 17090), (276, 17129), (320, 17291), (353, 17441), (355, 17447), (381, 17504),

Gene: Vaticameos_22 Start: 16768, Stop: 17505, Start Num: 99

Candidate Starts for Vaticameos_22:

(Start: 99 @16768 has 367 MA's), (Start: 122 @16810 has 34 MA's), (158, 16882), (160, 16888), (Start: 164 @16897 has 12 MA's), (165, 16906), (214, 17002), (253, 17074), (255, 17080), (258, 17092), (275, 17143), (300, 17224), (306, 17257), (308, 17263), (329, 17344), (330, 17356), (335, 17380), (341, 17407), (361, 17482), (368, 17497),

Gene: Veritas_21 Start: 16617, Stop: 17354, Start Num: 99

Candidate Starts for Veritas_21:

(Start: 99 @16617 has 367 MA's), (158, 16731), (160, 16737), (Start: 164 @16746 has 12 MA's), (165, 16755), (214, 16851), (253, 16923), (255, 16929), (258, 16941), (275, 16992), (300, 17073), (306, 17106), (308, 17112), (329, 17193), (330, 17205), (335, 17229), (341, 17256), (361, 17331), (368, 17346),

Gene: Verity_26 Start: 21299, Stop: 22135, Start Num: 97

Candidate Starts for Verity_26:

(Start: 97 @21299 has 2 MA's), (Start: 116 @21344 has 85 MA's), (152, 21422), (170, 21473), (200, 21548), (212, 21569), (265, 21707), (285, 21764), (292, 21794), (318, 21899), (330, 21956), (336, 21986), (346, 22022), (353, 22055), (368, 22094),

Gene: ViaConlectus_26 Start: 19736, Stop: 20527, Start Num: 116

Candidate Starts for ViaConlectus_26:

(Start: 116 @19736 has 85 MA's), (170, 19865), (212, 19961), (285, 20156), (292, 20186), (318, 20291), (330, 20348), (336, 20378), (346, 20414), (353, 20447), (368, 20486),

Gene: Vic9_00024 Start: 19572, Stop: 20357, Start Num: 93

Candidate Starts for Vic9_00024:

(Start: 93 @19572 has 34 MA's), (138, 19683), (155, 19719), (Start: 161 @19740 has 3 MA's), (163, 19743), (177, 19791), (193, 19827), (253, 19929), (260, 19956), (263, 19965), (269, 19983), (276, 20004), (303, 20097), (308, 20121), (314, 20142), (329, 20199), (330, 20211), (331, 20214), (338, 20244), (349, 20295), (366, 20346),

Gene: Viceroy_30 Start: 20255, Stop: 21103, Start Num: 110

Candidate Starts for Viceroy_30:

(Start: 110 @20255 has 51 MA's), (139, 20318), (152, 20348), (172, 20411), (196, 20468), (202, 20480), (236, 20561), (269, 20669), (303, 20792), (306, 20810), (351, 21002),

Gene: Vincenzo_21 Start: 18471, Stop: 19205, Start Num: 99

Candidate Starts for Vincenzo_21:

(63, 18354), (Start: 99 @18471 has 367 MA's), (147, 18549), (163, 18588), (177, 18636), (185, 18657), (268, 18825), (284, 18864), (292, 18894), (303, 18939), (308, 18963), (351, 19152), (361, 19182), (368, 19197),

Gene: VioletZ_20 Start: 17748, Stop: 18491, Start Num: 99

Candidate Starts for VioletZ_20:

(62, 17643), (Start: 95 @17739 has 1 MA's), (Start: 99 @17748 has 367 MA's), (160, 17859), (163, 17865), (177, 17913), (246, 18042), (260, 18087), (269, 18114), (277, 18138), (284, 18150), (292, 18180), (303, 18225), (308, 18249), (341, 18393), (351, 18438), (355, 18450), (361, 18468), (368, 18483),

Gene: Virapocalypse_22 Start: 17061, Stop: 17798, Start Num: 99

Candidate Starts for Virapocalypse_22:

(Start: 99 @17061 has 367 MA's), (158, 17175), (160, 17181), (Start: 164 @17190 has 12 MA's), (165, 17199), (214, 17295), (253, 17367), (255, 17373), (258, 17385), (275, 17436), (300, 17517), (306,

17550), (308, 17556), (329, 17637), (330, 17649), (335, 17673), (341, 17700), (350, 17742), (361, 17775), (368, 17790),

Gene: Virgeve_21 Start: 16783, Stop: 17520, Start Num: 99

Candidate Starts for Virgeve_21:

(Start: 99 @16783 has 367 MA's), (158, 16897), (160, 16903), (Start: 164 @16912 has 12 MA's), (165, 16921), (214, 17017), (253, 17089), (255, 17095), (258, 17107), (275, 17158), (300, 17239), (306, 17272), (308, 17278), (329, 17359), (330, 17371), (335, 17395), (341, 17422), (361, 17497), (368, 17512),

Gene: Vista_22 Start: 17075, Stop: 17812, Start Num: 99

Candidate Starts for Vista_22:

(Start: 99 @17075 has 367 MA's), (158, 17189), (160, 17195), (Start: 164 @17204 has 12 MA's), (165, 17213), (214, 17309), (253, 17381), (255, 17387), (258, 17399), (275, 17450), (300, 17531), (306, 17564), (308, 17570), (329, 17651), (330, 17663), (335, 17687), (341, 17714), (350, 17756), (361, 17789), (368, 17804),

Gene: Vivaldi_22 Start: 17105, Stop: 17842, Start Num: 99

Candidate Starts for Vivaldi_22:

(Start: 99 @17105 has 367 MA's), (Start: 122 @17147 has 34 MA's), (158, 17219), (160, 17225), (Start: 164 @17234 has 12 MA's), (165, 17243), (214, 17339), (253, 17411), (255, 17417), (258, 17429), (275, 17480), (300, 17561), (306, 17594), (308, 17600), (329, 17681), (330, 17693), (335, 17717), (341, 17744), (361, 17819), (368, 17834),

Gene: Vivi2_29 Start: 22212, Stop: 22979, Start Num: 116

Candidate Starts for Vivi2_29:

(Start: 116 @22212 has 85 MA's), (139, 22260), (163, 22317), (177, 22365), (253, 22512), (269, 22566), (285, 22602), (303, 22680), (306, 22698), (318, 22737), (330, 22794), (346, 22860), (381, 22962),

Gene: Vortex_22 Start: 16785, Stop: 17522, Start Num: 99

Candidate Starts for Vortex_22:

(Start: 99 @16785 has 367 MA's), (158, 16899), (160, 16905), (Start: 164 @16914 has 12 MA's), (165, 16923), (214, 17019), (253, 17091), (255, 17097), (258, 17109), (275, 17160), (300, 17241), (306, 17274), (308, 17280), (329, 17361), (330, 17373), (335, 17397), (341, 17424), (361, 17499), (368, 17514),

Gene: WaddleDee_72 Start: 47213, Stop: 47902, Start Num: 164

Candidate Starts for WaddleDee_72:

(Start: 164 @47213 has 12 MA's), (297, 47576), (316, 47654), (318, 47660), (326, 47687), (329, 47708), (339, 47759),

Gene: Waleliano_20 Start: 17693, Stop: 18436, Start Num: 99

Candidate Starts for Waleliano_20:

(Start: 99 @17693 has 367 MA's), (160, 17804), (163, 17810), (177, 17858), (246, 17987), (260, 18032), (269, 18059), (277, 18083), (284, 18095), (292, 18125), (303, 18170), (308, 18194), (335, 18311), (341, 18338), (351, 18383), (355, 18395), (361, 18413), (368, 18428),

Gene: Wallhey_21 Start: 16635, Stop: 17372, Start Num: 99

Candidate Starts for Wallhey_21:

(Start: 99 @16635 has 367 MA's), (158, 16749), (160, 16755), (Start: 164 @16764 has 12 MA's), (165, 16773), (214, 16869), (253, 16941), (255, 16947), (258, 16959), (275, 17010), (300, 17091), (306, 17124), (308, 17130), (329, 17211), (330, 17223), (335, 17247), (341, 17274), (361, 17349), (368,

17364),

Gene: Waterdiva_22 Start: 17070, Stop: 17807, Start Num: 99

Candidate Starts for Waterdiva_22:

(Start: 99 @17070 has 367 MA's), (Start: 122 @17112 has 34 MA's), (158, 17184), (160, 17190), (Start: 164 @17199 has 12 MA's), (165, 17208), (214, 17304), (253, 17376), (255, 17382), (258, 17394), (275, 17445), (300, 17526), (306, 17559), (308, 17565), (329, 17646), (330, 17658), (335, 17682), (341, 17709), (361, 17784), (368, 17799),

Gene: Wayne3_32 Start: 21252, Stop: 22100, Start Num: 110

Candidate Starts for Wayne3_32:

(Start: 110 @21252 has 51 MA's), (139, 21315), (152, 21345), (172, 21408), (196, 21465), (202, 21477), (236, 21558), (269, 21666), (303, 21789), (306, 21807), (351, 21999),

Gene: Weher20_22 Start: 17063, Stop: 17800, Start Num: 99

Candidate Starts for Weher20_22:

(Start: 99 @17063 has 367 MA's), (158, 17177), (160, 17183), (Start: 164 @17192 has 12 MA's), (165, 17201), (214, 17297), (253, 17369), (255, 17375), (258, 17387), (275, 17438), (300, 17519), (306, 17552), (308, 17558), (329, 17639), (330, 17651), (335, 17675), (341, 17702), (361, 17777), (368, 17792),

Gene: West99_24 Start: 19250, Stop: 20035, Start Num: 93

Candidate Starts for West99_24:

(Start: 93 @19250 has 34 MA's), (138, 19361), (155, 19397), (Start: 161 @19418 has 3 MA's), (163, 19421), (177, 19469), (193, 19505), (253, 19607), (260, 19634), (263, 19643), (269, 19661), (276, 19682), (303, 19775), (308, 19799), (314, 19820), (329, 19877), (330, 19889), (331, 19892), (338, 19922), (349, 19973), (366, 20024),

Gene: WheelerS25_36 Start: 22012, Stop: 22860, Start Num: 110

Candidate Starts for WheelerS25_36:

(Start: 110 @22012 has 51 MA's), (139, 22075), (152, 22105), (172, 22168), (196, 22225), (202, 22237), (236, 22318), (269, 22426), (303, 22549), (306, 22567), (330, 22669), (359, 22786),

Gene: Wheelie_30 Start: 20570, Stop: 21418, Start Num: 110

Candidate Starts for Wheelie_30:

(Start: 110 @20570 has 51 MA's), (139, 20633), (152, 20663), (172, 20726), (196, 20783), (202, 20795), (236, 20876), (269, 20984), (303, 21107), (306, 21125), (351, 21317),

Gene: Wilca_30 Start: 19494, Stop: 20336, Start Num: 110

Candidate Starts for Wilca_30:

(103, 19479), (Start: 110 @19494 has 51 MA's), (139, 19560), (152, 19590), (196, 19710), (236, 19803), (265, 19896), (294, 19998), (303, 20031), (310, 20064), (340, 20187), (351, 20235), (368, 20280),

Gene: Wilde_26 Start: 18237, Stop: 18953, Start Num: 146

Candidate Starts for Wilde_26:

(Start: 146 @18237 has 19 MA's), (163, 18282), (177, 18324), (198, 18369), (202, 18378), (222, 18417), (233, 18444), (260, 18531), (277, 18582), (291, 18621), (303, 18654), (317, 18708), (318, 18711), (327, 18741), (333, 18783), (343, 18822), (349, 18855), (359, 18891), (368, 18909),

Gene: Windsor_21 Start: 16738, Stop: 17475, Start Num: 99

Candidate Starts for Windsor_21:

(Start: 99 @16738 has 367 MA's), (158, 16852), (160, 16858), (Start: 164 @16867 has 12 MA's), (165, 16876), (214, 16972), (253, 17044), (255, 17050), (258, 17062), (275, 17113), (300, 17194), (306, 17227), (308, 17233), (329, 17314), (330, 17326), (335, 17350), (341, 17377), (350, 17419), (361, 17452), (368, 17467),

Gene: Wizard_23 Start: 16077, Stop: 16847, Start Num: 122

Candidate Starts for Wizard_23:

(84, 15984), (Start: 122 @16077 has 34 MA's), (139, 16119), (170, 16200), (222, 16305), (253, 16380), (255, 16386), (260, 16407), (263, 16416), (276, 16455), (285, 16476), (320, 16617), (322, 16626), (353, 16767), (355, 16773), (381, 16830),

Gene: Wooper_21 Start: 16985, Stop: 17728, Start Num: 92

Candidate Starts for Wooper_21:

(Start: 92 @16985 has 8 MA's), (Start: 99 @17009 has 367 MA's), (Start: 107 @17027 has 20 MA's), (Start: 122 @17051 has 34 MA's), (150, 17084), (158, 17105), (160, 17111), (165, 17129), (172, 17150), (210, 17219), (214, 17225), (269, 17354), (305, 17474), (350, 17672), (355, 17687), (361, 17705),

Gene: Xavier_21 Start: 16788, Stop: 17525, Start Num: 99

Candidate Starts for Xavier_21:

(Start: 99 @16788 has 367 MA's), (Start: 122 @16830 has 34 MA's), (158, 16902), (160, 16908), (Start: 164 @16917 has 12 MA's), (165, 16926), (214, 17022), (253, 17094), (255, 17100), (258, 17112), (275, 17163), (300, 17244), (306, 17277), (308, 17283), (329, 17364), (330, 17376), (335, 17400), (341, 17427), (350, 17469), (361, 17502), (368, 17517),

Gene: Xincheng_19 Start: 17148, Stop: 17891, Start Num: 99

Candidate Starts for Xincheng_19:

(15, 16626), (22, 16740), (83, 17106), (Start: 99 @17148 has 367 MA's), (160, 17259), (163, 17265), (177, 17313), (246, 17442), (253, 17460), (260, 17487), (269, 17514), (284, 17550), (292, 17580), (303, 17625), (308, 17649), (341, 17793), (351, 17838), (355, 17850), (361, 17868), (368, 17883),

Gene: Xkcd426_23 Start: 25110, Stop: 25982, Start Num: 109

Candidate Starts for Xkcd426_23:

(Start: 109 @25110 has 14 MA's), (119, 25128), (137, 25167), (175, 25275), (177, 25281), (228, 25386), (232, 25401), (255, 25470), (261, 25494), (269, 25518), (270, 25521), (294, 25626), (303, 25662), (308, 25686), (329, 25764), (335, 25806), (349, 25869), (355, 25890), (365, 25917), (368, 25923), (370, 25926),

Gene: YDN12_18 Start: 17676, Stop: 18536, Start Num: 109

Candidate Starts for YDN12_18:

(7, 17064), (17, 17199), (21, 17235), (27, 17280), (41, 17406), (43, 17418), (87, 17619), (Start: 109 @17676 has 14 MA's), (226, 17931), (228, 17940), (232, 17955), (258, 18036), (263, 18054), (266, 18060), (269, 18072), (270, 18075), (283, 18117), (294, 18180), (297, 18189), (303, 18216), (310, 18249), (335, 18360), (339, 18375), (343, 18390), (349, 18423), (365, 18471), (368, 18477),

Gene: Yago84_19 Start: 15903, Stop: 16631, Start Num: 107

Candidate Starts for Yago84_19:

(31, 15561), (53, 15747), (Start: 88 @15855 has 3 MA's), (Start: 99 @15885 has 367 MA's), (Start: 107 @15903 has 20 MA's), (148, 15987), (Start: 164 @16026 has 12 MA's), (199, 16104), (263, 16239), (268, 16254), (271, 16260), (284, 16293), (330, 16482), (333, 16491), (335, 16506), (338, 16518), (350, 16575), (361, 16608), (366, 16620), (368, 16623),

Gene: Yahalom_23 Start: 17749, Stop: 18489, Start Num: 107

Candidate Starts for Yahalom_23:

(Start: 73 @17656 has 11 MA's), (80, 17674), (Start: 99 @17731 has 367 MA's), (Start: 107 @17749 has 20 MA's), (163, 17869), (200, 17965), (269, 18112), (291, 18172), (304, 18229), (318, 18283), (335, 18364), (338, 18376), (343, 18394), (363, 18469),

Gene: Yeshua_21 Start: 16962, Stop: 17705, Start Num: 92

Candidate Starts for Yeshua_21:

(Start: 92 @16962 has 8 MA's), (Start: 99 @16986 has 367 MA's), (Start: 107 @17004 has 20 MA's), (Start: 122 @17028 has 34 MA's), (150, 17061), (158, 17082), (160, 17088), (165, 17106), (172, 17127), (210, 17196), (214, 17202), (269, 17331), (305, 17451), (350, 17649), (355, 17664), (361, 17682),

Gene: Yeti_31 Start: 17991, Stop: 18905, Start Num: 71

Candidate Starts for Yeti_31:

(Start: 71 @17991 has 42 MA's), (Start: 75 @18003 has 4 MA's), (118, 18093), (175, 18237), (218, 18345), (228, 18372), (230, 18378), (269, 18507), (294, 18591), (323, 18702), (336, 18774), (340, 18792), (355, 18846),

Gene: Yinz_23 Start: 17760, Stop: 18518, Start Num: 99

Candidate Starts for Yinz_23:

(Start: 73 @17685 has 11 MA's), (80, 17703), (Start: 99 @17760 has 367 MA's), (Start: 107 @17778 has 20 MA's), (163, 17898), (165, 17910), (200, 17994), (263, 18123), (269, 18141), (291, 18201), (304, 18258), (318, 18312), (335, 18393), (338, 18405), (343, 18423), (363, 18498),

Gene: YorkOnyx_27 Start: 20413, Stop: 21180, Start Num: 116

Candidate Starts for YorkOnyx_27:

(Start: 116 @20413 has 85 MA's), (139, 20461), (163, 20518), (165, 20530), (249, 20707), (269, 20767), (285, 20809), (303, 20887), (306, 20905), (317, 20941), (330, 21001), (346, 21067), (377, 21160),

Gene: Yoshand_22 Start: 17077, Stop: 17814, Start Num: 99

Candidate Starts for Yoshand_22:

(Start: 99 @17077 has 367 MA's), (158, 17191), (160, 17197), (Start: 164 @17206 has 12 MA's), (165, 17215), (214, 17311), (253, 17383), (255, 17389), (258, 17401), (275, 17452), (300, 17533), (306, 17566), (308, 17572), (329, 17653), (330, 17665), (335, 17689), (341, 17716), (350, 17758), (361, 17791), (368, 17806),

Gene: YouGoGlencoco_22 Start: 17066, Stop: 17803, Start Num: 99

Candidate Starts for YouGoGlencoco_22:

(Start: 99 @17066 has 367 MA's), (158, 17180), (160, 17186), (Start: 164 @17195 has 12 MA's), (165, 17204), (214, 17300), (253, 17372), (255, 17378), (258, 17390), (275, 17441), (300, 17522), (306, 17555), (308, 17561), (329, 17642), (330, 17654), (335, 17678), (341, 17705), (350, 17747), (361, 17780), (368, 17795),

Gene: YungMoney_25 Start: 17365, Stop: 18135, Start Num: 122

Candidate Starts for YungMoney_25:

(Start: 122 @17365 has 34 MA's), (170, 17488), (177, 17512), (253, 17668), (255, 17674), (263, 17704), (353, 18055), (381, 18118),

Gene: Zagie_31 Start: 20693, Stop: 21541, Start Num: 110

Candidate Starts for Zagie_31:

(Start: 110 @20693 has 51 MA's), (139, 20756), (152, 20786), (172, 20849), (196, 20906), (202, 20918), (236, 20999), (269, 21107), (303, 21230), (306, 21248), (351, 21440),

Gene: Zaider_23 Start: 17302, Stop: 18039, Start Num: 99

Candidate Starts for Zaider_23:

(Start: 99 @17302 has 367 MA's), (158, 17416), (160, 17422), (Start: 164 @17431 has 12 MA's), (165, 17440), (214, 17536), (253, 17608), (255, 17614), (258, 17626), (275, 17677), (300, 17758), (306, 17791), (308, 17797), (329, 17878), (330, 17890), (335, 17914), (341, 17941), (350, 17983), (361, 18016), (368, 18031),

Gene: Zapato_30 Start: 17833, Stop: 18750, Start Num: 71

Candidate Starts for Zapato_30:

(Start: 71 @17833 has 42 MA's), (118, 17935), (170, 18061), (215, 18184), (228, 18217), (258, 18316), (294, 18436), (300, 18457), (303, 18472), (323, 18547), (336, 18619), (340, 18637), (355, 18691), (368, 18718),

Gene: Zelda_22 Start: 17071, Stop: 17808, Start Num: 99

Candidate Starts for Zelda_22:

(Start: 99 @17071 has 367 MA's), (Start: 122 @17113 has 34 MA's), (158, 17185), (160, 17191), (Start: 164 @17200 has 12 MA's), (165, 17209), (214, 17305), (253, 17377), (255, 17383), (258, 17395), (275, 17446), (300, 17527), (306, 17560), (308, 17566), (329, 17647), (330, 17659), (335, 17683), (341, 17710), (361, 17785), (368, 17800),

Gene: Zemanar_21 Start: 17693, Stop: 18436, Start Num: 99

Candidate Starts for Zemanar_21:

(Start: 99 @17693 has 367 MA's), (160, 17804), (163, 17810), (177, 17858), (246, 17987), (260, 18032), (269, 18059), (277, 18083), (284, 18095), (292, 18125), (303, 18170), (308, 18194), (335, 18311), (341, 18338), (351, 18383), (355, 18395), (361, 18413), (368, 18428),

Gene: Zenteno07_26 Start: 17503, Stop: 18252, Start Num: 99

Candidate Starts for Zenteno07_26:

(Start: 99 @17503 has 367 MA's), (Start: 122 @17545 has 34 MA's), (Start: 164 @17632 has 12 MA's), (205, 17725), (263, 17854), (269, 17872), (276, 17893), (303, 17983), (308, 18007), (330, 18103), (341, 18154), (368, 18244),

Gene: Zhafia_33 Start: 21048, Stop: 21896, Start Num: 110

Candidate Starts for Zhafia_33:

(Start: 110 @21048 has 51 MA's), (139, 21111), (152, 21141), (172, 21204), (196, 21261), (202, 21273), (236, 21354), (269, 21462), (303, 21585), (306, 21603), (351, 21795),

Gene: Zipp_26 Start: 21241, Stop: 22032, Start Num: 116

Candidate Starts for Zipp_26:

(Start: 116 @21241 has 85 MA's), (170, 21370), (212, 21466), (265, 21604), (285, 21661), (292, 21691), (318, 21796), (330, 21853), (336, 21883), (346, 21919), (353, 21952), (368, 21991),

Gene: Zitch_27 Start: 19017, Stop: 19808, Start Num: 116

Candidate Starts for Zitch_27:

(Start: 116 @19017 has 85 MA's), (170, 19146), (212, 19242), (285, 19437), (292, 19467), (318, 19572), (330, 19629), (336, 19659), (346, 19695), (353, 19728), (368, 19767),

Gene: Zonia_22 Start: 17085, Stop: 17822, Start Num: 99

Candidate Starts for Zonia_22:

(Start: 99 @17085 has 367 MA's), (158, 17199), (160, 17205), (Start: 164 @17214 has 12 MA's), (165, 17223), (214, 17319), (253, 17391), (255, 17397), (258, 17409), (275, 17460), (300, 17541), (306, 17574), (308, 17580), (329, 17661), (330, 17673), (335, 17697), (341, 17724), (361, 17799), (368,

17814),

Gene: Zooman_76 Start: 46555, Stop: 47307, Start Num: 143

Candidate Starts for Zooman_76:

(Start: 143 @46555 has 7 MA's), (153, 46579), (171, 46636), (208, 46726), (313, 47044), (318, 47059), (337, 47155), (348, 47206), (350, 47215), (372, 47272),

Gene: phiAsp2_19 Start: 12199, Stop: 13014, Start Num: 111

Candidate Starts for phiAsp2_19:

(Start: 111 @12199 has 1 MA's), (126, 12223), (175, 12352), (253, 12520), (260, 12547), (263, 12556), (266, 12562), (269, 12574), (278, 12598), (280, 12604), (292, 12655), (309, 12733), (330, 12817), (335, 12841), (339, 12853), (348, 12895), (349, 12898), (351, 12907), (368, 12952), (384, 12988), (386, 12994),