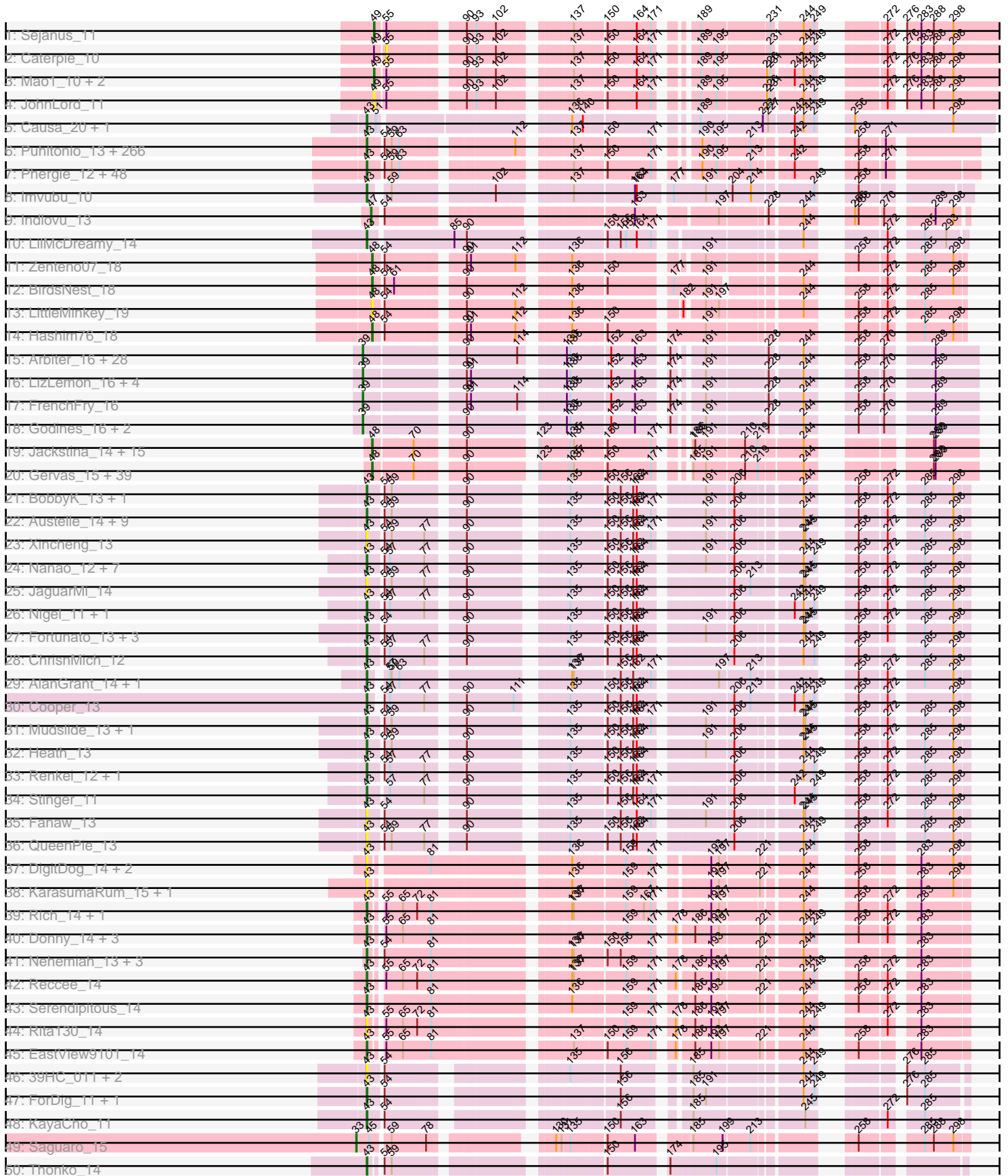
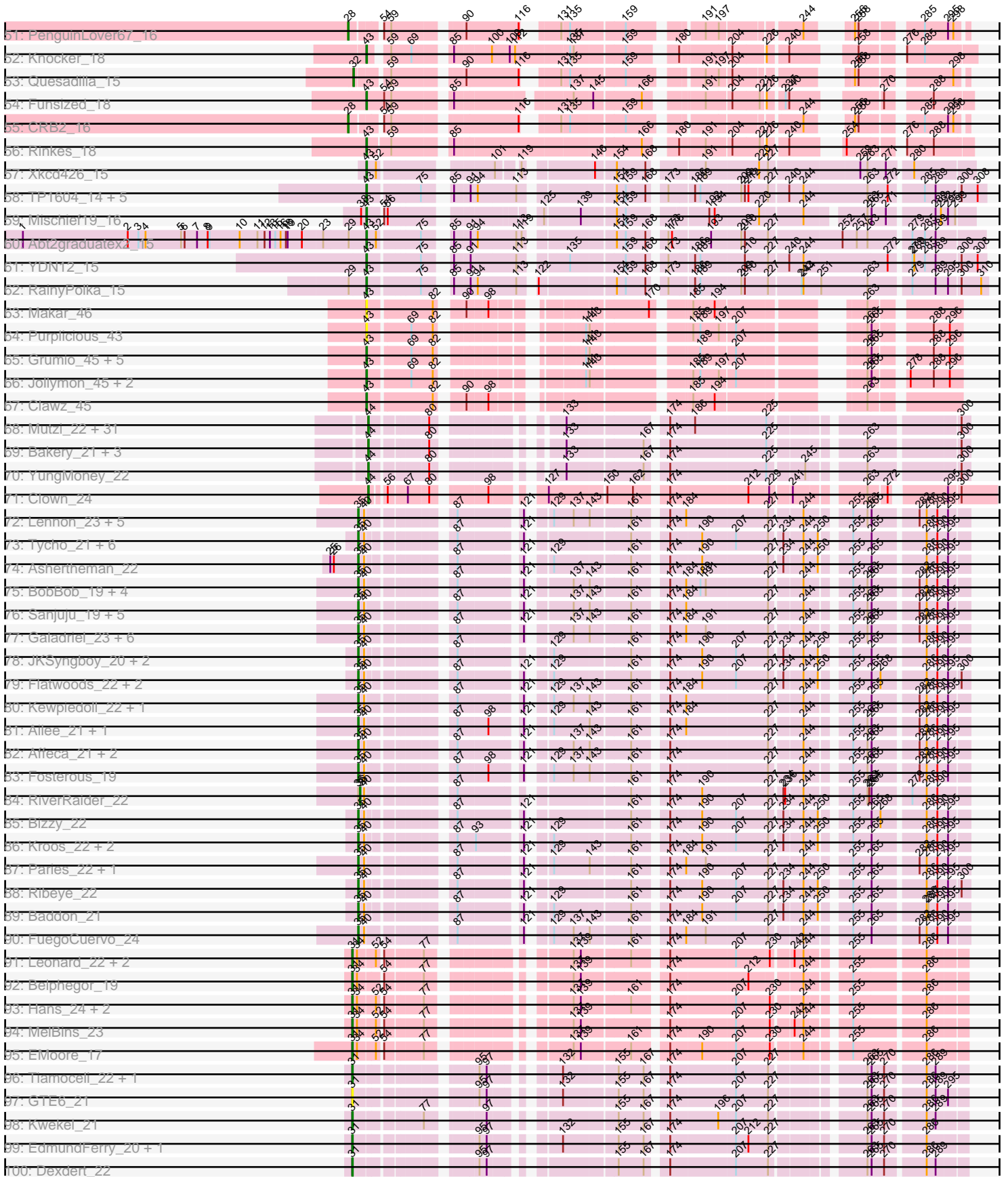


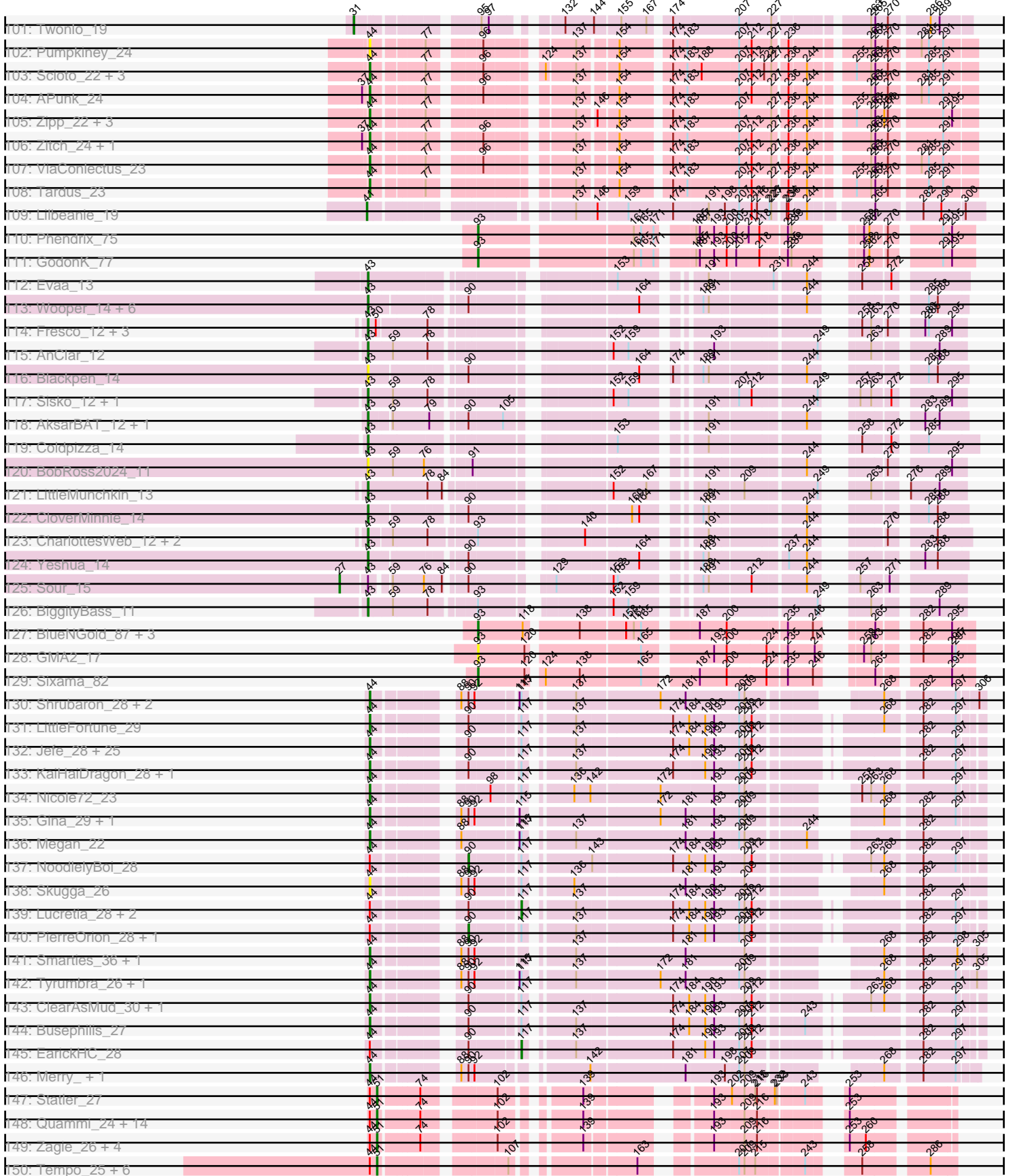
Pham 311021



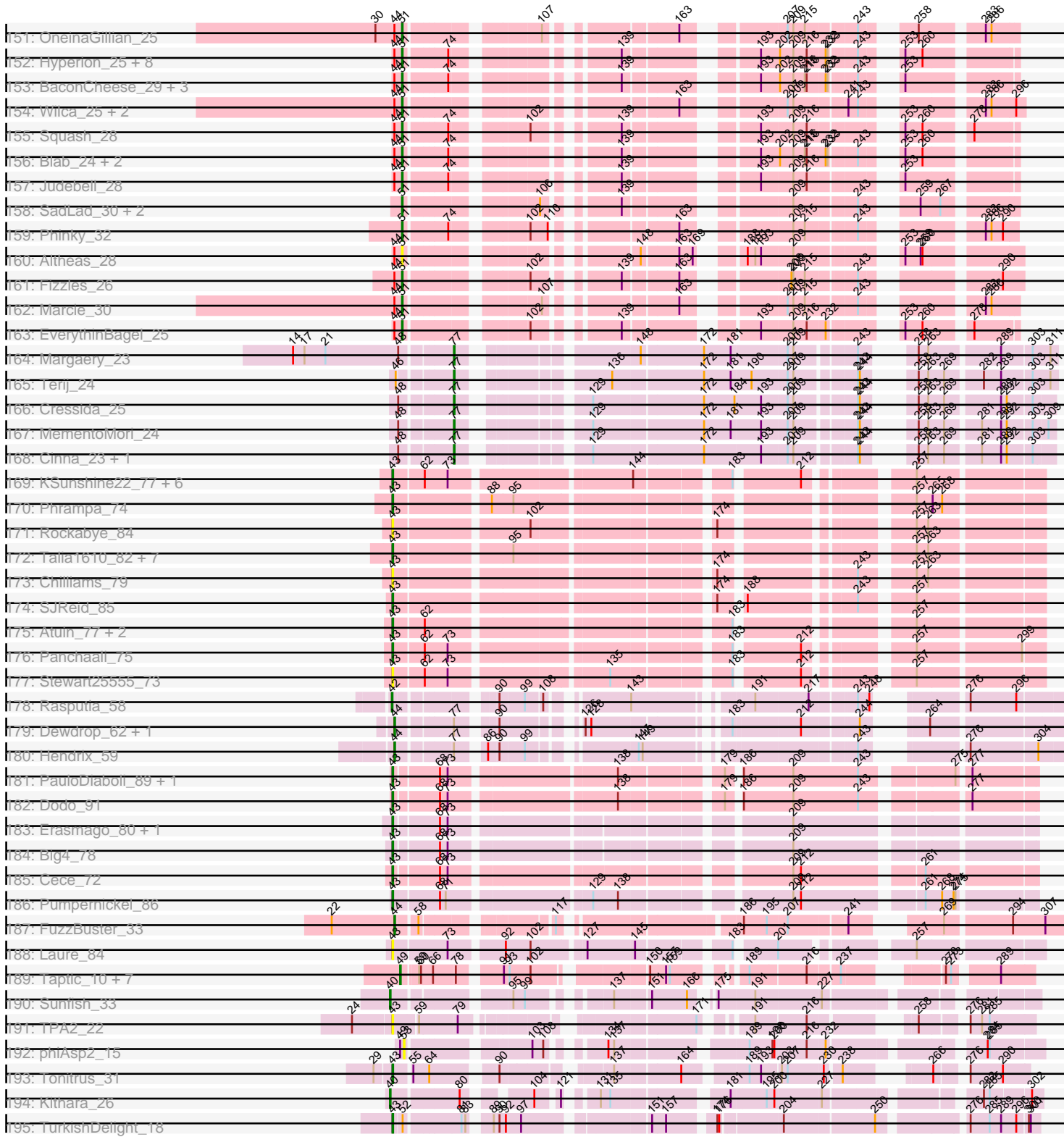
Pham 311021



Pham 311021



Pham 311021



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 311021 Report

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

Pham number 311021 has 852 members, 112 are drafts.

Phages represented in each track:

- Track 1 : Sejanus_11
- Track 2 : Caterpie_10
- Track 3 : Mao1_10, Dori_11, Mask_11
- Track 4 : JohnLord_11
- Track 5 : Causa_20, StAugustine_18
- Track 6 : Puhltonio_13, Soto_13, HSavage_13, HenryJackson_12, Sheila_13, Gyarad_0013, Cornobble_12, Fringe_13, Numberten_13, Vaishali24_12, Carthage_12, Doddsville_13, OliverWalter_13, Dione_12, Mesmerelda_12, FluffyNinja_13, Chaelin_12, Yoshand_13, Etaye_13, Virgeve_12, Toni_12, Vivaldi_13, Zaider_14, Simielle_12, Plmatters_13, Beaglebox_12, Newman_13, Khan1_13, AbsoluteMadLad_12, Karn_12, JakeO_12, CheetO_13, Piglet_0012, Squid_13, CamL_13, Daffy_13, Roscoe_14, Antonia_12, Mosaic_12, DelRivs_12, Serpentine_0013, KlimbOn_13, SallyH_13, BlueHusk_13, Hamish_13, Suffolk_13, ShadowBud_13, Mikota_13, Rimu_13, ThreeOh3D2_13, Sophia_12, Grand2040_12, DonSanchon_12, PhatLouie_13, Badfish_13, FugateOSU_12, Jesabah_13, Solosis_12, Mutante_12, Keitherie_13, Crownjwl_13, Maru_12, Aelin_12, Serendipity_13, Inchworm_13, Placalicious_12, Dati_13, Flake_13, Haimas_13, DirtJuice_13, Oline_12, Jiraiya_12, Riverton_13, Orwigg_12, Jillium_12, Altwerkus_12, Nicole21_13, Giraffe_13, Chorkpop_13, Hetaeria_13, Slatt_13, Podrick_13, Burr_12, KLucky39_13, Kikipoo_13, MrPhizzler_13, DaddyDaniels_13, Chipette_14, Valjean_13, Virapocalypse_13, Pipsqueak_13, UncleHowie_13, Pherdinand_13, Childish_12, NiaNia_13, MiniBoss_13, Aonishiki_13, Soile_13, Ricotta_12, Mulan_12, Prickles_13, Duggie_12, IsaacEli_13, OSmaximus_13, Schueller_12, Gophee_13, Gwilliam_13, Horchata_13, RedRaider89_14, Mana_12, Magic8_13, Morgushi_13, Timmi_12, Olak_12, FleetyMac_12, Boehler_13, Thunderbird_12, PinheadLarry_13, Vista_13, JangoPhett_13, DoesntMatter_13, SDcharge11_13, BlackStallion_13, Durga_13, Riggan_13, Bishoperium_12, UAch1_13, Mesh1_13, Mecca_12, Fang_13, Happabalu_13, TomBombadil_13, Quisquilliae_13, Phipps_13, Craff_13, Kwadwo_12, Melc17_13, Lulwa_13, Manad_12, PhrodoBaggins_12, OneBrain_13, Phamished_13, Gareth_12, Kwksand96_12, Dice_12, JDog_12, GreenChile_13, Robyn_12, FriarPreacher_13, Cannibal_13, Scoot17C_13, Lasso_13, LostAndPhound_12, Lopsy_12, Schadenfreude_12, Katniss_13, Tooj_13, TallGrassMM_13, Kimbrough_13, Haleema_12, Freya_12, ProfessorX_13, Pacifista_12, AltPhacts_13, Orion_13, Xavier_12, SassyCat97_12, Emiris_13, Charles1_13, PG1_13, Vortex_13, Cobra_13, Megatron_13, Iridessa_13, Telesworld_12, Omniscient_13, LeeLot_13, QueenBeane_13, Murdoc_13, DolOn_14, KingTut_12, HogWash_12,

Vaticameos_13, ElvisPhasley_13, Chuni_12, Brilliant_13, Bluephacebaby_12, Potter_12, Pops_13, Chunky_13, EmGer13_12, Held_13, Iridoclysis_13, FremontTroll_13, Nacho_0013, CampRoach_13, Dingo_13, Oosterbaan_13, Windsor_12, Roliet_13, Anderson_13, Harvey_13, Lego3393_13, Legolas_12, Tomlarah_13, MitKao_13, Nyala_12, GeneCoco_13, Spartan300_13, Phareon_13, LemonSlice_13, Chah_13, SilverBell_13, Triad_13, Inverness_13, Hertubise_13, Fozzie_12, Jiminy_12, Zelda_13, Banjo_12, EmpTee_13, Samaymay_13, SirBeauregard_12, Morty_13, Eugenia_13, Selr12_13, Adriana_13, MRabcd_12, Thora_13, HighStump_12, LasagnaCat_13, Frankicide_13, Eremos_13, Hekos_12, Basato_14, Cornbread_12, Apizium_12, LuckyMarjie_12, Daka_13, Matalotodo_13, Larson_14, KingVeVeVe_13, Cher_12, Buckeye_13, TooFast2Furius_14, Aleia_13, Trypo_13, Colbert_13, RedMaple_12, Plata_12, Skippy_13, Kahve_12, Usavi_13, Swiphy_13, LeiMonet_13, Weher20_13, Squiggle_13, YouGoGlencoco_13, Nova1_12, Surely_13, Cosmolli16_12, Megamind20_13, Mcshane_12, Kloppinator_13, Lehmann_13, Nathan_13, PhatCats2014_13

- Track 7 : Phergie_12, Struggle_12, JacAttac_13, Orfeu_12, Andre_13, Hocus_12, Hartsy_13, ABU_13, AngelCake_13, PhenghisKhan_12, ImtiyazSitla_12, Roy17_13, Maskar_12, BlacksBerry_12, Labeouficaum_12, CharlieGBrown_12, BatteryCK_12, Gwennie1_13, DuchessDung_12, Pinkman_12, Phleuron_12, Derpp_12, MichaelPhcott_12, PhrankReynolds_12, PallasAthena_13, TyrionL_12, Zonia_13, True_12, Taraxa_13, Sigman_13, MelsMeow_12, Wallhey_12, Waterdiva_13, Chute_12, Mag7_12, Ashraf_12, Lulumae_12, Swish_13, BoogieWoogie_12, Longacauda_12, Olive_13, Lumine_12, Kailash_13, CaspiBoi_12, Scrick_12, Veritas_12, Coletti_13, Phunky_13, ShiVal_13
- Track 8 : Imvubu_10
- Track 9 : Indlovu_13
- Track 10 : LilMcDreamy_14
- Track 11 : Zenteno07_18
- Track 12 : BirdsNest_18
- Track 13 : LittleMinkey_19
- Track 14 : Hashim76_18
- Track 15 : Arbiter_16, Kheth_16, Ares_16, Eaglehorse_16, ItsyBitsy1_16, Lephleur_16, Calamitous_16, Blocker23_16, Phantasmagoria_16, Boyle_16, Rhinoforte_16, LilSmirk_16, Faze9_16, TA17A_16, Lars_16, Kaleb_16, Tres_16, Brownie5_16, Rosebush_16, Tinciduntolum_17, Qyrzula_15, West99_16, Hedgerow_16, Kolhan_16, Sabella_16, MasterPo_16, Opia_16, Allegro_16, Bananafish_16
- Track 16 : LizLemon_16, Laurie_16, Vic9_00016, PrinceCharming_16, Glass_16
- Track 17 : FrenchFry_16
- Track 18 : Godines_16, Holeinone_16, Coffee_16
- Track 19 : Jackstina_14, Yinz_15, Shenandoah_15, HarveySr_15, Briakila_15, Compostia_16, Heathcliff_15, Daisy_15, Corofin_15, RomaT_15, Philly_14, SlippinJimmy_15, Olivio_14, Chandler_15, LestyG_15, Pipefish_15
- Track 20 : Gervas_15, SynergyX_15, GlenHope_16, RagingRooster_15, Chentzyk_14, Audrey_15, Bernardo_15, Casbah_14, Ben11_14, Neos5_15, Gadget_16, Baloo_15, Deenasa_15, Chalmers_15, SwainyDoc_15, Kronus_14, Halfpint_14, Athena_16, Nozo_15, ChaChing_15, Akoma_15, Rita1961_15, Yahalom_15, Morty007_15, Glubnar_15, Mortcellus_14, Marlia_15, Kamiyu_15, Mulaychimus_15, Marley1013_15, OrangeOswald_15, Phlyer_15, Tydolla_15, TinyTerror_15, Abinghost_15, Devonte_15, Obutu_15, MmasiCarm_15, Phayeta_15, Phaedrus_14
- Track 21 : BobbyK_13, Frederick_13

- Track 22 : Austelle_14, RawrgerThat_13, JoyceMaria_13, Hydro_13, Mithril_13, Lolalove_13, Hangman_13, Zemanar_14, Waleliano_13, BrownCNA_14
- Track 23 : Xincheng_13
- Track 24 : Nanao_12, Lambano_12, Epah_12, Hally898_12, Poster_12, GinPorsche_12, Antihero_12, Ahwei_12
- Track 25 : JaguarMi_14
- Track 26 : Nigel_11, JAMaL_13
- Track 27 : Fortunato_13, Apex_13, Magpie_13, VioletZ_13
- Track 28 : ChrisnMich_12
- Track 29 : AlanGrant_14, Vincenzo_14
- Track 30 : Cooper_13
- Track 31 : Mudslide_13, Prince_13
- Track 32 : Heath_13
- Track 33 : Renkei_12, LittleDigger_12
- Track 34 : Stinger_11
- Track 35 : Fanaw_13
- Track 36 : QueenPie_13
- Track 37 : DigitDog_14, Shenyu_14, Nangang_14
- Track 38 : KarasumaRum_15, StinkyVeggy_15
- Track 39 : Rich_14, Bae_14
- Track 40 : Donny_14, Suigeneris_14, Acadian_14, SirJeffery_14
- Track 41 : Nehemiah_13, Reprobate_14, Phelemich_14, Mysterious_14
- Track 42 : Reccee_14
- Track 43 : Serendipitous_14
- Track 44 : Rita130_14
- Track 45 : EastView9101_14
- Track 46 : 39HC_011, 40BC_011, Hosp_09
- Track 47 : ForDig_11, Jolie1_011
- Track 48 : KayaCho_11
- Track 49 : Saguaro_15
- Track 50 : Thonko_14
- Track 51 : PenguinLover67_16
- Track 52 : Knocker_18
- Track 53 : Quesadilla_15
- Track 54 : Funsized_18
- Track 55 : CRB2_16
- Track 56 : Rinkes_18
- Track 57 : Xkcd426_15
- Track 58 : TP1604_14, Asis_14, BayC_14, BabyGotBac_14, Maih_14, Salete_14
- Track 59 : Mischief19_16
- Track 60 : Abt2graduatex2_15
- Track 61 : YDN12_15
- Track 62 : RainyPolka_15
- Track 63 : Makar_46
- Track 64 : Purplicious_43
- Track 65 : Grumio_45, Stillion_45, Sting_44, KingstonB_43, DonTron_45, Soos_41
- Track 66 : Jollymon_45, ColdSoup_46, Amo99_46
- Track 67 : Clawz_45
- Track 68 : Mutzi_22, TillyBobJoe_20, Egi03_20, ClamChowder_22, Sendy_21, Gezellig_20, KimmyK_22, PinkCoffee_22, Evamon_20, Jambalaya_20, Salvador_20, Arri_23, VanDeWege_23, Valary_23, Togo_20, Danyall_22, JohnPork_20, CherryCola_23, Twister6_22, Phlop_20, Savbucketdawg_20, Wizard_20, Barb_22, RogerDodger_23, Portcullis_20, PullumCavea_20, Fugax_22, CoveyB_22, Nubi_20,

Shinji_20, Fireball_21, SmokingBunny_20

- Track 69 : Bakery_21, Halo3_21, SharkTale_20, Sixsevenium_21
- Track 70 : YungMoney_22
- Track 71 : Clown_24
- Track 72 : Lennon_23, Bibwit_22, Barsten_22, Stultus_21, Sedona_23, Sitar_23
- Track 73 : Tycho_21, Gaea_21, Baumdotcom_21, Gustavo_21, Kwobi_23, Saronaya_21, YorkOnyx_22
- Track 74 : Ashertheman_22
- Track 75 : BobBob_19, Charming_19, Tangent_19, Shivanishola_21, McCrothy_22
- Track 76 : Sanjuju_19, Brawn1_19, ChadMasterC_21, Jabberwocky_19, Kamashten_22, Thing3_22
- Track 77 : Galadriel_23, MoontowerMania_20, McKinley_22, Rofo_21, Love_23, Vivi2_21, Nordenberg_16
- Track 78 : JKSyngboy_20, SchottB_20, LilHam_19
- Track 79 : Flatwoods_22, Derg_17, Stichling_20
- Track 80 : Kewpiedoll_22, Geodirt_20
- Track 81 : Ailee_21, Keitabear_23
- Track 82 : Affeca_21, Angelicage_21, Fitzgerald_19
- Track 83 : Fosterous_19
- Track 84 : RiverRaider_22
- Track 85 : Bizzy_22
- Track 86 : Kroos_22, StorminNorm_21, Tangerine_21
- Track 87 : Paries_22, Brandonk123_23
- Track 88 : Ribeye_22
- Track 89 : Baddon_21
- Track 90 : FuegoCuervo_24
- Track 91 : Leonard_22, Ali17_20, Phinally_22
- Track 92 : Belphegor_19
- Track 93 : Hans_24, Phauci_15, Inspectinfecti_23
- Track 94 : MelBins_23
- Track 95 : EMoore_17
- Track 96 : Tiamoceli_22, Chickadee_21
- Track 97 : GTE6_21
- Track 98 : Kwekel_21
- Track 99 : EdmundFerry_20, RoadKill_19
- Track 100 : Dexdert_22
- Track 101 : Twonlo_19
- Track 102 : Pumpkiney_24
- Track 103 : Scioto_22, Natkenzie_22, Abblin_22, Sampson_22
- Track 104 : APunk_24
- Track 105 : Zipp_22, Delrey21_22, DoctorFroggo_22, Verity_22
- Track 106 : Zitch_24, BigHunkinEater_25
- Track 107 : ViaConlectus_23
- Track 108 : Tardus_23
- Track 109 : Lilbeanie_19
- Track 110 : Phendrix_75
- Track 111 : GodonK_77
- Track 112 : Evaa_13
- Track 113 : Wooper_14, TraderJ_14, CaiB_14, MakoManhole_14, FelixTres_14, MossRose_14, AnarQue_14
- Track 114 : Fresco_12, Ligma_12, Axumite_12, Shatter_12
- Track 115 : AnClar_12
- Track 116 : Blackpen_14

- Track 117 : Sisko_12, Yago84_12
- Track 118 : AksarBAT_12, NHagos_12
- Track 119 : Coldpizza_14
- Track 120 : BobRoss2024_11
- Track 121 : LittleMunchkin_13
- Track 122 : CloverMinnie_14
- Track 123 : CharlottesWeb_12, Mariokart_12, JellyBelly_12
- Track 124 : Yeshua_14
- Track 125 : Sour_15
- Track 126 : BiggityBass_11
- Track 127 : BlueNGold_87, Boopy_88, Forza_88, Mareelih_86
- Track 128 : GMA2_17
- Track 129 : Sixama_82
- Track 130 : Shrubaron_28, RobsFeet_29, Metamorphoo_28
- Track 131 : LittleFortune_29
- Track 132 : Jefe_28, Yeti_28, Hermeonysus_27, Onika_27, Phrancesco_28, Selwyn23_29, BrazzalePHS_27, Germa_29, Kowalski_27, Cranjjs_29, Jollipop_28, Pulchra_29, Glorp_29, Shotgun_27, Paschalis_27, Rockwell_27, Ramiel05_27, Phorgeous_27, Piperis_28, Honeyfin_29, Quhwah_31, PiperSansNom_28, Savannah_27, Antares_28, Scumberland_29, CrazyRich_27
- Track 133 : KaiHaiDragon_28, Crisis_29
- Track 134 : Nicole72_23
- Track 135 : Gina_29, Teamocil_29
- Track 136 : Megan_22
- Track 137 : NoodlelyBoi_28
- Track 138 : Skugga_26
- Track 139 : Lucretia_28, BeagleBug_27, PhedwardCullen_27
- Track 140 : PierreOrion_28, Ganandorf_27
- Track 141 : Smarties_36, Ariadne_36
- Track 142 : Tyumbra_26, Fireman_28
- Track 143 : ClearAsMud_30, SirFrank_27
- Track 144 : Busephilis_27
- Track 145 : EarickHC_28
- Track 146 : Merry_, Sunny_
- Track 147 : Statler_27
- Track 148 : Quammi_24, Teehee_27, FrankDeliGuy_23, Lonelysoil_25, Wayne3_27, Rudy_24, Sillytadpoles_25, Phabia_26, Casend_27, Jehoshaphat_28, Viceroy_25, Llemily_25, Zhafia_28, Wheelie_25, DonaldDuck_25
- Track 149 : Zagie_26, SlySloth_28, Nike_26, BabyDotz_25, Rowlf_22
- Track 150 : Tempo_25, Romm_27, CandC_24, RobinRose_27, KillerQueen_26, Kelcole_24, Fregley_26
- Track 151 : OneinaGillian_25
- Track 152 : Hyperion_25, Grassboy_27, Mashley_24, StrawberryJamm_28, AluminumJesus_24, Mentos_30, Namago_26, Kyva_28, Gazebo_25
- Track 153 : BaconCheese_29, Mila11_29, WheelerS25_31, MorillMayhem_26
- Track 154 : Wilca_25, BirdInFrench_25, Pepe25_24
- Track 155 : Squash_28
- Track 156 : Blab_24, Tissue_26, SallyK_27
- Track 157 : Judebell_28
- Track 158 : SadLad_30, Fransoyer_28, RubyRalph_28
- Track 159 : Phinky_32
- Track 160 : Altheas_28
- Track 161 : Fizzles_26

- Track 162 : Marcie_30
- Track 163 : EverythinBagel_25
- Track 164 : Margaery_23
- Track 165 : Terij_24
- Track 166 : Cressida_25
- Track 167 : MementoMori_24
- Track 168 : Cinna_23, Matzah_24
- Track 169 : KSunshine22_77, Ellewin_71, BooTeria_79, Emmetator_75, Artu_75, DunneganBoMo_72, WaddleDee_70
- Track 170 : Phrampa_74
- Track 171 : Rockabye_84
- Track 172 : Talia1610_82, Racecar_83, FloraSnap32_82, Bloom_86, Mimi_82, Patbob_81, FrostedClock_85, GoldenEssence_68
- Track 173 : Chilliams_79
- Track 174 : SJReid_85
- Track 175 : Atuin_77, ReginaGlobina_82, LeoJr_82
- Track 176 : Panchaali_75
- Track 177 : Stewart25555_73
- Track 178 : Rasputia_58
- Track 179 : Dewdrop_62, Leaf_62
- Track 180 : Hendrix_59
- Track 181 : PauloDiaboli_89, A3Wally_89
- Track 182 : Dodo_91
- Track 183 : Erasmago_80, Zooman_74
- Track 184 : Big4_78
- Track 185 : Cece_72
- Track 186 : Pumpernickel_86
- Track 187 : FuzzBuster_33
- Track 188 : Laure_84
- Track 189 : Taptic_10, Argie_11, D12_10, PR_10, Megabear_10, Jeon_10, Cepens_10, GodPhather_11
- Track 190 : Sunfish_33
- Track 191 : TPA2_22
- Track 192 : phiAsp2_15
- Track 193 : Tonitrus_31
- Track 194 : Kithara_26
- Track 195 : TurkishDelight_18

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

The start number called the most often in the published annotations is 43, it was called in 396 of the 740 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 39HC_011, 40BC_011, A3Wally_89, ABU_13, AbsoluteMadLad_12, Abt2graduatex2_15, Acadian_14, Adriana_13, Aelin_12, Ahwei_12, AksarBAT_12, AlanGrant_14, Aleia_13, AltPhacts_13, Altwerkus_12, Amo99_46, AnClar_12, AnarQue_14, Anderson_13, Andre_13, AngelCake_13, Antihero_12, Antonia_12, Aonishiki_13, Apex_13, Apizium_12, Artu_75, Ashraf_12, Asis_14, Atuin_77, Austelle_14, Axumite_12, BabyGotBac_14, Badfish_13, Bae_14, Banjo_12,

Basato_14, BatteryCK_12, BayC_14, Beaglebox_12, Big4_78, BiggityBass_11, Bishoperium_12, BlackStallion_13, Blackpen_14, BlacksBerry_12, Bloom_86, BlueHusk_13, Bluephacebaby_12, BobRoss2024_11, BobbyK_13, Boehler_13, BooTeria_79, BoogieWoogie_12, Brilliant_13, BrownCNA_14, Buckeye_13, Burr_12, CaiB_14, CamL_13, CampRoach_13, Cannibal_13, Carthage_12, Caspiboi_12, Causa_20, Cece_72, Chaelin_12, Chah_13, Charles1_13, CharlieGBrown_12, CharlottesWeb_12, CheetO_13, Cher_12, Childish_12, Chilliams_79, Chipette_14, Chorkpop_13, ChrisnMich_12, Chuni_12, Chunky_13, Chute_12, Clawz_45, CloverMinnie_14, Cobra_13, Colbert_13, ColdSoup_46, Coldpizza_14, Coletti_13, Cooper_13, Cornbread_12, Cornobble_12, Cosmolli16_12, Craff_13, Crownjwl_13, DaddyDaniels_13, Daffy_13, Daka_13, Dati_13, DelRivs_12, Derpp_12, Dice_12, DigitDog_14, Dingo_13, Dione_12, DirtJuice_13, Doddsville_13, Dodo_91, DoesntMatter_13, DolOn_14, DonSanchon_12, DonTron_45, Donny_14, DuchessDung_12, Duggie_12, DunneganBoMo_72, Durga_13, EastView9101_14, Ellewin_71, ElvisPhasley_13, EmGer13_12, Emiris_13, Emmetator_75, EmpTee_13, Epah_12, Erasmago_80, Eremos_13, Etaye_13, Eugenia_13, Evaa_13, Fanaw_13, Fang_13, FelixTres_14, Flake_13, FleetyMac_12, FloraSnap32_82, FluffyNinja_13, ForDig_11, Fortunato_13, Fozzie_12, Frankicide_13, Frederick_13, FremontTroll_13, Fresco_12, Freya_12, FriarPreacher_13, Fringe_13, FrostedClock_85, FugateOSU_12, Funsized_18, Gareth_12, GeneCoco_13, GinPorsche_12, Giraffe_13, GoldenEssence_68, Gophee_13, Grand2040_12, GreenChile_13, Grumio_45, Gwennie1_13, Gwilliam_13, Gyarad_0013, HSavage_13, Haimas_13, Haleema_12, Hally898_12, Hamish_13, Hangman_13, Happabalu_13, Hartsy_13, Harvey_13, Heath_13, Hekos_12, Held_13, HenryJackson_12, Hertubise_13, Hetaeria_13, HighStump_12, Hocus_12, HogWash_12, Horchata_13, Hosp_09, Hydro_13, ImtiyazSitla_12, Imvubu_10, Inchworm_13, Inverness_13, Iridessa_13, Iridoclysis_13, IsaacEli_13, JAMaL_13, JDog_12, JacAttac_13, JaguarMi_14, JakeO_12, JangoPhett_13, JellyBelly_12, Jesabah_13, Jillium_12, Jiminy_12, Jiraiya_12, Jolie1_011, Jollymon_45, JoyceMaria_13, KLucky39_13, KSunshine22_77, Kahve_12, Kailash_13, KarasumaRum_15, Karn_12, Katniss_13, KayaCho_11, Keitherie_13, Khan1_13, Kikipoo_13, Kimbrough_13, KingTut_12, KingVeVeVe_13, KingstonB_43, KlimbOn_13, Kloppinator_13, Knocker_18, Kwadwo_12, Kwksand96_12, Labeouficaum_12, Lambano_12, Larson_14, LasagnaCat_13, Lasso_13, Laure_84, LeeLot_13, Lego3393_13, Legolas_12, Lehmann_13, LeiMonet_13, LemonSlice_13, LeoJr_82, Ligma_12, LilMcDreamy_14, LittleDigger_12, LittleMunchkin_13, Lolalove_13, Longacauda_12, Lopsy_12, LostAndPhound_12, LuckyMarjie_12, Lulumae_12, Lulwa_13, Lumine_12, MRabcd_12, Mag7_12, Magic8_13, Magpie_13, Maih_14, Makar_46, MakoManhole_14, Mana_12, Manad_12, Mariokart_12, Maru_12, Maskar_12, Matalotodo_13, Mcshane_12, Mecca_12, Megamind20_13, Megatron_13, Melc17_13, MelsMeow_12, Mesh1_13, Mesmerelda_12, MichaelPhcott_12, Mikota_13, Mimi_82, MiniBoss_13, Mischief19_16, MitKao_13, Mithril_13, Morgushi_13, Morty_13, Mosaic_12, MossRose_14, MrPhizzler_13, Mudslide_13, Mulan_12, Murdoc_13, Mutante_12, Mysterious_14, NHagos_12, Nacho_0013, Nanao_12, Nangang_14, Nathan_13, Nehemiah_13, Newman_13, NiaNia_13, Nicole21_13, Nigel_11, Nova1_12, Numberten_13, Nyala_12, OSmaximus_13, Olak_12, Oline_12, Olive_13, OliverWalter_13, Omniscient_13, OneBrain_13, Oosterbaan_13, Orfeu_12, Orion_13, Orwigg_12, PG1_13, Pacifista_12, PallasAthena_13, Panchaali_75, Patbob_81, PauloDiaboli_89, Phamished_13, Phareon_13, PhatCats2014_13, PhatLouie_13, Phelemich_14, PhenghisKhan_12, Pherdinand_13, Phergie_12, Phipps_13, Phleuron_12, Phrampa_74, PhrankReynolds_12, PhrodoBaggins_12, Phunky_13, Piglet_0012, PinheadLarry_13, Pinkman_12, Pipsqueak_13, Placalicious_12, Plata_12, Plmatters_13, Podrick_13,

Pops_13, Poster_12, Potter_12, Prickles_13, Prince_13, ProfessorX_13, Puhltonio_13, Pumpnickel_86, Purplicious_43, QueenBeane_13, QueenPie_13, Quisquilliae_13, Racecar_83, RainyPolka_15, RawrgerThat_13, Reccee_14, RedMaple_12, RedRaider89_14, ReginaGlobina_82, Renkei_12, Reprobate_14, Rich_14, Ricotta_12, Riggan_13, Rimu_13, Rinkes_18, Rita130_14, Riverton_13, Robyn_12, Rockabye_84, Roliet_13, Roscoe_14, Roy17_13, SDcharge11_13, SJReid_85, Salete_14, SallyH_13, Samaymay_13, SassyCat97_12, Schadenfreude_12, Schueller_12, Scoot17C_13, Scrick_12, Selr12_13, Serendipitous_14, Serendipity_13, Serpentine_0013, ShadowBud_13, Shatter_12, Sheila_13, Shenyu_14, ShiVal_13, Sigman_13, SilverBell_13, Simielle_12, SirBeauregard_12, SirJeffery_14, Sisko_12, Skippy_13, Slatt_13, Soile_13, Solosis_12, Soos_41, Sophia_12, Soto_13, Spartan300_13, Squid_13, Squiggle_13, StAugustine_18, Stewart25555_73, Stillion_45, Sting_44, Stinger_11, StinkyVeggy_15, Struggle_12, Suffolk_13, Suigeneris_14, Surely_13, Swiphy_13, Swish_13, TP1604_14, TPA2_22, Talia1610_82, TallGrassMM_13, Taraxa_13, Telesworld_12, Thonko_14, Thora_13, ThreeOh3D2_13, Thunderbird_12, Timmi_12, TomBombadil_13, Tomlarah_13, Toni_12, Tonitrus_31, TooFast2Furius_14, Tooj_13, TraderJ_14, Triad_13, True_12, Trypo_13, TurkishDelight_18, TyrionL_12, UAch1_13, UncleHowie_13, Usavi_13, Vaishali24_12, Valjean_13, Vaticameos_13, Veritas_12, Vincenzo_14, VioletZ_13, Virapocalypse_13, Virgeve_12, Vista_13, Vivaldi_13, Vortex_13, WaddleDee_70, Waleliano_13, Wallhey_12, Waterdiva_13, Weher20_13, Windsor_12, Wooper_14, Xavier_12, Xincheng_13, Xkcd426_15, YDN12_15, Yago84_12, Yeshua_14, Yoshand_13, YouGoGlencoco_13, Zaider_14, Zelda_13, Zemanar_14, Zonia_13, Zooman_74,

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

- Sour_15,

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

- APunk_24, Abblin_22, Abinghost_15, Affeca_21, Ailee_21, Akoma_15, Ali17_20, Allegro_16, Altheas_28, AluminumJesus_24, Angelicage_21, Antares_28, Arbiter_16, Ares_16, Argie_11, Ariadne_36, Arri_23, Ashertheman_22, Athena_16, Audrey_15, BabyDotz_25, BaconCheese_29, Baddon_21, Bakery_21, Baloo_15, Bananafish_16, Barb_22, Barsten_22, Baumdotcom_21, BeagleBug_27, Belphegor_19, Ben11_14, Bernardo_15, Bibwit_22, BigHunkinEater_25, BirdInFrench_25, BirdsNest_18, Bizzy_22, Blab_24, Blocker23_16, BlueNGold_87, BobBob_19, Boopy_88, Boyle_16, Brandonk123_23, Brawn1_19, BrazzalePHS_27, Briakila_15, Brownie5_16, Busephilis_27, CRB2_16, Calamitous_16, CandC_24, Casbah_14, Casend_27, Caterpie_10, Cepens_10, ChaChing_15, ChadMasterC_21, Chalmers_15, Chandler_15, Charming_19, Chentzyk_14, CherryCola_23, Chickadee_21, Cinna_23, ClamChowder_22, ClearAsMud_30, Clown_24, Coffee_16, Compostia_16, Corofin_15, CoveyB_22, Cranjis_29, CrazyRich_27, Cressida_25, Crisis_29, D12_10, Daisy_15, Danyall_22, Deenasa_15, Delrey21_22, Derg_17, Devonte_15, Dewdrop_62, Dextert_22, DoctorFroggo_22, DonaldDuck_25, Dori_11, EMoore_17, Eaglehorse_16, EarickHC_28, EdmundFerry_20, Egi03_20, Evamon_20, EverythinBagel_25, Faze9_16, Fireball_21, Fireman_28, Fitzgerald_19, Fizzles_26, Flatwoods_22, Forza_88, Fosterous_19, FrankDeliGuy_23, Fransoyer_28, Fregley_26, FrenchFry_16, FuegoCuervo_24, Fugax_22, FuzzBuster_33, GMA2_17, GTE6_21, Gadget_16, Gaea_21, Galadriel_23, Ganandorf_27, Gazebo_25, Geodirt_20, Germa_29, Gervas_15, Gezellig_20, Gina_29, Glass_16, GlenHope_16, Glorp_29, Glubnar_15, GodPhather_11, Godines_16, GodonK_77, Grassboy_27, Gustavo_21, Halfpint_14, Halo3_21, Hans_24, HarveySr_15, Hashim76_18, Heathcliff_15, Hedgerow_16, Hendrix_59, Hermeonysus_27, Holeinone_16,

Honeyfin_29, Hyperion_25, Indlovu_13, Inspectinfecti_23, ItsyBitsy1_16, JKSyngboy_20, Jabberwocky_19, Jackstina_14, Jambalaya_20, Jefe_28, Jehoshaphat_28, Jeon_10, JohnLord_11, JohnPork_20, Jollipop_28, Judebell_28, KaiHaiDragon_28, Kaleb_16, Kamashten_22, Kamiyu_15, Keitabear_23, Kelcole_24, Kewpiedoll_22, Kheth_16, KillerQueen_26, KimmyK_22, Kithara_26, Kolhan_16, Kowalski_27, Kronus_14, Kroos_22, Kwekel_21, Kwobi_23, Kyva_28, Lars_16, Laurie_16, Leaf_62, Lennon_23, Leonard_22, Lephleur_16, LestyG_15, LilHam_19, LilSmirk_16, Lilbeanie_19, LittleFortune_29, LittleMinkey_19, LizLemon_16, Llemily_25, Lonelysoil_25, Love_23, Lucretia_28, Mao1_10, Marcie_30, Mareelih_86, Margaery_23, Marley1013_15, Marlia_15, Mashley_24, Mask_11, MasterPo_16, Matzah_24, McCrothy_22, McKinley_22, Megabear_10, Megan_22, MelBins_23, MementoMori_24, Mentos_30, Merry_, Metamorphoo_28, Mila11_29, MmasiCarm_15, MoontowerMania_20, MorillMayhem_26, Mortcellus_14, Morty007_15, Mulaychimus_15, Mutzi_22, Namago_26, Natkenzie_22, Neos5_15, Nicole72_23, Nike_26, NoodlelyBoi_28, Nordenberg_16, Nozo_15, Nubi_20, Obutu_15, Olivio_14, OneinaGillian_25, Onika_27, Opia_16, OrangeOswald_15, PR_10, Paries_22, Paschalis_27, PenguinLover67_16, Pepe25_24, Phabia_26, Phaedrus_14, Phantasmagoria_16, Phauci_15, Phayeta_15, PhedwardCullen_27, Phendrix_75, Philly_14, Phinally_22, Phinky_32, Phlop_20, Phlyer_15, Phorgeous_27, Phrancesco_28, PierreOrion_28, PinkCoffee_22, Pipefish_15, PiperSansNom_28, Piperis_28, Portcullis_20, PrinceCharming_16, Pulchra_29, PullumCavea_20, Pumpkiney_24, Quammi_24, Quesadilla_15, Quhwah_31, Qyrzula_15, RagingRooster_15, Ramiel05_27, Rasputia_58, Rhinoforte_16, Ribeye_22, Rita1961_15, RiverRaider_22, RoadKill_19, RobinRose_27, RobsFeet_29, Rockwell_27, Rofo_21, RogerDodger_23, RomaT_15, Romm_27, Rosebush_16, Rowlf_22, RubyRalph_28, Rudy_24, Sabella_16, SadLad_30, Saguaro_15, SallyK_27, Salvador_20, Sampson_22, Sanjuju_19, Saronaya_21, Savannah_27, Savbucketdawg_20, SchottB_20, Scioto_22, Scumberland_29, Sedona_23, Sejanus_11, Selwyn23_29, Sendy_21, SharkTale_20, Shenandoah_15, Shinji_20, Shivanishola_21, Shotgun_27, Shrubaron_28, Sillytadpoles_25, SirFrank_27, Sitar_23, Sixama_82, Sixsevenium_21, Skugga_26, SlippinJimmy_15, SlySloth_28, Smarties_36, SmokingBunny_20, Squash_28, Statler_27, Stichling_20, StorminNorm_21, StrawberryJamm_28, Stultus_21, Sunfish_33, Sunny_, SwainyDoc_15, SynergyX_15, TA17A_16, Tangent_19, Tangerine_21, Taptic_10, Tardus_23, Teamocil_29, Teehee_27, Tempo_25, Terij_24, Thing3_22, Tiamoceli_22, TillyBobJoe_20, Tinciduntolum_17, TinyTerror_15, Tissue_26, Togo_20, Tres_16, Twister6_22, Twonlo_19, Tycho_21, Tydolla_15, Tyumbra_26, Valary_23, VanDeWege_23, Verity_22, ViaConlectus_23, Vic9_00016, Viceroy_25, Vivi2_21, Wayne3_27, West99_16, WheelerS25_31, Wheelie_25, Wilca_25, Wizard_20, Yahalom_15, Yeti_28, Yinz_15, YorkOnyx_22, YungMoney_22, Zagie_26, Zenteno07_18, Zhafia_28, Zipp_22, Zitch_24, phiAsp2_15,

Summary by start number:

Start 27:

- Found in 1 of 852 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 740
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sour_15 (DR),

Start 28:

- Found in 2 of 852 (0.2%) of genes in pham
- Manual Annotations of this start: 2 of 740

- Called 100.0% of time when present
- Phage (with cluster) where this start called: CRB2_16 (B9), PenguinLover67_16 (B9),

Start 31:

- Found in 17 of 852 (2.0%) of genes in pham
- Manual Annotations of this start: 16 of 740
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ali17_20 (DE2), Belphegor_19 (DE2), Chickadee_21 (DE3), Dexdert_22 (DE3), EMoore_17 (DE2), EdmundFerry_20 (DE3), GTE6_21 (DE3), Hans_24 (DE2), Inspectinfecti_23 (DE2), Kwekel_21 (DE3), Leonard_22 (DE2), MelBins_23 (DE2), Phauci_15 (DE2), Phinally_22 (DE2), RoadKill_19 (DE3), Tiamoceli_22 (DE3), Twonlo_19 (DE3),

Start 32:

- Found in 1 of 852 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 740
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Quesadilla_15 (B9),

Start 33:

- Found in 1 of 852 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 740
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Saguaro_15 (B7),

Start 35:

- Found in 56 of 852 (6.6%) of genes in pham
- Manual Annotations of this start: 52 of 740
- Called 98.2% of time when present
- Phage (with cluster) where this start called: Affeca_21 (DE1), Ailee_21 (DE1), Angelicage_21 (DE1), Ashertheman_22 (DE1), Baddon_21 (DE1), Barsten_22 (DE1), Baumdotcom_21 (DE1), Bibwit_22 (DE1), Bizzy_22 (DE1), BobBob_19 (DE1), Brandonk123_23 (DE1), Brawn1_19 (DE1), ChadMasterC_21 (DE1), Charming_19 (DE1), Derg_17 (DE1), Fitzgerald_19 (DE1), Flatwoods_22 (DE1), Fosterous_19 (DE1), FuegoCuervo_24 (DE1), Gaea_21 (DE1), Galadriel_23 (DE1), Geodirt_20 (DE1), Gustavo_21 (DE1), JKSyngboy_20 (DE1), Jabberwocky_19 (DE1), Kamashten_22 (DE1), Keitabear_23 (DE1), Kewpiedoll_22 (DE1), Kroos_22 (DE1), Kwobi_23 (DE1), Lennon_23 (DE1), LilHam_19 (DE1), Love_23 (DE1), McCrothy_22 (DE1), McKinley_22 (DE1), MoontowerMania_20 (DE1), Nordenberg_16 (DE1), Paries_22 (DE1), Ribeye_22 (DE1), Rofo_21 (DE1), Sanjuju_19 (DE1), Saronaya_21 (DE1), SchottB_20 (DE1), Sedona_23 (DE1), Shivanishola_21 (DE1), Sitar_23 (DE1), Stichling_20 (DE1), StorminNorm_21 (DE1), Stultus_21 (DE1), Tangent_19 (DE1), Tangerine_21 (DE1), Thing3_22 (DE1), Tycho_21 (DE1), Vivi2_21 (DE1), YorkOnyx_22 (DE1),

Start 36:

- Found in 1 of 852 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 740
- Called 100.0% of time when present
- Phage (with cluster) where this start called: RiverRaider_22 (DE1),

Start 39:

- Found in 38 of 852 (4.5%) of genes in pham
- Manual Annotations of this start: 37 of 740
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Allegro_16 (B2), Arbiter_16 (B2), Ares_16 (B2), Bananafish_16 (B2), Blocker23_16 (B2), Boyle_16 (B2), Brownie5_16 (B2), Calamitous_16 (B2), Coffee_16 (B2), Eaglehorse_16 (B2), Faze9_16 (B2), FrenchFry_16 (B2), Glass_16 (B2), Godines_16 (B2), Hedgerow_16 (B2), Holeinone_16 (B2), ItsyBitsy1_16 (B2), Kaleb_16 (B2), Kheth_16 (B2), Kolhan_16 (B2), Lars_16 (B2), Laurie_16 (B2), Lephleur_16 (B2), LilSmirk_16 (B2), LizLemon_16 (B2), MasterPo_16 (B2), Opia_16 (B2), Phantasmagoria_16 (B2), PrinceCharming_16 (B2), Qyrzula_15 (B2), Rhinoforte_16 (B2), Rosebush_16 (B2), Sabella_16 (B2), TA17A_16 (B2), Tinciduntolum_17 (B2), Tres_16 (B2), Vic9_00016 (B2), West99_16 (B2),

Start 40:

- Found in 58 of 852 (6.8%) of genes in pham
- Manual Annotations of this start: 2 of 740
- Called 3.4% of time when present
- Phage (with cluster) where this start called: Kithara_26 (singleton), Sunfish_33 (singleton),

Start 41:

- Found in 1 of 852 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 740
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Lilbeanie_19 (DE5),

Start 42:

- Found in 1 of 852 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 740
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Rasputia_58 (GC),

Start 43:

- Found in 476 of 852 (55.9%) of genes in pham
- Manual Annotations of this start: 396 of 740
- Called 99.8% of time when present
- Phage (with cluster) where this start called: 39HC_011 (B6), 40BC_011 (B6), A3Wally_89 (GD1), ABU_13 (B1), AbsoluteMadLad_12 (B1), Abt2graduatex2_15 (BG), Acadian_14 (B5), Adriana_13 (B1), Aelin_12 (B1), Ahwei_12 (B4), AksarBAT_12 (DR), AlanGrant_14 (B4), Aleia_13 (B1), AltPhacts_13 (B1), Altwerkus_12 (B1), Amo99_46 (CP), AnClar_12 (DR), AnarQue_14 (DR), Anderson_13 (B1), Andre_13 (B1), AngelCake_13 (B1), Antihero_12 (B4), Antonia_12 (B1), Aonishiki_13 (B1), Apex_13 (B4), Apizium_12 (B1), Artu_75 (FC), Ashraf_12 (B1), Asis_14 (BG), Atuin_77 (FC), Austelle_14 (B4), Axumite_12 (DR), BabyGotBac_14 (BG), Badfish_13 (B1), Bae_14 (B5), Banjo_12 (B1), Basato_14 (B1), BatteryCK_12 (B1), BayC_14 (BG), Beaglebox_12 (B1), Big4_78 (GD2), BiggityBass_11 (DR), Bishoperium_12 (B1), BlackStallion_13 (B1), Blackpen_14 (DR), BlacksBerry_12 (B1), Bloom_86 (FC), BlueHusk_13 (B1), Bluephacebaby_12 (B1), BobRoss2024_11 (DR), BobbyK_13 (B4), Boehler_13 (B1), BooTeria_79 (FC), BoogieWoogie_12 (B1), Brilliant_13 (B1), BrownCNA_14 (B4), Buckeye_13 (B1), Burr_12 (B1), CaiB_14 (DR), CamL_13 (B1), CampRoach_13 (B1), Cannibal_13 (B1), Carthage_12 (B1), Caspiboi_12 (B1), Causa_20 (AI), Cece_72 (GD3),

Chaelin_12 (B1), Chah_13 (B1), Charles1_13 (B1), CharlieGBrown_12 (B1), CharlottesWeb_12 (DR), CheetO_13 (B1), Cher_12 (B1), Childish_12 (B1), Chilliams_79 (FC), Chipette_14 (B1), Chorkpop_13 (B1), ChrisnMich_12 (B4), Chuni_12 (B1), Chunky_13 (B1), Chute_12 (B1), Clawz_45 (CP), CloverMinnie_14 (DR), Cobra_13 (B1), Colbert_13 (B1), ColdSoup_46 (CP), Coldpizza_14 (DR), Coletti_13 (B1), Cooper_13 (B4), Cornbread_12 (B1), Cornobble_12 (B1), Cosmolli16_12 (B1), Craff_13 (B1), Crownjwl_13 (B1), DaddyDaniels_13 (B1), Daffy_13 (B1), Daka_13 (B1), Dati_13 (B1), DelRivs_12 (B1), Derpp_12 (B1), Dice_12 (B1), DigitDog_14 (B5), Dingo_13 (B1), Dione_12 (B1), DirtJuice_13 (B1), Doddsville_13 (B1), Dodo_91 (GD1), DoesntMatter_13 (B1), DolOn_14 (B1), DonSanchon_12 (B1), DonTron_45 (CP), Donny_14 (B5), DuchessDung_12 (B1), Duggie_12 (B1), DunneganBoMo_72 (FC), Durga_13 (B1), EastView9101_14 (B5), Ellewin_71 (FC), ElvisPhasley_13 (B1), EmGer13_12 (B1), Emiris_13 (B1), Emmetator_75 (FC), EmpTee_13 (B1), Epah_12 (B4), Erasmago_80 (GD2), Eremos_13 (B1), Etaye_13 (B1), Eugenia_13 (B1), Evaa_13 (DR), Fanaw_13 (B4), Fang_13 (B1), FelixTres_14 (DR), Flake_13 (B1), FleetyMac_12 (B1), FloraSnap32_82 (FC), FluffyNinja_13 (B1), ForDig_11 (B6), Fortunato_13 (B4), Fozzie_12 (B1), Frankicide_13 (B1), Frederick_13 (B4), FremontTroll_13 (B1), Fresco_12 (DR), Freya_12 (B1), FriarPreacher_13 (B1), Fringe_13 (B1), FrostedClock_85 (FC), FugateOSU_12 (B1), Funsized_18 (B9), Gareth_12 (B1), GeneCoco_13 (B1), GinPorsche_12 (B4), Giraffe_13 (B1), GoldenEssence_68 (FC), Gophee_13 (B1), Grand2040_12 (B1), GreenChile_13 (B1), Grumio_45 (CP), Gwennie1_13 (B1), Gwilliam_13 (B1), Gyarad_0013 (B1), HSavage_13 (B1), Haimas_13 (B1), Haleema_12 (B1), Hally898_12 (B4), Hamish_13 (B1), Hangman_13 (B4), Happabalu_13 (B1), Hartsy_13 (B1), Harvey_13 (B1), Heath_13 (B4), Hekos_12 (B1), Held_13 (B1), HenryJackson_12 (B1), Hertubise_13 (B1), Hetaeria_13 (B1), HighStump_12 (B1), Hocus_12 (B1), HogWash_12 (B1), Horchata_13 (B1), Hosp_09 (B6), Hydro_13 (B4), ImtiyazSitla_12 (B1), Imvubu_10 (B10), Inchworm_13 (B1), Inverness_13 (B1), Iridessa_13 (B1), Iridoclysis_13 (B1), IsaacEli_13 (B1), JAMaL_13 (B4), JDog_12 (B1), JacAttac_13 (B1), JaguarMi_14 (B4), JakeO_12 (B1), JangoPhett_13 (B1), JellyBelly_12 (DR), Jesabah_13 (B1), Jillium_12 (B1), Jiminy_12 (B1), Jiraiya_12 (B1), Jolie1_011 (B6), Jollymon_45 (CP), JoyceMaria_13 (B4), KLucky39_13 (B1), KSunshine22_77 (FC), Kahve_12 (B1), Kailash_13 (B1), KarasumaRum_15 (B5), Karn_12 (B1), Katniss_13 (B1), KayaCho_11 (B6), Keitherie_13 (B1), Khan1_13 (B1), Kikipoo_13 (B1), Kimbrough_13 (B1), KingTut_12 (B1), KingVeVeVe_13 (B1), KingstonB_43 (CP), KlimbOn_13 (B1), Kloppinator_13 (B1), Knocker_18 (B9), Kwadwo_12 (B1), Kwksand96_12 (B1), Labeouficaum_12 (B1), Lambano_12 (B4), Larson_14 (B1), LasagnaCat_13 (B1), Lasso_13 (B1), Laure_84 (UNK), LeeLot_13 (B1), Lego3393_13 (B1), Legolas_12 (B1), Lehmann_13 (B1), LeiMonet_13 (B1), LemonSlice_13 (B1), LeoJr_82 (FC), Ligma_12 (DR), LiiMcDreamy_14 (B12), LittleDigger_12 (B4), LittleMunchkin_13 (DR), Lolalove_13 (B4), Longacauda_12 (B1), Lopsy_12 (B1), LostAndPhound_12 (B1), LuckyMarjie_12 (B1), Lulumae_12 (B1), Lulwa_13 (B1), Lumine_12 (B1), MRabcd_12 (B1), Mag7_12 (B1), Magic8_13 (B1), Magpie_13 (B4), Maih_14 (BG), Makar_46 (CP), MakoManhole_14 (DR), Mana_12 (B1), Manad_12 (B1), Mariokart_12 (DR), Maru_12 (B1), Maskar_12 (B1), Matalotodo_13 (B1), Mcshane_12 (B1), Mecca_12 (B1), Megamind20_13 (B1), Megatron_13 (B1), Melc17_13 (B1), MelsMeow_12 (B1), Mesh1_13 (B1), Mesmerelda_12 (B1), MichaelPhcott_12 (B1), Mikota_13 (B1), Mimi_82 (FC), MiniBoss_13 (B1), Mischief19_16 (BG), MitKao_13 (B1), Mithril_13 (B4), Morgushi_13 (B1), Morty_13 (B1), Mosaic_12 (B1), MossRose_14 (DR), MrPhizzler_13 (B1), Mudslide_13 (B4), Mulan_12 (B1), Murdoc_13 (B1), Mutante_12 (B1), Mysterious_14 (B5), NHagos_12 (DR), Nacho_0013 (B1), Nanao_12 (B4),

Nangang_14 (B5), Nathan_13 (B1), Nehemiah_13 (B5), Newman_13 (B1), NiaNia_13 (B1), Nicole21_13 (B1), Nigel_11 (B4), Nova1_12 (B1), Numberten_13 (B1), Nyala_12 (B1), OSmaximus_13 (B1), Olak_12 (B1), Oline_12 (B1), Olive_13 (B1), OliverWalter_13 (B1), Omniscient_13 (B1), OneBrain_13 (B1), Oosterbaan_13 (B1), Orfeu_12 (B1), Orion_13 (B1), Orwigg_12 (B1), PG1_13 (B1), Pacifista_12 (B1), PallasAthena_13 (B1), Panchaali_75 (FC), Patbob_81 (FC), PauloDiaboli_89 (GD1), Phamished_13 (B1), Phareon_13 (B1), PhatCats2014_13 (B1), PhatLouie_13 (B1), Phelemich_14 (B5), PhenghisKhan_12 (B1), Pherdinand_13 (B1), Phergie_12 (B1), Phipps_13 (B1), Phleuron_12 (B1), Phrampa_74 (FC), PhrankReynolds_12 (B1), PhrodoBaggins_12 (B1), Phunky_13 (B1), Piglet_0012 (B1), PinheadLarry_13 (B1), Pinkman_12 (B1), Pipsqueak_13 (B1), Placalicious_12 (B1), Plata_12 (B1), Plmatters_13 (B1), Podrick_13 (B1), Pops_13 (B1), Poster_12 (B4), Potter_12 (B1), Prickles_13 (B1), Prince_13 (B4), ProfessorX_13 (B1), Puhltonio_13 (B1), Pumpernickel_86 (GD4), Purplicious_43 (CP), QueenBeane_13 (B1), QueenPie_13 (B4), Quisquilliae_13 (B1), Racecar_83 (FC), RainyPolka_15 (BG), RawrgerThat_13 (B4), Reccee_14 (B5), RedMaple_12 (B1), RedRaider89_14 (B1), ReginaGlobina_82 (FC), Renkei_12 (B4), Reprobate_14 (B5), Rich_14 (B5), Ricotta_12 (B1), Riggan_13 (B1), Rimu_13 (B1), Rinkes_18 (B9), Rita130_14 (B5), Riverton_13 (B1), Robyn_12 (B1), Rockabye_84 (FC), Roliet_13 (B1), Roscoe_14 (B1), Roy17_13 (B1), SDcharge11_13 (B1), SJReid_85 (FC), Salete_14 (BG), SallyH_13 (B1), Samaymay_13 (B1), SassyCat97_12 (B1), Schadenfreude_12 (B1), Schueller_12 (B1), Scoot17C_13 (B1), Scrick_12 (B1), Selr12_13 (B1), Serendipitous_14 (B5), Serendipity_13 (B1), Serpentine_0013 (B1), ShadowBud_13 (B1), Shatter_12 (DR), Sheila_13 (B1), Shenyu_14 (B5), ShiVal_13 (B1), Sigman_13 (B1), SilverBell_13 (B1), Simielle_12 (B1), SirBeauregard_12 (B1), SirJeffery_14 (B5), Sisko_12 (DR), Skippy_13 (B1), Slatt_13 (B1), Soile_13 (B1), Solosis_12 (B1), Soos_41 (CP), Sophia_12 (B1), Soto_13 (B1), Spartan300_13 (B1), Squid_13 (B1), Squiggle_13 (B1), StAugustine_18 (A1), Stewart25555_73 (FC), Stillion_45 (CP), Sting_44 (CP), Stinger_11 (B4), StinkyVeggy_15 (B5), Struggle_12 (B1), Suffolk_13 (B1), Suigeneris_14 (B5), Surely_13 (B1), Swiphy_13 (B1), Swish_13 (B1), TP1604_14 (BG), TPA2_22 (singleton), Talia1610_82 (FC), TallGrassMM_13 (B1), Taraxa_13 (B1), Telesworld_12 (B1), Thonko_14 (B8), Thora_13 (B1), ThreeOh3D2_13 (B1), Thunderbird_12 (B1), Timmi_12 (B1), TomBombadil_13 (B1), Tomlarah_13 (B1), Toni_12 (B1), Tonitrus_31 (singleton), TooFast2Furius_14 (B1), Tooj_13 (B1), TraderJ_14 (DR), Triad_13 (B1), True_12 (B1), Trypo_13 (B1), TurkishDelight_18 (singleton), TyrionL_12 (B1), UAch1_13 (B1), UncleHowie_13 (B1), Usavi_13 (B1), Vaishali24_12 (B1), Valjean_13 (B1), Vaticameos_13 (B1), Veritas_12 (B1), Vincenzo_14 (B4), VioletZ_13 (B4), Virapocalypse_13 (B1), Virgeve_12 (B1), Vista_13 (B1), Vivaldi_13 (B1), Vortex_13 (B1), WaddleDee_70 (FC), Waleliano_13 (B4), Wallhey_12 (B1), Waterdiva_13 (B1), Weher20_13 (B1), Windsor_12 (B1), Wooper_14 (DR), Xavier_12 (B1), Xincheng_13 (B4), Xkcd426_15 (BG), YDN12_15 (BG), Yago84_12 (DR), Yeshua_14 (DR), Yoshand_13 (B1), YouGoGlencoco_13 (B1), Zaider_14 (B1), Zelda_13 (B1), Zemanar_14 (B4), Zonia_13 (B1), Zooman_74 (GD2),

Start 44:

- Found in 163 of 852 (19.1%) of genes in pham
- Manual Annotations of this start: 94 of 740
- Called 62.6% of time when present
- Phage (with cluster) where this start called: APunk_24 (DE4), Abblin_22 (DE4), Antares_28 (EC), Ariadne_36 (EC), Arri_23 (DC1), Bakery_21 (DC1), Barb_22 (DC1), BigHunkinEater_25 (DE4), BrazzalePHS_27 (EC), Busephilis_27 (EC), CherryCola_23 (DC1), ClamChowder_22 (DC1), ClearAsMud_30 (EC), Clown_24

(DC2), CoveyB_22 (DC1), Cranjjs_29 (EC), CrazyRich_27 (EC), Crisis_29 (EC), Danyall_22 (DC1), Delrey21_22 (DE4), Dewdrop_62 (GC), DoctorFroggo_22 (DE4), Egi03_20 (DC1), Evamon_20 (DC1), Fireball_21 (DC1), Fireman_28 (EC), Fugax_22 (DC1), FuzzBuster_33 (GM), Germa_29 (EC), Gezellig_20 (DC1), Gina_29 (EC), Glorp_29 (EC), Halo3_21 (DC1), Hendrix_59 (GC), Hermeonysus_27 (EC), Honeyfin_29 (EC), Jambalaya_20 (DC1), Jefe_28 (EC), JohnPork_20 (DC1), Jollipop_28 (EC), KaiHaiDragon_28 (EC), KimmyK_22 (DC1), Kowalski_27 (EC), Leaf_62 (GC), LittleFortune_29 (EC), Megan_22 (EC), Merry_ (EC), Metamorphoo_28 (EC), Mutzi_22 (DC1), Natkenzie_22 (DE4), Nicole72_23 (EC), Nubi_20 (DC1), Onika_27 (EC), Paschalis_27 (EC), Phlop_20 (DC1), Phorgeous_27 (EC), Phrancesco_28 (EC), PinkCoffee_22 (DC1), PiperSansNom_28 (EC), Piperis_28 (EC), Portcullis_20 (DC1), Pulchra_29 (EC), PullumCavea_20 (DC1), Pumpkiney_24 (DE4), Quhwah_31 (EC), Ramiel05_27 (EC), RobsFeet_29 (EC), Rockwell_27 (EC), RogerDodger_23 (DC1), Salvador_20 (DC1), Sampson_22 (DE4), Savannah_27 (EC), Savbucketdawg_20 (DC1), Scioto_22 (DE4), Scumberland_29 (EC), Selwyn23_29 (EC), Sendy_21 (DC1), SharkTale_20 (DC1), Shinji_20 (DC1), Shotgun_27 (EC), Shrubaron_28 (EC), SirFrank_27 (EC), Sixsevenium_21 (DC1), Skugga_26 (EC), Smarties_36 (EC), SmokingBunny_20 (DC1), Sunny_ (EC), Tardus_23 (DE4), Teamocil_29 (EC), TillyBobJoe_20 (DC1), Togo_20 (DC1), Twister6_22 (DC1), Tyrumbra_26 (EC), Valary_23 (DC1), VanDeWege_23 (DC1), Verity_22 (DE4), ViaConlectus_23 (DE4), Wizard_20 (DC1), Yeti_28 (EC), YungMoney_22 (DC1), Zipp_22 (DE4), Zitch_24 (DE4),

Start 47:

- Found in 1 of 852 (0.1%) of genes in pham
- Manual Annotations of this start: 1 of 740
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Indlovu_13 (B11),

Start 48:

- Found in 65 of 852 (7.6%) of genes in pham
- Manual Annotations of this start: 54 of 740
- Called 92.3% of time when present
- Phage (with cluster) where this start called: Abinghost_15 (B3), Akoma_15 (B3), Athena_16 (B3), Audrey_15 (B3), Baloo_15 (B3), Ben11_14 (B3), Bernardo_15 (B3), BirdsNest_18 (B13), Briakila_15 (B3), Casbah_14 (B3), ChaChing_15 (B3), Chalmers_15 (B3), Chandler_15 (B3), Chentzyk_14 (B3), Compostia_16 (B3), Corofin_15 (B3), Daisy_15 (B3), Deenasa_15 (B3), Devonte_15 (B3), Gadget_16 (B3), Gervas_15 (B3), GlenHope_16 (B3), Glubnar_15 (B3), Halfpint_14 (B3), HarveySr_15 (B3), Hashim76_18 (B13), Heathcliff_15 (B3), Jackstina_14 (B3), Kamiyu_15 (B3), Kronus_14 (B3), LestyG_15 (B3), LittleMinkey_19 (B13), Marley1013_15 (B3), Marlia_15 (B3), MmasiCarm_15 (B3), Mortcellus_14 (B3), Morty007_15 (B3), Mulaychimus_15 (B3), Neos5_15 (B3), Nozo_15 (B3), Obutu_15 (B3), Olivio_14 (B3), OrangeOswald_15 (B3), Phaedrus_14 (B3), Phayeta_15 (B3), Philly_14 (B3), Phlyer_15 (B3), Pipefish_15 (B3), RagingRooster_15 (B3), Rita1961_15 (B3), RomaT_15 (B3), Shenandoah_15 (B3), SlippinJimmy_15 (B3), SwainyDoc_15 (B3), SynergyX_15 (B3), TinyTerror_15 (B3), Tydolla_15 (B3), Yahalom_15 (B3), Yinz_15 (B3), Zenteno07_18 (B13),

Start 49:

- Found in 15 of 852 (1.8%) of genes in pham
- Manual Annotations of this start: 12 of 740
- Called 86.7% of time when present

- Phage (with cluster) where this start called: Argie_11 (W), Cepens_10 (W), D12_10 (W), Dori_11 (AD), GodPhather_11 (W), Jeon_10 (W), JohnLord_11 (AD), Mao1_10 (AD), Mask_11 (AD), Megabear_10 (W), PR_10 (W), Sejanus_11 (AD), Taptic_10 (W),

Start 51:

- Found in 60 of 852 (7.0%) of genes in pham
- Manual Annotations of this start: 51 of 740
- Called 96.7% of time when present
- Phage (with cluster) where this start called: Altheas_28 (EG), AluminumJesus_24 (EG), BabyDotz_25 (EG), BaconCheese_29 (EG), BirdInFrench_25 (EG), Blab_24 (EG), CandC_24 (EG), Casend_27 (EG), DonaldDuck_25 (EG), EverythinBagel_25 (EG), Fizzles_26 (EG), FrankDeliGuy_23 (EG), Fransoyer_28 (EG), Fregley_26 (EG), Gazebo_25 (EG), Grassboy_27 (EG), Hyperion_25 (EG), Jehoshaphat_28 (EG), Judebell_28 (EG), Kelcole_24 (EG), KillerQueen_26 (EG), Kyva_28 (EG), Llemily_25 (EG), Lonelysoil_25 (EG), Marcie_30 (EG), Mashley_24 (EG), Mentos_30 (EG), Mila11_29 (EG), MorillMayhem_26 (EG), Namago_26 (EG), Nike_26 (EG), OneinaGillian_25 (EG), Pepe25_24 (EG), Phabia_26 (EG), Phinky_32 (EG), Quammi_24 (EG), RobinRose_27 (EG), Romm_27 (EG), Rowlf_22 (EG), RubyRalph_28 (EG), Rudy_24 (EG), SadLad_30 (EG), SallyK_27 (EG), Sillytadpoles_25 (EG), SlySloth_28 (EG), Squash_28 (EG), Statler_27 (EG), StrawberryJamm_28 (EG), Teehee_27 (EG), Tempo_25 (EG), Tissue_26 (EG), Viceroy_25 (EG), Wayne3_27 (EG), WheelerS25_31 (EG), Wheelie_25 (EG), Wilca_25 (EG), Zagie_26 (EG), Zhafia_28 (EG),

Start 53:

- Found in 1 of 852 (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: phiAsp2_15 (singleton),

Start 55:

- Found in 16 of 852 (1.9%) of genes in pham
- No Manual Annotations of this start.
- Called 6.2% of time when present
- Phage (with cluster) where this start called: Caterpie_10 (AD),

Start 77:

- Found in 51 of 852 (6.0%) of genes in pham
- Manual Annotations of this start: 6 of 740
- Called 11.8% of time when present
- Phage (with cluster) where this start called: Cinna_23 (EI), Cressida_25 (EI), Margaery_23 (EI), Matzah_24 (EI), MementoMori_24 (EI), Terij_24 (EI),

Start 90:

- Found in 217 of 852 (25.5%) of genes in pham
- Manual Annotations of this start: 2 of 740
- Called 1.4% of time when present
- Phage (with cluster) where this start called: Ganandorf_27 (EC), NoodlelyBoi_28 (EC), PierreOrion_28 (EC),

Start 93:

- Found in 29 of 852 (3.4%) of genes in pham

- Manual Annotations of this start: 7 of 740
- Called 27.6% of time when present
- Phage (with cluster) where this start called: BlueNGold_87 (DS), Boopy_88 (DS), Forza_88 (DS), GMA2_17 (DS), GodonK_77 (DK), Mareelih_86 (DS), Phendrix_75 (DK), Sixama_82 (DS),

Start 117:

- Found in 48 of 852 (5.6%) of genes in pham
- Manual Annotations of this start: 2 of 740
- Called 8.3% of time when present
- Phage (with cluster) where this start called: BeagleBug_27 (EC), EarickHC_28 (EC), Lucretia_28 (EC), PhedwardCullen_27 (EC),

Summary by clusters:

There are 40 clusters represented in this pham: GD1, singleton, BG, GD4, DK, GD2, FC, B12, B13, B10, B11, GD3, DR, DS, CP, EI, AD, AI, EG, EC, GC, W, GM, UNK, 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 49 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster AI:

- Start number 43 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster B1:

- Start number 43 was manually annotated 288 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 43 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 47 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 43 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 48 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:

- Start number 39 was manually annotated 37 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 48 was manually annotated 51 times for cluster B3.

Info for manual annotations of cluster B4:

- Start number 43 was manually annotated 28 times for cluster B4.

Info for manual annotations of cluster B5:

- Start number 43 was manually annotated 11 times for cluster B5.

Info for manual annotations of cluster B6:

- Start number 43 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:

- Start number 33 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 43 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 28 was manually annotated 2 times for cluster B9.
- Start number 32 was manually annotated 1 time for cluster B9.
- Start number 43 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster BG:

- Start number 43 was manually annotated 11 times for cluster BG.

Info for manual annotations of cluster CP:

- Start number 43 was manually annotated 6 times for cluster CP.

Info for manual annotations of cluster DC1:

- Start number 44 was manually annotated 32 times for cluster DC1.

Info for manual annotations of cluster DC2:

- Start number 44 was manually annotated 1 time for cluster DC2.

Info for manual annotations of cluster DE1:

- Start number 35 was manually annotated 52 times for cluster DE1.
- Start number 36 was manually annotated 1 time for cluster DE1.

Info for manual annotations of cluster DE2:

- Start number 31 was manually annotated 9 times for cluster DE2.

Info for manual annotations of cluster DE3:

- Start number 31 was manually annotated 7 times for cluster DE3.

Info for manual annotations of cluster DE4:

- Start number 44 was manually annotated 13 times for cluster DE4.

Info for manual annotations of cluster DE5:

- Start number 41 was manually annotated 1 time for cluster DE5.

Info for manual annotations of cluster DK:

- Start number 93 was manually annotated 2 times for cluster DK.

Info for manual annotations of cluster DR:

- Start number 27 was manually annotated 1 time for cluster DR.
- Start number 43 was manually annotated 21 times for cluster DR.

Info for manual annotations of cluster DS:

- Start number 93 was manually annotated 5 times for cluster DS.

Info for manual annotations of cluster EC:

- Start number 44 was manually annotated 44 times for cluster EC.

- Start number 90 was manually annotated 2 times for cluster EC.
- Start number 117 was manually annotated 2 times for cluster EC.

Info for manual annotations of cluster EG:

- Start number 51 was manually annotated 51 times for cluster EG.

Info for manual annotations of cluster EI:

- Start number 77 was manually annotated 6 times for cluster EI.

Info for manual annotations of cluster FC:

- Start number 43 was manually annotated 12 times for cluster FC.

Info for manual annotations of cluster GC:

- Start number 42 was manually annotated 1 time for cluster GC.
- Start number 44 was manually annotated 3 times for cluster GC.

Info for manual annotations of cluster GD1:

- Start number 43 was manually annotated 3 times for cluster GD1.

Info for manual annotations of cluster GD2:

- Start number 43 was manually annotated 2 times for cluster GD2.

Info for manual annotations of cluster GD3:

- Start number 43 was manually annotated 1 time for cluster GD3.

Info for manual annotations of cluster GD4:

- Start number 43 was manually annotated 1 time for cluster GD4.

Info for manual annotations of cluster GM:

- Start number 44 was manually annotated 1 time for cluster GM.

Info for manual annotations of cluster W:

- Start number 49 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_011 Start: 11832, Stop: 12599, Start Num: 43

Candidate Starts for 39HC_011:

(Start: 43 @11832 has 396 MA's), (54, 11853), (135, 12093), (156, 12168), (185, 12249), (244, 12408), (249, 12426), (276, 12504), (285, 12534),

Gene: 40BC_011 Start: 11832, Stop: 12599, Start Num: 43

Candidate Starts for 40BC_011:

(Start: 43 @11832 has 396 MA's), (54, 11853), (135, 12093), (156, 12168), (185, 12249), (244, 12408), (249, 12426), (276, 12504), (285, 12534),

Gene: A3Wally_89 Start: 46992, Stop: 47873, Start Num: 43

Candidate Starts for A3Wally_89:

(Start: 43 @46992 has 396 MA's), (68, 47055), (73, 47067), (138, 47304), (179, 47442), (186, 47457), (209, 47535), (243, 47637), (275, 47760), (277, 47775),

Gene: ABU_13 Start: 11600, Stop: 12397, Start Num: 43

Candidate Starts for ABU_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: APunk_24 Start: 18327, Stop: 19151, Start Num: 44

Candidate Starts for APunk_24:

(37, 18318), (Start: 44 @18327 has 94 MA's), (Start: 77 @18399 has 6 MA's), (96, 18465), (137, 18582), (154, 18639), (174, 18711), (183, 18732), (207, 18813), (212, 18834), (227, 18864), (236, 18885), (244, 18912), (263, 18993), (265, 18999), (270, 19020), (281, 19065), (285, 19077), (291, 19101),

Gene: Abblin_22 Start: 17540, Stop: 18364, Start Num: 44

Candidate Starts for Abblin_22:

(Start: 44 @17540 has 94 MA's), (Start: 77 @17612 has 6 MA's), (96, 17678), (124, 17753), (137, 17795), (154, 17852), (174, 17924), (183, 17945), (188, 17966), (207, 18026), (212, 18047), (222, 18068), (227, 18077), (236, 18098), (244, 18125), (255, 18182), (263, 18206), (265, 18212), (270, 18233), (285, 18290), (291, 18314),

Gene: Abinghost_15 Start: 13140, Stop: 13949, Start Num: 48

Candidate Starts for Abinghost_15:

(Start: 48 @13140 has 54 MA's), (70, 13203), (Start: 90 @13266 has 2 MA's), (123, 13362), (135, 13410), (137, 13416), (150, 13464), (171, 13536), (185, 13566), (191, 13587), (210, 13647), (219, 13668), (244, 13734), (288, 13875), (289, 13878),

Gene: AbsoluteMadLad_12 Start: 11598, Stop: 12401, Start Num: 43

Candidate Starts for AbsoluteMadLad_12:

(Start: 43 @11598 has 396 MA's), (54, 11619), (59, 11631), (63, 11643), (112, 11805), (137, 11874), (150, 11922), (171, 11994), (190, 12039), (195, 12063), (213, 12114), (242, 12168), (258, 12225), (271, 12264),

Gene: Abt2graduatex2_15 Start: 16020, Stop: 16913, Start Num: 43

Candidate Starts for Abt2graduatex2_15:

(1, 15447), (2, 15624), (3, 15642), (4, 15654), (5, 15714), (6, 15720), (7, 15741), (8, 15759), (9, 15762), (10, 15813), (11, 15843), (12, 15855), (13, 15864), (15, 15873), (16, 15882), (18, 15891), (19, 15894), (20, 15918), (23, 15951), (29, 15993), (Start: 43 @16020 has 396 MA's), (52, 16035), (75, 16098), (85, 16122), (91, 16146), (94, 16155), (113, 16218), (119, 16227), (154, 16350), (159, 16365), (168, 16398), (173, 16419), (176, 16425), (193, 16485), (209, 16533), (210, 16539), (227, 16575), (252, 16692), (257, 16716), (263, 16734), (279, 16797), (285, 16818), (289, 16836),

Gene: Acadian_14 Start: 13349, Stop: 14155, Start Num: 43

Candidate Starts for Acadian_14:

(Start: 43 @13349 has 396 MA's), (55, 13364), (65, 13391), (81, 13439), (159, 13724), (171, 13766), (178, 13784), (186, 13802), (193, 13829), (197, 13841), (221, 13901), (244, 13958), (249, 13976), (258, 14000), (272, 14042), (283, 14078),

Gene: Adriana_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Adriana_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Aelin_12 Start: 11149, Stop: 11952, Start Num: 43

Candidate Starts for Aelin_12:

(Start: 43 @11149 has 396 MA's), (54, 11170), (59, 11182), (63, 11194), (112, 11356), (137, 11425), (150, 11473), (171, 11545), (190, 11590), (195, 11614), (213, 11665), (242, 11719), (258, 11776), (271, 11815),

Gene: Affeca_21 Start: 17356, Stop: 18186, Start Num: 35

Candidate Starts for Affeca_21:

(Start: 35 @17356 has 52 MA's), (Start: 40 @17365 has 2 MA's), (87, 17470), (121, 17560), (137, 17614), (143, 17638), (161, 17701), (174, 17749), (227, 17905), (244, 17953), (255, 18010), (263, 18034), (265, 18040), (282, 18109), (286, 18121), (290, 18139), (295, 18154),

Gene: Ahwei_12 Start: 12252, Stop: 13046, Start Num: 43

Candidate Starts for Ahwei_12:

(Start: 43 @12252 has 396 MA's), (54, 12273), (57, 12282), (Start: 77 @12339 has 6 MA's), (Start: 90 @12384 has 2 MA's), (135, 12522), (150, 12576), (156, 12597), (162, 12618), (164, 12624), (191, 12711), (206, 12753), (244, 12849), (249, 12867), (258, 12891), (272, 12933), (285, 12975), (298, 13023),

Gene: Ailee_21 Start: 17270, Stop: 18100, Start Num: 35

Candidate Starts for Ailee_21:

(Start: 35 @17270 has 52 MA's), (Start: 40 @17279 has 2 MA's), (87, 17384), (98, 17432), (121, 17474), (129, 17498), (143, 17552), (161, 17615), (174, 17663), (184, 17690), (227, 17819), (244, 17867), (255, 17924), (263, 17948), (265, 17954), (282, 18023), (286, 18035), (290, 18053), (295, 18068),

Gene: Akoma_15 Start: 13140, Stop: 13949, Start Num: 48

Candidate Starts for Akoma_15:

(Start: 48 @13140 has 54 MA's), (70, 13203), (Start: 90 @13266 has 2 MA's), (123, 13362), (135, 13410), (137, 13416), (150, 13464), (171, 13536), (185, 13566), (191, 13587), (210, 13647), (219, 13668), (244, 13734), (288, 13875), (289, 13878),

Gene: AksarBAT_12 Start: 11596, Stop: 12369, Start Num: 43

Candidate Starts for AksarBAT_12:

(Start: 43 @11596 has 396 MA's), (59, 11626), (79, 11683), (Start: 90 @11728 has 2 MA's), (105, 11782), (191, 12034), (244, 12178), (283, 12298), (289, 12322),

Gene: AlanGrant_14 Start: 14119, Stop: 14907, Start Num: 43

Candidate Starts for AlanGrant_14:

(Start: 43 @14119 has 396 MA's), (57, 14140), (59, 14143), (63, 14155), (136, 14386), (137, 14389), (156, 14458), (162, 14479), (171, 14509), (197, 14593), (213, 14641), (258, 14752), (272, 14794), (285, 14836), (298, 14884),

Gene: Aleia_13 Start: 11169, Stop: 11972, Start Num: 43

Candidate Starts for Aleia_13:

(Start: 43 @11169 has 396 MA's), (54, 11190), (59, 11202), (63, 11214), (112, 11376), (137, 11445), (150, 11493), (171, 11565), (190, 11610), (195, 11634), (213, 11685), (242, 11739), (258, 11796), (271, 11835),

Gene: Ali17_20 Start: 16677, Stop: 17507, Start Num: 31

Candidate Starts for Ali17_20:

(Start: 31 @16677 has 16 MA's), (34, 16683), (52, 16710), (54, 16716), (Start: 77 @16770 has 6 MA's), (137, 16941), (139, 16953), (161, 17028), (174, 17076), (207, 17178), (230, 17232), (242, 17262),

(244, 17277), (255, 17334), (286, 17445),

Gene: Allegro_16 Start: 14535, Stop: 15353, Start Num: 39

Candidate Starts for Allegro_16:

(Start: 39 @14535 has 37 MA's), (Start: 90 @14679 has 2 MA's), (114, 14760), (133, 14814), (135, 14820), (152, 14880), (163, 14919), (174, 14958), (191, 14997), (228, 15093), (244, 15141), (258, 15183), (270, 15219), (289, 15285),

Gene: AltPhacts_13 Start: 11603, Stop: 12406, Start Num: 43

Candidate Starts for AltPhacts_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Altheas_28 Start: 16384, Stop: 17130, Start Num: 51

Candidate Starts for Altheas_28:

(Start: 44 @16375 has 94 MA's), (Start: 51 @16384 has 51 MA's), (148, 16660), (163, 16714), (169, 16735), (188, 16777), (191, 16789), (193, 16798), (209, 16846), (253, 16966), (259, 16990), (260, 16993),

Gene: Altwerkus_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Altwerkus_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: AluminumJesus_24 Start: 15744, Stop: 16478, Start Num: 51

Candidate Starts for AluminumJesus_24:

(Start: 44 @15735 has 94 MA's), (Start: 51 @15744 has 51 MA's), (74, 15804), (139, 15996), (193, 16158), (202, 16185), (209, 16206), (216, 16227), (232, 16254), (233, 16257), (243, 16293), (253, 16326), (260, 16353),

Gene: Amo99_46 Start: 25052, Stop: 25819, Start Num: 43

Candidate Starts for Amo99_46:

(Start: 43 @25052 has 396 MA's), (69, 25118), (82, 25154), (141, 25325), (143, 25328), (185, 25466), (189, 25478), (197, 25508), (207, 25532), (263, 25688), (265, 25694), (278, 25733), (288, 25772), (296, 25799),

Gene: AnClar_12 Start: 12460, Stop: 13242, Start Num: 43

Candidate Starts for AnClar_12:

(Start: 43 @12460 has 396 MA's), (59, 12499), (78, 12553), (152, 12793), (159, 12817), (193, 12919), (249, 13072), (263, 13111), (289, 13198),

Gene: AnarQue_14 Start: 13126, Stop: 13899, Start Num: 43

Candidate Starts for AnarQue_14:

(Start: 43 @13126 has 396 MA's), (Start: 90 @13258 has 2 MA's), (164, 13489), (189, 13555), (191, 13564), (244, 13708), (285, 13834), (288, 13849),

Gene: Anderson_13 Start: 11605, Stop: 12402, Start Num: 43

Candidate Starts for Anderson_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Andre_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for Andre_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: AngelCake_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for AngelCake_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Angelicage_21 Start: 17779, Stop: 18609, Start Num: 35

Candidate Starts for Angelicage_21:

(Start: 35 @17779 has 52 MA's), (Start: 40 @17788 has 2 MA's), (87, 17893), (121, 17983), (137, 18037), (143, 18061), (161, 18124), (174, 18172), (227, 18328), (244, 18376), (255, 18433), (263, 18457), (265, 18463), (282, 18532), (286, 18544), (290, 18562), (295, 18577),

Gene: Antares_28 Start: 15892, Stop: 16722, Start Num: 44

Candidate Starts for Antares_28:

(Start: 44 @15892 has 94 MA's), (Start: 90 @16003 has 2 MA's), (Start: 117 @16075 has 2 MA's), (137, 16135), (174, 16285), (184, 16312), (190, 16336), (193, 16351), (207, 16390), (209, 16399), (212, 16411), (282, 16633), (297, 16687),

Gene: Antihero_12 Start: 12252, Stop: 13046, Start Num: 43

Candidate Starts for Antihero_12:

(Start: 43 @12252 has 396 MA's), (54, 12273), (57, 12282), (Start: 77 @12339 has 6 MA's), (Start: 90 @12384 has 2 MA's), (135, 12522), (150, 12576), (156, 12597), (162, 12618), (164, 12624), (191, 12711), (206, 12753), (244, 12849), (249, 12867), (258, 12891), (272, 12933), (285, 12975), (298, 13023),

Gene: Antonia_12 Start: 11149, Stop: 11952, Start Num: 43

Candidate Starts for Antonia_12:

(Start: 43 @11149 has 396 MA's), (54, 11170), (59, 11182), (63, 11194), (112, 11356), (137, 11425), (150, 11473), (171, 11545), (190, 11590), (195, 11614), (213, 11665), (242, 11719), (258, 11776), (271, 11815),

Gene: Aonishiki_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Aonishiki_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Apex_13 Start: 13527, Stop: 14321, Start Num: 43

Candidate Starts for Apex_13:

(Start: 43 @13527 has 396 MA's), (54, 13548), (Start: 90 @13659 has 2 MA's), (135, 13797), (150, 13851), (156, 13872), (162, 13893), (164, 13899), (191, 13986), (206, 14028), (244, 14124), (245, 14127), (258, 14166), (272, 14208), (285, 14250), (298, 14298),

Gene: Apizium_12 Start: 11307, Stop: 12110, Start Num: 43

Candidate Starts for Apizium_12:

(Start: 43 @11307 has 396 MA's), (54, 11328), (59, 11340), (63, 11352), (112, 11514), (137, 11583), (150, 11631), (171, 11703), (190, 11748), (195, 11772), (213, 11823), (242, 11877), (258, 11934), (271, 11973),

Gene: Arbiter_16 Start: 14622, Stop: 15440, Start Num: 39

Candidate Starts for Arbiter_16:

(Start: 39 @14622 has 37 MA's), (Start: 90 @14766 has 2 MA's), (114, 14847), (133, 14901), (135, 14907), (152, 14967), (163, 15006), (174, 15045), (191, 15084), (228, 15180), (244, 15228), (258, 15270), (270, 15306), (289, 15372),

Gene: Ares_16 Start: 14535, Stop: 15353, Start Num: 39

Candidate Starts for Ares_16:

(Start: 39 @14535 has 37 MA's), (Start: 90 @14679 has 2 MA's), (114, 14760), (133, 14814), (135, 14820), (152, 14880), (163, 14919), (174, 14958), (191, 14997), (228, 15093), (244, 15141), (258, 15183), (270, 15219), (289, 15285),

Gene: Argie_11 Start: 12991, Stop: 13767, Start Num: 49

Candidate Starts for Argie_11:

(Start: 49 @12991 has 12 MA's), (59, 13012), (60, 13015), (66, 13033), (78, 13066), (91, 13120), (Start: 93 @13126 has 7 MA's), (102, 13159), (150, 13306), (157, 13330), (159, 13336), (189, 13420), (216, 13504), (237, 13546), (270, 13651), (273, 13657), (289, 13717),

Gene: Ariadne_36 Start: 17634, Stop: 18449, Start Num: 44

Candidate Starts for Ariadne_36:

(Start: 44 @17634 has 94 MA's), (88, 17736), (Start: 90 @17745 has 2 MA's), (92, 17754), (137, 17877), (181, 18051), (209, 18144), (268, 18300), (282, 18354), (298, 18411), (305, 18435),

Gene: Arri_23 Start: 14513, Stop: 15325, Start Num: 44

Candidate Starts for Arri_23:

(Start: 44 @14513 has 94 MA's), (80, 14594), (133, 14744), (174, 14891), (186, 14927), (225, 15041), (300, 15311),

Gene: Artu_75 Start: 46245, Stop: 47114, Start Num: 43

Candidate Starts for Artu_75:

(Start: 43 @46245 has 396 MA's), (62, 46290), (73, 46326), (144, 46578), (183, 46707), (212, 46797), (257, 46929),

Gene: Ashertheman_22 Start: 16864, Stop: 17691, Start Num: 35

Candidate Starts for Ashertheman_22:

(25, 16819), (26, 16825), (Start: 35 @16864 has 52 MA's), (Start: 40 @16873 has 2 MA's), (87, 16975), (121, 17065), (129, 17089), (161, 17206), (174, 17254), (190, 17305), (227, 17410), (234, 17428), (244, 17458), (250, 17479), (255, 17515), (265, 17545), (286, 17626), (290, 17644), (295, 17659),

Gene: Ashraf_12 Start: 11149, Stop: 11946, Start Num: 43

Candidate Starts for Ashraf_12:

(Start: 43 @11149 has 396 MA's), (54, 11170), (59, 11182), (63, 11194), (137, 11425), (150, 11473), (171, 11545), (190, 11590), (195, 11614), (213, 11665), (242, 11719), (258, 11776), (271, 11815),

Gene: Asis_14 Start: 15544, Stop: 16440, Start Num: 43

Candidate Starts for Asis_14:

(Start: 43 @15544 has 396 MA's), (75, 15622), (85, 15646), (91, 15670), (94, 15679), (113, 15742), (154, 15874), (159, 15889), (168, 15922), (173, 15943), (186, 15982), (189, 15991), (209, 16057), (210, 16063), (212, 16069), (227, 16099), (240, 16129), (244, 16153), (263, 16258), (272, 16291), (285, 16342), (289, 16360), (300, 16399), (308, 16426),

Gene: Athena_16 Start: 13903, Stop: 14712, Start Num: 48

Candidate Starts for Athena_16:

(Start: 48 @13903 has 54 MA's), (70, 13966), (Start: 90 @14029 has 2 MA's), (123, 14125), (135, 14173), (137, 14179), (150, 14227), (171, 14299), (185, 14329), (191, 14350), (210, 14410), (219, 14431), (244, 14497), (288, 14638), (289, 14641),

Gene: Atuin_77 Start: 48877, Stop: 49749, Start Num: 43

Candidate Starts for Atuin_77:

(Start: 43 @48877 has 396 MA's), (62, 48922), (183, 49339), (257, 49564),

Gene: Audrey_15 Start: 13140, Stop: 13949, Start Num: 48

Candidate Starts for Audrey_15:

(Start: 48 @13140 has 54 MA's), (70, 13203), (Start: 90 @13266 has 2 MA's), (123, 13362), (135, 13410), (137, 13416), (150, 13464), (171, 13536), (185, 13566), (191, 13587), (210, 13647), (219, 13668), (244, 13734), (288, 13875), (289, 13878),

Gene: Austelle_14 Start: 13980, Stop: 14774, Start Num: 43

Candidate Starts for Austelle_14:

(Start: 43 @13980 has 396 MA's), (54, 14001), (59, 14013), (Start: 90 @14112 has 2 MA's), (135, 14250), (150, 14304), (156, 14325), (162, 14346), (164, 14352), (171, 14376), (191, 14439), (206, 14481), (244, 14577), (258, 14619), (272, 14661), (285, 14703), (298, 14751),

Gene: Axumite_12 Start: 11636, Stop: 12418, Start Num: 43

Candidate Starts for Axumite_12:

(Start: 43 @11636 has 396 MA's), (50, 11648), (78, 11726), (258, 12272), (263, 12287), (270, 12308), (283, 12350), (285, 12356), (295, 12395),

Gene: BabyDotz_25 Start: 16013, Stop: 16747, Start Num: 51

Candidate Starts for BabyDotz_25:

(Start: 44 @16004 has 94 MA's), (Start: 51 @16013 has 51 MA's), (74, 16073), (102, 16166), (139, 16265), (193, 16427), (209, 16475), (216, 16496), (253, 16595), (260, 16622),

Gene: BabyGotBac_14 Start: 15544, Stop: 16440, Start Num: 43

Candidate Starts for BabyGotBac_14:

(Start: 43 @15544 has 396 MA's), (75, 15622), (85, 15646), (91, 15670), (94, 15679), (113, 15742), (154, 15874), (159, 15889), (168, 15922), (173, 15943), (186, 15982), (189, 15991), (209, 16057), (210, 16063), (212, 16069), (227, 16099), (240, 16129), (244, 16153), (263, 16258), (272, 16291), (285, 16342), (289, 16360), (300, 16399), (308, 16426),

Gene: BaconCheese_29 Start: 17262, Stop: 17996, Start Num: 51

Candidate Starts for BaconCheese_29:

(Start: 44 @17253 has 94 MA's), (Start: 51 @17262 has 51 MA's), (74, 17322), (139, 17514), (193, 17676), (202, 17703), (209, 17724), (215, 17742), (216, 17745), (232, 17772), (233, 17775), (243, 17811), (253, 17844),

Gene: Baddon_21 Start: 17711, Stop: 18538, Start Num: 35

Candidate Starts for Baddon_21:

(Start: 35 @17711 has 52 MA's), (Start: 40 @17720 has 2 MA's), (87, 17822), (121, 17912), (129, 17936), (161, 18053), (174, 18101), (190, 18152), (207, 18206), (227, 18257), (234, 18275), (244, 18305), (250, 18326), (255, 18362), (265, 18392), (286, 18473), (287, 18476), (290, 18491), (295, 18506),

Gene: Badfish_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Badfish_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Bae_14 Start: 13351, Stop: 14157, Start Num: 43

Candidate Starts for Bae_14:

(Start: 43 @13351 has 396 MA's), (55, 13366), (65, 13393), (72, 13417), (81, 13441), (136, 13645), (137, 13648), (159, 13726), (167, 13756), (171, 13768), (193, 13831), (197, 13843), (244, 13960), (258, 14002), (272, 14044), (283, 14080),

Gene: Bakery_21 Start: 13726, Stop: 14538, Start Num: 44

Candidate Starts for Bakery_21:

(Start: 44 @13726 has 94 MA's), (80, 13807), (133, 13957), (167, 14077), (174, 14104), (225, 14254), (263, 14386), (300, 14524),

Gene: Baloo_15 Start: 13140, Stop: 13949, Start Num: 48

Candidate Starts for Baloo_15:

(Start: 48 @13140 has 54 MA's), (70, 13203), (Start: 90 @13266 has 2 MA's), (123, 13362), (135, 13410), (137, 13416), (150, 13464), (171, 13536), (185, 13566), (191, 13587), (210, 13647), (219, 13668), (244, 13734), (288, 13875), (289, 13878),

Gene: Bananafish_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for Bananafish_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: Banjo_12 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for Banjo_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Barb_22 Start: 14500, Stop: 15312, Start Num: 44

Candidate Starts for Barb_22:

(Start: 44 @14500 has 94 MA's), (80, 14581), (133, 14731), (174, 14878), (186, 14914), (225, 15028), (300, 15298),

Gene: Barsten_22 Start: 17286, Stop: 18116, Start Num: 35

Candidate Starts for Barsten_22:

(Start: 35 @17286 has 52 MA's), (Start: 40 @17295 has 2 MA's), (87, 17400), (121, 17490), (129, 17514), (137, 17544), (143, 17568), (161, 17631), (174, 17679), (184, 17706), (227, 17835), (244, 17883), (255, 17940), (263, 17964), (265, 17970), (282, 18039), (286, 18051), (290, 18069), (295, 18084),

Gene: Basato_14 Start: 11836, Stop: 12639, Start Num: 43

Candidate Starts for Basato_14:

(Start: 43 @11836 has 396 MA's), (54, 11857), (59, 11869), (63, 11881), (112, 12043), (137, 12112), (150, 12160), (171, 12232), (190, 12277), (195, 12301), (213, 12352), (242, 12406), (258, 12463), (271, 12502),

Gene: BatteryCK_12 Start: 11155, Stop: 11952, Start Num: 43

Candidate Starts for BatteryCK_12:

(Start: 43 @11155 has 396 MA's), (54, 11176), (59, 11188), (63, 11200), (137, 11431), (150, 11479), (171, 11551), (190, 11596), (195, 11620), (213, 11671), (242, 11725), (258, 11782), (271, 11821),

Gene: Baumdotcom_21 Start: 16480, Stop: 17307, Start Num: 35

Candidate Starts for Baumdotcom_21:

(Start: 35 @16480 has 52 MA's), (Start: 40 @16489 has 2 MA's), (87, 16591), (121, 16681), (161, 16822), (174, 16870), (190, 16921), (207, 16975), (227, 17026), (234, 17044), (244, 17074), (250, 17095), (255, 17131), (265, 17161), (286, 17242), (290, 17260), (295, 17275),

Gene: BayC_14 Start: 15544, Stop: 16440, Start Num: 43

Candidate Starts for BayC_14:

(Start: 43 @15544 has 396 MA's), (75, 15622), (85, 15646), (91, 15670), (94, 15679), (113, 15742), (154, 15874), (159, 15889), (168, 15922), (173, 15943), (186, 15982), (189, 15991), (209, 16057), (210, 16063), (212, 16069), (227, 16099), (240, 16129), (244, 16153), (263, 16258), (272, 16291), (285, 16342), (289, 16360), (300, 16399), (308, 16426),

Gene: BeagleBug_27 Start: 15856, Stop: 16503, Start Num: 117

Candidate Starts for BeagleBug_27:

(Start: 44 @15673 has 94 MA's), (Start: 90 @15784 has 2 MA's), (Start: 117 @15856 has 2 MA's), (137, 15916), (174, 16066), (184, 16093), (190, 16117), (193, 16132), (207, 16171), (209, 16180), (212, 16192), (282, 16414), (297, 16468),

Gene: Beaglebox_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Beaglebox_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Belphegor_19 Start: 15791, Stop: 16621, Start Num: 31

Candidate Starts for Belphegor_19:

(Start: 31 @15791 has 16 MA's), (34, 15797), (54, 15830), (Start: 77 @15884 has 6 MA's), (137, 16055), (139, 16067), (174, 16190), (212, 16313), (244, 16391), (255, 16448), (286, 16559),

Gene: Ben11_14 Start: 12964, Stop: 13773, Start Num: 48

Candidate Starts for Ben11_14:

(Start: 48 @12964 has 54 MA's), (70, 13027), (Start: 90 @13090 has 2 MA's), (123, 13186), (135, 13234), (137, 13240), (150, 13288), (171, 13360), (185, 13390), (191, 13411), (210, 13471), (219, 13492), (244, 13558), (288, 13699), (289, 13702),

Gene: Bernardo_15 Start: 13139, Stop: 13948, Start Num: 48

Candidate Starts for Bernardo_15:

(Start: 48 @13139 has 54 MA's), (70, 13202), (Start: 90 @13265 has 2 MA's), (123, 13361), (135, 13409), (137, 13415), (150, 13463), (171, 13535), (185, 13565), (191, 13586), (210, 13646), (219, 13667), (244, 13733), (288, 13874), (289, 13877),

Gene: Bibwit_22 Start: 17521, Stop: 18351, Start Num: 35

Candidate Starts for Bibwit_22:

(Start: 35 @17521 has 52 MA's), (Start: 40 @17530 has 2 MA's), (87, 17635), (121, 17725), (129, 17749), (137, 17779), (143, 17803), (161, 17866), (174, 17914), (184, 17941), (227, 18070), (244, 18118), (255, 18175), (263, 18199), (265, 18205), (282, 18274), (286, 18286), (290, 18304), (295, 18319),

Gene: Big4_78 Start: 45834, Stop: 46709, Start Num: 43

Candidate Starts for Big4_78:

(Start: 43 @45834 has 396 MA's), (68, 45897), (73, 45909), (209, 46371),

Gene: BigHunkinEater_25 Start: 16649, Stop: 17473, Start Num: 44

Candidate Starts for BigHunkinEater_25:

(37, 16640), (Start: 44 @16649 has 94 MA's), (Start: 77 @16721 has 6 MA's), (96, 16787), (137, 16904), (154, 16961), (174, 17033), (183, 17054), (207, 17135), (212, 17156), (227, 17186), (236, 17207), (244, 17234), (263, 17315), (265, 17321), (270, 17342), (291, 17423),

Gene: BiggityBass_11 Start: 11443, Stop: 12225, Start Num: 43

Candidate Starts for BiggityBass_11:

(Start: 43 @11443 has 396 MA's), (59, 11482), (78, 11536), (Start: 93 @11599 has 7 MA's), (152, 11776), (159, 11800), (249, 12055), (263, 12094), (289, 12181),

Gene: BirdInFrench_25 Start: 14837, Stop: 15583, Start Num: 51

Candidate Starts for BirdInFrench_25:

(Start: 44 @14828 has 94 MA's), (Start: 51 @14837 has 51 MA's), (163, 15164), (207, 15287), (209, 15296), (241, 15371), (243, 15386), (283, 15524), (286, 15533), (296, 15569),

Gene: BirdsNest_18 Start: 12456, Stop: 13232, Start Num: 48

Candidate Starts for BirdsNest_18:

(Start: 48 @12456 has 54 MA's), (54, 12468), (61, 12483), (Start: 90 @12576 has 2 MA's), (136, 12720), (150, 12771), (177, 12861), (191, 12912), (244, 13041), (272, 13125), (285, 13167), (298, 13215),

Gene: Bishoperium_12 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for Bishoperium_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Bizzy_22 Start: 16765, Stop: 17592, Start Num: 35

Candidate Starts for Bizzy_22:

(Start: 35 @16765 has 52 MA's), (Start: 40 @16774 has 2 MA's), (87, 16876), (121, 16966), (161, 17107), (174, 17155), (190, 17206), (207, 17260), (227, 17311), (234, 17329), (244, 17359), (250, 17380), (255, 17416), (265, 17446), (268, 17461), (286, 17527), (290, 17545), (295, 17560),

Gene: Blab_24 Start: 15642, Stop: 16376, Start Num: 51

Candidate Starts for Blab_24:

(Start: 44 @15633 has 94 MA's), (Start: 51 @15642 has 51 MA's), (74, 15702), (139, 15894), (193, 16056), (202, 16083), (209, 16104), (215, 16122), (216, 16125), (232, 16152), (233, 16155), (243, 16191), (253, 16224), (260, 16251),

Gene: BlackStallion_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for BlackStallion_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Blackpen_14 Start: 12606, Stop: 13379, Start Num: 43

Candidate Starts for Blackpen_14:

(Start: 43 @12606 has 396 MA's), (Start: 90 @12738 has 2 MA's), (164, 12969), (174, 13005), (189, 13035), (191, 13044), (244, 13188), (285, 13314), (288, 13329),

Gene: BlackBerry_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for BlackBerry_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Blocker23_16 Start: 14652, Stop: 15470, Start Num: 39

Candidate Starts for Blocker23_16:

(Start: 39 @14652 has 37 MA's), (Start: 90 @14796 has 2 MA's), (114, 14877), (133, 14931), (135, 14937), (152, 14997), (163, 15036), (174, 15075), (191, 15114), (228, 15210), (244, 15258), (258, 15300), (270, 15336), (289, 15402),

Gene: Bloom_86 Start: 50280, Stop: 51149, Start Num: 43

Candidate Starts for Bloom_86:

(Start: 43 @50280 has 396 MA's), (95, 50445), (257, 50964), (263, 50982),

Gene: BlueHusk_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for BlueHusk_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: BlueNGold_87 Start: 43715, Stop: 44404, Start Num: 93

Candidate Starts for BlueNGold_87:

(Start: 93 @43715 has 7 MA's), (118, 43790), (138, 43868), (158, 43940), (161, 43952), (165, 43964), (187, 44039), (200, 44081), (235, 44171), (246, 44213), (265, 44267), (282, 44321), (295, 44369),

Gene: Bluephacebaby_12 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for Bluephacebaby_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: BobBob_19 Start: 16143, Stop: 16973, Start Num: 35

Candidate Starts for BobBob_19:

(Start: 35 @16143 has 52 MA's), (Start: 40 @16152 has 2 MA's), (87, 16257), (121, 16347), (137, 16401), (143, 16425), (161, 16488), (174, 16536), (184, 16563), (189, 16584), (191, 16593), (227, 16692), (244, 16740), (255, 16797), (263, 16821), (265, 16827), (282, 16896), (286, 16908), (290, 16926), (295, 16941),

Gene: BobRoss2024_11 Start: 11473, Stop: 12249, Start Num: 43

Candidate Starts for BobRoss2024_11:

(Start: 43 @11473 has 396 MA's), (59, 11512), (76, 11563), (91, 11617), (244, 12061), (270, 12139), (295, 12226),

Gene: BobbyK_13 Start: 13343, Stop: 14137, Start Num: 43

Candidate Starts for BobbyK_13:

(Start: 43 @13343 has 396 MA's), (54, 13364), (59, 13376), (Start: 90 @13475 has 2 MA's), (135, 13613), (150, 13667), (156, 13688), (162, 13709), (164, 13715), (191, 13802), (206, 13844), (244, 13940), (258, 13982), (272, 14024), (285, 14066), (298, 14114),

Gene: Boehler_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Boehler_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: BooTeria_79 Start: 46313, Stop: 47182, Start Num: 43

Candidate Starts for BooTeria_79:

(Start: 43 @46313 has 396 MA's), (62, 46358), (73, 46394), (144, 46646), (183, 46775), (212, 46865), (257, 46997),

Gene: BoogieWoogie_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for BoogieWoogie_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Boopy_88 Start: 43727, Stop: 44416, Start Num: 93

Candidate Starts for Boopy_88:

(Start: 93 @43727 has 7 MA's), (118, 43802), (138, 43880), (158, 43952), (161, 43964), (165, 43976), (187, 44051), (200, 44093), (235, 44183), (246, 44225), (265, 44279), (282, 44333), (295, 44381),

Gene: Boyle_16 Start: 14653, Stop: 15471, Start Num: 39

Candidate Starts for Boyle_16:

(Start: 39 @14653 has 37 MA's), (Start: 90 @14797 has 2 MA's), (114, 14878), (133, 14932), (135, 14938), (152, 14998), (163, 15037), (174, 15076), (191, 15115), (228, 15211), (244, 15259), (258, 15301), (270, 15337), (289, 15403),

Gene: Brandonk123_23 Start: 16835, Stop: 17665, Start Num: 35

Candidate Starts for Brandonk123_23:

(Start: 35 @16835 has 52 MA's), (Start: 40 @16844 has 2 MA's), (87, 16949), (121, 17039), (129, 17063), (143, 17117), (161, 17180), (174, 17228), (184, 17255), (191, 17285), (227, 17384), (244, 17432), (255, 17489), (265, 17519), (282, 17588), (286, 17600), (290, 17618), (295, 17633),

Gene: Brawn1_19 Start: 16518, Stop: 17348, Start Num: 35

Candidate Starts for Brawn1_19:

(Start: 35 @16518 has 52 MA's), (Start: 40 @16527 has 2 MA's), (87, 16632), (121, 16722), (137, 16776), (143, 16800), (161, 16863), (174, 16911), (184, 16938), (227, 17067), (244, 17115), (255, 17172), (263, 17196), (265, 17202), (282, 17271), (286, 17283), (290, 17301), (295, 17316),

Gene: BrazzalePHS_27 Start: 15687, Stop: 16517, Start Num: 44

Candidate Starts for BrazzalePHS_27:

(Start: 44 @15687 has 94 MA's), (Start: 90 @15798 has 2 MA's), (Start: 117 @15870 has 2 MA's), (137, 15930), (174, 16080), (184, 16107), (190, 16131), (193, 16146), (207, 16185), (209, 16194), (212, 16206), (282, 16428), (297, 16482),

Gene: Briakila_15 Start: 13905, Stop: 14714, Start Num: 48

Candidate Starts for Briakila_15:

(Start: 48 @13905 has 54 MA's), (70, 13968), (Start: 90 @14031 has 2 MA's), (123, 14127), (135, 14175), (137, 14181), (150, 14229), (171, 14301), (185, 14331), (186, 14334), (191, 14352), (210, 14412), (219, 14433), (244, 14499), (288, 14640), (289, 14643),

Gene: Brilliant_13 Start: 11308, Stop: 12105, Start Num: 43

Candidate Starts for Brilliant_13:

(Start: 43 @11308 has 396 MA's), (54, 11329), (59, 11341), (63, 11353), (112, 11515), (137, 11584), (150, 11632), (171, 11704), (190, 11749), (195, 11773), (213, 11824), (242, 11878), (258, 11935),

(271, 11974),

Gene: BrownCNA_14 Start: 13597, Stop: 14391, Start Num: 43

Candidate Starts for BrownCNA_14:

(Start: 43 @13597 has 396 MA's), (54, 13618), (59, 13630), (Start: 90 @13729 has 2 MA's), (135, 13867), (150, 13921), (156, 13942), (162, 13963), (164, 13969), (171, 13993), (191, 14056), (206, 14098), (244, 14194), (258, 14236), (272, 14278), (285, 14320), (298, 14368),

Gene: Brownie5_16 Start: 14652, Stop: 15470, Start Num: 39

Candidate Starts for Brownie5_16:

(Start: 39 @14652 has 37 MA's), (Start: 90 @14796 has 2 MA's), (114, 14877), (133, 14931), (135, 14937), (152, 14997), (163, 15036), (174, 15075), (191, 15114), (228, 15210), (244, 15258), (258, 15300), (270, 15336), (289, 15402),

Gene: Buckeye_13 Start: 11604, Stop: 12407, Start Num: 43

Candidate Starts for Buckeye_13:

(Start: 43 @11604 has 396 MA's), (54, 11625), (59, 11637), (63, 11649), (112, 11811), (137, 11880), (150, 11928), (171, 12000), (190, 12045), (195, 12069), (213, 12120), (242, 12174), (258, 12231), (271, 12270),

Gene: Burr_12 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for Burr_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Busephilis_27 Start: 15623, Stop: 16453, Start Num: 44

Candidate Starts for Busephilis_27:

(Start: 44 @15623 has 94 MA's), (Start: 90 @15734 has 2 MA's), (Start: 117 @15806 has 2 MA's), (137, 15866), (174, 16016), (184, 16043), (190, 16067), (193, 16082), (207, 16121), (209, 16130), (212, 16142), (243, 16214), (282, 16364), (297, 16418),

Gene: CRB2_16 Start: 14223, Stop: 15020, Start Num: 28

Candidate Starts for CRB2_16:

(Start: 28 @14223 has 2 MA's), (54, 14262), (59, 14274), (116, 14457), (131, 14493), (135, 14505), (159, 14589), (244, 14829), (256, 14865), (258, 14871), (285, 14955), (295, 14994), (298, 15003),

Gene: CaiB_14 Start: 13114, Stop: 13887, Start Num: 43

Candidate Starts for CaiB_14:

(Start: 43 @13114 has 396 MA's), (Start: 90 @13246 has 2 MA's), (164, 13477), (189, 13543), (191, 13552), (244, 13696), (285, 13822), (288, 13837),

Gene: Calamitous_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for Calamitous_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: CamL_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for CamL_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: CampRoach_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for CampRoach_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: CandC_24 Start: 14442, Stop: 15179, Start Num: 51

Candidate Starts for CandC_24:

(Start: 44 @14433 has 94 MA's), (Start: 51 @14442 has 51 MA's), (107, 14613), (163, 14769), (207, 14892), (209, 14901), (215, 14919), (243, 14991), (258, 15045), (286, 15138),

Gene: Cannibal_13 Start: 11605, Stop: 12402, Start Num: 43

Candidate Starts for Cannibal_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Carthage_12 Start: 11277, Stop: 12080, Start Num: 43

Candidate Starts for Carthage_12:

(Start: 43 @11277 has 396 MA's), (54, 11298), (59, 11310), (63, 11322), (112, 11484), (137, 11553), (150, 11601), (171, 11673), (190, 11718), (195, 11742), (213, 11793), (242, 11847), (258, 11904), (271, 11943),

Gene: Casbah_14 Start: 12992, Stop: 13801, Start Num: 48

Candidate Starts for Casbah_14:

(Start: 48 @12992 has 54 MA's), (70, 13055), (Start: 90 @13118 has 2 MA's), (123, 13214), (135, 13262), (137, 13268), (150, 13316), (171, 13388), (185, 13418), (191, 13439), (210, 13499), (219, 13520), (244, 13586), (288, 13727), (289, 13730),

Gene: Casend_27 Start: 16359, Stop: 17093, Start Num: 51

Candidate Starts for Casend_27:

(Start: 44 @16350 has 94 MA's), (Start: 51 @16359 has 51 MA's), (74, 16419), (102, 16512), (139, 16611), (193, 16773), (209, 16821), (216, 16842), (253, 16941),

Gene: Caspiboi_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Caspiboi_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Caterpie_10 Start: 10574, Stop: 11407, Start Num: 55

Candidate Starts for Caterpie_10:

(Start: 49 @10559 has 12 MA's), (55, 10574), (Start: 90 @10685 has 2 MA's), (Start: 93 @10697 has 7 MA's), (102, 10730), (137, 10832), (150, 10880), (164, 10928), (171, 10952), (189, 10994), (195, 11021), (231, 11102), (244, 11147), (249, 11165), (272, 11231), (276, 11243), (283, 11267), (288, 11288), (298, 11321),

Gene: Causa_20 Start: 15477, Stop: 16358, Start Num: 43

Candidate Starts for Causa_20:

(Start: 43 @15477 has 396 MA's), (Start: 51 @15489 has 51 MA's), (136, 15765), (140, 15783), (189, 15930), (223, 16029), (227, 16035), (242, 16074), (244, 16089), (249, 16107), (256, 16125), (298, 16290),

Gene: Cece_72 Start: 41904, Stop: 42782, Start Num: 43

Candidate Starts for Cece_72:

(Start: 43 @41904 has 396 MA's), (68, 41967), (73, 41979), (209, 42444), (212, 42456), (261, 42624),

Gene: Cepens_10 Start: 12730, Stop: 13506, Start Num: 49

Candidate Starts for Cepens_10:

(Start: 49 @12730 has 12 MA's), (59, 12751), (60, 12754), (66, 12772), (78, 12805), (91, 12859),

(Start: 93 @12865 has 7 MA's), (102, 12898), (150, 13045), (157, 13069), (159, 13075), (189, 13159), (216, 13243), (237, 13285), (270, 13390), (273, 13396), (289, 13456),

Gene: ChaChing_15 Start: 13155, Stop: 13964, Start Num: 48

Candidate Starts for ChaChing_15:

(Start: 48 @13155 has 54 MA's), (70, 13218), (Start: 90 @13281 has 2 MA's), (123, 13377), (135, 13425), (137, 13431), (150, 13479), (171, 13551), (185, 13581), (191, 13602), (210, 13662), (219, 13683), (244, 13749), (288, 13890), (289, 13893),

Gene: ChadMasterC_21 Start: 17242, Stop: 18072, Start Num: 35

Candidate Starts for ChadMasterC_21:

(Start: 35 @17242 has 52 MA's), (Start: 40 @17251 has 2 MA's), (87, 17356), (121, 17446), (137, 17500), (143, 17524), (161, 17587), (174, 17635), (184, 17662), (227, 17791), (244, 17839), (255, 17896), (263, 17920), (265, 17926), (282, 17995), (286, 18007), (290, 18025), (295, 18040),

Gene: Chaelin_12 Start: 11263, Stop: 12066, Start Num: 43

Candidate Starts for Chaelin_12:

(Start: 43 @11263 has 396 MA's), (54, 11284), (59, 11296), (63, 11308), (112, 11470), (137, 11539), (150, 11587), (171, 11659), (190, 11704), (195, 11728), (213, 11779), (242, 11833), (258, 11890), (271, 11929),

Gene: Chah_13 Start: 11603, Stop: 12406, Start Num: 43

Candidate Starts for Chah_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Chalmers_15 Start: 13948, Stop: 14757, Start Num: 48

Candidate Starts for Chalmers_15:

(Start: 48 @13948 has 54 MA's), (70, 14011), (Start: 90 @14074 has 2 MA's), (123, 14170), (135, 14218), (137, 14224), (150, 14272), (171, 14344), (185, 14374), (191, 14395), (210, 14455), (219, 14476), (244, 14542), (288, 14683), (289, 14686),

Gene: Chandler_15 Start: 13914, Stop: 14723, Start Num: 48

Candidate Starts for Chandler_15:

(Start: 48 @13914 has 54 MA's), (70, 13977), (Start: 90 @14040 has 2 MA's), (123, 14136), (135, 14184), (137, 14190), (150, 14238), (171, 14310), (185, 14340), (186, 14343), (191, 14361), (210, 14421), (219, 14442), (244, 14508), (288, 14649), (289, 14652),

Gene: Charles1_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Charles1_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: CharlieGBrown_12 Start: 11173, Stop: 11970, Start Num: 43

Candidate Starts for CharlieGBrown_12:

(Start: 43 @11173 has 396 MA's), (54, 11194), (59, 11206), (63, 11218), (137, 11449), (150, 11497), (171, 11569), (190, 11614), (195, 11638), (213, 11689), (242, 11743), (258, 11800), (271, 11839),

Gene: CharlottesWeb_12 Start: 11678, Stop: 12469, Start Num: 43

Candidate Starts for CharlottesWeb_12:

(Start: 43 @11678 has 396 MA's), (59, 11714), (78, 11768), (Start: 93 @11834 has 7 MA's), (140, 11972), (191, 12128), (244, 12272), (270, 12350), (288, 12413),

Gene: Charming_19 Start: 16145, Stop: 16975, Start Num: 35

Candidate Starts for Charming_19:

(Start: 35 @16145 has 52 MA's), (Start: 40 @16154 has 2 MA's), (87, 16259), (121, 16349), (137, 16403), (143, 16427), (161, 16490), (174, 16538), (184, 16565), (189, 16586), (191, 16595), (227, 16694), (244, 16742), (255, 16799), (263, 16823), (265, 16829), (282, 16898), (286, 16910), (290, 16928), (295, 16943),

Gene: CheetO_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for CheetO_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Chentzyk_14 Start: 13010, Stop: 13819, Start Num: 48

Candidate Starts for Chentzyk_14:

(Start: 48 @13010 has 54 MA's), (70, 13073), (Start: 90 @13136 has 2 MA's), (123, 13232), (135, 13280), (137, 13286), (150, 13334), (171, 13406), (185, 13436), (191, 13457), (210, 13517), (219, 13538), (244, 13604), (288, 13745), (289, 13748),

Gene: Cher_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Cher_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: CherryCola_23 Start: 14709, Stop: 15521, Start Num: 44

Candidate Starts for CherryCola_23:

(Start: 44 @14709 has 94 MA's), (80, 14790), (133, 14940), (174, 15087), (186, 15123), (225, 15237), (300, 15507),

Gene: Chickadee_21 Start: 15725, Stop: 16555, Start Num: 31

Candidate Starts for Chickadee_21:

(Start: 31 @15725 has 16 MA's), (95, 15881), (97, 15893), (132, 15971), (155, 16055), (167, 16097), (174, 16124), (207, 16226), (227, 16277), (263, 16406), (265, 16412), (270, 16433), (286, 16493), (289, 16508),

Gene: Childish_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Childish_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Chilliams_79 Start: 52107, Stop: 52976, Start Num: 43

Candidate Starts for Chilliams_79:

(Start: 43 @52107 has 396 MA's), (174, 52545), (243, 52722), (257, 52791), (263, 52809),

Gene: Chipette_14 Start: 11837, Stop: 12640, Start Num: 43

Candidate Starts for Chipette_14:

(Start: 43 @11837 has 396 MA's), (54, 11858), (59, 11870), (63, 11882), (112, 12044), (137, 12113), (150, 12161), (171, 12233), (190, 12278), (195, 12302), (213, 12353), (242, 12407), (258, 12464), (271, 12503),

Gene: Chorkpop_13 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Chorkpop_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: ChrisnMich_12 Start: 12252, Stop: 13046, Start Num: 43

Candidate Starts for ChrisnMich_12:

(Start: 43 @12252 has 396 MA's), (54, 12273), (57, 12282), (Start: 77 @12339 has 6 MA's), (Start: 90 @12384 has 2 MA's), (135, 12522), (150, 12576), (156, 12597), (162, 12618), (164, 12624), (206, 12753), (244, 12849), (249, 12867), (258, 12891), (285, 12975), (298, 13023),

Gene: Chuni_12 Start: 11618, Stop: 12415, Start Num: 43

Candidate Starts for Chuni_12:

(Start: 43 @11618 has 396 MA's), (54, 11639), (59, 11651), (63, 11663), (112, 11825), (137, 11894), (150, 11942), (171, 12014), (190, 12059), (195, 12083), (213, 12134), (242, 12188), (258, 12245), (271, 12284),

Gene: Chunky_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Chunky_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Chute_12 Start: 11617, Stop: 12414, Start Num: 43

Candidate Starts for Chute_12:

(Start: 43 @11617 has 396 MA's), (54, 11638), (59, 11650), (63, 11662), (137, 11893), (150, 11941), (171, 12013), (190, 12058), (195, 12082), (213, 12133), (242, 12187), (258, 12244), (271, 12283),

Gene: Cinna_23 Start: 15247, Stop: 16008, Start Num: 77

Candidate Starts for Cinna_23:

(Start: 48 @15178 has 54 MA's), (Start: 77 @15247 has 6 MA's), (129, 15400), (172, 15562), (193, 15646), (207, 15685), (209, 15694), (243, 15778), (244, 15781), (258, 15814), (263, 15829), (269, 15853), (281, 15901), (289, 15931), (292, 15940), (303, 15976),

Gene: ClamChowder_22 Start: 14500, Stop: 15312, Start Num: 44

Candidate Starts for ClamChowder_22:

(Start: 44 @14500 has 94 MA's), (80, 14581), (133, 14731), (174, 14878), (186, 14914), (225, 15028), (300, 15298),

Gene: Clawz_45 Start: 24999, Stop: 25766, Start Num: 43

Candidate Starts for Clawz_45:

(Start: 43 @24999 has 396 MA's), (82, 25101), (Start: 90 @25131 has 2 MA's), (98, 25161), (185, 25413), (194, 25449), (263, 25635),

Gene: ClearAsMud_30 Start: 16413, Stop: 17243, Start Num: 44

Candidate Starts for ClearAsMud_30:

(Start: 44 @16413 has 94 MA's), (Start: 90 @16524 has 2 MA's), (Start: 117 @16596 has 2 MA's), (174, 16806), (184, 16833), (190, 16857), (193, 16872), (209, 16920), (212, 16932), (263, 17079), (268, 17100), (282, 17154), (297, 17208),

Gene: CloverMinnie_14 Start: 13114, Stop: 13887, Start Num: 43

Candidate Starts for CloverMinnie_14:

(Start: 43 @13114 has 396 MA's), (Start: 90 @13246 has 2 MA's), (160, 13465), (164, 13477), (189, 13543), (191, 13552), (244, 13696), (285, 13822), (288, 13837),

Gene: Clown_24 Start: 16474, Stop: 17325, Start Num: 44

Candidate Starts for Clown_24:

(Start: 44 @16474 has 94 MA's), (56, 16492), (67, 16516), (80, 16549), (98, 16621), (127, 16684), (150, 16771), (162, 16813), (174, 16858), (212, 16984), (229, 17014), (241, 17044), (263, 17143), (272, 17170), (295, 17248), (300, 17266),

Gene: Cobra_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Cobra_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Coffee_16 Start: 14649, Stop: 15467, Start Num: 39

Candidate Starts for Coffee_16:

(Start: 39 @14649 has 37 MA's), (Start: 90 @14793 has 2 MA's), (133, 14928), (135, 14934), (152, 14994), (163, 15033), (174, 15072), (191, 15111), (228, 15207), (244, 15255), (258, 15297), (270, 15333), (289, 15399),

Gene: Colbert_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Colbert_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: ColdSoup_46 Start: 25052, Stop: 25819, Start Num: 43

Candidate Starts for ColdSoup_46:

(Start: 43 @25052 has 396 MA's), (69, 25118), (82, 25154), (141, 25325), (143, 25328), (185, 25466), (189, 25478), (197, 25508), (207, 25532), (263, 25688), (265, 25694), (278, 25733), (288, 25772), (296, 25799),

Gene: Coldpizza_14 Start: 13595, Stop: 14395, Start Num: 43

Candidate Starts for Coldpizza_14:

(Start: 43 @13595 has 396 MA's), (153, 13931), (191, 14042), (258, 14228), (272, 14270), (285, 14312),

Gene: Coletti_13 Start: 11617, Stop: 12414, Start Num: 43

Candidate Starts for Coletti_13:

(Start: 43 @11617 has 396 MA's), (54, 11638), (59, 11650), (63, 11662), (137, 11893), (150, 11941), (171, 12013), (190, 12058), (195, 12082), (213, 12133), (242, 12187), (258, 12244), (271, 12283),

Gene: Compostia_16 Start: 13573, Stop: 14382, Start Num: 48

Candidate Starts for Compostia_16:

(Start: 48 @13573 has 54 MA's), (70, 13636), (Start: 90 @13699 has 2 MA's), (123, 13795), (135, 13843), (137, 13849), (150, 13897), (171, 13969), (185, 13999), (186, 14002), (191, 14020), (210, 14080), (219, 14101), (244, 14167), (288, 14308), (289, 14311),

Gene: Cooper_13 Start: 12350, Stop: 13141, Start Num: 43

Candidate Starts for Cooper_13:

(Start: 43 @12350 has 396 MA's), (54, 12362), (57, 12371), (Start: 77 @12428 has 6 MA's), (Start: 90 @12473 has 2 MA's), (111, 12551), (135, 12611), (150, 12665), (156, 12686), (162, 12707), (164, 12713), (206, 12842), (213, 12869), (242, 12929), (244, 12944), (249, 12962), (258, 12986), (272, 13028), (298, 13118),

Gene: Cornbread_12 Start: 11306, Stop: 12109, Start Num: 43

Candidate Starts for Cornbread_12:

(Start: 43 @11306 has 396 MA's), (54, 11327), (59, 11339), (63, 11351), (112, 11513), (137, 11582), (150, 11630), (171, 11702), (190, 11747), (195, 11771), (213, 11822), (242, 11876), (258, 11933), (271, 11972),

Gene: Cornobble_12 Start: 11150, Stop: 11953, Start Num: 43

Candidate Starts for Cornobble_12:

(Start: 43 @11150 has 396 MA's), (54, 11171), (59, 11183), (63, 11195), (112, 11357), (137, 11426), (150, 11474), (171, 11546), (190, 11591), (195, 11615), (213, 11666), (242, 11720), (258, 11777), (271, 11816),

Gene: Corofin_15 Start: 13165, Stop: 13974, Start Num: 48

Candidate Starts for Corofin_15:

(Start: 48 @13165 has 54 MA's), (70, 13228), (Start: 90 @13291 has 2 MA's), (123, 13387), (135, 13435), (137, 13441), (150, 13489), (171, 13561), (185, 13591), (186, 13594), (191, 13612), (210, 13672), (219, 13693), (244, 13759), (288, 13900), (289, 13903),

Gene: Cosmolli16_12 Start: 11307, Stop: 12110, Start Num: 43

Candidate Starts for Cosmolli16_12:

(Start: 43 @11307 has 396 MA's), (54, 11328), (59, 11340), (63, 11352), (112, 11514), (137, 11583), (150, 11631), (171, 11703), (190, 11748), (195, 11772), (213, 11823), (242, 11877), (258, 11934), (271, 11973),

Gene: CoveyB_22 Start: 14345, Stop: 15157, Start Num: 44

Candidate Starts for CoveyB_22:

(Start: 44 @14345 has 94 MA's), (80, 14426), (133, 14576), (174, 14723), (186, 14759), (225, 14873), (300, 15143),

Gene: Craff_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Craff_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Cranjis_29 Start: 15847, Stop: 16677, Start Num: 44

Candidate Starts for Cranjis_29:

(Start: 44 @15847 has 94 MA's), (Start: 90 @15958 has 2 MA's), (Start: 117 @16030 has 2 MA's), (137, 16090), (174, 16240), (184, 16267), (190, 16291), (193, 16306), (207, 16345), (209, 16354), (212, 16366), (282, 16588), (297, 16642),

Gene: CrazyRich_27 Start: 15657, Stop: 16487, Start Num: 44

Candidate Starts for CrazyRich_27:

(Start: 44 @15657 has 94 MA's), (Start: 90 @15768 has 2 MA's), (Start: 117 @15840 has 2 MA's), (137, 15900), (174, 16050), (184, 16077), (190, 16101), (193, 16116), (207, 16155), (209, 16164), (212, 16176), (282, 16398), (297, 16452),

Gene: Cressida_25 Start: 15291, Stop: 16052, Start Num: 77

Candidate Starts for Cressida_25:

(Start: 48 @15222 has 54 MA's), (Start: 77 @15291 has 6 MA's), (129, 15444), (172, 15606), (184, 15651), (193, 15690), (207, 15729), (209, 15738), (243, 15822), (244, 15825), (258, 15858), (263, 15873), (269, 15897), (289, 15975), (292, 15984), (303, 16020),

Gene: Crisis_29 Start: 15642, Stop: 16472, Start Num: 44

Candidate Starts for Crisis_29:

(Start: 44 @15642 has 94 MA's), (Start: 90 @15753 has 2 MA's), (Start: 117 @15825 has 2 MA's), (137, 15885), (174, 16035), (190, 16086), (193, 16101), (207, 16140), (209, 16149), (212, 16161), (282, 16383), (297, 16437),

Gene: Crownjwl_13 Start: 11387, Stop: 12190, Start Num: 43

Candidate Starts for Crownjwl_13:

(Start: 43 @11387 has 396 MA's), (54, 11408), (59, 11420), (63, 11432), (112, 11594), (137, 11663), (150, 11711), (171, 11783), (190, 11828), (195, 11852), (213, 11903), (242, 11957), (258, 12014), (271, 12053),

Gene: D12_10 Start: 12708, Stop: 13484, Start Num: 49

Candidate Starts for D12_10:

(Start: 49 @12708 has 12 MA's), (59, 12729), (60, 12732), (66, 12750), (78, 12783), (91, 12837), (Start: 93 @12843 has 7 MA's), (102, 12876), (150, 13023), (157, 13047), (159, 13053), (189, 13137), (216, 13221), (237, 13263), (270, 13368), (273, 13374), (289, 13434),

Gene: DaddyDaniels_13 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for DaddyDaniels_13:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: Daffy_13 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Daffy_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Daisy_15 Start: 13161, Stop: 13970, Start Num: 48

Candidate Starts for Daisy_15:

(Start: 48 @13161 has 54 MA's), (70, 13224), (Start: 90 @13287 has 2 MA's), (123, 13383), (135, 13431), (137, 13437), (150, 13485), (171, 13557), (185, 13587), (186, 13590), (191, 13608), (210, 13668), (219, 13689), (244, 13755), (288, 13896), (289, 13899),

Gene: Daka_13 Start: 11605, Stop: 12402, Start Num: 43

Candidate Starts for Daka_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Danyall_22 Start: 14345, Stop: 15157, Start Num: 44

Candidate Starts for Danyall_22:

(Start: 44 @14345 has 94 MA's), (80, 14426), (133, 14576), (174, 14723), (186, 14759), (225, 14873), (300, 15143),

Gene: Dati_13 Start: 11303, Stop: 12106, Start Num: 43

Candidate Starts for Dati_13:

(Start: 43 @11303 has 396 MA's), (54, 11324), (59, 11336), (63, 11348), (112, 11510), (137, 11579), (150, 11627), (171, 11699), (190, 11744), (195, 11768), (213, 11819), (242, 11873), (258, 11930), (271, 11969),

Gene: Deenasa_15 Start: 13903, Stop: 14712, Start Num: 48

Candidate Starts for Deenasa_15:

(Start: 48 @13903 has 54 MA's), (70, 13966), (Start: 90 @14029 has 2 MA's), (123, 14125), (135, 14173), (137, 14179), (150, 14227), (171, 14299), (185, 14329), (191, 14350), (210, 14410), (219, 14431), (244, 14497), (288, 14638), (289, 14641),

Gene: DelRivs_12 Start: 11308, Stop: 12111, Start Num: 43

Candidate Starts for DelRivs_12:

(Start: 43 @11308 has 396 MA's), (54, 11329), (59, 11341), (63, 11353), (112, 11515), (137, 11584), (150, 11632), (171, 11704), (190, 11749), (195, 11773), (213, 11824), (242, 11878), (258, 11935), (271, 11974),

Gene: Delrey21_22 Start: 17000, Stop: 17824, Start Num: 44

Candidate Starts for Delrey21_22:

(Start: 44 @17000 has 94 MA's), (Start: 77 @17072 has 6 MA's), (137, 17255), (146, 17282), (154, 17312), (174, 17384), (183, 17405), (207, 17486), (227, 17537), (236, 17558), (244, 17585), (255, 17642), (263, 17666), (265, 17672), (268, 17687), (270, 17693), (291, 17774), (295, 17786),

Gene: Derg_17 Start: 16357, Stop: 17184, Start Num: 35

Candidate Starts for Derg_17:

(Start: 35 @16357 has 52 MA's), (Start: 40 @16366 has 2 MA's), (87, 16468), (121, 16558), (129, 16582), (161, 16699), (174, 16747), (190, 16798), (207, 16852), (227, 16903), (234, 16921), (244, 16951), (250, 16972), (255, 17008), (265, 17038), (268, 17053), (286, 17119), (290, 17137), (295, 17152), (300, 17170),

Gene: Derpp_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for Derpp_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Devonte_15 Start: 13140, Stop: 13949, Start Num: 48

Candidate Starts for Devonte_15:

(Start: 48 @13140 has 54 MA's), (70, 13203), (Start: 90 @13266 has 2 MA's), (123, 13362), (135, 13410), (137, 13416), (150, 13464), (171, 13536), (185, 13566), (191, 13587), (210, 13647), (219, 13668), (244, 13734), (288, 13875), (289, 13878),

Gene: Dewdrop_62 Start: 32410, Stop: 33225, Start Num: 44

Candidate Starts for Dewdrop_62:

(Start: 44 @32410 has 94 MA's), (Start: 77 @32482 has 6 MA's), (Start: 90 @32524 has 2 MA's), (126, 32614), (128, 32623), (183, 32800), (212, 32899), (244, 32977), (264, 33028),

Gene: Dxdert_22 Start: 16169, Stop: 16999, Start Num: 31

Candidate Starts for Dextert_22:

(Start: 31 @16169 has 16 MA's), (95, 16325), (97, 16337), (155, 16499), (167, 16541), (174, 16568), (207, 16670), (227, 16721), (263, 16850), (265, 16856), (270, 16877), (286, 16937), (289, 16952),

Gene: Dice_12 Start: 11308, Stop: 12105, Start Num: 43

Candidate Starts for Dice_12:

(Start: 43 @11308 has 396 MA's), (54, 11329), (59, 11341), (63, 11353), (112, 11515), (137, 11584), (150, 11632), (171, 11704), (190, 11749), (195, 11773), (213, 11824), (242, 11878), (258, 11935), (271, 11974),

Gene: DigitDog_14 Start: 13334, Stop: 14140, Start Num: 43

Candidate Starts for DigitDog_14:

(Start: 43 @13334 has 396 MA's), (81, 13424), (136, 13628), (159, 13709), (171, 13751), (193, 13814), (197, 13826), (221, 13886), (244, 13943), (258, 13985), (283, 14063), (298, 14117),

Gene: Dingo_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Dingo_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Dione_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Dione_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: DirtJuice_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for DirtJuice_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: DoctorFroggo_22 Start: 17000, Stop: 17824, Start Num: 44

Candidate Starts for DoctorFroggo_22:

(Start: 44 @17000 has 94 MA's), (Start: 77 @17072 has 6 MA's), (137, 17255), (146, 17282), (154, 17312), (174, 17384), (183, 17405), (207, 17486), (227, 17537), (236, 17558), (244, 17585), (255, 17642), (263, 17666), (265, 17672), (268, 17687), (270, 17693), (291, 17774), (295, 17786),

Gene: Doddsville_13 Start: 11303, Stop: 12106, Start Num: 43

Candidate Starts for Doddsville_13:

(Start: 43 @11303 has 396 MA's), (54, 11324), (59, 11336), (63, 11348), (112, 11510), (137, 11579), (150, 11627), (171, 11699), (190, 11744), (195, 11768), (213, 11819), (242, 11873), (258, 11930), (271, 11969),

Gene: Dodo_91 Start: 47314, Stop: 48195, Start Num: 43

Candidate Starts for Dodo_91:

(Start: 43 @47314 has 396 MA's), (68, 47377), (73, 47389), (138, 47626), (179, 47764), (186, 47779), (209, 47857), (243, 47959), (277, 48097),

Gene: DoesntMatter_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for DoesntMatter_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: DoIOn_14 Start: 11837, Stop: 12640, Start Num: 43

Candidate Starts for DoIOn_14:

(Start: 43 @11837 has 396 MA's), (54, 11858), (59, 11870), (63, 11882), (112, 12044), (137, 12113), (150, 12161), (171, 12233), (190, 12278), (195, 12302), (213, 12353), (242, 12407), (258, 12464), (271, 12503),

Gene: DonSanchon_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for DonSanchon_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: DonTron_45 Start: 25122, Stop: 25889, Start Num: 43

Candidate Starts for DonTron_45:

(Start: 43 @25122 has 396 MA's), (69, 25188), (82, 25224), (141, 25395), (143, 25398), (189, 25548), (207, 25602), (263, 25758), (265, 25764), (288, 25842), (296, 25869),

Gene: DonaldDuck_25 Start: 15705, Stop: 16439, Start Num: 51

Candidate Starts for DonaldDuck_25:

(Start: 44 @15696 has 94 MA's), (Start: 51 @15705 has 51 MA's), (74, 15765), (102, 15858), (139, 15957), (193, 16119), (209, 16167), (216, 16188), (253, 16287),

Gene: Donny_14 Start: 13351, Stop: 14157, Start Num: 43

Candidate Starts for Donny_14:

(Start: 43 @13351 has 396 MA's), (55, 13366), (65, 13393), (81, 13441), (159, 13726), (171, 13768), (178, 13786), (186, 13804), (193, 13831), (197, 13843), (221, 13903), (244, 13960), (249, 13978), (258, 14002), (272, 14044), (283, 14080),

Gene: Dori_11 Start: 10375, Stop: 11223, Start Num: 49

Candidate Starts for Dori_11:

(Start: 49 @10375 has 12 MA's), (55, 10390), (Start: 90 @10501 has 2 MA's), (Start: 93 @10513 has 7 MA's), (102, 10546), (137, 10648), (150, 10696), (164, 10744), (171, 10768), (189, 10810), (195, 10837), (226, 10912), (231, 10918), (242, 10948), (244, 10963), (249, 10981), (272, 11047), (276, 11059), (283, 11083), (288, 11104), (298, 11137),

Gene: DuchessDung_12 Start: 11155, Stop: 11952, Start Num: 43

Candidate Starts for DuchessDung_12:

(Start: 43 @11155 has 396 MA's), (54, 11176), (59, 11188), (63, 11200), (137, 11431), (150, 11479), (171, 11551), (190, 11596), (195, 11620), (213, 11671), (242, 11725), (258, 11782), (271, 11821),

Gene: Duggie_12 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for Duggie_12:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: DunneganBoMo_72 Start: 45738, Stop: 46607, Start Num: 43

Candidate Starts for DunneganBoMo_72:

(Start: 43 @45738 has 396 MA's), (62, 45783), (73, 45819), (144, 46071), (183, 46200), (212, 46290), (257, 46422),

Gene: Durga_13 Start: 11616, Stop: 12413, Start Num: 43

Candidate Starts for Durga_13:

(Start: 43 @11616 has 396 MA's), (54, 11637), (59, 11649), (63, 11661), (112, 11823), (137, 11892), (150, 11940), (171, 12012), (190, 12057), (195, 12081), (213, 12132), (242, 12186), (258, 12243), (271, 12282),

Gene: EMoore_17 Start: 15039, Stop: 15869, Start Num: 31

Candidate Starts for EMoore_17:

(Start: 31 @15039 has 16 MA's), (34, 15045), (52, 15072), (54, 15078), (Start: 77 @15132 has 6 MA's), (137, 15303), (139, 15315), (161, 15390), (174, 15438), (190, 15486), (207, 15540), (230, 15594), (244, 15639), (255, 15696), (286, 15807),

Gene: Eaglehorse_16 Start: 14556, Stop: 15374, Start Num: 39

Candidate Starts for Eaglehorse_16:

(Start: 39 @14556 has 37 MA's), (Start: 90 @14700 has 2 MA's), (114, 14781), (133, 14835), (135, 14841), (152, 14901), (163, 14940), (174, 14979), (191, 15018), (228, 15114), (244, 15162), (258, 15204), (270, 15240), (289, 15306),

Gene: EarickHC_28 Start: 15751, Stop: 16398, Start Num: 117

Candidate Starts for EarickHC_28:

(Start: 44 @15568 has 94 MA's), (Start: 90 @15679 has 2 MA's), (Start: 117 @15751 has 2 MA's), (137, 15811), (174, 15961), (190, 16012), (193, 16027), (207, 16066), (209, 16075), (212, 16087), (282, 16309), (297, 16363),

Gene: EastView9101_14 Start: 13358, Stop: 14164, Start Num: 43

Candidate Starts for EastView9101_14:

(Start: 43 @13358 has 396 MA's), (55, 13373), (65, 13400), (81, 13448), (137, 13655), (150, 13703), (159, 13733), (171, 13775), (178, 13793), (186, 13811), (193, 13838), (197, 13850), (221, 13910), (244, 13967), (258, 14009), (283, 14087),

Gene: EdmundFerry_20 Start: 15753, Stop: 16583, Start Num: 31

Candidate Starts for EdmundFerry_20:

(Start: 31 @15753 has 16 MA's), (95, 15909), (97, 15921), (132, 15999), (155, 16083), (167, 16125), (174, 16152), (207, 16254), (212, 16275), (227, 16305), (263, 16434), (265, 16440), (270, 16461), (286, 16521),

Gene: Egi03_20 Start: 13961, Stop: 14773, Start Num: 44

Candidate Starts for Egi03_20:

(Start: 44 @13961 has 94 MA's), (80, 14042), (133, 14192), (174, 14339), (186, 14375), (225, 14489), (300, 14759),

Gene: Ellewin_71 Start: 45333, Stop: 46202, Start Num: 43

Candidate Starts for Ellewin_71:

(Start: 43 @45333 has 396 MA's), (62, 45378), (73, 45414), (144, 45666), (183, 45795), (212, 45885), (257, 46017),

Gene: ElvisPhasley_13 Start: 11603, Stop: 12406, Start Num: 43

Candidate Starts for ElvisPhasley_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230),

(271, 12269),

Gene: EmGer13_12 Start: 11149, Stop: 11952, Start Num: 43

Candidate Starts for EmGer13_12:

(Start: 43 @11149 has 396 MA's), (54, 11170), (59, 11182), (63, 11194), (112, 11356), (137, 11425), (150, 11473), (171, 11545), (190, 11590), (195, 11614), (213, 11665), (242, 11719), (258, 11776), (271, 11815),

Gene: Emiris_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for Emiris_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Emmetator_75 Start: 46485, Stop: 47354, Start Num: 43

Candidate Starts for Emmetator_75:

(Start: 43 @46485 has 396 MA's), (62, 46530), (73, 46566), (144, 46818), (183, 46947), (212, 47037), (257, 47169),

Gene: EmpTee_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for EmpTee_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Epah_12 Start: 12252, Stop: 13046, Start Num: 43

Candidate Starts for Epah_12:

(Start: 43 @12252 has 396 MA's), (54, 12273), (57, 12282), (Start: 77 @12339 has 6 MA's), (Start: 90 @12384 has 2 MA's), (135, 12522), (150, 12576), (156, 12597), (162, 12618), (164, 12624), (191, 12711), (206, 12753), (244, 12849), (249, 12867), (258, 12891), (272, 12933), (285, 12975), (298, 13023),

Gene: Erasmago_80 Start: 43489, Stop: 44364, Start Num: 43

Candidate Starts for Erasmago_80:

(Start: 43 @43489 has 396 MA's), (68, 43552), (73, 43564), (209, 44026),

Gene: Eremos_13 Start: 11596, Stop: 12399, Start Num: 43

Candidate Starts for Eremos_13:

(Start: 43 @11596 has 396 MA's), (54, 11617), (59, 11629), (63, 11641), (112, 11803), (137, 11872), (150, 11920), (171, 11992), (190, 12037), (195, 12061), (213, 12112), (242, 12166), (258, 12223), (271, 12262),

Gene: Etaye_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for Etaye_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Eugenia_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for Eugenia_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Evaa_13 Start: 12976, Stop: 13755, Start Num: 43

Candidate Starts for Evaa_13:

(Start: 43 @12976 has 396 MA's), (153, 13312), (191, 13420), (231, 13519), (244, 13564), (258, 13606), (272, 13648),

Gene: Evamon_20 Start: 13832, Stop: 14644, Start Num: 44

Candidate Starts for Evamon_20:

(Start: 44 @13832 has 94 MA's), (80, 13913), (133, 14063), (174, 14210), (186, 14246), (225, 14360), (300, 14630),

Gene: EverythinBagel_25 Start: 16093, Stop: 16827, Start Num: 51

Candidate Starts for EverythinBagel_25:

(Start: 44 @16084 has 94 MA's), (Start: 51 @16093 has 51 MA's), (102, 16246), (139, 16345), (193, 16507), (209, 16555), (216, 16576), (232, 16603), (253, 16675), (260, 16702), (278, 16762),

Gene: Fanaw_13 Start: 13346, Stop: 14140, Start Num: 43

Candidate Starts for Fanaw_13:

(Start: 43 @13346 has 396 MA's), (54, 13367), (Start: 90 @13478 has 2 MA's), (135, 13616), (156, 13691), (164, 13718), (171, 13742), (191, 13805), (206, 13847), (244, 13943), (245, 13946), (258, 13985), (272, 14027), (285, 14069), (298, 14117),

Gene: Fang_13 Start: 11606, Stop: 12403, Start Num: 43

Candidate Starts for Fang_13:

(Start: 43 @11606 has 396 MA's), (54, 11627), (59, 11639), (63, 11651), (112, 11813), (137, 11882), (150, 11930), (171, 12002), (190, 12047), (195, 12071), (213, 12122), (242, 12176), (258, 12233), (271, 12272),

Gene: Faze9_16 Start: 14649, Stop: 15467, Start Num: 39

Candidate Starts for Faze9_16:

(Start: 39 @14649 has 37 MA's), (Start: 90 @14793 has 2 MA's), (114, 14874), (133, 14928), (135, 14934), (152, 14994), (163, 15033), (174, 15072), (191, 15111), (228, 15207), (244, 15255), (258, 15297), (270, 15333), (289, 15399),

Gene: FelixTres_14 Start: 13114, Stop: 13887, Start Num: 43

Candidate Starts for FelixTres_14:

(Start: 43 @13114 has 396 MA's), (Start: 90 @13246 has 2 MA's), (164, 13477), (189, 13543), (191, 13552), (244, 13696), (285, 13822), (288, 13837),

Gene: Fireball_21 Start: 13964, Stop: 14776, Start Num: 44

Candidate Starts for Fireball_21:

(Start: 44 @13964 has 94 MA's), (80, 14045), (133, 14195), (174, 14342), (186, 14378), (225, 14492), (300, 14762),

Gene: Fireman_28 Start: 15540, Stop: 16349, Start Num: 44

Candidate Starts for Fireman_28:

(Start: 44 @15540 has 94 MA's), (88, 15642), (Start: 90 @15651 has 2 MA's), (92, 15660), (115, 15720), (Start: 117 @15723 has 2 MA's), (137, 15783), (172, 15918), (181, 15957), (207, 16041), (209, 16050), (268, 16206), (282, 16260), (297, 16314), (305, 16338),

Gene: Fitzgerald_19 Start: 16571, Stop: 17401, Start Num: 35

Candidate Starts for Fitzgerald_19:

(Start: 35 @16571 has 52 MA's), (Start: 40 @16580 has 2 MA's), (87, 16685), (121, 16775), (137, 16829), (143, 16853), (161, 16916), (174, 16964), (227, 17120), (244, 17168), (255, 17225), (263, 17249), (265, 17255), (282, 17324), (286, 17336), (290, 17354), (295, 17369),

Gene: Fizzles_26 Start: 15665, Stop: 16411, Start Num: 51

Candidate Starts for Fizzles_26:

(Start: 44 @15656 has 94 MA's), (Start: 51 @15665 has 51 MA's), (102, 15818), (139, 15917), (163, 15995), (208, 16124), (209, 16127), (215, 16145), (243, 16214), (290, 16379),

Gene: Flake_13 Start: 11619, Stop: 12416, Start Num: 43

Candidate Starts for Flake_13:

(Start: 43 @11619 has 396 MA's), (54, 11640), (59, 11652), (63, 11664), (112, 11826), (137, 11895), (150, 11943), (171, 12015), (190, 12060), (195, 12084), (213, 12135), (242, 12189), (258, 12246), (271, 12285),

Gene: Flatwoods_22 Start: 16784, Stop: 17611, Start Num: 35

Candidate Starts for Flatwoods_22:

(Start: 35 @16784 has 52 MA's), (Start: 40 @16793 has 2 MA's), (87, 16895), (121, 16985), (129, 17009), (161, 17126), (174, 17174), (190, 17225), (207, 17279), (227, 17330), (234, 17348), (244, 17378), (250, 17399), (255, 17435), (265, 17465), (268, 17480), (286, 17546), (290, 17564), (295, 17579), (300, 17597),

Gene: FleetyMac_12 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for FleetyMac_12:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: FloraSnap32_82 Start: 49317, Stop: 50186, Start Num: 43

Candidate Starts for FloraSnap32_82:

(Start: 43 @49317 has 396 MA's), (95, 49482), (257, 50001), (263, 50019),

Gene: FluffyNinja_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for FluffyNinja_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: ForDig_11 Start: 11818, Stop: 12585, Start Num: 43

Candidate Starts for ForDig_11:

(Start: 43 @11818 has 396 MA's), (54, 11839), (156, 12154), (185, 12235), (191, 12256), (244, 12394), (249, 12412), (276, 12490), (285, 12520),

Gene: Fortunato_13 Start: 13340, Stop: 14134, Start Num: 43

Candidate Starts for Fortunato_13:

(Start: 43 @13340 has 396 MA's), (54, 13361), (Start: 90 @13472 has 2 MA's), (135, 13610), (150, 13664), (156, 13685), (162, 13706), (164, 13712), (191, 13799), (206, 13841), (244, 13937), (245, 13940), (258, 13979), (272, 14021), (285, 14063), (298, 14111),

Gene: Forza_88 Start: 43643, Stop: 44332, Start Num: 93

Candidate Starts for Forza_88:

(Start: 93 @43643 has 7 MA's), (118, 43718), (138, 43796), (158, 43868), (161, 43880), (165, 43892), (187, 43967), (200, 44009), (235, 44099), (246, 44141), (265, 44195), (282, 44249), (295, 44297),

Gene: Fosterous_19 Start: 17034, Stop: 17864, Start Num: 35

Candidate Starts for Fosterous_19:

(Start: 35 @17034 has 52 MA's), (Start: 40 @17043 has 2 MA's), (87, 17148), (98, 17196), (121, 17238), (129, 17262), (137, 17292), (143, 17316), (161, 17379), (174, 17427), (227, 17583), (244, 17631), (255, 17688), (263, 17712), (265, 17718), (282, 17787), (286, 17799), (290, 17817), (295, 17832),

Gene: Fozzie_12 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for Fozzie_12:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: FrankDeliGuy_23 Start: 15667, Stop: 16401, Start Num: 51

Candidate Starts for FrankDeliGuy_23:

(Start: 44 @15658 has 94 MA's), (Start: 51 @15667 has 51 MA's), (74, 15727), (102, 15820), (139, 15919), (193, 16081), (209, 16129), (216, 16150), (253, 16249),

Gene: Frankicide_13 Start: 11604, Stop: 12407, Start Num: 43

Candidate Starts for Frankicide_13:

(Start: 43 @11604 has 396 MA's), (54, 11625), (59, 11637), (63, 11649), (112, 11811), (137, 11880), (150, 11928), (171, 12000), (190, 12045), (195, 12069), (213, 12120), (242, 12174), (258, 12231), (271, 12270),

Gene: Fransoyer_28 Start: 15730, Stop: 16464, Start Num: 51

Candidate Starts for Fransoyer_28:

(Start: 51 @15730 has 51 MA's), (106, 15898), (139, 15979), (209, 16186), (243, 16276), (259, 16333), (267, 16363),

Gene: Frederick_13 Start: 13346, Stop: 14140, Start Num: 43

Candidate Starts for Frederick_13:

(Start: 43 @13346 has 396 MA's), (54, 13367), (59, 13379), (Start: 90 @13478 has 2 MA's), (135, 13616), (150, 13670), (156, 13691), (162, 13712), (164, 13718), (191, 13805), (206, 13847), (244, 13943), (258, 13985), (272, 14027), (285, 14069), (298, 14117),

Gene: Fregley_26 Start: 15015, Stop: 15752, Start Num: 51

Candidate Starts for Fregley_26:

(Start: 44 @15006 has 94 MA's), (Start: 51 @15015 has 51 MA's), (107, 15186), (163, 15342), (207, 15465), (209, 15474), (215, 15492), (243, 15564), (258, 15618), (286, 15711),

Gene: FremontTroll_13 Start: 11307, Stop: 12104, Start Num: 43

Candidate Starts for FremontTroll_13:

(Start: 43 @11307 has 396 MA's), (54, 11328), (59, 11340), (63, 11352), (112, 11514), (137, 11583), (150, 11631), (171, 11703), (190, 11748), (195, 11772), (213, 11823), (242, 11877), (258, 11934), (271, 11973),

Gene: FrenchFry_16 Start: 14652, Stop: 15470, Start Num: 39

Candidate Starts for FrenchFry_16:

(Start: 39 @14652 has 37 MA's), (Start: 90 @14796 has 2 MA's), (91, 14802), (114, 14877), (133, 14931), (135, 14937), (152, 14997), (163, 15036), (174, 15075), (191, 15114), (228, 15210), (244, 15258), (258, 15300), (270, 15336), (289, 15402),

Gene: Fresco_12 Start: 11636, Stop: 12418, Start Num: 43

Candidate Starts for Fresco_12:

(Start: 43 @11636 has 396 MA's), (50, 11648), (78, 11726), (258, 12272), (263, 12287), (270, 12308), (283, 12350), (285, 12356), (295, 12395),

Gene: Freya_12 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for Freya_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: FriarPreacher_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for FriarPreacher_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Fringe_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for Fringe_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: FrostedClock_85 Start: 49768, Stop: 50637, Start Num: 43

Candidate Starts for FrostedClock_85:

(Start: 43 @49768 has 396 MA's), (95, 49933), (257, 50452), (263, 50470),

Gene: FuegoCuervo_24 Start: 16323, Stop: 17153, Start Num: 35

Candidate Starts for FuegoCuervo_24:

(Start: 35 @16323 has 52 MA's), (Start: 40 @16332 has 2 MA's), (87, 16437), (121, 16527), (129, 16551), (137, 16581), (143, 16605), (161, 16668), (174, 16716), (184, 16743), (191, 16773), (227, 16872), (244, 16920), (255, 16977), (265, 17007), (282, 17076), (286, 17088), (290, 17106), (295, 17121),

Gene: FugateOSU_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for FugateOSU_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Fugax_22 Start: 14500, Stop: 15312, Start Num: 44

Candidate Starts for Fugax_22:

(Start: 44 @14500 has 94 MA's), (80, 14581), (133, 14731), (174, 14878), (186, 14914), (225, 15028), (300, 15298),

Gene: Funsized_18 Start: 15411, Stop: 16229, Start Num: 43

Candidate Starts for Funsized_18:

(Start: 43 @15411 has 396 MA's), (54, 15441), (59, 15453), (85, 15531), (137, 15699), (145, 15729), (166, 15804), (191, 15876), (204, 15915), (221, 15960), (226, 15966), (237, 15987), (240, 15993), (270, 16104), (288, 16167),

Gene: FuzzBuster_33 Start: 16274, Stop: 17122, Start Num: 44

Candidate Starts for FuzzBuster_33:

(22, 16175), (Start: 44 @16274 has 94 MA's), (58, 16301), (Start: 117 @16463 has 2 MA's), (186, 16700), (195, 16736), (207, 16766), (241, 16847), (269, 16940), (294, 17036), (307, 17087),

Gene: GMA2_17 Start: 17011, Stop: 17706, Start Num: 93

Candidate Starts for GMA2_17:

(Start: 93 @17011 has 7 MA's), (120, 17089), (165, 17260), (193, 17362), (200, 17383), (224, 17446), (235, 17473), (247, 17518), (259, 17551), (263, 17563), (282, 17623), (295, 17671), (297, 17677),

Gene: GTE6_21 Start: 16242, Stop: 17072, Start Num: 31

Candidate Starts for GTE6_21:

(Start: 31 @16242 has 16 MA's), (95, 16398), (97, 16410), (132, 16488), (155, 16572), (167, 16614), (174, 16641), (207, 16743), (227, 16794), (263, 16923), (265, 16929), (270, 16950), (286, 17010), (289, 17025), (295, 17043),

Gene: Gadjet_16 Start: 13144, Stop: 13953, Start Num: 48

Candidate Starts for Gadjet_16:

(Start: 48 @13144 has 54 MA's), (70, 13207), (Start: 90 @13270 has 2 MA's), (123, 13366), (135, 13414), (137, 13420), (150, 13468), (171, 13540), (185, 13570), (191, 13591), (210, 13651), (219, 13672), (244, 13738), (288, 13879), (289, 13882),

Gene: Gaea_21 Start: 16472, Stop: 17299, Start Num: 35

Candidate Starts for Gaea_21:

(Start: 35 @16472 has 52 MA's), (Start: 40 @16481 has 2 MA's), (87, 16583), (121, 16673), (161, 16814), (174, 16862), (190, 16913), (207, 16967), (227, 17018), (234, 17036), (244, 17066), (250, 17087), (255, 17123), (265, 17153), (286, 17234), (290, 17252), (295, 17267),

Gene: Galadriel_23 Start: 16884, Stop: 17714, Start Num: 35

Candidate Starts for Galadriel_23:

(Start: 35 @16884 has 52 MA's), (Start: 40 @16893 has 2 MA's), (87, 16998), (121, 17088), (137, 17142), (143, 17166), (161, 17229), (174, 17277), (184, 17304), (191, 17334), (227, 17433), (244, 17481), (255, 17538), (263, 17562), (265, 17568), (282, 17637), (286, 17649), (290, 17667), (295, 17682),

Gene: Ganandorf_27 Start: 15815, Stop: 16534, Start Num: 90

Candidate Starts for Ganandorf_27:

(Start: 44 @15704 has 94 MA's), (Start: 90 @15815 has 2 MA's), (Start: 117 @15887 has 2 MA's), (137, 15947), (174, 16097), (184, 16124), (190, 16148), (193, 16163), (207, 16202), (209, 16211), (212, 16223), (282, 16445), (297, 16499),

Gene: Gareth_12 Start: 11306, Stop: 12103, Start Num: 43

Candidate Starts for Gareth_12:

(Start: 43 @11306 has 396 MA's), (54, 11327), (59, 11339), (63, 11351), (112, 11513), (137, 11582), (150, 11630), (171, 11702), (190, 11747), (195, 11771), (213, 11822), (242, 11876), (258, 11933), (271, 11972),

Gene: Gazebo_25 Start: 16208, Stop: 16942, Start Num: 51

Candidate Starts for Gazebo_25:

(Start: 44 @16199 has 94 MA's), (Start: 51 @16208 has 51 MA's), (74, 16268), (139, 16460), (193, 16622), (202, 16649), (209, 16670), (216, 16691), (232, 16718), (233, 16721), (243, 16757), (253, 16790), (260, 16817),

Gene: GeneCoco_13 Start: 11608, Stop: 12405, Start Num: 43

Candidate Starts for GeneCoco_13:

(Start: 43 @11608 has 396 MA's), (54, 11629), (59, 11641), (63, 11653), (112, 11815), (137, 11884), (150, 11932), (171, 12004), (190, 12049), (195, 12073), (213, 12124), (242, 12178), (258, 12235), (271, 12274),

Gene: Geodirt_20 Start: 17101, Stop: 17931, Start Num: 35

Candidate Starts for Geodirt_20:

(Start: 35 @17101 has 52 MA's), (Start: 40 @17110 has 2 MA's), (87, 17215), (121, 17305), (129, 17329), (137, 17359), (143, 17383), (161, 17446), (174, 17494), (184, 17521), (227, 17650), (244, 17698), (255, 17755), (265, 17785), (282, 17854), (286, 17866), (290, 17884), (295, 17899),

Gene: Germa_29 Start: 15533, Stop: 16363, Start Num: 44

Candidate Starts for Germa_29:

(Start: 44 @15533 has 94 MA's), (Start: 90 @15644 has 2 MA's), (Start: 117 @15716 has 2 MA's), (137, 15776), (174, 15926), (184, 15953), (190, 15977), (193, 15992), (207, 16031), (209, 16040), (212, 16052), (282, 16274), (297, 16328),

Gene: Gervas_15 Start: 13123, Stop: 13932, Start Num: 48

Candidate Starts for Gervas_15:

(Start: 48 @13123 has 54 MA's), (70, 13186), (Start: 90 @13249 has 2 MA's), (123, 13345), (135, 13393), (137, 13399), (150, 13447), (171, 13519), (185, 13549), (191, 13570), (210, 13630), (219, 13651), (244, 13717), (288, 13858), (289, 13861),

Gene: Gezellig_20 Start: 13964, Stop: 14776, Start Num: 44

Candidate Starts for Gezellig_20:

(Start: 44 @13964 has 94 MA's), (80, 14045), (133, 14195), (174, 14342), (186, 14378), (225, 14492), (300, 14762),

Gene: GinPorsche_12 Start: 12252, Stop: 13046, Start Num: 43

Candidate Starts for GinPorsche_12:

(Start: 43 @12252 has 396 MA's), (54, 12273), (57, 12282), (Start: 77 @12339 has 6 MA's), (Start: 90 @12384 has 2 MA's), (135, 12522), (150, 12576), (156, 12597), (162, 12618), (164, 12624), (191, 12711), (206, 12753), (244, 12849), (249, 12867), (258, 12891), (272, 12933), (285, 12975), (298, 13023),

Gene: Gina_29 Start: 15204, Stop: 16019, Start Num: 44

Candidate Starts for Gina_29:

(Start: 44 @15204 has 94 MA's), (88, 15306), (Start: 90 @15315 has 2 MA's), (92, 15324), (115, 15384), (172, 15582), (181, 15621), (193, 15666), (207, 15705), (209, 15714), (268, 15870), (282, 15924), (297, 15978),

Gene: Giraffe_13 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for Giraffe_13:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Glass_16 Start: 14652, Stop: 15470, Start Num: 39

Candidate Starts for Glass_16:

(Start: 39 @14652 has 37 MA's), (Start: 90 @14796 has 2 MA's), (91, 14802), (133, 14931), (135, 14937), (152, 14997), (163, 15036), (174, 15075), (191, 15114), (228, 15210), (244, 15258), (258, 15300), (270, 15336), (289, 15402),

Gene: GlenHope_16 Start: 13130, Stop: 13939, Start Num: 48

Candidate Starts for GlenHope_16:

(Start: 48 @13130 has 54 MA's), (70, 13193), (Start: 90 @13256 has 2 MA's), (123, 13352), (135, 13400), (137, 13406), (150, 13454), (171, 13526), (185, 13556), (191, 13577), (210, 13637), (219, 13658), (244, 13724), (288, 13865), (289, 13868),

Gene: Glorp_29 Start: 15705, Stop: 16535, Start Num: 44

Candidate Starts for Glorp_29:

(Start: 44 @15705 has 94 MA's), (Start: 90 @15816 has 2 MA's), (Start: 117 @15888 has 2 MA's), (137, 15948), (174, 16098), (184, 16125), (190, 16149), (193, 16164), (207, 16203), (209, 16212), (212, 16224), (282, 16446), (297, 16500),

Gene: Glubnar_15 Start: 13144, Stop: 13953, Start Num: 48

Candidate Starts for Glubnar_15:

(Start: 48 @13144 has 54 MA's), (70, 13207), (Start: 90 @13270 has 2 MA's), (123, 13366), (135, 13414), (137, 13420), (150, 13468), (171, 13540), (185, 13570), (191, 13591), (210, 13651), (219, 13672), (244, 13738), (288, 13879), (289, 13882),

Gene: GodPhather_11 Start: 12988, Stop: 13764, Start Num: 49

Candidate Starts for GodPhather_11:

(Start: 49 @12988 has 12 MA's), (59, 13009), (60, 13012), (66, 13030), (78, 13063), (91, 13117), (Start: 93 @13123 has 7 MA's), (102, 13156), (150, 13303), (157, 13327), (159, 13333), (189, 13417), (216, 13501), (237, 13543), (270, 13648), (273, 13654), (289, 13714),

Gene: Godines_16 Start: 14535, Stop: 15353, Start Num: 39

Candidate Starts for Godines_16:

(Start: 39 @14535 has 37 MA's), (Start: 90 @14679 has 2 MA's), (133, 14814), (135, 14820), (152, 14880), (163, 14919), (174, 14958), (191, 14997), (228, 15093), (244, 15141), (258, 15183), (270, 15219), (289, 15285),

Gene: GodonK_77 Start: 38457, Stop: 39149, Start Num: 93

Candidate Starts for GodonK_77:

(Start: 93 @38457 has 7 MA's), (161, 38694), (165, 38706), (171, 38727), (185, 38775), (187, 38781), (193, 38805), (200, 38826), (205, 38835), (218, 38874), (235, 38913), (239, 38919), (259, 38991), (262, 39000), (270, 39024), (291, 39096), (295, 39111),

Gene: GoldenEssence_68 Start: 44073, Stop: 44942, Start Num: 43

Candidate Starts for GoldenEssence_68:

(Start: 43 @44073 has 396 MA's), (95, 44238), (257, 44757), (263, 44775),

Gene: Gophee_13 Start: 11605, Stop: 12402, Start Num: 43

Candidate Starts for Gophee_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Grand2040_12 Start: 11307, Stop: 12110, Start Num: 43

Candidate Starts for Grand2040_12:

(Start: 43 @11307 has 396 MA's), (54, 11328), (59, 11340), (63, 11352), (112, 11514), (137, 11583), (150, 11631), (171, 11703), (190, 11748), (195, 11772), (213, 11823), (242, 11877), (258, 11934), (271, 11973),

Gene: Grassboy_27 Start: 16381, Stop: 17115, Start Num: 51

Candidate Starts for Grassboy_27:

(Start: 44 @16372 has 94 MA's), (Start: 51 @16381 has 51 MA's), (74, 16441), (139, 16633), (193, 16795), (202, 16822), (209, 16843), (216, 16864), (232, 16891), (233, 16894), (243, 16930), (253, 16963), (260, 16990),

Gene: GreenChile_13 Start: 11604, Stop: 12407, Start Num: 43

Candidate Starts for GreenChile_13:

(Start: 43 @11604 has 396 MA's), (54, 11625), (59, 11637), (63, 11649), (112, 11811), (137, 11880), (150, 11928), (171, 12000), (190, 12045), (195, 12069), (213, 12120), (242, 12174), (258, 12231), (271, 12270),

Gene: Grumio_45 Start: 24560, Stop: 25327, Start Num: 43

Candidate Starts for Grumio_45:

(Start: 43 @24560 has 396 MA's), (69, 24626), (82, 24662), (141, 24833), (143, 24836), (189, 24986), (207, 25040), (263, 25196), (265, 25202), (288, 25280), (296, 25307),

Gene: Gustavo_21 Start: 16571, Stop: 17398, Start Num: 35

Candidate Starts for Gustavo_21:

(Start: 35 @16571 has 52 MA's), (Start: 40 @16580 has 2 MA's), (87, 16682), (121, 16772), (161, 16913), (174, 16961), (190, 17012), (207, 17066), (227, 17117), (234, 17135), (244, 17165), (250, 17186), (255, 17222), (265, 17252), (286, 17333), (290, 17351), (295, 17366),

Gene: Gwennie1_13 Start: 11620, Stop: 12417, Start Num: 43

Candidate Starts for Gwennie1_13:

(Start: 43 @11620 has 396 MA's), (54, 11641), (59, 11653), (63, 11665), (137, 11896), (150, 11944), (171, 12016), (190, 12061), (195, 12085), (213, 12136), (242, 12190), (258, 12247), (271, 12286),

Gene: Gwilliam_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Gwilliam_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Gyarad_0013 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Gyarad_0013:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: HSavage_13 Start: 11604, Stop: 12407, Start Num: 43

Candidate Starts for HSavage_13:

(Start: 43 @11604 has 396 MA's), (54, 11625), (59, 11637), (63, 11649), (112, 11811), (137, 11880), (150, 11928), (171, 12000), (190, 12045), (195, 12069), (213, 12120), (242, 12174), (258, 12231), (271, 12270),

Gene: Haimas_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Haimas_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Haleema_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Haleema_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Halfpint_14 Start: 12965, Stop: 13774, Start Num: 48

Candidate Starts for Halfpint_14:

(Start: 48 @12965 has 54 MA's), (70, 13028), (Start: 90 @13091 has 2 MA's), (123, 13187), (135, 13235), (137, 13241), (150, 13289), (171, 13361), (185, 13391), (191, 13412), (210, 13472), (219, 13493), (244, 13559), (288, 13700), (289, 13703),

Gene: Hally898_12 Start: 12252, Stop: 13046, Start Num: 43

Candidate Starts for Hally898_12:

(Start: 43 @12252 has 396 MA's), (54, 12273), (57, 12282), (Start: 77 @12339 has 6 MA's), (Start: 90 @12384 has 2 MA's), (135, 12522), (150, 12576), (156, 12597), (162, 12618), (164, 12624), (191, 12711), (206, 12753), (244, 12849), (249, 12867), (258, 12891), (272, 12933), (285, 12975), (298, 13023),

Gene: Halo3_21 Start: 14285, Stop: 15097, Start Num: 44

Candidate Starts for Halo3_21:

(Start: 44 @14285 has 94 MA's), (80, 14366), (133, 14516), (167, 14636), (174, 14663), (225, 14813), (263, 14945), (300, 15083),

Gene: Hamish_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Hamish_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Hangman_13 Start: 13346, Stop: 14140, Start Num: 43

Candidate Starts for Hangman_13:

(Start: 43 @13346 has 396 MA's), (54, 13367), (59, 13379), (Start: 90 @13478 has 2 MA's), (135, 13616), (150, 13670), (156, 13691), (162, 13712), (164, 13718), (171, 13742), (191, 13805), (206, 13847), (244, 13943), (258, 13985), (272, 14027), (285, 14069), (298, 14117),

Gene: Hans_24 Start: 17335, Stop: 18165, Start Num: 31

Candidate Starts for Hans_24:

(Start: 31 @17335 has 16 MA's), (34, 17341), (52, 17368), (54, 17374), (Start: 77 @17428 has 6 MA's), (137, 17599), (139, 17611), (161, 17686), (174, 17734), (207, 17836), (230, 17890), (244, 17935), (255, 17992), (286, 18103),

Gene: Happabalu_13 Start: 11302, Stop: 12099, Start Num: 43

Candidate Starts for Happabalu_13:

(Start: 43 @11302 has 396 MA's), (54, 11323), (59, 11335), (63, 11347), (112, 11509), (137, 11578), (150, 11626), (171, 11698), (190, 11743), (195, 11767), (213, 11818), (242, 11872), (258, 11929), (271, 11968),

Gene: Hartsy_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for Hartsy_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Harvey_13 Start: 11606, Stop: 12409, Start Num: 43

Candidate Starts for Harvey_13:

(Start: 43 @11606 has 396 MA's), (54, 11627), (59, 11639), (63, 11651), (112, 11813), (137, 11882), (150, 11930), (171, 12002), (190, 12047), (195, 12071), (213, 12122), (242, 12176), (258, 12233), (271, 12272),

Gene: HarveySr_15 Start: 13117, Stop: 13926, Start Num: 48

Candidate Starts for HarveySr_15:

(Start: 48 @13117 has 54 MA's), (70, 13180), (Start: 90 @13243 has 2 MA's), (123, 13339), (135, 13387), (137, 13393), (150, 13441), (171, 13513), (185, 13543), (186, 13546), (191, 13564), (210, 13624), (219, 13645), (244, 13711), (288, 13852), (289, 13855),

Gene: Hashim76_18 Start: 12730, Stop: 13515, Start Num: 48

Candidate Starts for Hashim76_18:

(Start: 48 @12730 has 54 MA's), (54, 12742), (Start: 90 @12850 has 2 MA's), (91, 12856), (112, 12928), (136, 12994), (150, 13045), (191, 13186), (258, 13366), (272, 13408), (285, 13450), (298, 13498),

Gene: Heath_13 Start: 13346, Stop: 14140, Start Num: 43

Candidate Starts for Heath_13:

(Start: 43 @13346 has 396 MA's), (54, 13367), (59, 13379), (Start: 90 @13478 has 2 MA's), (135, 13616), (150, 13670), (156, 13691), (162, 13712), (164, 13718), (191, 13805), (206, 13847), (244, 13943), (245, 13946), (258, 13985), (272, 14027), (285, 14069), (298, 14117),

Gene: Heathcliff_15 Start: 13102, Stop: 13911, Start Num: 48

Candidate Starts for Heathcliff_15:

(Start: 48 @13102 has 54 MA's), (70, 13165), (Start: 90 @13228 has 2 MA's), (123, 13324), (135, 13372), (137, 13378), (150, 13426), (171, 13498), (185, 13528), (186, 13531), (191, 13549), (210, 13609), (219, 13630), (244, 13696), (288, 13837), (289, 13840),

Gene: Hedgerow_16 Start: 14634, Stop: 15452, Start Num: 39

Candidate Starts for Hedgerow_16:

(Start: 39 @14634 has 37 MA's), (Start: 90 @14778 has 2 MA's), (114, 14859), (133, 14913), (135, 14919), (152, 14979), (163, 15018), (174, 15057), (191, 15096), (228, 15192), (244, 15240), (258, 15282), (270, 15318), (289, 15384),

Gene: Hecos_12 Start: 11308, Stop: 12111, Start Num: 43

Candidate Starts for Hecos_12:

(Start: 43 @11308 has 396 MA's), (54, 11329), (59, 11341), (63, 11353), (112, 11515), (137, 11584), (150, 11632), (171, 11704), (190, 11749), (195, 11773), (213, 11824), (242, 11878), (258, 11935), (271, 11974),

Gene: Held_13 Start: 11310, Stop: 12113, Start Num: 43

Candidate Starts for Held_13:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Hendrix_59 Start: 32358, Stop: 33179, Start Num: 44

Candidate Starts for Hendrix_59:

(Start: 44 @32358 has 94 MA's), (Start: 77 @32430 has 6 MA's), (86, 32460), (Start: 90 @32475 has 2 MA's), (99, 32511), (147, 32646), (149, 32652), (243, 32931), (276, 33036), (304, 33138),

Gene: HenryJackson_12 Start: 11312, Stop: 12115, Start Num: 43

Candidate Starts for HenryJackson_12:

(Start: 43 @11312 has 396 MA's), (54, 11333), (59, 11345), (63, 11357), (112, 11519), (137, 11588), (150, 11636), (171, 11708), (190, 11753), (195, 11777), (213, 11828), (242, 11882), (258, 11939), (271, 11978),

Gene: Hermeonysus_27 Start: 15576, Stop: 16406, Start Num: 44

Candidate Starts for Hermeonysus_27:

(Start: 44 @15576 has 94 MA's), (Start: 90 @15687 has 2 MA's), (Start: 117 @15759 has 2 MA's), (137, 15819), (174, 15969), (184, 15996), (190, 16020), (193, 16035), (207, 16074), (209, 16083), (212, 16095), (282, 16317), (297, 16371),

Gene: Hertubise_13 Start: 11605, Stop: 12402, Start Num: 43

Candidate Starts for Hertubise_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Hetaeria_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Hetaeria_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: HighStump_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for HighStump_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Hocus_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Hocus_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: HogWash_12 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for HogWash_12:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Holeinone_16 Start: 14534, Stop: 15352, Start Num: 39

Candidate Starts for Holeinone_16:

(Start: 39 @14534 has 37 MA's), (Start: 90 @14678 has 2 MA's), (133, 14813), (135, 14819), (152, 14879), (163, 14918), (174, 14957), (191, 14996), (228, 15092), (244, 15140), (258, 15182), (270, 15218), (289, 15284),

Gene: Honeyfin_29 Start: 15892, Stop: 16722, Start Num: 44

Candidate Starts for Honeyfin_29:

(Start: 44 @15892 has 94 MA's), (Start: 90 @16003 has 2 MA's), (Start: 117 @16075 has 2 MA's), (137, 16135), (174, 16285), (184, 16312), (190, 16336), (193, 16351), (207, 16390), (209, 16399), (212, 16411), (282, 16633), (297, 16687),

Gene: Horchata_13 Start: 11601, Stop: 12404, Start Num: 43

Candidate Starts for Horchata_13:

(Start: 43 @11601 has 396 MA's), (54, 11622), (59, 11634), (63, 11646), (112, 11808), (137, 11877), (150, 11925), (171, 11997), (190, 12042), (195, 12066), (213, 12117), (242, 12171), (258, 12228), (271, 12267),

Gene: Hosp_09 Start: 10034, Stop: 10801, Start Num: 43

Candidate Starts for Hosp_09:

(Start: 43 @10034 has 396 MA's), (54, 10055), (135, 10295), (156, 10370), (185, 10451), (244, 10610), (249, 10628), (276, 10706), (285, 10736),

Gene: Hydro_13 Start: 13343, Stop: 14137, Start Num: 43

Candidate Starts for Hydro_13:

(Start: 43 @13343 has 396 MA's), (54, 13364), (59, 13376), (Start: 90 @13475 has 2 MA's), (135, 13613), (150, 13667), (156, 13688), (162, 13709), (164, 13715), (171, 13739), (191, 13802), (206, 13844), (244, 13940), (258, 13982), (272, 14024), (285, 14066), (298, 14114),

Gene: Hyperion_25 Start: 16168, Stop: 16902, Start Num: 51

Candidate Starts for Hyperion_25:

(Start: 44 @16159 has 94 MA's), (Start: 51 @16168 has 51 MA's), (74, 16228), (139, 16420), (193, 16582), (202, 16609), (209, 16630), (216, 16651), (232, 16678), (233, 16681), (243, 16717), (253, 16750), (260, 16777),

Gene: ImtiyazSitla_12 Start: 11149, Stop: 11946, Start Num: 43

Candidate Starts for ImtiyazSitla_12:

(Start: 43 @11149 has 396 MA's), (54, 11170), (59, 11182), (63, 11194), (137, 11425), (150, 11473), (171, 11545), (190, 11590), (195, 11614), (213, 11665), (242, 11719), (258, 11776), (271, 11815),

Gene: Imvubu_10 Start: 10724, Stop: 11518, Start Num: 43

Candidate Starts for Imvubu_10:

(Start: 43 @10724 has 396 MA's), (59, 10748), (102, 10889), (137, 10988), (163, 11081), (164, 11084), (177, 11135), (191, 11183), (204, 11222), (214, 11252), (249, 11339), (258, 11363),

Gene: Inchworm_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for Inchworm_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Indlovu_13 Start: 13063, Stop: 13839, Start Num: 47

Candidate Starts for Indlovu_13:

(Start: 47 @13063 has 1 MA's), (54, 13075), (163, 13423), (197, 13531), (228, 13600), (244, 13648), (256, 13684), (258, 13690), (270, 13726), (289, 13792), (298, 13822),

Gene: Inspectinfecti_23 Start: 17760, Stop: 18590, Start Num: 31

Candidate Starts for Inspectinfecti_23:

(Start: 31 @17760 has 16 MA's), (34, 17766), (52, 17793), (54, 17799), (Start: 77 @17853 has 6 MA's), (137, 18024), (139, 18036), (161, 18111), (174, 18159), (207, 18261), (230, 18315), (244, 18360), (255, 18417), (286, 18528),

Gene: Inverness_13 Start: 11604, Stop: 12407, Start Num: 43

Candidate Starts for Inverness_13:

(Start: 43 @11604 has 396 MA's), (54, 11625), (59, 11637), (63, 11649), (112, 11811), (137, 11880), (150, 11928), (171, 12000), (190, 12045), (195, 12069), (213, 12120), (242, 12174), (258, 12231), (271, 12270),

Gene: Iridessa_13 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for Iridessa_13:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: Iridoclysis_13 Start: 11606, Stop: 12403, Start Num: 43

Candidate Starts for Iridoclysis_13:

(Start: 43 @11606 has 396 MA's), (54, 11627), (59, 11639), (63, 11651), (112, 11813), (137, 11882), (150, 11930), (171, 12002), (190, 12047), (195, 12071), (213, 12122), (242, 12176), (258, 12233), (271, 12272),

Gene: IsaacEli_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for IsaacEli_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: ItsyBitsy1_16 Start: 14526, Stop: 15344, Start Num: 39

Candidate Starts for ItsyBitsy1_16:

(Start: 39 @14526 has 37 MA's), (Start: 90 @14670 has 2 MA's), (114, 14751), (133, 14805), (135, 14811), (152, 14871), (163, 14910), (174, 14949), (191, 14988), (228, 15084), (244, 15132), (258, 15174), (270, 15210), (289, 15276),

Gene: JAMaL_13 Start: 13517, Stop: 14314, Start Num: 43

Candidate Starts for JAMaL_13:

(Start: 43 @13517 has 396 MA's), (54, 13535), (57, 13544), (Start: 77 @13601 has 6 MA's), (Start: 90 @13646 has 2 MA's), (135, 13784), (150, 13838), (156, 13859), (162, 13880), (164, 13886), (206, 14015), (242, 14102), (244, 14117), (249, 14135), (258, 14159), (272, 14201), (285, 14243), (298, 14291),

Gene: JDog_12 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for JDog_12:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: JKSyngboy_20 Start: 17230, Stop: 18057, Start Num: 35

Candidate Starts for JKSyngboy_20:

(Start: 35 @17230 has 52 MA's), (Start: 40 @17239 has 2 MA's), (87, 17341), (129, 17455), (161, 17572), (174, 17620), (190, 17671), (207, 17725), (227, 17776), (234, 17794), (244, 17824), (250, 17845), (255, 17881), (265, 17911), (286, 17992), (290, 18010), (295, 18025),

Gene: Jabberwocky_19 Start: 17005, Stop: 17835, Start Num: 35

Candidate Starts for Jabberwocky_19:

(Start: 35 @17005 has 52 MA's), (Start: 40 @17014 has 2 MA's), (87, 17119), (121, 17209), (137, 17263), (143, 17287), (161, 17350), (174, 17398), (184, 17425), (227, 17554), (244, 17602), (255, 17659), (263, 17683), (265, 17689), (282, 17758), (286, 17770), (290, 17788), (295, 17803),

Gene: JacAttac_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for JacAttac_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Jackstina_14 Start: 13066, Stop: 13875, Start Num: 48

Candidate Starts for Jackstina_14:

(Start: 48 @13066 has 54 MA's), (70, 13129), (Start: 90 @13192 has 2 MA's), (123, 13288), (135, 13336), (137, 13342), (150, 13390), (171, 13462), (185, 13492), (186, 13495), (191, 13513), (210, 13573), (219, 13594), (244, 13660), (288, 13801), (289, 13804),

Gene: JaguarMi_14 Start: 13170, Stop: 13970, Start Num: 43

Candidate Starts for JaguarMi_14:

(Start: 43 @13170 has 396 MA's), (54, 13191), (59, 13203), (Start: 77 @13257 has 6 MA's), (Start: 90 @13302 has 2 MA's), (135, 13440), (150, 13494), (156, 13515), (162, 13536), (164, 13542), (206, 13671), (213, 13698), (244, 13773), (245, 13776), (258, 13815), (272, 13857), (285, 13899), (298, 13947),

Gene: JakeO_12 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for JakeO_12:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: Jambalaya_20 Start: 13611, Stop: 14423, Start Num: 44

Candidate Starts for Jambalaya_20:

(Start: 44 @13611 has 94 MA's), (80, 13692), (133, 13842), (174, 13989), (186, 14025), (225, 14139), (300, 14409),

Gene: JangoPhett_13 Start: 11600, Stop: 12397, Start Num: 43

Candidate Starts for JangoPhett_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Jefe_28 Start: 15629, Stop: 16459, Start Num: 44

Candidate Starts for Jefe_28:

(Start: 44 @15629 has 94 MA's), (Start: 90 @15740 has 2 MA's), (Start: 117 @15812 has 2 MA's), (137, 15872), (174, 16022), (184, 16049), (190, 16073), (193, 16088), (207, 16127), (209, 16136), (212, 16148), (282, 16370), (297, 16424),

Gene: Jehoshaphat_28 Start: 16624, Stop: 17358, Start Num: 51

Candidate Starts for Jehoshaphat_28:

(Start: 44 @16615 has 94 MA's), (Start: 51 @16624 has 51 MA's), (74, 16684), (102, 16777), (139, 16876), (193, 17038), (209, 17086), (216, 17107), (253, 17206),

Gene: JellyBelly_12 Start: 11678, Stop: 12469, Start Num: 43

Candidate Starts for JellyBelly_12:

(Start: 43 @11678 has 396 MA's), (59, 11714), (78, 11768), (Start: 93 @11834 has 7 MA's), (140, 11972), (191, 12128), (244, 12272), (270, 12350), (288, 12413),

Gene: Jeon_10 Start: 12718, Stop: 13494, Start Num: 49

Candidate Starts for Jeon_10:

(Start: 49 @12718 has 12 MA's), (59, 12739), (60, 12742), (66, 12760), (78, 12793), (91, 12847), (Start: 93 @12853 has 7 MA's), (102, 12886), (150, 13033), (157, 13057), (159, 13063), (189, 13147),

(216, 13231), (237, 13273), (270, 13378), (273, 13384), (289, 13444),

Gene: Jesabah_13 Start: 11310, Stop: 12113, Start Num: 43

Candidate Starts for Jesabah_13:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Jillium_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Jillium_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Jiminy_12 Start: 11157, Stop: 11954, Start Num: 43

Candidate Starts for Jiminy_12:

(Start: 43 @11157 has 396 MA's), (54, 11178), (59, 11190), (63, 11202), (112, 11364), (137, 11433), (150, 11481), (171, 11553), (190, 11598), (195, 11622), (213, 11673), (242, 11727), (258, 11784), (271, 11823),

Gene: Jiraiya_12 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for Jiraiya_12:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: JohnLord_11 Start: 10078, Stop: 10926, Start Num: 49

Candidate Starts for JohnLord_11:

(Start: 49 @10078 has 12 MA's), (55, 10093), (Start: 90 @10204 has 2 MA's), (Start: 93 @10216 has 7 MA's), (102, 10249), (137, 10351), (150, 10399), (164, 10447), (171, 10471), (189, 10513), (195, 10540), (226, 10615), (231, 10621), (244, 10666), (249, 10684), (272, 10750), (276, 10762), (283, 10786), (288, 10807), (298, 10840),

Gene: JohnPork_20 Start: 13859, Stop: 14671, Start Num: 44

Candidate Starts for JohnPork_20:

(Start: 44 @13859 has 94 MA's), (80, 13940), (133, 14090), (174, 14237), (186, 14273), (225, 14387), (300, 14657),

Gene: Jolie1_011 Start: 11815, Stop: 12582, Start Num: 43

Candidate Starts for Jolie1_011:

(Start: 43 @11815 has 396 MA's), (54, 11836), (156, 12151), (185, 12232), (191, 12253), (244, 12391), (249, 12409), (276, 12487), (285, 12517),

Gene: Jollipop_28 Start: 15974, Stop: 16804, Start Num: 44

Candidate Starts for Jollipop_28:

(Start: 44 @15974 has 94 MA's), (Start: 90 @16085 has 2 MA's), (Start: 117 @16157 has 2 MA's), (137, 16217), (174, 16367), (184, 16394), (190, 16418), (193, 16433), (207, 16472), (209, 16481), (212, 16493), (282, 16715), (297, 16769),

Gene: Jollymon_45 Start: 25052, Stop: 25819, Start Num: 43

Candidate Starts for Jollymon_45:

(Start: 43 @25052 has 396 MA's), (69, 25118), (82, 25154), (141, 25325), (143, 25328), (185, 25466), (189, 25478), (197, 25508), (207, 25532), (263, 25688), (265, 25694), (278, 25733), (288, 25772),

(296, 25799),

Gene: JoyceMaria_13 Start: 13346, Stop: 14140, Start Num: 43

Candidate Starts for JoyceMaria_13:

(Start: 43 @13346 has 396 MA's), (54, 13367), (59, 13379), (Start: 90 @13478 has 2 MA's), (135, 13616), (150, 13670), (156, 13691), (162, 13712), (164, 13718), (171, 13742), (191, 13805), (206, 13847), (244, 13943), (258, 13985), (272, 14027), (285, 14069), (298, 14117),

Gene: Judebell_28 Start: 16165, Stop: 16899, Start Num: 51

Candidate Starts for Judebell_28:

(Start: 44 @16156 has 94 MA's), (Start: 51 @16165 has 51 MA's), (74, 16225), (139, 16417), (193, 16579), (209, 16627), (216, 16648), (253, 16747),

Gene: KLucky39_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for KLucky39_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: KSunshine22_77 Start: 46972, Stop: 47841, Start Num: 43

Candidate Starts for KSunshine22_77:

(Start: 43 @46972 has 396 MA's), (62, 47017), (73, 47053), (144, 47305), (183, 47434), (212, 47524), (257, 47656),

Gene: Kahve_12 Start: 11312, Stop: 12115, Start Num: 43

Candidate Starts for Kahve_12:

(Start: 43 @11312 has 396 MA's), (54, 11333), (59, 11345), (63, 11357), (112, 11519), (137, 11588), (150, 11636), (171, 11708), (190, 11753), (195, 11777), (213, 11828), (242, 11882), (258, 11939), (271, 11978),

Gene: KaiHaiDragon_28 Start: 15568, Stop: 16398, Start Num: 44

Candidate Starts for KaiHaiDragon_28:

(Start: 44 @15568 has 94 MA's), (Start: 90 @15679 has 2 MA's), (Start: 117 @15751 has 2 MA's), (137, 15811), (174, 15961), (190, 16012), (193, 16027), (207, 16066), (209, 16075), (212, 16087), (282, 16309), (297, 16363),

Gene: Kailash_13 Start: 11611, Stop: 12408, Start Num: 43

Candidate Starts for Kailash_13:

(Start: 43 @11611 has 396 MA's), (54, 11632), (59, 11644), (63, 11656), (137, 11887), (150, 11935), (171, 12007), (190, 12052), (195, 12076), (213, 12127), (242, 12181), (258, 12238), (271, 12277),

Gene: Kaleb_16 Start: 14652, Stop: 15470, Start Num: 39

Candidate Starts for Kaleb_16:

(Start: 39 @14652 has 37 MA's), (Start: 90 @14796 has 2 MA's), (114, 14877), (133, 14931), (135, 14937), (152, 14997), (163, 15036), (174, 15075), (191, 15114), (228, 15210), (244, 15258), (258, 15300), (270, 15336), (289, 15402),

Gene: Kamashten_22 Start: 17689, Stop: 18519, Start Num: 35

Candidate Starts for Kamashten_22:

(Start: 35 @17689 has 52 MA's), (Start: 40 @17698 has 2 MA's), (87, 17803), (121, 17893), (137, 17947), (143, 17971), (161, 18034), (174, 18082), (184, 18109), (227, 18238), (244, 18286), (255, 18343), (263, 18367), (265, 18373), (282, 18442), (286, 18454), (290, 18472), (295, 18487),

Gene: Kamiyu_15 Start: 13111, Stop: 13920, Start Num: 48

Candidate Starts for Kamiyu_15:

(Start: 48 @13111 has 54 MA's), (70, 13174), (Start: 90 @13237 has 2 MA's), (123, 13333), (135, 13381), (137, 13387), (150, 13435), (171, 13507), (185, 13537), (191, 13558), (210, 13618), (219, 13639), (244, 13705), (288, 13846), (289, 13849),

Gene: KarasumaRum_15 Start: 13490, Stop: 14296, Start Num: 43

Candidate Starts for KarasumaRum_15:

(Start: 43 @13490 has 396 MA's), (136, 13784), (159, 13865), (171, 13907), (193, 13970), (197, 13982), (221, 14042), (244, 14099), (258, 14141), (283, 14219), (298, 14273),

Gene: Karn_12 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for Karn_12:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: Katniss_13 Start: 11603, Stop: 12406, Start Num: 43

Candidate Starts for Katniss_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: KayaCho_11 Start: 11827, Stop: 12594, Start Num: 43

Candidate Starts for KayaCho_11:

(Start: 43 @11827 has 396 MA's), (54, 11848), (156, 12163), (185, 12244), (245, 12406), (272, 12487), (285, 12529),

Gene: Keitabear_23 Start: 19226, Stop: 20056, Start Num: 35

Candidate Starts for Keitabear_23:

(Start: 35 @19226 has 52 MA's), (Start: 40 @19235 has 2 MA's), (87, 19340), (98, 19388), (121, 19430), (129, 19454), (143, 19508), (161, 19571), (174, 19619), (184, 19646), (227, 19775), (244, 19823), (255, 19880), (263, 19904), (265, 19910), (282, 19979), (286, 19991), (290, 20009), (295, 20024),

Gene: Keitherie_13 Start: 11616, Stop: 12413, Start Num: 43

Candidate Starts for Keitherie_13:

(Start: 43 @11616 has 396 MA's), (54, 11637), (59, 11649), (63, 11661), (112, 11823), (137, 11892), (150, 11940), (171, 12012), (190, 12057), (195, 12081), (213, 12132), (242, 12186), (258, 12243), (271, 12282),

Gene: Kelcole_24 Start: 14867, Stop: 15604, Start Num: 51

Candidate Starts for Kelcole_24:

(Start: 44 @14858 has 94 MA's), (Start: 51 @14867 has 51 MA's), (107, 15038), (163, 15194), (207, 15317), (209, 15326), (215, 15344), (243, 15416), (258, 15470), (286, 15563),

Gene: Kewpiedoll_22 Start: 17077, Stop: 17907, Start Num: 35

Candidate Starts for Kewpiedoll_22:

(Start: 35 @17077 has 52 MA's), (Start: 40 @17086 has 2 MA's), (87, 17191), (121, 17281), (129, 17305), (137, 17335), (143, 17359), (161, 17422), (174, 17470), (184, 17497), (227, 17626), (244, 17674), (255, 17731), (265, 17761), (282, 17830), (286, 17842), (290, 17860), (295, 17875),

Gene: Khan1_13 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for Khan1_13:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: Kheth_16 Start: 14535, Stop: 15353, Start Num: 39

Candidate Starts for Kheth_16:

(Start: 39 @14535 has 37 MA's), (Start: 90 @14679 has 2 MA's), (114, 14760), (133, 14814), (135, 14820), (152, 14880), (163, 14919), (174, 14958), (191, 14997), (228, 15093), (244, 15141), (258, 15183), (270, 15219), (289, 15285),

Gene: Kikipoo_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Kikipoo_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: KillerQueen_26 Start: 14689, Stop: 15426, Start Num: 51

Candidate Starts for KillerQueen_26:

(Start: 44 @14680 has 94 MA's), (Start: 51 @14689 has 51 MA's), (107, 14860), (163, 15016), (207, 15139), (209, 15148), (215, 15166), (243, 15238), (258, 15292), (286, 15385),

Gene: Kimbrough_13 Start: 11312, Stop: 12115, Start Num: 43

Candidate Starts for Kimbrough_13:

(Start: 43 @11312 has 396 MA's), (54, 11333), (59, 11345), (63, 11357), (112, 11519), (137, 11588), (150, 11636), (171, 11708), (190, 11753), (195, 11777), (213, 11828), (242, 11882), (258, 11939), (271, 11978),

Gene: KimmyK_22 Start: 14500, Stop: 15312, Start Num: 44

Candidate Starts for KimmyK_22:

(Start: 44 @14500 has 94 MA's), (80, 14581), (133, 14731), (174, 14878), (186, 14914), (225, 15028), (300, 15298),

Gene: KingTut_12 Start: 11310, Stop: 12113, Start Num: 43

Candidate Starts for KingTut_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: KingVeVeVe_13 Start: 11603, Stop: 12406, Start Num: 43

Candidate Starts for KingVeVeVe_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: KingstonB_43 Start: 24560, Stop: 25327, Start Num: 43

Candidate Starts for KingstonB_43:

(Start: 43 @24560 has 396 MA's), (69, 24626), (82, 24662), (141, 24833), (143, 24836), (189, 24986), (207, 25040), (263, 25196), (265, 25202), (288, 25280), (296, 25307),

Gene: Kithara_26 Start: 16496, Stop: 17302, Start Num: 40

Candidate Starts for Kithara_26:

(Start: 40 @16496 has 2 MA's), (80, 16589), (104, 16664), (121, 16691), (131, 16724), (135, 16739), (181, 16892), (195, 16943), (200, 16955), (227, 17024), (282, 17219), (285, 17228), (302, 17285),

Gene: KlimbOn_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for KlimbOn_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Kloppinator_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for Kloppinator_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Knocker_18 Start: 15870, Stop: 16694, Start Num: 43

Candidate Starts for Knocker_18:

(Start: 43 @15870 has 396 MA's), (59, 15894), (69, 15927), (85, 15972), (100, 16029), (109, 16059), (112, 16068), (135, 16155), (137, 16161), (159, 16239), (180, 16302), (204, 16377), (226, 16425), (240, 16452), (258, 16527), (276, 16581), (285, 16611),

Gene: Kolhan_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for Kolhan_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: Kowalski_27 Start: 15684, Stop: 16514, Start Num: 44

Candidate Starts for Kowalski_27:

(Start: 44 @15684 has 94 MA's), (Start: 90 @15795 has 2 MA's), (Start: 117 @15867 has 2 MA's), (137, 15927), (174, 16077), (184, 16104), (190, 16128), (193, 16143), (207, 16182), (209, 16191), (212, 16203), (282, 16425), (297, 16479),

Gene: Kronus_14 Start: 13723, Stop: 14532, Start Num: 48

Candidate Starts for Kronus_14:

(Start: 48 @13723 has 54 MA's), (70, 13786), (Start: 90 @13849 has 2 MA's), (123, 13945), (135, 13993), (137, 13999), (150, 14047), (171, 14119), (185, 14149), (191, 14170), (210, 14230), (219, 14251), (244, 14317), (288, 14458), (289, 14461),

Gene: Kroos_22 Start: 17329, Stop: 18156, Start Num: 35

Candidate Starts for Kroos_22:

(Start: 35 @17329 has 52 MA's), (Start: 40 @17338 has 2 MA's), (87, 17440), (Start: 93 @17467 has 7 MA's), (121, 17530), (129, 17554), (161, 17671), (174, 17719), (190, 17770), (207, 17824), (227, 17875), (234, 17893), (244, 17923), (250, 17944), (255, 17980), (265, 18010), (286, 18091), (290, 18109), (295, 18124),

Gene: Kwadwo_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Kwadwo_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Kwekel_21 Start: 15688, Stop: 16518, Start Num: 31

Candidate Starts for Kwekel_21:

(Start: 31 @15688 has 16 MA's), (Start: 77 @15778 has 6 MA's), (97, 15856), (155, 16018), (167, 16060), (174, 16087), (196, 16162), (207, 16189), (227, 16240), (263, 16369), (265, 16375), (270, 16396), (286, 16456), (289, 16471),

Gene: Kwksand96_12 Start: 11155, Stop: 11958, Start Num: 43

Candidate Starts for Kwksand96_12:

(Start: 43 @11155 has 396 MA's), (54, 11176), (59, 11188), (63, 11200), (112, 11362), (137, 11431), (150, 11479), (171, 11551), (190, 11596), (195, 11620), (213, 11671), (242, 11725), (258, 11782), (271, 11821),

Gene: Kwobi_23 Start: 17311, Stop: 18138, Start Num: 35

Candidate Starts for Kwobi_23:

(Start: 35 @17311 has 52 MA's), (Start: 40 @17320 has 2 MA's), (87, 17422), (121, 17512), (161, 17653), (174, 17701), (190, 17752), (207, 17806), (227, 17857), (234, 17875), (244, 17905), (250, 17926), (255, 17962), (265, 17992), (286, 18073), (290, 18091), (295, 18106),

Gene: Kyva_28 Start: 16416, Stop: 17150, Start Num: 51

Candidate Starts for Kyva_28:

(Start: 44 @16407 has 94 MA's), (Start: 51 @16416 has 51 MA's), (74, 16476), (139, 16668), (193, 16830), (202, 16857), (209, 16878), (216, 16899), (232, 16926), (233, 16929), (243, 16965), (253, 16998), (260, 17025),

Gene: Labeouficaum_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for Labeouficaum_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Lambano_12 Start: 12252, Stop: 13046, Start Num: 43

Candidate Starts for Lambano_12:

(Start: 43 @12252 has 396 MA's), (54, 12273), (57, 12282), (Start: 77 @12339 has 6 MA's), (Start: 90 @12384 has 2 MA's), (135, 12522), (150, 12576), (156, 12597), (162, 12618), (164, 12624), (191, 12711), (206, 12753), (244, 12849), (249, 12867), (258, 12891), (272, 12933), (285, 12975), (298, 13023),

Gene: Lars_16 Start: 14652, Stop: 15470, Start Num: 39

Candidate Starts for Lars_16:

(Start: 39 @14652 has 37 MA's), (Start: 90 @14796 has 2 MA's), (114, 14877), (133, 14931), (135, 14937), (152, 14997), (163, 15036), (174, 15075), (191, 15114), (228, 15210), (244, 15258), (258, 15300), (270, 15336), (289, 15402),

Gene: Larson_14 Start: 11619, Stop: 12416, Start Num: 43

Candidate Starts for Larson_14:

(Start: 43 @11619 has 396 MA's), (54, 11640), (59, 11652), (63, 11664), (112, 11826), (137, 11895), (150, 11943), (171, 12015), (190, 12060), (195, 12084), (213, 12135), (242, 12189), (258, 12246), (271, 12285),

Gene: LasagnaCat_13 Start: 11611, Stop: 12408, Start Num: 43

Candidate Starts for LasagnaCat_13:

(Start: 43 @11611 has 396 MA's), (54, 11632), (59, 11644), (63, 11656), (112, 11818), (137, 11887), (150, 11935), (171, 12007), (190, 12052), (195, 12076), (213, 12127), (242, 12181), (258, 12238), (271, 12277),

Gene: Lasso_13 Start: 11593, Stop: 12396, Start Num: 43

Candidate Starts for Lasso_13:

(Start: 43 @11593 has 396 MA's), (54, 11614), (59, 11626), (63, 11638), (112, 11800), (137, 11869), (150, 11917), (171, 11989), (190, 12034), (195, 12058), (213, 12109), (242, 12163), (258, 12220), (271, 12259),

Gene: Laure_84 Start: 49862, Stop: 50731, Start Num: 43

Candidate Starts for Laure_84:

(Start: 43 @49862 has 396 MA's), (73, 49943), (92, 50015), (102, 50054), (127, 50126), (145, 50198), (183, 50324), (201, 50378), (257, 50546),

Gene: Laurie_16 Start: 14530, Stop: 15348, Start Num: 39

Candidate Starts for Laurie_16:

(Start: 39 @14530 has 37 MA's), (Start: 90 @14674 has 2 MA's), (91, 14680), (133, 14809), (135, 14815), (152, 14875), (163, 14914), (174, 14953), (191, 14992), (228, 15088), (244, 15136), (258, 15178), (270, 15214), (289, 15280),

Gene: Leaf_62 Start: 32410, Stop: 33225, Start Num: 44

Candidate Starts for Leaf_62:

(Start: 44 @32410 has 94 MA's), (Start: 77 @32482 has 6 MA's), (Start: 90 @32524 has 2 MA's), (126, 32614), (128, 32623), (183, 32800), (212, 32899), (244, 32977), (264, 33028),

Gene: LeeLot_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for LeeLot_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Lego3393_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for Lego3393_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Legolas_12 Start: 11307, Stop: 12110, Start Num: 43

Candidate Starts for Legolas_12:

(Start: 43 @11307 has 396 MA's), (54, 11328), (59, 11340), (63, 11352), (112, 11514), (137, 11583), (150, 11631), (171, 11703), (190, 11748), (195, 11772), (213, 11823), (242, 11877), (258, 11934), (271, 11973),

Gene: Lehmann_13 Start: 11152, Stop: 11955, Start Num: 43

Candidate Starts for Lehmann_13:

(Start: 43 @11152 has 396 MA's), (54, 11173), (59, 11185), (63, 11197), (112, 11359), (137, 11428), (150, 11476), (171, 11548), (190, 11593), (195, 11617), (213, 11668), (242, 11722), (258, 11779), (271, 11818),

Gene: LeiMonet_13 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for LeiMonet_13:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: LemonSlice_13 Start: 11313, Stop: 12116, Start Num: 43

Candidate Starts for LemonSlice_13:

(Start: 43 @11313 has 396 MA's), (54, 11334), (59, 11346), (63, 11358), (112, 11520), (137, 11589), (150, 11637), (171, 11709), (190, 11754), (195, 11778), (213, 11829), (242, 11883), (258, 11940), (271, 11979),

Gene: Lennon_23 Start: 18329, Stop: 19159, Start Num: 35

Candidate Starts for Lennon_23:

(Start: 35 @18329 has 52 MA's), (Start: 40 @18338 has 2 MA's), (87, 18443), (121, 18533), (129, 18557), (137, 18587), (143, 18611), (161, 18674), (174, 18722), (184, 18749), (227, 18878), (244, 18926), (255, 18983), (263, 19007), (265, 19013), (282, 19082), (286, 19094), (290, 19112), (295, 19127),

Gene: LeoJr_82 Start: 49005, Stop: 49877, Start Num: 43

Candidate Starts for LeoJr_82:

(Start: 43 @49005 has 396 MA's), (62, 49050), (183, 49467), (257, 49692),

Gene: Leonard_22 Start: 17355, Stop: 18185, Start Num: 31

Candidate Starts for Leonard_22:

(Start: 31 @17355 has 16 MA's), (34, 17361), (52, 17388), (54, 17394), (Start: 77 @17448 has 6 MA's), (137, 17619), (139, 17631), (161, 17706), (174, 17754), (207, 17856), (230, 17910), (242, 17940), (244, 17955), (255, 18012), (286, 18123),

Gene: Lephleur_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for Lephleur_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: LestyG_15 Start: 13144, Stop: 13953, Start Num: 48

Candidate Starts for LestyG_15:

(Start: 48 @13144 has 54 MA's), (70, 13207), (Start: 90 @13270 has 2 MA's), (123, 13366), (135, 13414), (137, 13420), (150, 13468), (171, 13540), (185, 13570), (186, 13573), (191, 13591), (210, 13651), (219, 13672), (244, 13738), (288, 13879), (289, 13882),

Gene: Ligma_12 Start: 11636, Stop: 12418, Start Num: 43

Candidate Starts for Ligma_12:

(Start: 43 @11636 has 396 MA's), (50, 11648), (78, 11726), (258, 12272), (263, 12287), (270, 12308), (283, 12350), (285, 12356), (295, 12395),

Gene: LilHam_19 Start: 15890, Stop: 16717, Start Num: 35

Candidate Starts for LilHam_19:

(Start: 35 @15890 has 52 MA's), (Start: 40 @15899 has 2 MA's), (87, 16001), (129, 16115), (161, 16232), (174, 16280), (190, 16331), (207, 16385), (227, 16436), (234, 16454), (244, 16484), (250, 16505), (255, 16541), (265, 16571), (286, 16652), (290, 16670), (295, 16685),

Gene: LilMcDreamy_14 Start: 14087, Stop: 14896, Start Num: 43

Candidate Starts for LilMcDreamy_14:

(Start: 43 @14087 has 396 MA's), (85, 14222), (Start: 90 @14240 has 2 MA's), (150, 14441), (156, 14462), (159, 14471), (164, 14489), (171, 14513), (244, 14705), (272, 14789), (285, 14831), (293, 14867),

Gene: LilSmirk_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for LilSmirk_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: Lilbeanie_19 Start: 12678, Stop: 13550, Start Num: 41

Candidate Starts for Lilbeanie_19:

(Start: 41 @12678 has 1 MA's), (137, 12936), (146, 12969), (159, 13014), (174, 13089), (191, 13146), (198, 13173), (207, 13194), (212, 13215), (216, 13224), (225, 13242), (227, 13245), (234, 13263), (236, 13266), (244, 13293), (265, 13386), (282, 13455), (290, 13485), (300, 13518),

Gene: LittleDigger_12 Start: 12259, Stop: 13053, Start Num: 43

Candidate Starts for LittleDigger_12:

(Start: 43 @12259 has 396 MA's), (54, 12280), (57, 12289), (Start: 77 @12346 has 6 MA's), (Start: 90 @12391 has 2 MA's), (135, 12529), (150, 12583), (156, 12604), (162, 12625), (164, 12631), (206, 12760), (244, 12856), (249, 12874), (258, 12898), (272, 12940), (285, 12982), (298, 13030),

Gene: LittleFortune_29 Start: 15934, Stop: 16764, Start Num: 44

Candidate Starts for LittleFortune_29:

(Start: 44 @15934 has 94 MA's), (Start: 90 @16045 has 2 MA's), (Start: 117 @16117 has 2 MA's), (137, 16177), (174, 16327), (184, 16354), (190, 16378), (193, 16393), (207, 16432), (209, 16441), (212, 16453), (268, 16621), (282, 16675), (297, 16729),

Gene: LittleMinkey_19 Start: 12923, Stop: 13693, Start Num: 48

Candidate Starts for LittleMinkey_19:

(Start: 48 @12923 has 54 MA's), (54, 12935), (Start: 90 @13043 has 2 MA's), (112, 13121), (136, 13187), (182, 13337), (191, 13364), (197, 13385), (244, 13502), (258, 13544), (272, 13586), (285, 13628),

Gene: LittleMunchkin_13 Start: 12925, Stop: 13710, Start Num: 43

Candidate Starts for LittleMunchkin_13:

(Start: 43 @12925 has 396 MA's), (78, 13018), (84, 13042), (152, 13261), (167, 13315), (191, 13378), (209, 13432), (249, 13540), (263, 13579), (276, 13618), (289, 13666),

Gene: LizLemon_16 Start: 14652, Stop: 15470, Start Num: 39

Candidate Starts for LizLemon_16:

(Start: 39 @14652 has 37 MA's), (Start: 90 @14796 has 2 MA's), (91, 14802), (133, 14931), (135, 14937), (152, 14997), (163, 15036), (174, 15075), (191, 15114), (228, 15210), (244, 15258), (258, 15300), (270, 15336), (289, 15402),

Gene: Llemily_25 Start: 15400, Stop: 16134, Start Num: 51

Candidate Starts for Llemily_25:

(Start: 44 @15391 has 94 MA's), (Start: 51 @15400 has 51 MA's), (74, 15460), (102, 15553), (139, 15652), (193, 15814), (209, 15862), (216, 15883), (253, 15982),

Gene: Lolalove_13 Start: 13343, Stop: 14137, Start Num: 43

Candidate Starts for Lolalove_13:

(Start: 43 @13343 has 396 MA's), (54, 13364), (59, 13376), (Start: 90 @13475 has 2 MA's), (135, 13613), (150, 13667), (156, 13688), (162, 13709), (164, 13715), (171, 13739), (191, 13802), (206, 13844), (244, 13940), (258, 13982), (272, 14024), (285, 14066), (298, 14114),

Gene: Lonelysoil_25 Start: 15645, Stop: 16379, Start Num: 51

Candidate Starts for Lonelysoil_25:

(Start: 44 @15636 has 94 MA's), (Start: 51 @15645 has 51 MA's), (74, 15705), (102, 15798), (139, 15897), (193, 16059), (209, 16107), (216, 16128), (253, 16227),

Gene: Longacauda_12 Start: 11305, Stop: 12102, Start Num: 43

Candidate Starts for Longacauda_12:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: Lopsy_12 Start: 11149, Stop: 11952, Start Num: 43

Candidate Starts for Lopsy_12:

(Start: 43 @11149 has 396 MA's), (54, 11170), (59, 11182), (63, 11194), (112, 11356), (137, 11425), (150, 11473), (171, 11545), (190, 11590), (195, 11614), (213, 11665), (242, 11719), (258, 11776), (271, 11815),

Gene: LostAndPhound_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for LostAndPhound_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Love_23 Start: 17204, Stop: 18034, Start Num: 35

Candidate Starts for Love_23:

(Start: 35 @17204 has 52 MA's), (Start: 40 @17213 has 2 MA's), (87, 17318), (121, 17408), (137, 17462), (143, 17486), (161, 17549), (174, 17597), (184, 17624), (191, 17654), (227, 17753), (244, 17801), (255, 17858), (263, 17882), (265, 17888), (282, 17957), (286, 17969), (290, 17987), (295, 18002),

Gene: LuckyMarjie_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for LuckyMarjie_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Lucretia_28 Start: 15804, Stop: 16451, Start Num: 117

Candidate Starts for Lucretia_28:

(Start: 44 @15621 has 94 MA's), (Start: 90 @15732 has 2 MA's), (Start: 117 @15804 has 2 MA's), (137, 15864), (174, 16014), (184, 16041), (190, 16065), (193, 16080), (207, 16119), (209, 16128), (212, 16140), (282, 16362), (297, 16416),

Gene: Lulumae_12 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for Lulumae_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Lulwa_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Lulwa_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Lumine_12 Start: 11297, Stop: 12094, Start Num: 43

Candidate Starts for Lumine_12:

(Start: 43 @11297 has 396 MA's), (54, 11318), (59, 11330), (63, 11342), (137, 11573), (150, 11621), (171, 11693), (190, 11738), (195, 11762), (213, 11813), (242, 11867), (258, 11924), (271, 11963),

Gene: MRabcd_12 Start: 11306, Stop: 12109, Start Num: 43

Candidate Starts for MRabcd_12:

(Start: 43 @11306 has 396 MA's), (54, 11327), (59, 11339), (63, 11351), (112, 11513), (137, 11582), (150, 11630), (171, 11702), (190, 11747), (195, 11771), (213, 11822), (242, 11876), (258, 11933), (271, 11972),

Gene: Mag7_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for Mag7_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Magic8_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for Magic8_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Magpie_13 Start: 13501, Stop: 14295, Start Num: 43

Candidate Starts for Magpie_13:

(Start: 43 @13501 has 396 MA's), (54, 13522), (Start: 90 @13633 has 2 MA's), (135, 13771), (150, 13825), (156, 13846), (162, 13867), (164, 13873), (191, 13960), (206, 14002), (244, 14098), (245, 14101), (258, 14140), (272, 14182), (285, 14224), (298, 14272),

Gene: Maih_14 Start: 15543, Stop: 16439, Start Num: 43

Candidate Starts for Maih_14:

(Start: 43 @15543 has 396 MA's), (75, 15621), (85, 15645), (91, 15669), (94, 15678), (113, 15741), (154, 15873), (159, 15888), (168, 15921), (173, 15942), (186, 15981), (189, 15990), (209, 16056), (210, 16062), (212, 16068), (227, 16098), (240, 16128), (244, 16152), (263, 16257), (272, 16290), (285, 16341), (289, 16359), (300, 16398), (308, 16425),

Gene: Makar_46 Start: 25059, Stop: 25826, Start Num: 43

Candidate Starts for Makar_46:

(Start: 43 @25059 has 396 MA's), (82, 25161), (Start: 90 @25191 has 2 MA's), (98, 25221), (170, 25425), (185, 25473), (194, 25509), (263, 25695),

Gene: MakoManhole_14 Start: 13114, Stop: 13887, Start Num: 43

Candidate Starts for MakoManhole_14:

(Start: 43 @13114 has 396 MA's), (Start: 90 @13246 has 2 MA's), (164, 13477), (189, 13543), (191, 13552), (244, 13696), (285, 13822), (288, 13837),

Gene: Mana_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Mana_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Manad_12 Start: 11153, Stop: 11956, Start Num: 43

Candidate Starts for Manad_12:

(Start: 43 @11153 has 396 MA's), (54, 11174), (59, 11186), (63, 11198), (112, 11360), (137, 11429), (150, 11477), (171, 11549), (190, 11594), (195, 11618), (213, 11669), (242, 11723), (258, 11780),

(271, 11819),

Gene: Mao1_10 Start: 10771, Stop: 11619, Start Num: 49

Candidate Starts for Mao1_10:

(Start: 49 @10771 has 12 MA's), (55, 10786), (Start: 90 @10897 has 2 MA's), (Start: 93 @10909 has 7 MA's), (102, 10942), (137, 11044), (150, 11092), (164, 11140), (171, 11164), (189, 11206), (195, 11233), (226, 11308), (231, 11314), (242, 11344), (244, 11359), (249, 11377), (272, 11443), (276, 11455), (283, 11479), (288, 11500), (298, 11533),

Gene: Marcie_30 Start: 15548, Stop: 16285, Start Num: 51

Candidate Starts for Marcie_30:

(Start: 44 @15539 has 94 MA's), (Start: 51 @15548 has 51 MA's), (107, 15719), (163, 15875), (207, 15998), (209, 16007), (215, 16025), (243, 16097), (283, 16235), (286, 16244),

Gene: Mareelih_86 Start: 43145, Stop: 43834, Start Num: 93

Candidate Starts for Mareelih_86:

(Start: 93 @43145 has 7 MA's), (118, 43220), (138, 43298), (158, 43370), (161, 43382), (165, 43394), (187, 43469), (200, 43511), (235, 43601), (246, 43643), (265, 43697), (282, 43751), (295, 43799),

Gene: Margaery_23 Start: 15201, Stop: 15968, Start Num: 77

Candidate Starts for Margaery_23:

(14, 14967), (17, 14985), (21, 15018), (Start: 48 @15132 has 54 MA's), (Start: 77 @15201 has 6 MA's), (148, 15423), (172, 15516), (181, 15555), (207, 15639), (209, 15648), (243, 15732), (258, 15768), (263, 15783), (289, 15885), (303, 15930), (311, 15957),

Gene: Mariokart_12 Start: 11678, Stop: 12469, Start Num: 43

Candidate Starts for Mariokart_12:

(Start: 43 @11678 has 396 MA's), (59, 11714), (78, 11768), (Start: 93 @11834 has 7 MA's), (140, 11972), (191, 12128), (244, 12272), (270, 12350), (288, 12413),

Gene: Marley1013_15 Start: 13924, Stop: 14733, Start Num: 48

Candidate Starts for Marley1013_15:

(Start: 48 @13924 has 54 MA's), (70, 13987), (Start: 90 @14050 has 2 MA's), (123, 14146), (135, 14194), (137, 14200), (150, 14248), (171, 14320), (185, 14350), (191, 14371), (210, 14431), (219, 14452), (244, 14518), (288, 14659), (289, 14662),

Gene: Marlia_15 Start: 13126, Stop: 13935, Start Num: 48

Candidate Starts for Marlia_15:

(Start: 48 @13126 has 54 MA's), (70, 13189), (Start: 90 @13252 has 2 MA's), (123, 13348), (135, 13396), (137, 13402), (150, 13450), (171, 13522), (185, 13552), (191, 13573), (210, 13633), (219, 13654), (244, 13720), (288, 13861), (289, 13864),

Gene: Maru_12 Start: 11307, Stop: 12110, Start Num: 43

Candidate Starts for Maru_12:

(Start: 43 @11307 has 396 MA's), (54, 11328), (59, 11340), (63, 11352), (112, 11514), (137, 11583), (150, 11631), (171, 11703), (190, 11748), (195, 11772), (213, 11823), (242, 11877), (258, 11934), (271, 11973),

Gene: Mashley_24 Start: 15979, Stop: 16713, Start Num: 51

Candidate Starts for Mashley_24:

(Start: 44 @15970 has 94 MA's), (Start: 51 @15979 has 51 MA's), (74, 16039), (139, 16231), (193, 16393), (202, 16420), (209, 16441), (216, 16462), (232, 16489), (233, 16492), (243, 16528), (253, 16561), (260, 16588),

Gene: Mask_11 Start: 10772, Stop: 11620, Start Num: 49

Candidate Starts for Mask_11:

(Start: 49 @10772 has 12 MA's), (55, 10787), (Start: 90 @10898 has 2 MA's), (Start: 93 @10910 has 7 MA's), (102, 10943), (137, 11045), (150, 11093), (164, 11141), (171, 11165), (189, 11207), (195, 11234), (226, 11309), (231, 11315), (242, 11345), (244, 11360), (249, 11378), (272, 11444), (276, 11456), (283, 11480), (288, 11501), (298, 11534),

Gene: Maskar_12 Start: 11149, Stop: 11946, Start Num: 43

Candidate Starts for Maskar_12:

(Start: 43 @11149 has 396 MA's), (54, 11170), (59, 11182), (63, 11194), (137, 11425), (150, 11473), (171, 11545), (190, 11590), (195, 11614), (213, 11665), (242, 11719), (258, 11776), (271, 11815),

Gene: MasterPo_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for MasterPo_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: Matalotodo_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for Matalotodo_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Matzah_24 Start: 15224, Stop: 15985, Start Num: 77

Candidate Starts for Matzah_24:

(Start: 48 @15155 has 54 MA's), (Start: 77 @15224 has 6 MA's), (129, 15377), (172, 15539), (193, 15623), (207, 15662), (209, 15671), (243, 15755), (244, 15758), (258, 15791), (263, 15806), (269, 15830), (281, 15878), (289, 15908), (292, 15917), (303, 15953),

Gene: McCrothy_22 Start: 17073, Stop: 17903, Start Num: 35

Candidate Starts for McCrothy_22:

(Start: 35 @17073 has 52 MA's), (Start: 40 @17082 has 2 MA's), (87, 17187), (121, 17277), (137, 17331), (143, 17355), (161, 17418), (174, 17466), (184, 17493), (189, 17514), (191, 17523), (227, 17622), (244, 17670), (255, 17727), (263, 17751), (265, 17757), (282, 17826), (286, 17838), (290, 17856), (295, 17871),

Gene: McKinley_22 Start: 17230, Stop: 18060, Start Num: 35

Candidate Starts for McKinley_22:

(Start: 35 @17230 has 52 MA's), (Start: 40 @17239 has 2 MA's), (87, 17344), (121, 17434), (137, 17488), (143, 17512), (161, 17575), (174, 17623), (184, 17650), (191, 17680), (227, 17779), (244, 17827), (255, 17884), (263, 17908), (265, 17914), (282, 17983), (286, 17995), (290, 18013), (295, 18028),

Gene: Mcshane_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Mcshane_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Mecca_12 Start: 11306, Stop: 12103, Start Num: 43

Candidate Starts for Mecca_12:

(Start: 43 @11306 has 396 MA's), (54, 11327), (59, 11339), (63, 11351), (112, 11513), (137, 11582), (150, 11630), (171, 11702), (190, 11747), (195, 11771), (213, 11822), (242, 11876), (258, 11933), (271, 11972),

Gene: Megabear_10 Start: 12673, Stop: 13449, Start Num: 49

Candidate Starts for Megabear_10:

(Start: 49 @12673 has 12 MA's), (59, 12694), (60, 12697), (66, 12715), (78, 12748), (91, 12802), (Start: 93 @12808 has 7 MA's), (102, 12841), (150, 12988), (157, 13012), (159, 13018), (189, 13102), (216, 13186), (237, 13228), (270, 13333), (273, 13339), (289, 13399),

Gene: Megamind20_13 Start: 11310, Stop: 12113, Start Num: 43

Candidate Starts for Megamind20_13:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Megan_22 Start: 16905, Stop: 17714, Start Num: 44

Candidate Starts for Megan_22:

(Start: 44 @16905 has 94 MA's), (88, 17007), (115, 17085), (Start: 117 @17088 has 2 MA's), (137, 17148), (181, 17322), (193, 17364), (207, 17403), (209, 17412), (244, 17499), (282, 17622),

Gene: Megatron_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Megatron_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: MelBins_23 Start: 17556, Stop: 18386, Start Num: 31

Candidate Starts for MelBins_23:

(Start: 31 @17556 has 16 MA's), (34, 17562), (52, 17589), (54, 17595), (Start: 77 @17649 has 6 MA's), (137, 17820), (139, 17832), (174, 17955), (207, 18057), (230, 18111), (242, 18141), (244, 18156), (255, 18213), (286, 18324),

Gene: Melc17_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for Melc17_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: MelsMeow_12 Start: 11155, Stop: 11952, Start Num: 43

Candidate Starts for MelsMeow_12:

(Start: 43 @11155 has 396 MA's), (54, 11176), (59, 11188), (63, 11200), (137, 11431), (150, 11479), (171, 11551), (190, 11596), (195, 11620), (213, 11671), (242, 11725), (258, 11782), (271, 11821),

Gene: MementoMori_24 Start: 14946, Stop: 15707, Start Num: 77

Candidate Starts for MementoMori_24:

(Start: 48 @14877 has 54 MA's), (Start: 77 @14946 has 6 MA's), (129, 15099), (172, 15261), (181, 15300), (193, 15345), (207, 15384), (209, 15393), (243, 15477), (244, 15480), (258, 15513), (263, 15528), (269, 15552), (281, 15600), (289, 15630), (292, 15639), (303, 15675), (309, 15696),

Gene: Mentos_30 Start: 17066, Stop: 17800, Start Num: 51

Candidate Starts for Mentos_30:

(Start: 44 @17057 has 94 MA's), (Start: 51 @17066 has 51 MA's), (74, 17126), (139, 17318), (193, 17480), (202, 17507), (209, 17528), (216, 17549), (232, 17576), (233, 17579), (243, 17615), (253, 17648), (260, 17675),

Gene: Merry_ Start: 15926, Stop: 16729, Start Num: 44

Candidate Starts for Merry_:

(Start: 44 @15926 has 94 MA's), (88, 16028), (Start: 90 @16037 has 2 MA's), (92, 16046), (142, 16193), (181, 16340), (198, 16403), (207, 16424), (209, 16433), (268, 16589), (282, 16643), (297, 16697),

Gene: Mesh1_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Mesh1_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Mesmerelda_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Mesmerelda_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Metamorphoo_28 Start: 15526, Stop: 16338, Start Num: 44

Candidate Starts for Metamorphoo_28:

(Start: 44 @15526 has 94 MA's), (88, 15628), (Start: 90 @15637 has 2 MA's), (92, 15646), (115, 15706), (Start: 117 @15709 has 2 MA's), (137, 15769), (172, 15904), (181, 15943), (207, 16027), (209, 16036), (268, 16192), (282, 16246), (297, 16300), (306, 16327),

Gene: MichaelPhcott_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for MichaelPhcott_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Mikota_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for Mikota_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Mila11_29 Start: 16952, Stop: 17686, Start Num: 51

Candidate Starts for Mila11_29:

(Start: 44 @16943 has 94 MA's), (Start: 51 @16952 has 51 MA's), (74, 17012), (139, 17204), (193, 17366), (202, 17393), (209, 17414), (215, 17432), (216, 17435), (232, 17462), (233, 17465), (243, 17501), (253, 17534),

Gene: Mimi_82 Start: 49627, Stop: 50496, Start Num: 43

Candidate Starts for Mimi_82:

(Start: 43 @49627 has 396 MA's), (95, 49792), (257, 50311), (263, 50329),

Gene: MiniBoss_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for MiniBoss_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229),

(271, 12268),

Gene: Mischief19_16 Start: 18095, Stop: 18940, Start Num: 43

Candidate Starts for Mischief19_16:

(38, 18086), (Start: 43 @18095 has 396 MA's), (54, 18116), (56, 18122), (125, 18308), (139, 18362), (154, 18413), (159, 18428), (192, 18542), (194, 18551), (220, 18623), (244, 18689), (263, 18776), (265, 18782), (271, 18806), (289, 18878), (292, 18887), (295, 18899), (299, 18911),

Gene: MitKao_13 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for MitKao_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Mithril_13 Start: 13346, Stop: 14140, Start Num: 43

Candidate Starts for Mithril_13:

(Start: 43 @13346 has 396 MA's), (54, 13367), (59, 13379), (Start: 90 @13478 has 2 MA's), (135, 13616), (150, 13670), (156, 13691), (162, 13712), (164, 13718), (171, 13742), (191, 13805), (206, 13847), (244, 13943), (258, 13985), (272, 14027), (285, 14069), (298, 14117),

Gene: MmasiCarm_15 Start: 13137, Stop: 13946, Start Num: 48

Candidate Starts for MmasiCarm_15:

(Start: 48 @13137 has 54 MA's), (70, 13200), (Start: 90 @13263 has 2 MA's), (123, 13359), (135, 13407), (137, 13413), (150, 13461), (171, 13533), (185, 13563), (191, 13584), (210, 13644), (219, 13665), (244, 13731), (288, 13872), (289, 13875),

Gene: MoontowerMania_20 Start: 16210, Stop: 17040, Start Num: 35

Candidate Starts for MoontowerMania_20:

(Start: 35 @16210 has 52 MA's), (Start: 40 @16219 has 2 MA's), (87, 16324), (121, 16414), (137, 16468), (143, 16492), (161, 16555), (174, 16603), (184, 16630), (191, 16660), (227, 16759), (244, 16807), (255, 16864), (263, 16888), (265, 16894), (282, 16963), (286, 16975), (290, 16993), (295, 17008),

Gene: Morgushi_13 Start: 11307, Stop: 12110, Start Num: 43

Candidate Starts for Morgushi_13:

(Start: 43 @11307 has 396 MA's), (54, 11328), (59, 11340), (63, 11352), (112, 11514), (137, 11583), (150, 11631), (171, 11703), (190, 11748), (195, 11772), (213, 11823), (242, 11877), (258, 11934), (271, 11973),

Gene: MorillMayhem_26 Start: 15978, Stop: 16712, Start Num: 51

Candidate Starts for MorillMayhem_26:

(Start: 44 @15969 has 94 MA's), (Start: 51 @15978 has 51 MA's), (74, 16038), (139, 16230), (193, 16392), (202, 16419), (209, 16440), (215, 16458), (216, 16461), (232, 16488), (233, 16491), (243, 16527), (253, 16560),

Gene: Mortcellus_14 Start: 13778, Stop: 14587, Start Num: 48

Candidate Starts for Mortcellus_14:

(Start: 48 @13778 has 54 MA's), (70, 13841), (Start: 90 @13904 has 2 MA's), (123, 14000), (135, 14048), (137, 14054), (150, 14102), (171, 14174), (185, 14204), (191, 14225), (210, 14285), (219, 14306), (244, 14372), (288, 14513), (289, 14516),

Gene: Morty_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Morty_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Morty007_15 Start: 13924, Stop: 14733, Start Num: 48

Candidate Starts for Morty007_15:

(Start: 48 @13924 has 54 MA's), (70, 13987), (Start: 90 @14050 has 2 MA's), (123, 14146), (135, 14194), (137, 14200), (150, 14248), (171, 14320), (185, 14350), (191, 14371), (210, 14431), (219, 14452), (244, 14518), (288, 14659), (289, 14662),

Gene: Mosaic_12 Start: 11310, Stop: 12113, Start Num: 43

Candidate Starts for Mosaic_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: MossRose_14 Start: 13114, Stop: 13887, Start Num: 43

Candidate Starts for MossRose_14:

(Start: 43 @13114 has 396 MA's), (Start: 90 @13246 has 2 MA's), (164, 13477), (189, 13543), (191, 13552), (244, 13696), (285, 13822), (288, 13837),

Gene: MrPhizzler_13 Start: 11302, Stop: 12105, Start Num: 43

Candidate Starts for MrPhizzler_13:

(Start: 43 @11302 has 396 MA's), (54, 11323), (59, 11335), (63, 11347), (112, 11509), (137, 11578), (150, 11626), (171, 11698), (190, 11743), (195, 11767), (213, 11818), (242, 11872), (258, 11929), (271, 11968),

Gene: Mudslide_13 Start: 13594, Stop: 14388, Start Num: 43

Candidate Starts for Mudslide_13:

(Start: 43 @13594 has 396 MA's), (54, 13615), (59, 13627), (Start: 90 @13726 has 2 MA's), (135, 13864), (150, 13918), (156, 13939), (162, 13960), (164, 13966), (171, 13990), (191, 14053), (206, 14095), (244, 14191), (245, 14194), (258, 14233), (272, 14275), (285, 14317), (298, 14365),

Gene: Mulan_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Mulan_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Mulaychimus_15 Start: 13117, Stop: 13926, Start Num: 48

Candidate Starts for Mulaychimus_15:

(Start: 48 @13117 has 54 MA's), (70, 13180), (Start: 90 @13243 has 2 MA's), (123, 13339), (135, 13387), (137, 13393), (150, 13441), (171, 13513), (185, 13543), (191, 13564), (210, 13624), (219, 13645), (244, 13711), (288, 13852), (289, 13855),

Gene: Murdoc_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Murdoc_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Mutante_12 Start: 11306, Stop: 12109, Start Num: 43

Candidate Starts for Mutante_12:

(Start: 43 @11306 has 396 MA's), (54, 11327), (59, 11339), (63, 11351), (112, 11513), (137, 11582), (150, 11630), (171, 11702), (190, 11747), (195, 11771), (213, 11822), (242, 11876), (258, 11933), (271, 11972),

Gene: Mutzi_22 Start: 14224, Stop: 15036, Start Num: 44

Candidate Starts for Mutzi_22:

(Start: 44 @14224 has 94 MA's), (80, 14305), (133, 14455), (174, 14602), (186, 14638), (225, 14752), (300, 15022),

Gene: Mysterious_14 Start: 13592, Stop: 14398, Start Num: 43

Candidate Starts for Mysterious_14:

(Start: 43 @13592 has 396 MA's), (54, 13604), (81, 13682), (136, 13886), (137, 13889), (150, 13937), (156, 13958), (171, 14009), (193, 14072), (221, 14144), (244, 14201), (283, 14321),

Gene: NHagos_12 Start: 11599, Stop: 12372, Start Num: 43

Candidate Starts for NHagos_12:

(Start: 43 @11599 has 396 MA's), (59, 11629), (79, 11686), (Start: 90 @11731 has 2 MA's), (105, 11785), (191, 12037), (244, 12181), (283, 12301), (289, 12325),

Gene: Nacho_0013 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Nacho_0013:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Namago_26 Start: 15546, Stop: 16280, Start Num: 51

Candidate Starts for Namago_26:

(Start: 44 @15537 has 94 MA's), (Start: 51 @15546 has 51 MA's), (74, 15606), (139, 15798), (193, 15960), (202, 15987), (209, 16008), (216, 16029), (232, 16056), (233, 16059), (243, 16095), (253, 16128), (260, 16155),

Gene: Nanao_12 Start: 12252, Stop: 13046, Start Num: 43

Candidate Starts for Nanao_12:

(Start: 43 @12252 has 396 MA's), (54, 12273), (57, 12282), (Start: 77 @12339 has 6 MA's), (Start: 90 @12384 has 2 MA's), (135, 12522), (150, 12576), (156, 12597), (162, 12618), (164, 12624), (191, 12711), (206, 12753), (244, 12849), (249, 12867), (258, 12891), (272, 12933), (285, 12975), (298, 13023),

Gene: Nangang_14 Start: 13334, Stop: 14140, Start Num: 43

Candidate Starts for Nangang_14:

(Start: 43 @13334 has 396 MA's), (81, 13424), (136, 13628), (159, 13709), (171, 13751), (193, 13814), (197, 13826), (221, 13886), (244, 13943), (258, 13985), (283, 14063), (298, 14117),

Gene: Nathan_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for Nathan_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Natkenzie_22 Start: 17540, Stop: 18364, Start Num: 44

Candidate Starts for Natkenzie_22:

(Start: 44 @17540 has 94 MA's), (Start: 77 @17612 has 6 MA's), (96, 17678), (124, 17753), (137, 17795), (154, 17852), (174, 17924), (183, 17945), (188, 17966), (207, 18026), (212, 18047), (222,

18068), (227, 18077), (236, 18098), (244, 18125), (255, 18182), (263, 18206), (265, 18212), (270, 18233), (285, 18290), (291, 18314),

Gene: Nehemiah_13 Start: 13592, Stop: 14398, Start Num: 43

Candidate Starts for Nehemiah_13:

(Start: 43 @13592 has 396 MA's), (54, 13604), (81, 13682), (136, 13886), (137, 13889), (150, 13937), (156, 13958), (171, 14009), (193, 14072), (221, 14144), (244, 14201), (283, 14321),

Gene: Neos5_15 Start: 13930, Stop: 14739, Start Num: 48

Candidate Starts for Neos5_15:

(Start: 48 @13930 has 54 MA's), (70, 13993), (Start: 90 @14056 has 2 MA's), (123, 14152), (135, 14200), (137, 14206), (150, 14254), (171, 14326), (185, 14356), (191, 14377), (210, 14437), (219, 14458), (244, 14524), (288, 14665), (289, 14668),

Gene: Newman_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Newman_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: NiaNia_13 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for NiaNia_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Nicole21_13 Start: 11600, Stop: 12397, Start Num: 43

Candidate Starts for Nicole21_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Nicole72_23 Start: 17288, Stop: 18094, Start Num: 44

Candidate Starts for Nicole72_23:

(Start: 44 @17288 has 94 MA's), (98, 17432), (Start: 117 @17471 has 2 MA's), (136, 17528), (142, 17555), (172, 17663), (193, 17747), (207, 17786), (209, 17795), (258, 17915), (263, 17930), (268, 17951), (297, 18059),

Gene: Nigel_11 Start: 12164, Stop: 12961, Start Num: 43

Candidate Starts for Nigel_11:

(Start: 43 @12164 has 396 MA's), (54, 12182), (57, 12191), (Start: 77 @12248 has 6 MA's), (Start: 90 @12293 has 2 MA's), (135, 12431), (150, 12485), (156, 12506), (162, 12527), (164, 12533), (206, 12662), (242, 12749), (244, 12764), (249, 12782), (258, 12806), (272, 12848), (285, 12890), (298, 12938),

Gene: Nike_26 Start: 16444, Stop: 17178, Start Num: 51

Candidate Starts for Nike_26:

(Start: 44 @16435 has 94 MA's), (Start: 51 @16444 has 51 MA's), (74, 16504), (102, 16597), (139, 16696), (193, 16858), (209, 16906), (216, 16927), (253, 17026), (260, 17053),

Gene: NoodlelyBoi_28 Start: 16131, Stop: 16853, Start Num: 90

Candidate Starts for NoodlelyBoi_28:

(Start: 44 @16020 has 94 MA's), (Start: 90 @16131 has 2 MA's), (Start: 117 @16203 has 2 MA's), (143, 16290), (174, 16416), (184, 16443), (190, 16467), (193, 16482), (209, 16530), (212, 16542), (263, 16689), (268, 16710), (282, 16764), (297, 16818),

Gene: Nordenberg_16 Start: 15524, Stop: 16354, Start Num: 35

Candidate Starts for Nordenberg_16:

(Start: 35 @15524 has 52 MA's), (Start: 40 @15533 has 2 MA's), (87, 15638), (121, 15728), (137, 15782), (143, 15806), (161, 15869), (174, 15917), (184, 15944), (191, 15974), (227, 16073), (244, 16121), (255, 16178), (263, 16202), (265, 16208), (282, 16277), (286, 16289), (290, 16307), (295, 16322),

Gene: Nova1_12 Start: 11163, Stop: 11966, Start Num: 43

Candidate Starts for Nova1_12:

(Start: 43 @11163 has 396 MA's), (54, 11184), (59, 11196), (63, 11208), (112, 11370), (137, 11439), (150, 11487), (171, 11559), (190, 11604), (195, 11628), (213, 11679), (242, 11733), (258, 11790), (271, 11829),

Gene: Nozo_15 Start: 13905, Stop: 14714, Start Num: 48

Candidate Starts for Nozo_15:

(Start: 48 @13905 has 54 MA's), (70, 13968), (Start: 90 @14031 has 2 MA's), (123, 14127), (135, 14175), (137, 14181), (150, 14229), (171, 14301), (185, 14331), (191, 14352), (210, 14412), (219, 14433), (244, 14499), (288, 14640), (289, 14643),

Gene: Nubi_20 Start: 13852, Stop: 14664, Start Num: 44

Candidate Starts for Nubi_20:

(Start: 44 @13852 has 94 MA's), (80, 13933), (133, 14083), (174, 14230), (186, 14266), (225, 14380), (300, 14650),

Gene: Numberten_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Numberten_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Nyala_12 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for Nyala_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: OSmaximus_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for OSmaximus_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Obutu_15 Start: 13135, Stop: 13944, Start Num: 48

Candidate Starts for Obutu_15:

(Start: 48 @13135 has 54 MA's), (70, 13198), (Start: 90 @13261 has 2 MA's), (123, 13357), (135, 13405), (137, 13411), (150, 13459), (171, 13531), (185, 13561), (191, 13582), (210, 13642), (219, 13663), (244, 13729), (288, 13870), (289, 13873),

Gene: Olak_12 Start: 11307, Stop: 12104, Start Num: 43

Candidate Starts for Olak_12:

(Start: 43 @11307 has 396 MA's), (54, 11328), (59, 11340), (63, 11352), (112, 11514), (137, 11583), (150, 11631), (171, 11703), (190, 11748), (195, 11772), (213, 11823), (242, 11877), (258, 11934), (271, 11973),

Gene: Oline_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for Oline_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (112, 11368), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Olive_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Olive_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: OliverWalter_13 Start: 11598, Stop: 12401, Start Num: 43

Candidate Starts for OliverWalter_13:

(Start: 43 @11598 has 396 MA's), (54, 11619), (59, 11631), (63, 11643), (112, 11805), (137, 11874), (150, 11922), (171, 11994), (190, 12039), (195, 12063), (213, 12114), (242, 12168), (258, 12225), (271, 12264),

Gene: Olivio_14 Start: 12989, Stop: 13798, Start Num: 48

Candidate Starts for Olivio_14:

(Start: 48 @12989 has 54 MA's), (70, 13052), (Start: 90 @13115 has 2 MA's), (123, 13211), (135, 13259), (137, 13265), (150, 13313), (171, 13385), (185, 13415), (186, 13418), (191, 13436), (210, 13496), (219, 13517), (244, 13583), (288, 13724), (289, 13727),

Gene: Omniscient_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Omniscient_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: OneBrain_13 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for OneBrain_13:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: OneinaGillian_25 Start: 14517, Stop: 15254, Start Num: 51

Candidate Starts for OneinaGillian_25:

(30, 14478), (Start: 44 @14508 has 94 MA's), (Start: 51 @14517 has 51 MA's), (107, 14688), (163, 14844), (207, 14967), (209, 14976), (215, 14994), (243, 15066), (258, 15120), (283, 15204), (286, 15213),

Gene: Onika_27 Start: 15658, Stop: 16488, Start Num: 44

Candidate Starts for Onika_27:

(Start: 44 @15658 has 94 MA's), (Start: 90 @15769 has 2 MA's), (Start: 117 @15841 has 2 MA's), (137, 15901), (174, 16051), (184, 16078), (190, 16102), (193, 16117), (207, 16156), (209, 16165), (212, 16177), (282, 16399), (297, 16453),

Gene: Oosterbaan_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for Oosterbaan_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Opia_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for Opia_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: OrangeOswald_15 Start: 13140, Stop: 13949, Start Num: 48

Candidate Starts for OrangeOswald_15:

(Start: 48 @13140 has 54 MA's), (70, 13203), (Start: 90 @13266 has 2 MA's), (123, 13362), (135, 13410), (137, 13416), (150, 13464), (171, 13536), (185, 13566), (191, 13587), (210, 13647), (219, 13668), (244, 13734), (288, 13875), (289, 13878),

Gene: Orfeu_12 Start: 11308, Stop: 12105, Start Num: 43

Candidate Starts for Orfeu_12:

(Start: 43 @11308 has 396 MA's), (54, 11329), (59, 11341), (63, 11353), (137, 11584), (150, 11632), (171, 11704), (190, 11749), (195, 11773), (213, 11824), (242, 11878), (258, 11935), (271, 11974),

Gene: Orion_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for Orion_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Orwigg_12 Start: 11313, Stop: 12110, Start Num: 43

Candidate Starts for Orwigg_12:

(Start: 43 @11313 has 396 MA's), (54, 11334), (59, 11346), (63, 11358), (112, 11520), (137, 11589), (150, 11637), (171, 11709), (190, 11754), (195, 11778), (213, 11829), (242, 11883), (258, 11940), (271, 11979),

Gene: PG1_13 Start: 11603, Stop: 12406, Start Num: 43

Candidate Starts for PG1_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: PR_10 Start: 12685, Stop: 13461, Start Num: 49

Candidate Starts for PR_10:

(Start: 49 @12685 has 12 MA's), (59, 12706), (60, 12709), (66, 12727), (78, 12760), (91, 12814), (Start: 93 @12820 has 7 MA's), (102, 12853), (150, 13000), (157, 13024), (159, 13030), (189, 13114), (216, 13198), (237, 13240), (270, 13345), (273, 13351), (289, 13411),

Gene: Pacifista_12 Start: 11306, Stop: 12103, Start Num: 43

Candidate Starts for Pacifista_12:

(Start: 43 @11306 has 396 MA's), (54, 11327), (59, 11339), (63, 11351), (112, 11513), (137, 11582), (150, 11630), (171, 11702), (190, 11747), (195, 11771), (213, 11822), (242, 11876), (258, 11933), (271, 11972),

Gene: PallasAthena_13 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for PallasAthena_13:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Panchaali_75 Start: 46724, Stop: 47593, Start Num: 43

Candidate Starts for Panchaali_75:

(Start: 43 @46724 has 396 MA's), (62, 46769), (73, 46805), (183, 47186), (212, 47276), (257, 47408), (299, 47561),

Gene: Paries_22 Start: 16892, Stop: 17722, Start Num: 35

Candidate Starts for Paries_22:

(Start: 35 @16892 has 52 MA's), (Start: 40 @16901 has 2 MA's), (87, 17006), (121, 17096), (129, 17120), (143, 17174), (161, 17237), (174, 17285), (184, 17312), (191, 17342), (227, 17441), (244, 17489), (255, 17546), (265, 17576), (282, 17645), (286, 17657), (290, 17675), (295, 17690),

Gene: Paschalis_27 Start: 15672, Stop: 16502, Start Num: 44

Candidate Starts for Paschalis_27:

(Start: 44 @15672 has 94 MA's), (Start: 90 @15783 has 2 MA's), (Start: 117 @15855 has 2 MA's), (137, 15915), (174, 16065), (184, 16092), (190, 16116), (193, 16131), (207, 16170), (209, 16179), (212, 16191), (282, 16413), (297, 16467),

Gene: Patbob_81 Start: 50499, Stop: 51368, Start Num: 43

Candidate Starts for Patbob_81:

(Start: 43 @50499 has 396 MA's), (95, 50664), (257, 51183), (263, 51201),

Gene: PauloDiaboli_89 Start: 46349, Stop: 47230, Start Num: 43

Candidate Starts for PauloDiaboli_89:

(Start: 43 @46349 has 396 MA's), (68, 46412), (73, 46424), (138, 46661), (179, 46799), (186, 46814), (209, 46892), (243, 46994), (275, 47117), (277, 47132),

Gene: PenguinLover67_16 Start: 14236, Stop: 15033, Start Num: 28

Candidate Starts for PenguinLover67_16:

(Start: 28 @14236 has 2 MA's), (54, 14275), (59, 14287), (Start: 90 @14383 has 2 MA's), (116, 14470), (131, 14506), (135, 14518), (159, 14602), (191, 14704), (197, 14725), (244, 14842), (256, 14878), (258, 14884), (285, 14968), (295, 15007), (298, 15016),

Gene: Pepe25_24 Start: 14854, Stop: 15600, Start Num: 51

Candidate Starts for Pepe25_24:

(Start: 44 @14845 has 94 MA's), (Start: 51 @14854 has 51 MA's), (163, 15181), (207, 15304), (209, 15313), (241, 15388), (243, 15403), (283, 15541), (286, 15550), (296, 15586),

Gene: Phabia_26 Start: 15818, Stop: 16552, Start Num: 51

Candidate Starts for Phabia_26:

(Start: 44 @15809 has 94 MA's), (Start: 51 @15818 has 51 MA's), (74, 15878), (102, 15971), (139, 16070), (193, 16232), (209, 16280), (216, 16301), (253, 16400),

Gene: Phaedrus_14 Start: 13057, Stop: 13866, Start Num: 48

Candidate Starts for Phaedrus_14:

(Start: 48 @13057 has 54 MA's), (70, 13120), (Start: 90 @13183 has 2 MA's), (123, 13279), (135, 13327), (137, 13333), (150, 13381), (171, 13453), (185, 13483), (191, 13504), (210, 13564), (219, 13585), (244, 13651), (288, 13792), (289, 13795),

Gene: Phamished_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Phamished_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Phantasmagoria_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for Phantasmagoria_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: Phareon_13 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Phareon_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: PhatCats2014_13 Start: 11606, Stop: 12409, Start Num: 43

Candidate Starts for PhatCats2014_13:

(Start: 43 @11606 has 396 MA's), (54, 11627), (59, 11639), (63, 11651), (112, 11813), (137, 11882), (150, 11930), (171, 12002), (190, 12047), (195, 12071), (213, 12122), (242, 12176), (258, 12233), (271, 12272),

Gene: PhatLouie_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for PhatLouie_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Phauci_15 Start: 13922, Stop: 14752, Start Num: 31

Candidate Starts for Phauci_15:

(Start: 31 @13922 has 16 MA's), (34, 13928), (52, 13955), (54, 13961), (Start: 77 @14015 has 6 MA's), (137, 14186), (139, 14198), (161, 14273), (174, 14321), (207, 14423), (230, 14477), (244, 14522), (255, 14579), (286, 14690),

Gene: Phayeta_15 Start: 13016, Stop: 13825, Start Num: 48

Candidate Starts for Phayeta_15:

(Start: 48 @13016 has 54 MA's), (70, 13079), (Start: 90 @13142 has 2 MA's), (123, 13238), (135, 13286), (137, 13292), (150, 13340), (171, 13412), (185, 13442), (191, 13463), (210, 13523), (219, 13544), (244, 13610), (288, 13751), (289, 13754),

Gene: PhedwardCullen_27 Start: 15600, Stop: 16247, Start Num: 117

Candidate Starts for PhedwardCullen_27:

(Start: 44 @15417 has 94 MA's), (Start: 90 @15528 has 2 MA's), (Start: 117 @15600 has 2 MA's), (137, 15660), (174, 15810), (184, 15837), (190, 15861), (193, 15876), (207, 15915), (209, 15924), (212, 15936), (282, 16158), (297, 16212),

Gene: Phelemich_14 Start: 13595, Stop: 14401, Start Num: 43

Candidate Starts for Phelemich_14:

(Start: 43 @13595 has 396 MA's), (54, 13607), (81, 13685), (136, 13889), (137, 13892), (150, 13940), (156, 13961), (171, 14012), (193, 14075), (221, 14147), (244, 14204), (283, 14324),

Gene: Phendrix_75 Start: 38325, Stop: 39017, Start Num: 93

Candidate Starts for Phendrix_75:

(Start: 93 @38325 has 7 MA's), (161, 38562), (165, 38574), (171, 38595), (185, 38643), (187, 38649), (193, 38673), (200, 38694), (205, 38703), (211, 38724), (218, 38742), (235, 38781), (239, 38787), (259, 38859), (262, 38868), (270, 38892), (291, 38964), (295, 38979),

Gene: PhenghisKhan_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for PhenghisKhan_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Pherdinand_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for Pherdinand_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Phergie_12 Start: 11155, Stop: 11952, Start Num: 43

Candidate Starts for Phergie_12:

(Start: 43 @11155 has 396 MA's), (54, 11176), (59, 11188), (63, 11200), (137, 11431), (150, 11479), (171, 11551), (190, 11596), (195, 11620), (213, 11671), (242, 11725), (258, 11782), (271, 11821),

Gene: Philly_14 Start: 13006, Stop: 13815, Start Num: 48

Candidate Starts for Philly_14:

(Start: 48 @13006 has 54 MA's), (70, 13069), (Start: 90 @13132 has 2 MA's), (123, 13228), (135, 13276), (137, 13282), (150, 13330), (171, 13402), (185, 13432), (186, 13435), (191, 13453), (210, 13513), (219, 13534), (244, 13600), (288, 13741), (289, 13744),

Gene: Phinally_22 Start: 17352, Stop: 18182, Start Num: 31

Candidate Starts for Phinally_22:

(Start: 31 @17352 has 16 MA's), (34, 17358), (52, 17385), (54, 17391), (Start: 77 @17445 has 6 MA's), (137, 17616), (139, 17628), (161, 17703), (174, 17751), (207, 17853), (230, 17907), (242, 17937), (244, 17952), (255, 18009), (286, 18120),

Gene: Phinky_32 Start: 16706, Stop: 17443, Start Num: 51

Candidate Starts for Phinky_32:

(Start: 51 @16706 has 51 MA's), (74, 16766), (102, 16859), (110, 16886), (163, 17036), (209, 17168), (215, 17186), (243, 17255), (283, 17393), (286, 17402), (290, 17420),

Gene: Phipps_13 Start: 11593, Stop: 12396, Start Num: 43

Candidate Starts for Phipps_13:

(Start: 43 @11593 has 396 MA's), (54, 11614), (59, 11626), (63, 11638), (112, 11800), (137, 11869), (150, 11917), (171, 11989), (190, 12034), (195, 12058), (213, 12109), (242, 12163), (258, 12220), (271, 12259),

Gene: Phleuron_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for Phleuron_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Phlop_20 Start: 13916, Stop: 14728, Start Num: 44

Candidate Starts for Phlop_20:

(Start: 44 @13916 has 94 MA's), (80, 13997), (133, 14147), (174, 14294), (186, 14330), (225, 14444), (300, 14714),

Gene: Phlyer_15 Start: 13874, Stop: 14683, Start Num: 48

Candidate Starts for Phlyer_15:

(Start: 48 @13874 has 54 MA's), (70, 13937), (Start: 90 @14000 has 2 MA's), (123, 14096), (135, 14144), (137, 14150), (150, 14198), (171, 14270), (185, 14300), (191, 14321), (210, 14381), (219, 14402), (244, 14468), (288, 14609), (289, 14612),

Gene: Phorgeous_27 Start: 15525, Stop: 16355, Start Num: 44

Candidate Starts for Phorgeous_27:

(Start: 44 @15525 has 94 MA's), (Start: 90 @15636 has 2 MA's), (Start: 117 @15708 has 2 MA's), (137, 15768), (174, 15918), (184, 15945), (190, 15969), (193, 15984), (207, 16023), (209, 16032), (212, 16044), (282, 16266), (297, 16320),

Gene: Phrampa_74 Start: 47201, Stop: 48070, Start Num: 43

Candidate Starts for Phrampa_74:

(Start: 43 @47201 has 396 MA's), (88, 47333), (95, 47366), (257, 47885), (265, 47909), (268, 47924),

Gene: Phrancesco_28 Start: 15803, Stop: 16633, Start Num: 44

Candidate Starts for Phrancesco_28:

(Start: 44 @15803 has 94 MA's), (Start: 90 @15914 has 2 MA's), (Start: 117 @15986 has 2 MA's), (137, 16046), (174, 16196), (184, 16223), (190, 16247), (193, 16262), (207, 16301), (209, 16310), (212, 16322), (282, 16544), (297, 16598),

Gene: PhrankReynolds_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for PhrankReynolds_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: PhrodoBaggins_12 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for PhrodoBaggins_12:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Phunky_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Phunky_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: PierreOrion_28 Start: 15938, Stop: 16657, Start Num: 90

Candidate Starts for PierreOrion_28:

(Start: 44 @15827 has 94 MA's), (Start: 90 @15938 has 2 MA's), (Start: 117 @16010 has 2 MA's), (137, 16070), (174, 16220), (184, 16247), (190, 16271), (193, 16286), (207, 16325), (209, 16334), (212, 16346), (282, 16568), (297, 16622),

Gene: Piglet_0012 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Piglet_0012:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: PinheadLarry_13 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for PinheadLarry_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: PinkCoffee_22 Start: 14509, Stop: 15321, Start Num: 44

Candidate Starts for PinkCoffee_22:

(Start: 44 @14509 has 94 MA's), (80, 14590), (133, 14740), (174, 14887), (186, 14923), (225, 15037), (300, 15307),

Gene: Pinkman_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for Pinkman_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Pipefish_15 Start: 14024, Stop: 14833, Start Num: 48

Candidate Starts for Pipefish_15:

(Start: 48 @14024 has 54 MA's), (70, 14087), (Start: 90 @14150 has 2 MA's), (123, 14246), (135, 14294), (137, 14300), (150, 14348), (171, 14420), (185, 14450), (186, 14453), (191, 14471), (210, 14531), (219, 14552), (244, 14618), (288, 14759), (289, 14762),

Gene: PiperSansNom_28 Start: 15979, Stop: 16809, Start Num: 44

Candidate Starts for PiperSansNom_28:

(Start: 44 @15979 has 94 MA's), (Start: 90 @16090 has 2 MA's), (Start: 117 @16162 has 2 MA's), (137, 16222), (174, 16372), (184, 16399), (190, 16423), (193, 16438), (207, 16477), (209, 16486), (212, 16498), (282, 16720), (297, 16774),

Gene: Piperis_28 Start: 15649, Stop: 16479, Start Num: 44

Candidate Starts for Piperis_28:

(Start: 44 @15649 has 94 MA's), (Start: 90 @15760 has 2 MA's), (Start: 117 @15832 has 2 MA's), (137, 15892), (174, 16042), (184, 16069), (190, 16093), (193, 16108), (207, 16147), (209, 16156), (212, 16168), (282, 16390), (297, 16444),

Gene: Pipsqueak_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Pipsqueak_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Placalicious_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Placalicious_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Plata_12 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for Plata_12:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: Plmatters_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Plmatters_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Podrick_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Podrick_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Pops_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Pops_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Portcullis_20 Start: 13859, Stop: 14671, Start Num: 44

Candidate Starts for Portcullis_20:

(Start: 44 @13859 has 94 MA's), (80, 13940), (133, 14090), (174, 14237), (186, 14273), (225, 14387), (300, 14657),

Gene: Poster_12 Start: 12252, Stop: 13046, Start Num: 43

Candidate Starts for Poster_12:

(Start: 43 @12252 has 396 MA's), (54, 12273), (57, 12282), (Start: 77 @12339 has 6 MA's), (Start: 90 @12384 has 2 MA's), (135, 12522), (150, 12576), (156, 12597), (162, 12618), (164, 12624), (191, 12711), (206, 12753), (244, 12849), (249, 12867), (258, 12891), (272, 12933), (285, 12975), (298, 13023),

Gene: Potter_12 Start: 11310, Stop: 12113, Start Num: 43

Candidate Starts for Potter_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Prickles_13 Start: 11608, Stop: 12411, Start Num: 43

Candidate Starts for Prickles_13:

(Start: 43 @11608 has 396 MA's), (54, 11629), (59, 11641), (63, 11653), (112, 11815), (137, 11884), (150, 11932), (171, 12004), (190, 12049), (195, 12073), (213, 12124), (242, 12178), (258, 12235), (271, 12274),

Gene: Prince_13 Start: 13506, Stop: 14300, Start Num: 43

Candidate Starts for Prince_13:

(Start: 43 @13506 has 396 MA's), (54, 13527), (59, 13539), (Start: 90 @13638 has 2 MA's), (135, 13776), (150, 13830), (156, 13851), (162, 13872), (164, 13878), (171, 13902), (191, 13965), (206, 14007), (244, 14103), (245, 14106), (258, 14145), (272, 14187), (285, 14229), (298, 14277),

Gene: PrinceCharming_16 Start: 14652, Stop: 15470, Start Num: 39

Candidate Starts for PrinceCharming_16:

(Start: 39 @14652 has 37 MA's), (Start: 90 @14796 has 2 MA's), (91, 14802), (133, 14931), (135, 14937), (152, 14997), (163, 15036), (174, 15075), (191, 15114), (228, 15210), (244, 15258), (258, 15300), (270, 15336), (289, 15402),

Gene: ProfessorX_13 Start: 11600, Stop: 12397, Start Num: 43

Candidate Starts for ProfessorX_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Puhltonio_13 Start: 11593, Stop: 12396, Start Num: 43

Candidate Starts for Puhltonio_13:

(Start: 43 @11593 has 396 MA's), (54, 11614), (59, 11626), (63, 11638), (112, 11800), (137, 11869), (150, 11917), (171, 11989), (190, 12034), (195, 12058), (213, 12109), (242, 12163), (258, 12220), (271, 12259),

Gene: Pulchra_29 Start: 16049, Stop: 16879, Start Num: 44

Candidate Starts for Pulchra_29:

(Start: 44 @16049 has 94 MA's), (Start: 90 @16160 has 2 MA's), (Start: 117 @16232 has 2 MA's), (137, 16292), (174, 16442), (184, 16469), (190, 16493), (193, 16508), (207, 16547), (209, 16556), (212, 16568), (282, 16790), (297, 16844),

Gene: PullumCavea_20 Start: 13916, Stop: 14728, Start Num: 44

Candidate Starts for PullumCavea_20:

(Start: 44 @13916 has 94 MA's), (80, 13997), (133, 14147), (174, 14294), (186, 14330), (225, 14444), (300, 14714),

Gene: Pumpernickel_86 Start: 47559, Stop: 48443, Start Num: 43

Candidate Starts for Pumpernickel_86:

(Start: 43 @47559 has 396 MA's), (68, 47625), (71, 47634), (129, 47835), (138, 47874), (209, 48105), (212, 48117), (261, 48285), (268, 48309), (274, 48327), (275, 48330),

Gene: Pumpkiney_24 Start: 16247, Stop: 17071, Start Num: 44

Candidate Starts for Pumpkiney_24:

(Start: 44 @16247 has 94 MA's), (Start: 77 @16319 has 6 MA's), (96, 16385), (137, 16502), (154, 16559), (174, 16631), (183, 16652), (207, 16733), (212, 16754), (227, 16784), (236, 16805), (263, 16913), (265, 16919), (270, 16940), (281, 16985), (285, 16997), (291, 17021),

Gene: Purplicious_43 Start: 24298, Stop: 25065, Start Num: 43

Candidate Starts for Purplicious_43:

(Start: 43 @24298 has 396 MA's), (69, 24364), (82, 24400), (141, 24571), (143, 24574), (185, 24712), (189, 24724), (197, 24754), (207, 24778), (263, 24934), (265, 24940), (288, 25018), (296, 25045),

Gene: Quammi_24 Start: 15389, Stop: 16123, Start Num: 51

Candidate Starts for Quammi_24:

(Start: 44 @15380 has 94 MA's), (Start: 51 @15389 has 51 MA's), (74, 15449), (102, 15542), (139, 15641), (193, 15803), (209, 15851), (216, 15872), (253, 15971),

Gene: QueenBeane_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for QueenBeane_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: QueenPie_13 Start: 13850, Stop: 14644, Start Num: 43

Candidate Starts for QueenPie_13:

(Start: 43 @13850 has 396 MA's), (54, 13871), (59, 13883), (Start: 77 @13937 has 6 MA's), (Start: 90 @13982 has 2 MA's), (135, 14120), (150, 14174), (156, 14195), (162, 14216), (164, 14222), (206,

14351), (244, 14447), (249, 14465), (258, 14489), (285, 14573), (298, 14621),

Gene: Quesadilla_15 Start: 14040, Stop: 14831, Start Num: 32

Candidate Starts for Quesadilla_15:

(Start: 32 @14040 has 1 MA's), (59, 14085), (Start: 90 @14181 has 2 MA's), (116, 14268), (131, 14304), (135, 14316), (159, 14400), (191, 14502), (197, 14523), (204, 14541), (256, 14676), (258, 14682), (298, 14814),

Gene: Quhwah_31 Start: 16275, Stop: 17105, Start Num: 44

Candidate Starts for Quhwah_31:

(Start: 44 @16275 has 94 MA's), (Start: 90 @16386 has 2 MA's), (Start: 117 @16458 has 2 MA's), (137, 16518), (174, 16668), (184, 16695), (190, 16719), (193, 16734), (207, 16773), (209, 16782), (212, 16794), (282, 17016), (297, 17070),

Gene: Quisquiliae_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Quisquiliae_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Qyrzula_15 Start: 14622, Stop: 15440, Start Num: 39

Candidate Starts for Qyrzula_15:

(Start: 39 @14622 has 37 MA's), (Start: 90 @14766 has 2 MA's), (114, 14847), (133, 14901), (135, 14907), (152, 14967), (163, 15006), (174, 15045), (191, 15084), (228, 15180), (244, 15228), (258, 15270), (270, 15306), (289, 15372),

Gene: Racecar_83 Start: 50280, Stop: 51149, Start Num: 43

Candidate Starts for Racecar_83:

(Start: 43 @50280 has 396 MA's), (95, 50445), (257, 50964), (263, 50982),

Gene: RagingRooster_15 Start: 13141, Stop: 13950, Start Num: 48

Candidate Starts for RagingRooster_15:

(Start: 48 @13141 has 54 MA's), (70, 13204), (Start: 90 @13267 has 2 MA's), (123, 13363), (135, 13411), (137, 13417), (150, 13465), (171, 13537), (185, 13567), (191, 13588), (210, 13648), (219, 13669), (244, 13735), (288, 13876), (289, 13879),

Gene: RainyPolka_15 Start: 15874, Stop: 16773, Start Num: 43

Candidate Starts for RainyPolka_15:

(29, 15847), (Start: 43 @15874 has 396 MA's), (75, 15952), (85, 15976), (91, 16000), (94, 16009), (113, 16072), (122, 16090), (154, 16204), (159, 16219), (168, 16252), (173, 16273), (186, 16312), (189, 16321), (209, 16387), (210, 16393), (227, 16429), (243, 16480), (244, 16483), (251, 16510), (263, 16588), (279, 16651), (289, 16690), (295, 16711), (300, 16729), (310, 16762),

Gene: Ramiel05_27 Start: 15684, Stop: 16514, Start Num: 44

Candidate Starts for Ramiel05_27:

(Start: 44 @15684 has 94 MA's), (Start: 90 @15795 has 2 MA's), (Start: 117 @15867 has 2 MA's), (137, 15927), (174, 16077), (184, 16104), (190, 16128), (193, 16143), (207, 16182), (209, 16191), (212, 16203), (282, 16425), (297, 16479),

Gene: Rasputia_58 Start: 32048, Stop: 32869, Start Num: 42

Candidate Starts for Rasputia_58:

(Start: 42 @32048 has 1 MA's), (Start: 90 @32165 has 2 MA's), (99, 32201), (108, 32225), (143, 32324), (191, 32477), (217, 32558), (243, 32621), (248, 32639), (276, 32726), (296, 32798),

Gene: RawrgerThat_13 Start: 13340, Stop: 14134, Start Num: 43

Candidate Starts for RawrgerThat_13:

(Start: 43 @13340 has 396 MA's), (54, 13361), (59, 13373), (Start: 90 @13472 has 2 MA's), (135, 13610), (150, 13664), (156, 13685), (162, 13706), (164, 13712), (171, 13736), (191, 13799), (206, 13841), (244, 13937), (258, 13979), (272, 14021), (285, 14063), (298, 14111),

Gene: Reccee_14 Start: 13530, Stop: 14336, Start Num: 43

Candidate Starts for Reccee_14:

(Start: 43 @13530 has 396 MA's), (55, 13545), (65, 13572), (72, 13596), (81, 13620), (136, 13824), (137, 13827), (159, 13905), (171, 13947), (178, 13965), (186, 13983), (193, 14010), (197, 14022), (221, 14082), (244, 14139), (249, 14157), (258, 14181), (272, 14223), (283, 14259),

Gene: RedMaple_12 Start: 11596, Stop: 12399, Start Num: 43

Candidate Starts for RedMaple_12:

(Start: 43 @11596 has 396 MA's), (54, 11617), (59, 11629), (63, 11641), (112, 11803), (137, 11872), (150, 11920), (171, 11992), (190, 12037), (195, 12061), (213, 12112), (242, 12166), (258, 12223), (271, 12262),

Gene: RedRaider89_14 Start: 11834, Stop: 12637, Start Num: 43

Candidate Starts for RedRaider89_14:

(Start: 43 @11834 has 396 MA's), (54, 11855), (59, 11867), (63, 11879), (112, 12041), (137, 12110), (150, 12158), (171, 12230), (190, 12275), (195, 12299), (213, 12350), (242, 12404), (258, 12461), (271, 12500),

Gene: ReginaGlobina_82 Start: 49757, Stop: 50629, Start Num: 43

Candidate Starts for ReginaGlobina_82:

(Start: 43 @49757 has 396 MA's), (62, 49802), (183, 50219), (257, 50444),

Gene: Renkei_12 Start: 12259, Stop: 13053, Start Num: 43

Candidate Starts for Renkei_12:

(Start: 43 @12259 has 396 MA's), (54, 12280), (57, 12289), (Start: 77 @12346 has 6 MA's), (Start: 90 @12391 has 2 MA's), (135, 12529), (150, 12583), (156, 12604), (162, 12625), (164, 12631), (206, 12760), (244, 12856), (249, 12874), (258, 12898), (272, 12940), (285, 12982), (298, 13030),

Gene: Reprobate_14 Start: 13592, Stop: 14398, Start Num: 43

Candidate Starts for Reprobate_14:

(Start: 43 @13592 has 396 MA's), (54, 13604), (81, 13682), (136, 13886), (137, 13889), (150, 13937), (156, 13958), (171, 14009), (193, 14072), (221, 14144), (244, 14201), (283, 14321),

Gene: Rhinoforte_16 Start: 14649, Stop: 15467, Start Num: 39

Candidate Starts for Rhinoforte_16:

(Start: 39 @14649 has 37 MA's), (Start: 90 @14793 has 2 MA's), (114, 14874), (133, 14928), (135, 14934), (152, 14994), (163, 15033), (174, 15072), (191, 15111), (228, 15207), (244, 15255), (258, 15297), (270, 15333), (289, 15399),

Gene: Ribeye_22 Start: 17792, Stop: 18619, Start Num: 35

Candidate Starts for Ribeye_22:

(Start: 35 @17792 has 52 MA's), (Start: 40 @17801 has 2 MA's), (87, 17903), (121, 17993), (161, 18134), (174, 18182), (190, 18233), (207, 18287), (227, 18338), (234, 18356), (244, 18386), (250, 18407), (255, 18443), (265, 18473), (286, 18554), (290, 18572), (295, 18587), (300, 18605),

Gene: Rich_14 Start: 13348, Stop: 14154, Start Num: 43

Candidate Starts for Rich_14:

(Start: 43 @13348 has 396 MA's), (55, 13363), (65, 13390), (72, 13414), (81, 13438), (136, 13642), (137, 13645), (159, 13723), (167, 13753), (171, 13765), (193, 13828), (197, 13840), (244, 13957), (258, 13999), (272, 14041), (283, 14077),

Gene: Ricotta_12 Start: 11308, Stop: 12111, Start Num: 43

Candidate Starts for Ricotta_12:

(Start: 43 @11308 has 396 MA's), (54, 11329), (59, 11341), (63, 11353), (112, 11515), (137, 11584), (150, 11632), (171, 11704), (190, 11749), (195, 11773), (213, 11824), (242, 11878), (258, 11935), (271, 11974),

Gene: Riggan_13 Start: 11606, Stop: 12403, Start Num: 43

Candidate Starts for Riggan_13:

(Start: 43 @11606 has 396 MA's), (54, 11627), (59, 11639), (63, 11651), (112, 11813), (137, 11882), (150, 11930), (171, 12002), (190, 12047), (195, 12071), (213, 12122), (242, 12176), (258, 12233), (271, 12272),

Gene: Rimu_13 Start: 11302, Stop: 12105, Start Num: 43

Candidate Starts for Rimu_13:

(Start: 43 @11302 has 396 MA's), (54, 11323), (59, 11335), (63, 11347), (112, 11509), (137, 11578), (150, 11626), (171, 11698), (190, 11743), (195, 11767), (213, 11818), (242, 11872), (258, 11929), (271, 11968),

Gene: Rinkes_18 Start: 15361, Stop: 16194, Start Num: 43

Candidate Starts for Rinkes_18:

(Start: 43 @15361 has 396 MA's), (59, 15397), (85, 15475), (166, 15769), (180, 15805), (191, 15841), (204, 15880), (221, 15925), (226, 15931), (240, 15958), (254, 16015), (276, 16087), (288, 16132),

Gene: Rita130_14 Start: 13350, Stop: 14156, Start Num: 43

Candidate Starts for Rita130_14:

(Start: 43 @13350 has 396 MA's), (55, 13365), (65, 13392), (72, 13416), (81, 13440), (159, 13725), (171, 13767), (178, 13785), (186, 13803), (193, 13830), (197, 13842), (244, 13959), (249, 13977), (272, 14043), (283, 14079),

Gene: Rita1961_15 Start: 13135, Stop: 13944, Start Num: 48

Candidate Starts for Rita1961_15:

(Start: 48 @13135 has 54 MA's), (70, 13198), (Start: 90 @13261 has 2 MA's), (123, 13357), (135, 13405), (137, 13411), (150, 13459), (171, 13531), (185, 13561), (191, 13582), (210, 13642), (219, 13663), (244, 13729), (288, 13870), (289, 13873),

Gene: RiverRaider_22 Start: 16175, Stop: 17002, Start Num: 36

Candidate Starts for RiverRaider_22:

(Start: 35 @16172 has 52 MA's), (Start: 36 @16175 has 1 MA's), (Start: 40 @16181 has 2 MA's), (87, 16286), (161, 16517), (174, 16565), (190, 16616), (227, 16721), (234, 16739), (236, 16742), (244, 16769), (255, 16826), (263, 16850), (264, 16853), (265, 16856), (279, 16913), (286, 16937), (290, 16955),

Gene: Riverton_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Riverton_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: RoadKill_19 Start: 15230, Stop: 16060, Start Num: 31

Candidate Starts for RoadKill_19:

(Start: 31 @15230 has 16 MA's), (95, 15386), (97, 15398), (132, 15476), (155, 15560), (167, 15602), (174, 15629), (207, 15731), (212, 15752), (227, 15782), (263, 15911), (265, 15917), (270, 15938), (286, 15998),

Gene: RobinRose_27 Start: 15018, Stop: 15755, Start Num: 51

Candidate Starts for RobinRose_27:

(Start: 44 @15009 has 94 MA's), (Start: 51 @15018 has 51 MA's), (107, 15189), (163, 15345), (207, 15468), (209, 15477), (215, 15495), (243, 15567), (258, 15621), (286, 15714),

Gene: RobsFeet_29 Start: 15807, Stop: 16619, Start Num: 44

Candidate Starts for RobsFeet_29:

(Start: 44 @15807 has 94 MA's), (88, 15909), (Start: 90 @15918 has 2 MA's), (92, 15927), (115, 15987), (Start: 117 @15990 has 2 MA's), (137, 16050), (172, 16185), (181, 16224), (207, 16308), (209, 16317), (268, 16473), (282, 16527), (297, 16581), (306, 16608),

Gene: Robyn_12 Start: 11157, Stop: 11960, Start Num: 43

Candidate Starts for Robyn_12:

(Start: 43 @11157 has 396 MA's), (54, 11178), (59, 11190), (63, 11202), (112, 11364), (137, 11433), (150, 11481), (171, 11553), (190, 11598), (195, 11622), (213, 11673), (242, 11727), (258, 11784), (271, 11823),

Gene: Rockabye_84 Start: 52456, Stop: 53328, Start Num: 43

Candidate Starts for Rockabye_84:

(Start: 43 @52456 has 396 MA's), (102, 52648), (174, 52897), (257, 53143), (263, 53161),

Gene: Rockwell_27 Start: 15684, Stop: 16514, Start Num: 44

Candidate Starts for Rockwell_27:

(Start: 44 @15684 has 94 MA's), (Start: 90 @15795 has 2 MA's), (Start: 117 @15867 has 2 MA's), (137, 15927), (174, 16077), (184, 16104), (190, 16128), (193, 16143), (207, 16182), (209, 16191), (212, 16203), (282, 16425), (297, 16479),

Gene: Rofo_21 Start: 17144, Stop: 17974, Start Num: 35

Candidate Starts for Rofo_21:

(Start: 35 @17144 has 52 MA's), (Start: 40 @17153 has 2 MA's), (87, 17258), (121, 17348), (137, 17402), (143, 17426), (161, 17489), (174, 17537), (184, 17564), (191, 17594), (227, 17693), (244, 17741), (255, 17798), (263, 17822), (265, 17828), (282, 17897), (286, 17909), (290, 17927), (295, 17942),

Gene: RogerDodger_23 Start: 14709, Stop: 15521, Start Num: 44

Candidate Starts for RogerDodger_23:

(Start: 44 @14709 has 94 MA's), (80, 14790), (133, 14940), (174, 15087), (186, 15123), (225, 15237), (300, 15507),

Gene: Roliet_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for Roliet_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: RomaT_15 Start: 13921, Stop: 14730, Start Num: 48

Candidate Starts for RomaT_15:

(Start: 48 @13921 has 54 MA's), (70, 13984), (Start: 90 @14047 has 2 MA's), (123, 14143), (135, 14191), (137, 14197), (150, 14245), (171, 14317), (185, 14347), (186, 14350), (191, 14368), (210, 14428), (219, 14449), (244, 14515), (288, 14656), (289, 14659),

Gene: Romm_27 Start: 15018, Stop: 15755, Start Num: 51

Candidate Starts for Romm_27:

(Start: 44 @15009 has 94 MA's), (Start: 51 @15018 has 51 MA's), (107, 15189), (163, 15345), (207, 15468), (209, 15477), (215, 15495), (243, 15567), (258, 15621), (286, 15714),

Gene: Roscoe_14 Start: 11837, Stop: 12634, Start Num: 43

Candidate Starts for Roscoe_14:

(Start: 43 @11837 has 396 MA's), (54, 11858), (59, 11870), (63, 11882), (112, 12044), (137, 12113), (150, 12161), (171, 12233), (190, 12278), (195, 12302), (213, 12353), (242, 12407), (258, 12464), (271, 12503),

Gene: Rosebush_16 Start: 14649, Stop: 15467, Start Num: 39

Candidate Starts for Rosebush_16:

(Start: 39 @14649 has 37 MA's), (Start: 90 @14793 has 2 MA's), (114, 14874), (133, 14928), (135, 14934), (152, 14994), (163, 15033), (174, 15072), (191, 15111), (228, 15207), (244, 15255), (258, 15297), (270, 15333), (289, 15399),

Gene: Rowlf_22 Start: 15147, Stop: 15881, Start Num: 51

Candidate Starts for Rowlf_22:

(Start: 44 @15138 has 94 MA's), (Start: 51 @15147 has 51 MA's), (74, 15207), (102, 15300), (139, 15399), (193, 15561), (209, 15609), (216, 15630), (253, 15729), (260, 15756),

Gene: Roy17_13 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for Roy17_13:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: RubyRalph_28 Start: 15664, Stop: 16398, Start Num: 51

Candidate Starts for RubyRalph_28:

(Start: 51 @15664 has 51 MA's), (106, 15832), (139, 15913), (209, 16120), (243, 16210), (259, 16267), (267, 16297),

Gene: Rudy_24 Start: 15389, Stop: 16123, Start Num: 51

Candidate Starts for Rudy_24:

(Start: 44 @15380 has 94 MA's), (Start: 51 @15389 has 51 MA's), (74, 15449), (102, 15542), (139, 15641), (193, 15803), (209, 15851), (216, 15872), (253, 15971),

Gene: SDcharge11_13 Start: 11595, Stop: 12398, Start Num: 43

Candidate Starts for SDcharge11_13:

(Start: 43 @11595 has 396 MA's), (54, 11616), (59, 11628), (63, 11640), (112, 11802), (137, 11871), (150, 11919), (171, 11991), (190, 12036), (195, 12060), (213, 12111), (242, 12165), (258, 12222), (271, 12261),

Gene: SJReid_85 Start: 51543, Stop: 52412, Start Num: 43

Candidate Starts for SJReid_85:

(Start: 43 @51543 has 396 MA's), (174, 51981), (188, 52011), (243, 52158), (257, 52227),

Gene: Sabella_16 Start: 14535, Stop: 15353, Start Num: 39

Candidate Starts for Sabella_16:

(Start: 39 @14535 has 37 MA's), (Start: 90 @14679 has 2 MA's), (114, 14760), (133, 14814), (135, 14820), (152, 14880), (163, 14919), (174, 14958), (191, 14997), (228, 15093), (244, 15141), (258, 15183), (270, 15219), (289, 15285),

Gene: SadLad_30 Start: 16601, Stop: 17335, Start Num: 51

Candidate Starts for SadLad_30:

(Start: 51 @16601 has 51 MA's), (106, 16769), (139, 16850), (209, 17057), (243, 17147), (259, 17204), (267, 17234),

Gene: Saguaro_15 Start: 14245, Stop: 15039, Start Num: 33

Candidate Starts for Saguaro_15:

(Start: 33 @14245 has 1 MA's), (45, 14260), (59, 14287), (78, 14341), (130, 14497), (131, 14506), (135, 14518), (150, 14572), (163, 14617), (185, 14683), (199, 14731), (213, 14773), (258, 14884), (285, 14968), (288, 14983), (298, 15016),

Gene: Salete_14 Start: 15544, Stop: 16440, Start Num: 43

Candidate Starts for Salete_14:

(Start: 43 @15544 has 396 MA's), (75, 15622), (85, 15646), (91, 15670), (94, 15679), (113, 15742), (154, 15874), (159, 15889), (168, 15922), (173, 15943), (186, 15982), (189, 15991), (209, 16057), (210, 16063), (212, 16069), (227, 16099), (240, 16129), (244, 16153), (263, 16258), (272, 16291), (285, 16342), (289, 16360), (300, 16399), (308, 16426),

Gene: SallyH_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for SallyH_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: SallyK_27 Start: 16535, Stop: 17269, Start Num: 51

Candidate Starts for SallyK_27:

(Start: 44 @16526 has 94 MA's), (Start: 51 @16535 has 51 MA's), (74, 16595), (139, 16787), (193, 16949), (202, 16976), (209, 16997), (215, 17015), (216, 17018), (232, 17045), (233, 17048), (243, 17084), (253, 17117), (260, 17144),

Gene: Salvador_20 Start: 13830, Stop: 14642, Start Num: 44

Candidate Starts for Salvador_20:

(Start: 44 @13830 has 94 MA's), (80, 13911), (133, 14061), (174, 14208), (186, 14244), (225, 14358), (300, 14628),

Gene: Samaymay_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Samaymay_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Sampson_22 Start: 17485, Stop: 18309, Start Num: 44

Candidate Starts for Sampson_22:

(Start: 44 @17485 has 94 MA's), (Start: 77 @17557 has 6 MA's), (96, 17623), (124, 17698), (137, 17740), (154, 17797), (174, 17869), (183, 17890), (188, 17911), (207, 17971), (212, 17992), (222, 18013), (227, 18022), (236, 18043), (244, 18070), (255, 18127), (263, 18151), (265, 18157), (270, 18178), (285, 18235), (291, 18259),

Gene: Sanjuju_19 Start: 16656, Stop: 17486, Start Num: 35

Candidate Starts for Sanjuju_19:

(Start: 35 @16656 has 52 MA's), (Start: 40 @16665 has 2 MA's), (87, 16770), (121, 16860), (137, 16914), (143, 16938), (161, 17001), (174, 17049), (184, 17076), (227, 17205), (244, 17253), (255, 17310), (263, 17334), (265, 17340), (282, 17409), (286, 17421), (290, 17439), (295, 17454),

Gene: Saronaya_21 Start: 16571, Stop: 17398, Start Num: 35

Candidate Starts for Saronaya_21:

(Start: 35 @16571 has 52 MA's), (Start: 40 @16580 has 2 MA's), (87, 16682), (121, 16772), (161, 16913), (174, 16961), (190, 17012), (207, 17066), (227, 17117), (234, 17135), (244, 17165), (250, 17186), (255, 17222), (265, 17252), (286, 17333), (290, 17351), (295, 17366),

Gene: SassyCat97_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for SassyCat97_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Savannah_27 Start: 15711, Stop: 16541, Start Num: 44

Candidate Starts for Savannah_27:

(Start: 44 @15711 has 94 MA's), (Start: 90 @15822 has 2 MA's), (Start: 117 @15894 has 2 MA's), (137, 15954), (174, 16104), (184, 16131), (190, 16155), (193, 16170), (207, 16209), (209, 16218), (212, 16230), (282, 16452), (297, 16506),

Gene: Savbucketdawg_20 Start: 13611, Stop: 14423, Start Num: 44

Candidate Starts for Savbucketdawg_20:

(Start: 44 @13611 has 94 MA's), (80, 13692), (133, 13842), (174, 13989), (186, 14025), (225, 14139), (300, 14409),

Gene: Schadenfreude_12 Start: 11147, Stop: 11950, Start Num: 43

Candidate Starts for Schadenfreude_12:

(Start: 43 @11147 has 396 MA's), (54, 11168), (59, 11180), (63, 11192), (112, 11354), (137, 11423), (150, 11471), (171, 11543), (190, 11588), (195, 11612), (213, 11663), (242, 11717), (258, 11774), (271, 11813),

Gene: SchottB_20 Start: 17572, Stop: 18399, Start Num: 35

Candidate Starts for SchottB_20:

(Start: 35 @17572 has 52 MA's), (Start: 40 @17581 has 2 MA's), (87, 17683), (129, 17797), (161, 17914), (174, 17962), (190, 18013), (207, 18067), (227, 18118), (234, 18136), (244, 18166), (250, 18187), (255, 18223), (265, 18253), (286, 18334), (290, 18352), (295, 18367),

Gene: Schueller_12 Start: 11306, Stop: 12103, Start Num: 43

Candidate Starts for Schueller_12:

(Start: 43 @11306 has 396 MA's), (54, 11327), (59, 11339), (63, 11351), (112, 11513), (137, 11582), (150, 11630), (171, 11702), (190, 11747), (195, 11771), (213, 11822), (242, 11876), (258, 11933), (271, 11972),

Gene: Scioto_22 Start: 17540, Stop: 18364, Start Num: 44

Candidate Starts for Scioto_22:

(Start: 44 @17540 has 94 MA's), (Start: 77 @17612 has 6 MA's), (96, 17678), (124, 17753), (137, 17795), (154, 17852), (174, 17924), (183, 17945), (188, 17966), (207, 18026), (212, 18047), (222, 18068), (227, 18077), (236, 18098), (244, 18125), (255, 18182), (263, 18206), (265, 18212), (270, 18233), (285, 18290), (291, 18314),

Gene: Scoot17C_13 Start: 11603, Stop: 12406, Start Num: 43

Candidate Starts for Scoot17C_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Scrick_12 Start: 11310, Stop: 12113, Start Num: 43

Candidate Starts for Scrick_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Scumberland_29 Start: 15899, Stop: 16729, Start Num: 44

Candidate Starts for Scumberland_29:

(Start: 44 @15899 has 94 MA's), (Start: 90 @16010 has 2 MA's), (Start: 117 @16082 has 2 MA's), (137, 16142), (174, 16292), (184, 16319), (190, 16343), (193, 16358), (207, 16397), (209, 16406), (212, 16418), (282, 16640), (297, 16694),

Gene: Sedona_23 Start: 18961, Stop: 19791, Start Num: 35

Candidate Starts for Sedona_23:

(Start: 35 @18961 has 52 MA's), (Start: 40 @18970 has 2 MA's), (87, 19075), (121, 19165), (129, 19189), (137, 19219), (143, 19243), (161, 19306), (174, 19354), (184, 19381), (227, 19510), (244, 19558), (255, 19615), (263, 19639), (265, 19645), (282, 19714), (286, 19726), (290, 19744), (295, 19759),

Gene: Sejanus_11 Start: 11588, Stop: 12436, Start Num: 49

Candidate Starts for Sejanus_11:

(Start: 49 @11588 has 12 MA's), (55, 11603), (Start: 90 @11714 has 2 MA's), (Start: 93 @11726 has 7 MA's), (102, 11759), (137, 11861), (150, 11909), (164, 11957), (171, 11981), (189, 12023), (231, 12131), (244, 12176), (249, 12194), (272, 12260), (276, 12272), (283, 12296), (288, 12317), (298, 12350),

Gene: Selr12_13 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Selr12_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Selwyn23_29 Start: 15877, Stop: 16707, Start Num: 44

Candidate Starts for Selwyn23_29:

(Start: 44 @15877 has 94 MA's), (Start: 90 @15988 has 2 MA's), (Start: 117 @16060 has 2 MA's), (137, 16120), (174, 16270), (184, 16297), (190, 16321), (193, 16336), (207, 16375), (209, 16384), (212, 16396), (282, 16618), (297, 16672),

Gene: Sendy_21 Start: 13961, Stop: 14773, Start Num: 44

Candidate Starts for Sendy_21:

(Start: 44 @13961 has 94 MA's), (80, 14042), (133, 14192), (174, 14339), (186, 14375), (225, 14489), (300, 14759),

Gene: Serendipitous_14 Start: 13398, Stop: 14204, Start Num: 43

Candidate Starts for Serendipitous_14:

(Start: 43 @13398 has 396 MA's), (81, 13488), (136, 13692), (159, 13773), (171, 13815), (186, 13851), (193, 13878), (221, 13950), (244, 14007), (258, 14049), (272, 14091), (283, 14127),

Gene: Serendipity_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Serendipity_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Serpentine_0013 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Serpentine_0013:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: ShadowBud_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for ShadowBud_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: SharkTale_20 Start: 14574, Stop: 15386, Start Num: 44

Candidate Starts for SharkTale_20:

(Start: 44 @14574 has 94 MA's), (80, 14655), (133, 14805), (167, 14925), (174, 14952), (225, 15102), (263, 15234), (300, 15372),

Gene: Shatter_12 Start: 11636, Stop: 12418, Start Num: 43

Candidate Starts for Shatter_12:

(Start: 43 @11636 has 396 MA's), (50, 11648), (78, 11726), (258, 12272), (263, 12287), (270, 12308), (283, 12350), (285, 12356), (295, 12395),

Gene: Sheila_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for Sheila_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Shenandoah_15 Start: 13119, Stop: 13928, Start Num: 48

Candidate Starts for Shenandoah_15:

(Start: 48 @13119 has 54 MA's), (70, 13182), (Start: 90 @13245 has 2 MA's), (123, 13341), (135, 13389), (137, 13395), (150, 13443), (171, 13515), (185, 13545), (186, 13548), (191, 13566), (210, 13626), (219, 13647), (244, 13713), (288, 13854), (289, 13857),

Gene: Shenyu_14 Start: 13334, Stop: 14140, Start Num: 43

Candidate Starts for Shenyu_14:

(Start: 43 @13334 has 396 MA's), (81, 13424), (136, 13628), (159, 13709), (171, 13751), (193, 13814), (197, 13826), (221, 13886), (244, 13943), (258, 13985), (283, 14063), (298, 14117),

Gene: ShiVal_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for ShiVal_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Shinji_20 Start: 13800, Stop: 14612, Start Num: 44

Candidate Starts for Shinji_20:

(Start: 44 @13800 has 94 MA's), (80, 13881), (133, 14031), (174, 14178), (186, 14214), (225, 14328), (300, 14598),

Gene: Shivanishola_21 Start: 16950, Stop: 17780, Start Num: 35

Candidate Starts for Shivanishola_21:

(Start: 35 @16950 has 52 MA's), (Start: 40 @16959 has 2 MA's), (87, 17064), (121, 17154), (137, 17208), (143, 17232), (161, 17295), (174, 17343), (184, 17370), (189, 17391), (191, 17400), (227, 17499), (244, 17547), (255, 17604), (263, 17628), (265, 17634), (282, 17703), (286, 17715), (290, 17733), (295, 17748),

Gene: Shotgun_27 Start: 15509, Stop: 16339, Start Num: 44

Candidate Starts for Shotgun_27:

(Start: 44 @15509 has 94 MA's), (Start: 90 @15620 has 2 MA's), (Start: 117 @15692 has 2 MA's), (137, 15752), (174, 15902), (184, 15929), (190, 15953), (193, 15968), (207, 16007), (209, 16016), (212, 16028), (282, 16250), (297, 16304),

Gene: Shrubaron_28 Start: 15441, Stop: 16253, Start Num: 44

Candidate Starts for Shrubaron_28:

(Start: 44 @15441 has 94 MA's), (88, 15543), (Start: 90 @15552 has 2 MA's), (92, 15561), (115, 15621), (Start: 117 @15624 has 2 MA's), (137, 15684), (172, 15819), (181, 15858), (207, 15942), (209, 15951), (268, 16107), (282, 16161), (297, 16215), (306, 16242),

Gene: Sigman_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for Sigman_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Sillytadpoles_25 Start: 15387, Stop: 16121, Start Num: 51

Candidate Starts for Sillytadpoles_25:

(Start: 44 @15378 has 94 MA's), (Start: 51 @15387 has 51 MA's), (74, 15447), (102, 15540), (139, 15639), (193, 15801), (209, 15849), (216, 15870), (253, 15969),

Gene: SilverBell_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for SilverBell_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Simielle_12 Start: 11300, Stop: 12097, Start Num: 43

Candidate Starts for Simielle_12:

(Start: 43 @11300 has 396 MA's), (54, 11321), (59, 11333), (63, 11345), (112, 11507), (137, 11576), (150, 11624), (171, 11696), (190, 11741), (195, 11765), (213, 11816), (242, 11870), (258, 11927), (271, 11966),

Gene: SirBeauregard_12 Start: 11263, Stop: 12066, Start Num: 43

Candidate Starts for SirBeauregard_12:

(Start: 43 @11263 has 396 MA's), (54, 11284), (59, 11296), (63, 11308), (112, 11470), (137, 11539), (150, 11587), (171, 11659), (190, 11704), (195, 11728), (213, 11779), (242, 11833), (258, 11890), (271, 11929),

Gene: SirFrank_27 Start: 15623, Stop: 16453, Start Num: 44

Candidate Starts for SirFrank_27:

(Start: 44 @15623 has 94 MA's), (Start: 90 @15734 has 2 MA's), (Start: 117 @15806 has 2 MA's), (174, 16016), (184, 16043), (190, 16067), (193, 16082), (209, 16130), (212, 16142), (263, 16289), (268, 16310), (282, 16364), (297, 16418),

Gene: SirJeffery_14 Start: 13351, Stop: 14157, Start Num: 43

Candidate Starts for SirJeffery_14:

(Start: 43 @13351 has 396 MA's), (55, 13366), (65, 13393), (81, 13441), (159, 13726), (171, 13768), (178, 13786), (186, 13804), (193, 13831), (197, 13843), (221, 13903), (244, 13960), (249, 13978), (258, 14002), (272, 14044), (283, 14080),

Gene: Sisko_12 Start: 11968, Stop: 12750, Start Num: 43

Candidate Starts for Sisko_12:

(Start: 43 @11968 has 396 MA's), (59, 12007), (78, 12061), (152, 12301), (159, 12325), (207, 12463), (212, 12484), (249, 12580), (257, 12601), (263, 12619), (272, 12646), (295, 12727),

Gene: Sitar_23 Start: 18329, Stop: 19159, Start Num: 35

Candidate Starts for Sitar_23:

(Start: 35 @18329 has 52 MA's), (Start: 40 @18338 has 2 MA's), (87, 18443), (121, 18533), (129, 18557), (137, 18587), (143, 18611), (161, 18674), (174, 18722), (184, 18749), (227, 18878), (244, 18926), (255, 18983), (263, 19007), (265, 19013), (282, 19082), (286, 19094), (290, 19112), (295, 19127),

Gene: Sixama_82 Start: 43469, Stop: 44158, Start Num: 93

Candidate Starts for Sixama_82:

(Start: 93 @43469 has 7 MA's), (120, 43547), (124, 43565), (138, 43622), (165, 43718), (187, 43793), (200, 43835), (224, 43898), (235, 43925), (246, 43967), (265, 44021), (295, 44123),

Gene: Sixsevenium_21 Start: 13726, Stop: 14538, Start Num: 44

Candidate Starts for Sixsevenium_21:

(Start: 44 @13726 has 94 MA's), (80, 13807), (133, 13957), (167, 14077), (174, 14104), (225, 14254), (263, 14386), (300, 14524),

Gene: Skippy_13 Start: 11605, Stop: 12402, Start Num: 43

Candidate Starts for Skippy_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Skugga_26 Start: 15141, Stop: 15956, Start Num: 44

Candidate Starts for Skugga_26:

(Start: 44 @15141 has 94 MA's), (88, 15243), (Start: 90 @15252 has 2 MA's), (92, 15261), (Start: 117 @15324 has 2 MA's), (136, 15381), (181, 15558), (193, 15603), (209, 15651), (268, 15807), (282, 15861),

Gene: Slatt_13 Start: 11607, Stop: 12410, Start Num: 43

Candidate Starts for Slatt_13:

(Start: 43 @11607 has 396 MA's), (54, 11628), (59, 11640), (63, 11652), (112, 11814), (137, 11883), (150, 11931), (171, 12003), (190, 12048), (195, 12072), (213, 12123), (242, 12177), (258, 12234), (271, 12273),

Gene: SlippinJimmy_15 Start: 13905, Stop: 14714, Start Num: 48

Candidate Starts for SlippinJimmy_15:

(Start: 48 @13905 has 54 MA's), (70, 13968), (Start: 90 @14031 has 2 MA's), (123, 14127), (135, 14175), (137, 14181), (150, 14229), (171, 14301), (185, 14331), (186, 14334), (191, 14352), (210, 14412), (219, 14433), (244, 14499), (288, 14640), (289, 14643),

Gene: SlySloth_28 Start: 16444, Stop: 17178, Start Num: 51

Candidate Starts for SlySloth_28:

(Start: 44 @16435 has 94 MA's), (Start: 51 @16444 has 51 MA's), (74, 16504), (102, 16597), (139, 16696), (193, 16858), (209, 16906), (216, 16927), (253, 17026), (260, 17053),

Gene: Smarties_36 Start: 17634, Stop: 18449, Start Num: 44

Candidate Starts for Smarties_36:

(Start: 44 @17634 has 94 MA's), (88, 17736), (Start: 90 @17745 has 2 MA's), (92, 17754), (137, 17877), (181, 18051), (209, 18144), (268, 18300), (282, 18354), (298, 18411), (305, 18435),

Gene: SmokingBunny_20 Start: 13830, Stop: 14642, Start Num: 44

Candidate Starts for SmokingBunny_20:

(Start: 44 @13830 has 94 MA's), (80, 13911), (133, 14061), (174, 14208), (186, 14244), (225, 14358), (300, 14628),

Gene: Soile_13 Start: 11308, Stop: 12111, Start Num: 43

Candidate Starts for Soile_13:

(Start: 43 @11308 has 396 MA's), (54, 11329), (59, 11341), (63, 11353), (112, 11515), (137, 11584), (150, 11632), (171, 11704), (190, 11749), (195, 11773), (213, 11824), (242, 11878), (258, 11935), (271, 11974),

Gene: Solosis_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Solosis_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Soos_41 Start: 24289, Stop: 25056, Start Num: 43

Candidate Starts for Soos_41:

(Start: 43 @24289 has 396 MA's), (69, 24355), (82, 24391), (141, 24562), (143, 24565), (189, 24715), (207, 24769), (263, 24925), (265, 24931), (288, 25009), (296, 25036),

Gene: Sophia_12 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Sophia_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Soto_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Soto_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Sour_15 Start: 13282, Stop: 14088, Start Num: 27

Candidate Starts for Sour_15:

(Start: 27 @13282 has 1 MA's), (Start: 43 @13324 has 396 MA's), (59, 13348), (76, 13399), (84, 13423), (Start: 90 @13447 has 2 MA's), (129, 13555), (152, 13639), (153, 13645), (189, 13747), (191, 13756), (212, 13822), (244, 13900), (257, 13939), (271, 13981),

Gene: Spartan300_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for Spartan300_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Squash_28 Start: 16457, Stop: 17191, Start Num: 51

Candidate Starts for Squash_28:

(Start: 44 @16448 has 94 MA's), (Start: 51 @16457 has 51 MA's), (74, 16517), (102, 16610), (139, 16709), (193, 16871), (209, 16919), (216, 16940), (253, 17039), (260, 17066), (278, 17126),

Gene: Squid_13 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Squid_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Squiggle_13 Start: 11309, Stop: 12106, Start Num: 43

Candidate Starts for Squiggle_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: StAugustine_18 Start: 15471, Stop: 16352, Start Num: 43

Candidate Starts for StAugustine_18:

(Start: 43 @15471 has 396 MA's), (Start: 51 @15483 has 51 MA's), (136, 15759), (140, 15777), (189, 15924), (223, 16023), (227, 16029), (242, 16068), (244, 16083), (249, 16101), (256, 16119), (298, 16284),

Gene: Statler_27 Start: 16369, Stop: 17103, Start Num: 51

Candidate Starts for Statler_27:

(Start: 44 @16360 has 94 MA's), (Start: 51 @16369 has 51 MA's), (74, 16429), (102, 16522), (139, 16621), (193, 16783), (202, 16810), (209, 16831), (215, 16849), (216, 16852), (232, 16879), (233, 16882), (243, 16918), (253, 16951),

Gene: Stewart25555_73 Start: 46149, Stop: 47018, Start Num: 43

Candidate Starts for Stewart25555_73:

(Start: 43 @46149 has 396 MA's), (62, 46194), (73, 46230), (135, 46449), (183, 46611), (212, 46701), (257, 46833),

Gene: Stichling_20 Start: 16127, Stop: 16954, Start Num: 35

Candidate Starts for Stichling_20:

(Start: 35 @16127 has 52 MA's), (Start: 40 @16136 has 2 MA's), (87, 16238), (121, 16328), (129, 16352), (161, 16469), (174, 16517), (190, 16568), (207, 16622), (227, 16673), (234, 16691), (244, 16721), (250, 16742), (255, 16778), (265, 16808), (268, 16823), (286, 16889), (290, 16907), (295, 16922), (300, 16940),

Gene: Stillion_45 Start: 24874, Stop: 25641, Start Num: 43

Candidate Starts for Stillion_45:

(Start: 43 @24874 has 396 MA's), (69, 24940), (82, 24976), (141, 25147), (143, 25150), (189, 25300), (207, 25354), (263, 25510), (265, 25516), (288, 25594), (296, 25621),

Gene: Sting_44 Start: 24728, Stop: 25495, Start Num: 43

Candidate Starts for Sting_44:

(Start: 43 @24728 has 396 MA's), (69, 24794), (82, 24830), (141, 25001), (143, 25004), (189, 25154), (207, 25208), (263, 25364), (265, 25370), (288, 25448), (296, 25475),

Gene: Stinger_11 Start: 11803, Stop: 12600, Start Num: 43

Candidate Starts for Stinger_11:

(Start: 43 @11803 has 396 MA's), (57, 11830), (Start: 77 @11887 has 6 MA's), (Start: 90 @11932 has 2 MA's), (135, 12070), (150, 12124), (156, 12145), (162, 12166), (164, 12172), (171, 12196), (206, 12301), (242, 12388), (249, 12421), (258, 12445), (272, 12487), (285, 12529), (298, 12577),

Gene: StinkyVeggy_15 Start: 13490, Stop: 14296, Start Num: 43

Candidate Starts for StinkyVeggy_15:

(Start: 43 @13490 has 396 MA's), (136, 13784), (159, 13865), (171, 13907), (193, 13970), (197, 13982), (221, 14042), (244, 14099), (258, 14141), (283, 14219), (298, 14273),

Gene: StorminNorm_21 Start: 16451, Stop: 17278, Start Num: 35

Candidate Starts for StorminNorm_21:

(Start: 35 @16451 has 52 MA's), (Start: 40 @16460 has 2 MA's), (87, 16562), (Start: 93 @16589 has 7 MA's), (121, 16652), (129, 16676), (161, 16793), (174, 16841), (190, 16892), (207, 16946), (227, 16997), (234, 17015), (244, 17045), (250, 17066), (255, 17102), (265, 17132), (286, 17213), (290, 17231), (295, 17246),

Gene: StrawberryJamm_28 Start: 15689, Stop: 16423, Start Num: 51

Candidate Starts for StrawberryJamm_28:

(Start: 44 @15680 has 94 MA's), (Start: 51 @15689 has 51 MA's), (74, 15749), (139, 15941), (193, 16103), (202, 16130), (209, 16151), (216, 16172), (232, 16199), (233, 16202), (243, 16238), (253, 16271), (260, 16298),

Gene: Struggle_12 Start: 11155, Stop: 11952, Start Num: 43

Candidate Starts for Struggle_12:

(Start: 43 @11155 has 396 MA's), (54, 11176), (59, 11188), (63, 11200), (137, 11431), (150, 11479), (171, 11551), (190, 11596), (195, 11620), (213, 11671), (242, 11725), (258, 11782), (271, 11821),

Gene: Stultus_21 Start: 16940, Stop: 17770, Start Num: 35

Candidate Starts for Stultus_21:

(Start: 35 @16940 has 52 MA's), (Start: 40 @16949 has 2 MA's), (87, 17054), (121, 17144), (129, 17168), (137, 17198), (143, 17222), (161, 17285), (174, 17333), (184, 17360), (227, 17489), (244, 17537), (255, 17594), (263, 17618), (265, 17624), (282, 17693), (286, 17705), (290, 17723), (295, 17738),

Gene: Suffolk_13 Start: 11601, Stop: 12404, Start Num: 43

Candidate Starts for Suffolk_13:

(Start: 43 @11601 has 396 MA's), (54, 11622), (59, 11634), (63, 11646), (112, 11808), (137, 11877), (150, 11925), (171, 11997), (190, 12042), (195, 12066), (213, 12117), (242, 12171), (258, 12228), (271, 12267),

Gene: Suigeneris_14 Start: 13351, Stop: 14157, Start Num: 43

Candidate Starts for Suigeneris_14:

(Start: 43 @13351 has 396 MA's), (55, 13366), (65, 13393), (81, 13441), (159, 13726), (171, 13768), (178, 13786), (186, 13804), (193, 13831), (197, 13843), (221, 13903), (244, 13960), (249, 13978), (258, 14002), (272, 14044), (283, 14080),

Gene: Sunfish_33 Start: 16941, Stop: 17747, Start Num: 40

Candidate Starts for Sunfish_33:

(Start: 40 @16941 has 2 MA's), (95, 17088), (99, 17106), (137, 17199), (151, 17250), (166, 17304), (175, 17322), (191, 17376), (227, 17475),

Gene: Sunny_ Start: 15926, Stop: 16729, Start Num: 44

Candidate Starts for Sunny_:

(Start: 44 @15926 has 94 MA's), (88, 16028), (Start: 90 @16037 has 2 MA's), (92, 16046), (142, 16193), (181, 16340), (198, 16403), (207, 16424), (209, 16433), (268, 16589), (282, 16643), (297, 16697),

Gene: Surely_13 Start: 11605, Stop: 12408, Start Num: 43

Candidate Starts for Surely_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: SwainyDoc_15 Start: 13138, Stop: 13947, Start Num: 48

Candidate Starts for SwainyDoc_15:

(Start: 48 @13138 has 54 MA's), (70, 13201), (Start: 90 @13264 has 2 MA's), (123, 13360), (135, 13408), (137, 13414), (150, 13462), (171, 13534), (185, 13564), (191, 13585), (210, 13645), (219, 13666), (244, 13732), (288, 13873), (289, 13876),

Gene: Swiphy_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Swiphy_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Swish_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for Swish_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: SynergyX_15 Start: 13141, Stop: 13950, Start Num: 48

Candidate Starts for SynergyX_15:

(Start: 48 @13141 has 54 MA's), (70, 13204), (Start: 90 @13267 has 2 MA's), (123, 13363), (135, 13411), (137, 13417), (150, 13465), (171, 13537), (185, 13567), (191, 13588), (210, 13648), (219, 13669), (244, 13735), (288, 13876), (289, 13879),

Gene: TA17A_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for TA17A_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: TP1604_14 Start: 15544, Stop: 16440, Start Num: 43

Candidate Starts for TP1604_14:

(Start: 43 @15544 has 396 MA's), (75, 15622), (85, 15646), (91, 15670), (94, 15679), (113, 15742), (154, 15874), (159, 15889), (168, 15922), (173, 15943), (186, 15982), (189, 15991), (209, 16057), (210, 16063), (212, 16069), (227, 16099), (240, 16129), (244, 16153), (263, 16258), (272, 16291), (285, 16342), (289, 16360), (300, 16399), (308, 16426),

Gene: TPA2_22 Start: 14324, Stop: 15103, Start Num: 43

Candidate Starts for TPA2_22:

(24, 14264), (Start: 43 @14324 has 396 MA's), (59, 14357), (79, 14414), (171, 14711), (191, 14762), (216, 14837), (258, 14948), (276, 15002), (281, 15020), (285, 15032),

Gene: Talia1610_82 Start: 49645, Stop: 50514, Start Num: 43

Candidate Starts for Talia1610_82:

(Start: 43 @49645 has 396 MA's), (95, 49810), (257, 50329), (263, 50347),

Gene: TallGrassMM_13 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for TallGrassMM_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Tangent_19 Start: 16145, Stop: 16975, Start Num: 35

Candidate Starts for Tangent_19:

(Start: 35 @16145 has 52 MA's), (Start: 40 @16154 has 2 MA's), (87, 16259), (121, 16349), (137, 16403), (143, 16427), (161, 16490), (174, 16538), (184, 16565), (189, 16586), (191, 16595), (227, 16694), (244, 16742), (255, 16799), (263, 16823), (265, 16829), (282, 16898), (286, 16910), (290, 16928), (295, 16943),

Gene: Tangerine_21 Start: 16457, Stop: 17284, Start Num: 35

Candidate Starts for Tangerine_21:

(Start: 35 @16457 has 52 MA's), (Start: 40 @16466 has 2 MA's), (87, 16568), (Start: 93 @16595 has 7 MA's), (121, 16658), (129, 16682), (161, 16799), (174, 16847), (190, 16898), (207, 16952), (227, 17003), (234, 17021), (244, 17051), (250, 17072), (255, 17108), (265, 17138), (286, 17219), (290, 17237), (295, 17252),

Gene: Taptic_10 Start: 12673, Stop: 13449, Start Num: 49

Candidate Starts for Taptic_10:

(Start: 49 @12673 has 12 MA's), (59, 12694), (60, 12697), (66, 12715), (78, 12748), (91, 12802), (Start: 93 @12808 has 7 MA's), (102, 12841), (150, 12988), (157, 13012), (159, 13018), (189, 13102), (216, 13186), (237, 13228), (270, 13333), (273, 13339), (289, 13399),

Gene: Taraxa_13 Start: 11169, Stop: 11972, Start Num: 43

Candidate Starts for Taraxa_13:

(Start: 43 @11169 has 396 MA's), (54, 11190), (59, 11202), (63, 11214), (137, 11445), (150, 11493), (171, 11565), (190, 11610), (195, 11634), (213, 11685), (242, 11739), (258, 11796), (271, 11835),

Gene: Tardus_23 Start: 16820, Stop: 17644, Start Num: 44

Candidate Starts for Tardus_23:

(Start: 44 @16820 has 94 MA's), (Start: 77 @16892 has 6 MA's), (137, 17075), (154, 17132), (174, 17204), (183, 17225), (207, 17306), (212, 17327), (227, 17357), (236, 17378), (244, 17405), (255, 17462), (263, 17486), (265, 17492), (270, 17513), (285, 17570), (291, 17594),

Gene: Teamocil_29 Start: 15303, Stop: 16118, Start Num: 44

Candidate Starts for Teamocil_29:

(Start: 44 @15303 has 94 MA's), (88, 15405), (Start: 90 @15414 has 2 MA's), (92, 15423), (115, 15483), (172, 15681), (181, 15720), (193, 15765), (207, 15804), (209, 15813), (268, 15969), (282, 16023), (297, 16077),

Gene: Teehee_27 Start: 16624, Stop: 17358, Start Num: 51

Candidate Starts for Teehee_27:

(Start: 44 @16615 has 94 MA's), (Start: 51 @16624 has 51 MA's), (74, 16684), (102, 16777), (139, 16876), (193, 17038), (209, 17086), (216, 17107), (253, 17206),

Gene: Telesworld_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Telesworld_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Tempo_25 Start: 14894, Stop: 15631, Start Num: 51

Candidate Starts for Tempo_25:

(Start: 44 @14885 has 94 MA's), (Start: 51 @14894 has 51 MA's), (107, 15065), (163, 15221), (207, 15344), (209, 15353), (215, 15371), (243, 15443), (258, 15497), (286, 15590),

Gene: Terij_24 Start: 15272, Stop: 16039, Start Num: 77

Candidate Starts for Terij_24:

(46, 15203), (Start: 77 @15272 has 6 MA's), (136, 15452), (172, 15587), (181, 15626), (190, 15656), (207, 15710), (209, 15719), (243, 15803), (244, 15806), (258, 15839), (263, 15854), (269, 15878), (282, 15929), (289, 15956), (303, 16001), (311, 16028),

Gene: Thing3_22 Start: 17689, Stop: 18519, Start Num: 35

Candidate Starts for Thing3_22:

(Start: 35 @17689 has 52 MA's), (Start: 40 @17698 has 2 MA's), (87, 17803), (121, 17893), (137, 17947), (143, 17971), (161, 18034), (174, 18082), (184, 18109), (227, 18238), (244, 18286), (255, 18343), (263, 18367), (265, 18373), (282, 18442), (286, 18454), (290, 18472), (295, 18487),

Gene: Thonko_14 Start: 11261, Stop: 12043, Start Num: 43

Candidate Starts for Thonko_14:

(Start: 43 @11261 has 396 MA's), (54, 11273), (59, 11285), (150, 11579), (174, 11663), (195, 11732),

Gene: Thora_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Thora_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: ThreeOh3D2_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for ThreeOh3D2_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Thunderbird_12 Start: 11305, Stop: 12108, Start Num: 43

Candidate Starts for Thunderbird_12:

(Start: 43 @11305 has 396 MA's), (54, 11326), (59, 11338), (63, 11350), (112, 11512), (137, 11581), (150, 11629), (171, 11701), (190, 11746), (195, 11770), (213, 11821), (242, 11875), (258, 11932), (271, 11971),

Gene: Tiamoceli_22 Start: 16582, Stop: 17412, Start Num: 31

Candidate Starts for Tiamoceli_22:

(Start: 31 @16582 has 16 MA's), (95, 16738), (97, 16750), (132, 16828), (155, 16912), (167, 16954), (174, 16981), (207, 17083), (227, 17134), (263, 17263), (265, 17269), (270, 17290), (286, 17350),

(289, 17365),

Gene: TillyBobJoe_20 Start: 13614, Stop: 14426, Start Num: 44

Candidate Starts for TillyBobJoe_20:

(Start: 44 @13614 has 94 MA's), (80, 13695), (133, 13845), (174, 13992), (186, 14028), (225, 14142), (300, 14412),

Gene: Timmi_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Timmi_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Tinciduntolum_17 Start: 14651, Stop: 15469, Start Num: 39

Candidate Starts for Tinciduntolum_17:

(Start: 39 @14651 has 37 MA's), (Start: 90 @14795 has 2 MA's), (114, 14876), (133, 14930), (135, 14936), (152, 14996), (163, 15035), (174, 15074), (191, 15113), (228, 15209), (244, 15257), (258, 15299), (270, 15335), (289, 15401),

Gene: TinyTerror_15 Start: 13140, Stop: 13949, Start Num: 48

Candidate Starts for TinyTerror_15:

(Start: 48 @13140 has 54 MA's), (70, 13203), (Start: 90 @13266 has 2 MA's), (123, 13362), (135, 13410), (137, 13416), (150, 13464), (171, 13536), (185, 13566), (191, 13587), (210, 13647), (219, 13668), (244, 13734), (288, 13875), (289, 13878),

Gene: Tissue_26 Start: 16180, Stop: 16914, Start Num: 51

Candidate Starts for Tissue_26:

(Start: 44 @16171 has 94 MA's), (Start: 51 @16180 has 51 MA's), (74, 16240), (139, 16432), (193, 16594), (202, 16621), (209, 16642), (215, 16660), (216, 16663), (232, 16690), (233, 16693), (243, 16729), (253, 16762), (260, 16789),

Gene: Togo_20 Start: 13830, Stop: 14642, Start Num: 44

Candidate Starts for Togo_20:

(Start: 44 @13830 has 94 MA's), (80, 13911), (133, 14061), (174, 14208), (186, 14244), (225, 14358), (300, 14628),

Gene: TomBombadil_13 Start: 11605, Stop: 12402, Start Num: 43

Candidate Starts for TomBombadil_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Tomlarah_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Tomlarah_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Toni_12 Start: 11313, Stop: 12110, Start Num: 43

Candidate Starts for Toni_12:

(Start: 43 @11313 has 396 MA's), (54, 11334), (59, 11346), (63, 11358), (112, 11520), (137, 11589), (150, 11637), (171, 11709), (190, 11754), (195, 11778), (213, 11829), (242, 11883), (258, 11940), (271, 11979),

Gene: Tonitrus_31 Start: 21138, Stop: 21920, Start Num: 43

Candidate Starts for Tonitrus_31:

(29, 21117), (Start: 43 @21138 has 396 MA's), (55, 21162), (64, 21186), (Start: 90 @21267 has 2 MA's), (137, 21399), (164, 21495), (189, 21579), (193, 21597), (203, 21624), (207, 21633), (230, 21687), (238, 21708), (266, 21795), (276, 21828), (290, 21879),

Gene: TooFast2Furius_14 Start: 11837, Stop: 12640, Start Num: 43

Candidate Starts for TooFast2Furius_14:

(Start: 43 @11837 has 396 MA's), (54, 11858), (59, 11870), (63, 11882), (112, 12044), (137, 12113), (150, 12161), (171, 12233), (190, 12278), (195, 12302), (213, 12353), (242, 12407), (258, 12464), (271, 12503),

Gene: Tooj_13 Start: 11603, Stop: 12406, Start Num: 43

Candidate Starts for Tooj_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (112, 11810), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: TraderJ_14 Start: 13111, Stop: 13884, Start Num: 43

Candidate Starts for TraderJ_14:

(Start: 43 @13111 has 396 MA's), (Start: 90 @13243 has 2 MA's), (164, 13474), (189, 13540), (191, 13549), (244, 13693), (285, 13819), (288, 13834),

Gene: Tres_16 Start: 14532, Stop: 15350, Start Num: 39

Candidate Starts for Tres_16:

(Start: 39 @14532 has 37 MA's), (Start: 90 @14676 has 2 MA's), (114, 14757), (133, 14811), (135, 14817), (152, 14877), (163, 14916), (174, 14955), (191, 14994), (228, 15090), (244, 15138), (258, 15180), (270, 15216), (289, 15282),

Gene: Triad_13 Start: 11152, Stop: 11955, Start Num: 43

Candidate Starts for Triad_13:

(Start: 43 @11152 has 396 MA's), (54, 11173), (59, 11185), (63, 11197), (112, 11359), (137, 11428), (150, 11476), (171, 11548), (190, 11593), (195, 11617), (213, 11668), (242, 11722), (258, 11779), (271, 11818),

Gene: True_12 Start: 11310, Stop: 12107, Start Num: 43

Candidate Starts for True_12:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: Trypo_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for Trypo_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: TurkishDelight_18 Start: 14791, Stop: 15639, Start Num: 43

Candidate Starts for TurkishDelight_18:

(Start: 43 @14791 has 396 MA's), (52, 14803), (81, 14881), (83, 14887), (89, 14908), (Start: 90 @14914 has 2 MA's), (92, 14923), (97, 14944), (151, 15112), (157, 15133), (174, 15196), (176, 15199), (204, 15286), (250, 15421), (276, 15538), (285, 15568), (289, 15586), (296, 15607), (300, 15622), (301, 15625),

Gene: Twister6_22 Start: 14256, Stop: 15068, Start Num: 44

Candidate Starts for Twister6_22:

(Start: 44 @14256 has 94 MA's), (80, 14337), (133, 14487), (174, 14634), (186, 14670), (225, 14784), (300, 15054),

Gene: Twonlo_19 Start: 15199, Stop: 16029, Start Num: 31

Candidate Starts for Twonlo_19:

(Start: 31 @15199 has 16 MA's), (95, 15355), (97, 15367), (132, 15445), (144, 15490), (155, 15529), (167, 15571), (174, 15598), (207, 15700), (227, 15751), (263, 15880), (265, 15886), (270, 15907), (286, 15967), (289, 15982),

Gene: Tycho_21 Start: 16586, Stop: 17413, Start Num: 35

Candidate Starts for Tycho_21:

(Start: 35 @16586 has 52 MA's), (Start: 40 @16595 has 2 MA's), (87, 16697), (121, 16787), (161, 16928), (174, 16976), (190, 17027), (207, 17081), (227, 17132), (234, 17150), (244, 17180), (250, 17201), (255, 17237), (265, 17267), (286, 17348), (290, 17366), (295, 17381),

Gene: Tydolla_15 Start: 13878, Stop: 14687, Start Num: 48

Candidate Starts for Tydolla_15:

(Start: 48 @13878 has 54 MA's), (70, 13941), (Start: 90 @14004 has 2 MA's), (123, 14100), (135, 14148), (137, 14154), (150, 14202), (171, 14274), (185, 14304), (191, 14325), (210, 14385), (219, 14406), (244, 14472), (288, 14613), (289, 14616),

Gene: TyrionL_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for TyrionL_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Tyrumbra_26 Start: 14883, Stop: 15692, Start Num: 44

Candidate Starts for Tyrumbra_26:

(Start: 44 @14883 has 94 MA's), (88, 14985), (Start: 90 @14994 has 2 MA's), (92, 15003), (115, 15063), (Start: 117 @15066 has 2 MA's), (137, 15126), (172, 15261), (181, 15300), (207, 15384), (209, 15393), (268, 15549), (282, 15603), (297, 15657), (305, 15681),

Gene: UAch1_13 Start: 11602, Stop: 12405, Start Num: 43

Candidate Starts for UAch1_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: UncleHowie_13 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for UncleHowie_13:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Usavi_13 Start: 11599, Stop: 12402, Start Num: 43

Candidate Starts for Usavi_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: Vaishali24_12 Start: 11274, Stop: 12077, Start Num: 43

Candidate Starts for Vaishali24_12:

(Start: 43 @11274 has 396 MA's), (54, 11295), (59, 11307), (63, 11319), (112, 11481), (137, 11550), (150, 11598), (171, 11670), (190, 11715), (195, 11739), (213, 11790), (242, 11844), (258, 11901), (271, 11940),

Gene: Valary_23 Start: 14709, Stop: 15521, Start Num: 44

Candidate Starts for Valary_23:

(Start: 44 @14709 has 94 MA's), (80, 14790), (133, 14940), (174, 15087), (186, 15123), (225, 15237), (300, 15507),

Gene: Valjean_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Valjean_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: VanDeWege_23 Start: 14637, Stop: 15449, Start Num: 44

Candidate Starts for VanDeWege_23:

(Start: 44 @14637 has 94 MA's), (80, 14718), (133, 14868), (174, 15015), (186, 15051), (225, 15165), (300, 15435),

Gene: Vaticameos_13 Start: 11306, Stop: 12103, Start Num: 43

Candidate Starts for Vaticameos_13:

(Start: 43 @11306 has 396 MA's), (54, 11327), (59, 11339), (63, 11351), (112, 11513), (137, 11582), (150, 11630), (171, 11702), (190, 11747), (195, 11771), (213, 11822), (242, 11876), (258, 11933), (271, 11972),

Gene: Veritas_12 Start: 11149, Stop: 11946, Start Num: 43

Candidate Starts for Veritas_12:

(Start: 43 @11149 has 396 MA's), (54, 11170), (59, 11182), (63, 11194), (137, 11425), (150, 11473), (171, 11545), (190, 11590), (195, 11614), (213, 11665), (242, 11719), (258, 11776), (271, 11815),

Gene: Verity_22 Start: 17000, Stop: 17824, Start Num: 44

Candidate Starts for Verity_22:

(Start: 44 @17000 has 94 MA's), (Start: 77 @17072 has 6 MA's), (137, 17255), (146, 17282), (154, 17312), (174, 17384), (183, 17405), (207, 17486), (227, 17537), (236, 17558), (244, 17585), (255, 17642), (263, 17666), (265, 17672), (268, 17687), (270, 17693), (291, 17774), (295, 17786),

Gene: ViaConlectus_23 Start: 17552, Stop: 18376, Start Num: 44

Candidate Starts for ViaConlectus_23:

(Start: 44 @17552 has 94 MA's), (Start: 77 @17624 has 6 MA's), (96, 17690), (137, 17807), (154, 17864), (174, 17936), (183, 17957), (207, 18038), (212, 18059), (227, 18089), (236, 18110), (244, 18137), (263, 18218), (265, 18224), (270, 18245), (281, 18290), (285, 18302), (291, 18326),

Gene: Vic9_00016 Start: 14972, Stop: 15790, Start Num: 39

Candidate Starts for Vic9_00016:

(Start: 39 @14972 has 37 MA's), (Start: 90 @15116 has 2 MA's), (91, 15122), (133, 15251), (135, 15257), (152, 15317), (163, 15356), (174, 15395), (191, 15434), (228, 15530), (244, 15578), (258, 15620), (270, 15656), (289, 15722),

Gene: Viceroy_25 Start: 15389, Stop: 16123, Start Num: 51

Candidate Starts for Viceroy_25:

(Start: 44 @15380 has 94 MA's), (Start: 51 @15389 has 51 MA's), (74, 15449), (102, 15542), (139, 15641), (193, 15803), (209, 15851), (216, 15872), (253, 15971),

Gene: Vincenzo_14 Start: 14119, Stop: 14907, Start Num: 43

Candidate Starts for Vincenzo_14:

(Start: 43 @14119 has 396 MA's), (57, 14140), (59, 14143), (63, 14155), (136, 14386), (137, 14389), (156, 14458), (162, 14479), (171, 14509), (197, 14593), (213, 14641), (258, 14752), (272, 14794), (285, 14836), (298, 14884),

Gene: VioletZ_13 Start: 13349, Stop: 14143, Start Num: 43

Candidate Starts for VioletZ_13:

(Start: 43 @13349 has 396 MA's), (54, 13370), (Start: 90 @13481 has 2 MA's), (135, 13619), (150, 13673), (156, 13694), (162, 13715), (164, 13721), (191, 13808), (206, 13850), (244, 13946), (245, 13949), (258, 13988), (272, 14030), (285, 14072), (298, 14120),

Gene: Virapocalypse_13 Start: 11600, Stop: 12397, Start Num: 43

Candidate Starts for Virapocalypse_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Virgeve_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Virgeve_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Vista_13 Start: 11605, Stop: 12402, Start Num: 43

Candidate Starts for Vista_13:

(Start: 43 @11605 has 396 MA's), (54, 11626), (59, 11638), (63, 11650), (112, 11812), (137, 11881), (150, 11929), (171, 12001), (190, 12046), (195, 12070), (213, 12121), (242, 12175), (258, 12232), (271, 12271),

Gene: Vivaldi_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for Vivaldi_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: Vivi2_21 Start: 17307, Stop: 18137, Start Num: 35

Candidate Starts for Vivi2_21:

(Start: 35 @17307 has 52 MA's), (Start: 40 @17316 has 2 MA's), (87, 17421), (121, 17511), (137, 17565), (143, 17589), (161, 17652), (174, 17700), (184, 17727), (191, 17757), (227, 17856), (244, 17904), (255, 17961), (263, 17985), (265, 17991), (282, 18060), (286, 18072), (290, 18090), (295, 18105),

Gene: Vortex_13 Start: 11310, Stop: 12113, Start Num: 43

Candidate Starts for Vortex_13:

(Start: 43 @11310 has 396 MA's), (54, 11331), (59, 11343), (63, 11355), (112, 11517), (137, 11586), (150, 11634), (171, 11706), (190, 11751), (195, 11775), (213, 11826), (242, 11880), (258, 11937), (271, 11976),

Gene: WaddleDee_70 Start: 45593, Stop: 46462, Start Num: 43

Candidate Starts for WaddleDee_70:

(Start: 43 @45593 has 396 MA's), (62, 45638), (73, 45674), (144, 45926), (183, 46055), (212, 46145), (257, 46277),

Gene: Waleliano_13 Start: 13346, Stop: 14140, Start Num: 43

Candidate Starts for Waleliano_13:

(Start: 43 @13346 has 396 MA's), (54, 13367), (59, 13379), (Start: 90 @13478 has 2 MA's), (135, 13616), (150, 13670), (156, 13691), (162, 13712), (164, 13718), (171, 13742), (191, 13805), (206, 13847), (244, 13943), (258, 13985), (272, 14027), (285, 14069), (298, 14117),

Gene: Wallhey_12 Start: 11161, Stop: 11958, Start Num: 43

Candidate Starts for Wallhey_12:

(Start: 43 @11161 has 396 MA's), (54, 11182), (59, 11194), (63, 11206), (137, 11437), (150, 11485), (171, 11557), (190, 11602), (195, 11626), (213, 11677), (242, 11731), (258, 11788), (271, 11827),

Gene: Waterdiva_13 Start: 11603, Stop: 12400, Start Num: 43

Candidate Starts for Waterdiva_13:

(Start: 43 @11603 has 396 MA's), (54, 11624), (59, 11636), (63, 11648), (137, 11879), (150, 11927), (171, 11999), (190, 12044), (195, 12068), (213, 12119), (242, 12173), (258, 12230), (271, 12269),

Gene: Wayne3_27 Start: 16354, Stop: 17088, Start Num: 51

Candidate Starts for Wayne3_27:

(Start: 44 @16345 has 94 MA's), (Start: 51 @16354 has 51 MA's), (74, 16414), (102, 16507), (139, 16606), (193, 16768), (209, 16816), (216, 16837), (253, 16936),

Gene: Weher20_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for Weher20_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: West99_16 Start: 14652, Stop: 15470, Start Num: 39

Candidate Starts for West99_16:

(Start: 39 @14652 has 37 MA's), (Start: 90 @14796 has 2 MA's), (114, 14877), (133, 14931), (135, 14937), (152, 14997), (163, 15036), (174, 15075), (191, 15114), (228, 15210), (244, 15258), (258, 15300), (270, 15336), (289, 15402),

Gene: WheelerS25_31 Start: 17184, Stop: 17918, Start Num: 51

Candidate Starts for WheelerS25_31:

(Start: 44 @17175 has 94 MA's), (Start: 51 @17184 has 51 MA's), (74, 17244), (139, 17436), (193, 17598), (202, 17625), (209, 17646), (215, 17664), (216, 17667), (232, 17694), (233, 17697), (243, 17733), (253, 17766),

Gene: Wheelie_25 Start: 15705, Stop: 16439, Start Num: 51

Candidate Starts for Wheelie_25:

(Start: 44 @15696 has 94 MA's), (Start: 51 @15705 has 51 MA's), (74, 15765), (102, 15858), (139, 15957), (193, 16119), (209, 16167), (216, 16188), (253, 16287),

Gene: Wilca_25 Start: 14837, Stop: 15583, Start Num: 51

Candidate Starts for Wilca_25:

(Start: 44 @14828 has 94 MA's), (Start: 51 @14837 has 51 MA's), (163, 15164), (207, 15287), (209, 15296), (241, 15371), (243, 15386), (283, 15524), (286, 15533), (296, 15569),

Gene: Windsor_12 Start: 11263, Stop: 12066, Start Num: 43

Candidate Starts for Windsor_12:

(Start: 43 @11263 has 396 MA's), (54, 11284), (59, 11296), (63, 11308), (112, 11470), (137, 11539), (150, 11587), (171, 11659), (190, 11704), (195, 11728), (213, 11779), (242, 11833), (258, 11890), (271, 11929),

Gene: Wizard_20 Start: 13964, Stop: 14776, Start Num: 44

Candidate Starts for Wizard_20:

(Start: 44 @13964 has 94 MA's), (80, 14045), (133, 14195), (174, 14342), (186, 14378), (225, 14492), (300, 14762),

Gene: Wooper_14 Start: 13117, Stop: 13890, Start Num: 43

Candidate Starts for Wooper_14:

(Start: 43 @13117 has 396 MA's), (Start: 90 @13249 has 2 MA's), (164, 13480), (189, 13546), (191, 13555), (244, 13699), (285, 13825), (288, 13840),

Gene: Xavier_12 Start: 11309, Stop: 12112, Start Num: 43

Candidate Starts for Xavier_12:

(Start: 43 @11309 has 396 MA's), (54, 11330), (59, 11342), (63, 11354), (112, 11516), (137, 11585), (150, 11633), (171, 11705), (190, 11750), (195, 11774), (213, 11825), (242, 11879), (258, 11936), (271, 11975),

Gene: Xincheng_13 Start: 13170, Stop: 13964, Start Num: 43

Candidate Starts for Xincheng_13:

(Start: 43 @13170 has 396 MA's), (54, 13191), (59, 13203), (Start: 77 @13257 has 6 MA's), (Start: 90 @13302 has 2 MA's), (135, 13440), (150, 13494), (156, 13515), (162, 13536), (164, 13542), (171, 13566), (191, 13629), (206, 13671), (244, 13767), (245, 13770), (258, 13809), (272, 13851), (285, 13893), (298, 13941),

Gene: Xkcd426_15 Start: 16526, Stop: 17386, Start Num: 43

Candidate Starts for Xkcd426_15:

(Start: 43 @16526 has 396 MA's), (52, 16541), (101, 16688), (119, 16718), (146, 16811), (154, 16841), (168, 16889), (191, 16967), (220, 17054), (227, 17066), (259, 17210), (263, 17222), (271, 17252), (280, 17288),

Gene: YDN12_15 Start: 15481, Stop: 16377, Start Num: 43

Candidate Starts for YDN12_15:

(Start: 43 @15481 has 396 MA's), (75, 15559), (85, 15583), (91, 15607), (113, 15679), (135, 15742), (159, 15826), (168, 15859), (173, 15880), (186, 15919), (189, 15928), (210, 16000), (227, 16036), (240, 16066), (244, 16090), (272, 16228), (279, 16258), (280, 16261), (285, 16279), (289, 16297), (300, 16336), (308, 16363),

Gene: Yago84_12 Start: 11977, Stop: 12759, Start Num: 43

Candidate Starts for Yago84_12:

(Start: 43 @11977 has 396 MA's), (59, 12016), (78, 12070), (152, 12310), (159, 12334), (207, 12472), (212, 12493), (249, 12589), (257, 12610), (263, 12628), (272, 12655), (295, 12736),

Gene: Yahalom_15 Start: 13152, Stop: 13961, Start Num: 48

Candidate Starts for Yahalom_15:

(Start: 48 @13152 has 54 MA's), (70, 13215), (Start: 90 @13278 has 2 MA's), (123, 13374), (135, 13422), (137, 13428), (150, 13476), (171, 13548), (185, 13578), (191, 13599), (210, 13659), (219, 13680), (244, 13746), (288, 13887), (289, 13890),

Gene: Yeshua_14 Start: 13124, Stop: 13897, Start Num: 43

Candidate Starts for Yeshua_14:

(Start: 43 @13124 has 396 MA's), (Start: 90 @13256 has 2 MA's), (164, 13487), (189, 13553), (191, 13562), (237, 13676), (244, 13706), (283, 13826), (288, 13847),

Gene: Yeti_28 Start: 15679, Stop: 16509, Start Num: 44

Candidate Starts for Yeti_28:

(Start: 44 @15679 has 94 MA's), (Start: 90 @15790 has 2 MA's), (Start: 117 @15862 has 2 MA's), (137, 15922), (174, 16072), (184, 16099), (190, 16123), (193, 16138), (207, 16177), (209, 16186), (212, 16198), (282, 16420), (297, 16474),

Gene: Yinz_15 Start: 13179, Stop: 13988, Start Num: 48

Candidate Starts for Yinz_15:

(Start: 48 @13179 has 54 MA's), (70, 13242), (Start: 90 @13305 has 2 MA's), (123, 13401), (135, 13449), (137, 13455), (150, 13503), (171, 13575), (185, 13605), (186, 13608), (191, 13626), (210, 13686), (219, 13707), (244, 13773), (288, 13914), (289, 13917),

Gene: YorkOnyx_22 Start: 16855, Stop: 17682, Start Num: 35

Candidate Starts for YorkOnyx_22:

(Start: 35 @16855 has 52 MA's), (Start: 40 @16864 has 2 MA's), (87, 16966), (121, 17056), (161, 17197), (174, 17245), (190, 17296), (207, 17350), (227, 17401), (234, 17419), (244, 17449), (250, 17470), (255, 17506), (265, 17536), (286, 17617), (290, 17635), (295, 17650),

Gene: Yoshand_13 Start: 11600, Stop: 12403, Start Num: 43

Candidate Starts for Yoshand_13:

(Start: 43 @11600 has 396 MA's), (54, 11621), (59, 11633), (63, 11645), (112, 11807), (137, 11876), (150, 11924), (171, 11996), (190, 12041), (195, 12065), (213, 12116), (242, 12170), (258, 12227), (271, 12266),

Gene: YouGoGlencoco_13 Start: 11599, Stop: 12396, Start Num: 43

Candidate Starts for YouGoGlencoco_13:

(Start: 43 @11599 has 396 MA's), (54, 11620), (59, 11632), (63, 11644), (112, 11806), (137, 11875), (150, 11923), (171, 11995), (190, 12040), (195, 12064), (213, 12115), (242, 12169), (258, 12226), (271, 12265),

Gene: YungMoney_22 Start: 15274, Stop: 16086, Start Num: 44

Candidate Starts for YungMoney_22:

(Start: 44 @15274 has 94 MA's), (80, 15355), (133, 15505), (167, 15625), (174, 15652), (225, 15802), (245, 15856), (263, 15934), (300, 16072),

Gene: Zagie_26 Start: 15893, Stop: 16627, Start Num: 51

Candidate Starts for Zagie_26:

(Start: 44 @15884 has 94 MA's), (Start: 51 @15893 has 51 MA's), (74, 15953), (102, 16046), (139, 16145), (193, 16307), (209, 16355), (216, 16376), (253, 16475), (260, 16502),

Gene: Zaider_14 Start: 11832, Stop: 12629, Start Num: 43

Candidate Starts for Zaider_14:

(Start: 43 @11832 has 396 MA's), (54, 11853), (59, 11865), (63, 11877), (112, 12039), (137, 12108), (150, 12156), (171, 12228), (190, 12273), (195, 12297), (213, 12348), (242, 12402), (258, 12459), (271, 12498),

Gene: Zelda_13 Start: 11602, Stop: 12399, Start Num: 43

Candidate Starts for Zelda_13:

(Start: 43 @11602 has 396 MA's), (54, 11623), (59, 11635), (63, 11647), (112, 11809), (137, 11878), (150, 11926), (171, 11998), (190, 12043), (195, 12067), (213, 12118), (242, 12172), (258, 12229), (271, 12268),

Gene: Zemanar_14 Start: 13346, Stop: 14140, Start Num: 43

Candidate Starts for Zemanar_14:

(Start: 43 @13346 has 396 MA's), (54, 13367), (59, 13379), (Start: 90 @13478 has 2 MA's), (135, 13616), (150, 13670), (156, 13691), (162, 13712), (164, 13718), (171, 13742), (191, 13805), (206, 13847), (244, 13943), (258, 13985), (272, 14027), (285, 14069), (298, 14117),

Gene: Zenteno07_18 Start: 12750, Stop: 13520, Start Num: 48

Candidate Starts for Zenteno07_18:

(Start: 48 @12750 has 54 MA's), (54, 12762), (Start: 90 @12870 has 2 MA's), (91, 12876), (112, 12948), (136, 13014), (191, 13191), (258, 13371), (272, 13413), (285, 13455), (298, 13503),

Gene: Zhafia_28 Start: 16216, Stop: 16950, Start Num: 51

Candidate Starts for Zhafia_28:

(Start: 44 @16207 has 94 MA's), (Start: 51 @16216 has 51 MA's), (74, 16276), (102, 16369), (139, 16468), (193, 16630), (209, 16678), (216, 16699), (253, 16798),

Gene: Zipp_22 Start: 17649, Stop: 18473, Start Num: 44

Candidate Starts for Zipp_22:

(Start: 44 @17649 has 94 MA's), (Start: 77 @17721 has 6 MA's), (137, 17904), (146, 17931), (154, 17961), (174, 18033), (183, 18054), (207, 18135), (227, 18186), (236, 18207), (244, 18234), (255, 18291), (263, 18315), (265, 18321), (268, 18336), (270, 18342), (291, 18423), (295, 18435),

Gene: Zitch_24 Start: 16782, Stop: 17606, Start Num: 44

Candidate Starts for Zitch_24:

(37, 16773), (Start: 44 @16782 has 94 MA's), (Start: 77 @16854 has 6 MA's), (96, 16920), (137, 17037), (154, 17094), (174, 17166), (183, 17187), (207, 17268), (212, 17289), (227, 17319), (236, 17340), (244, 17367), (263, 17448), (265, 17454), (270, 17475), (291, 17556),

Gene: Zonia_13 Start: 11616, Stop: 12413, Start Num: 43

Candidate Starts for Zonia_13:

(Start: 43 @11616 has 396 MA's), (54, 11637), (59, 11649), (63, 11661), (137, 11892), (150, 11940), (171, 12012), (190, 12057), (195, 12081), (213, 12132), (242, 12186), (258, 12243), (271, 12282),

Gene: Zooman_74 Start: 44530, Stop: 45405, Start Num: 43

Candidate Starts for Zooman_74:

(Start: 43 @44530 has 396 MA's), (68, 44593), (73, 44605), (209, 45067),

Gene: phiAsp2_15 Start: 10148, Stop: 10969, Start Num: 53

Candidate Starts for phiAsp2_15:

(Start: 49 @10142 has 12 MA's), (53, 10148), (103, 10304), (108, 10319), (134, 10379), (137, 10388), (189, 10565), (198, 10601), (200, 10604), (216, 10652), (232, 10679), (284, 10883), (285, 10886),