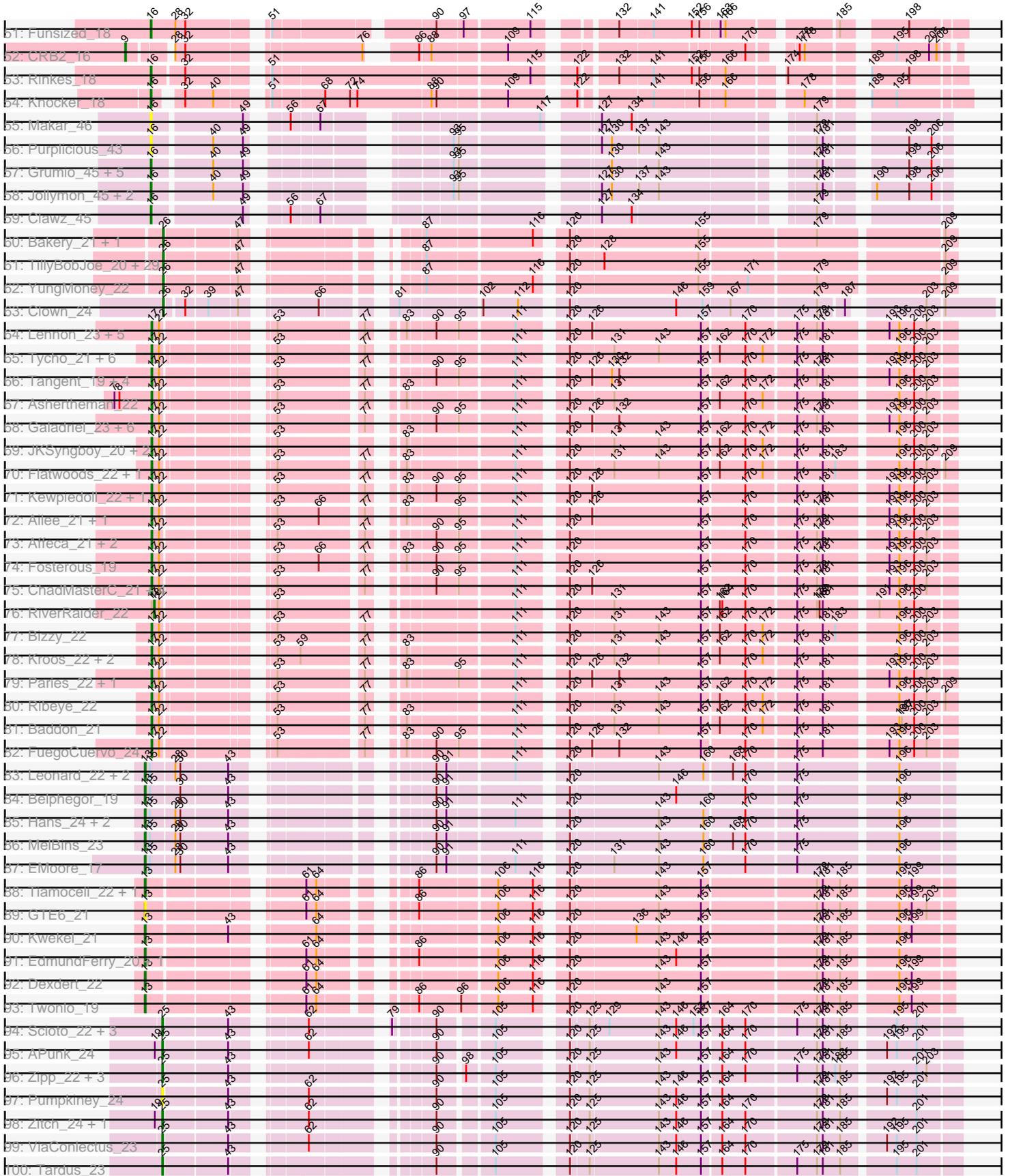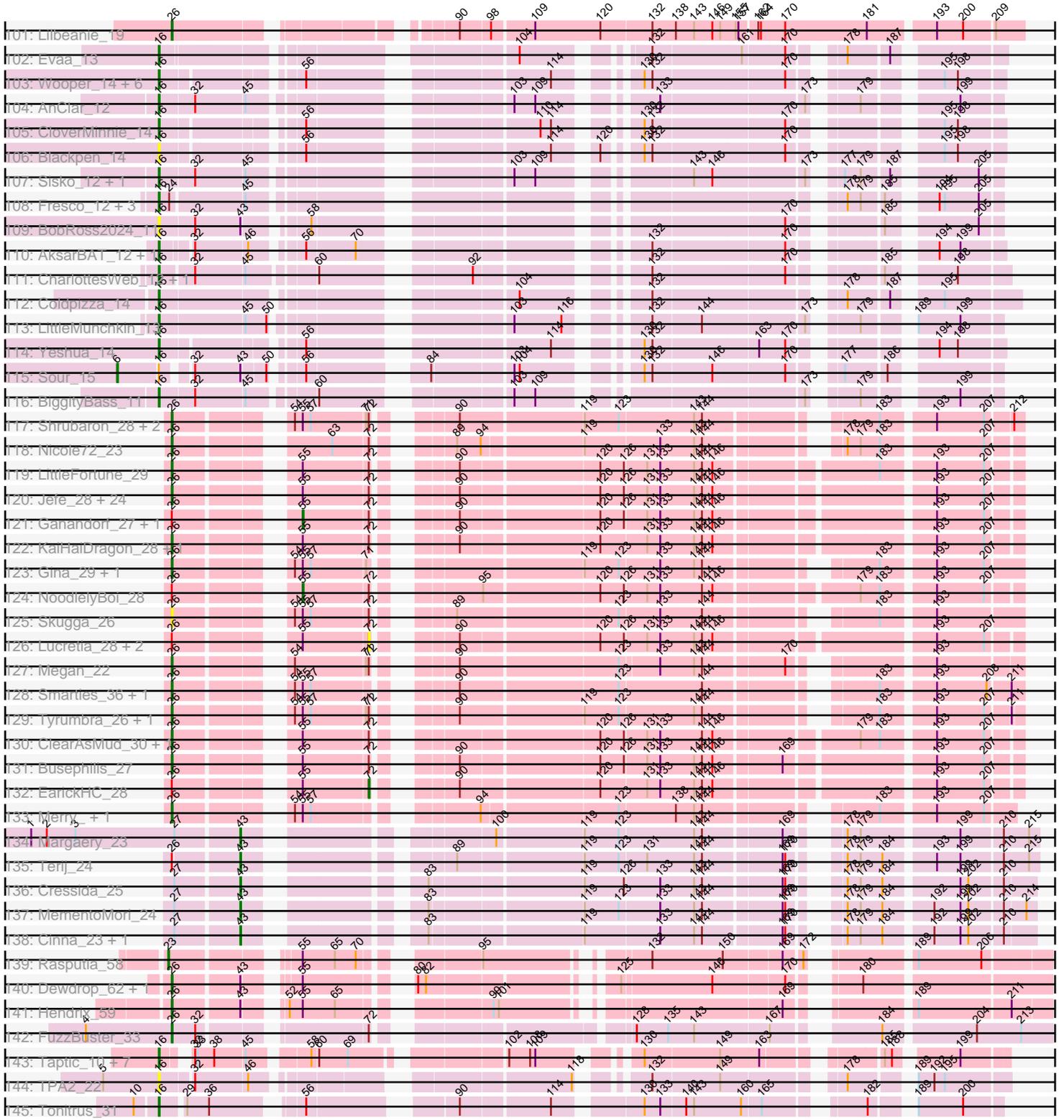# Pham 290673

Pham 290673

Pham 290673

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 290673 Report

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

Pham number 290673 has 724 members, 96 are drafts.

Phages represented in each track:
• Track 1 : Sejanus_11
• Track 2 : Mao1_10, Dori_11, Mask_11
• Track 3 : Causa_20, StAugustine_18
• Track 4 : Puhltonio_13, Soto_13, HSavage_13, TallGrassMM_13, HenryJackson_12, Sheila_13, Gyarad_0013, Cornobble_12, Slatt_13, Fringe_13, Numberten_13, Vaishali24_12, Carthage_12, Phamished_13, Doddsville_13, OliverWalter_13, Dione_12, Mesmerelda_12, OSmaximus_13, Yoshand_13, Etaye_13, Virgeve_12, Toni_12, Vivaldi_13, Zaider_14, Simielle_12, Plmatters_13, Newman_13, Khan1_13, Karn_12, Nacho_0013, 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, Kikipoo_13, Grand2040_12, DonSanchon_12, PhatLouie_13, FugateOSU_12, Jesabah_13, Solosis_12, Mutante_12, Aonishiki_13, Keitherie_13, Crownjwl_13, Maru_12, Aelin_12, Serendipity_13, Inchworm_13, Placalicious_12, Dati_13, Flake_14, Haimas_13, DirtJuice_13, Badfish_13, Oline_12, Jiraiya_12, Riverton_12, Orwigg_12, Jillium_12, Altwerkus_12, Nicole21_13, Chorkpop_13, Hetaeria_13, Virapocalypse_13, Burr_12, Selr12_13, MrPhizzler_13, DaddyDaniels_13, Chipette_14, UncleHowie_13, Valjean_13, Pipsqueak_13, Pherdinand_13, Childish_12, MiniBoss_13, Soile_13, Ricotta_12, Mulan_12, Prickles_13, Duggie_12, HogWash_12, FluffyNinja_13, Schueller_12, Gophee_13, Gwilliam_13, Horchata_13, Mana_12, Magic8_13, Morgushi_13, Timmi_12, KLucky39_13, 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, AbsoluteMadLad_12, Fang_13, Happabalu_13, TomBombadil_13, Quisquiliae_13, Phipps_13, Craff_13, Kwadwo_12, Lulwa_13, Manad_12, PhrodoBaggins_12, OneBrain_13, Gareth_12, Kwksand96_12, Dice_12, JDog_12, GreenChile_13, Robyn_12, FriarPreacher_13, Cannibal_13, Bluephacebaby_12, Scoot17C_13, Lasso_13, LostAndPhound_12, Lopsy_12, Schadenfreude_12, Katniss_13, Tooj_13, Haleema_12, Freya_12, ProfessorX_13, Pacifista_12, Melc17_13, Chaelin_12, AltPhacts_13, Orion_13, Beaglebox_12, Xavier_12, SassyCat97_12, Emiris_13, Charles1_13, PG1_13, Vortex_13, Cobra_13, Megatron_13, Iridessa_13, QueenBeane_13, Telesworld_12, Omniscient_13, LeeLot_13, Podrick_13, Giraffe_13, Murdoc_13, DolOn_14, KingTut_12, IsaacEli_13, Vaticameos_13, ElvisPhasley_13, Chuni_12, Brilliant_13, RedRaider89_13, Potter_12, Pops_13, Chunky_13, Held_13, Iridoclysis_13, FremontTroll_13, Kimbrough_13,

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, Adriana_13, MRabcd_12, Thora_13, HighStump_12, LasagnaCat_13, Frankicide_13, Cosmolli16_12, 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_13, Skippy_13, Kahve_12, Usavi_13, Swiphy_13, LeiMonet_13, Weher20_13, Squiggle_13, YouGoGlencoco_13, Surely_13, Megamind20_13, Mcshane_12, Kloppinator_13, Lehmann_13, Nathan_13, PhatCats2014_13
• Track 5 : Phergie_12, Struggle_12, JacAttac_13, Orfeu_12, Andre_13, Hocus_12, Hartsy_13, ABU_13, PhenghisKhan_12, ImtiyazSitla_12, Roy17_13, Maskar_12, BlacksBerry_12, Labeouficaum_12, CharlieGBrown_12, BatteryCK_12, Swish_13, Gwennie1_13, DuchessDung_12, Pinkman_12, Phleuron_12, Derpp_12, MichaelPhcott_12, Kailash_13, PallasAthena_13, TyrionL_12, True_12, Sigman_13, MelsMeow_12, Wallhey_12, PhrankReynolds_12, Waterdiva_13, Chute_12, Mag7_12, Ashraf_12, Scrick_12, Lulumae_12, BoogieWoogie_12, AngelCake_13, Longacauda_12, Olive_13, Lumine_12, Zonia_13, Caspiboi_12, Veritas_12, Coletti_13, Phunky_13, ShiVal_13
• Track 6 : Imvubu_10
• Track 7 : Indlovu_13
• Track 8 : LilMcDreamy_14
• Track 9 : Zenteno07_18
• Track 10 : BirdsNest_18
• Track 11 : Hashim76_18
• Track 12 : LittleMinkey_19
• Track 13 : Arbiter_16, Kheth_16, Ares_16, Eaglehorse_16, ItsyBitsy1_16, Lephleur_16, Calamitous_16, Blocker23_16, Allegro_16, Phantasmagoria_16, TA17A_16, Rhinoforte_16, Faze9_16, Boyle_16, Lars_16, Kaleb_16, Tres_16, Brownie5_16, Rosebush_16, LilSmirk_16, Tinciduntsolum_17, West99_16, Qyrzula_15, Kolhan_16, Sabella_16, MasterPo_16, Bananafish_16, Opia_16, Hedgerow_16
• Track 14 : LizLemon_16, Laurie_16, Vic9_00016, PrinceCharming_16, Glass_16
• Track 15 : FrenchFry_16
• Track 16 : Godines_16, Holeinone_16, Coffee_16
• Track 17 : Jackstina_14, Yinz_15, Pipefish_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
• Track 18 : Gervas_15, SynergyX_15, GlenHope_16, RagingRooster_15, Chentzyk_14, Audrey_15, Bernardo_15, Casbah_14, Ben11_14, Neos5_15, Abinghost_15, Gadjet_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, Devonte_15, Obutu_15, MmasiCarm_15, Phayeta_15, Phaedrus_14
• Track 19 : BobbyK_13, Frederick_13
• Track 20 : Austelle_14, RawrgerThat_13, Hydro_13, JoyceMaria_13, Mithril_13, Lolalove_13, Hangman_13, Zemanar_14, Waleliano_13, BrownCNA_14
• Track 21 : Xincheng_13

- Track 22 : Hally898_12, Nanao_12, GinPorsche_12, Lambano_12, Epah_12, Poster_12, Antihero_12, Ahwei_12
- Track 23 : JaguarMi_14
- Track 24 : Nigel_11, JAMaL_13
- Track 25 : Fortunato_13, Apex_13, Magpie_13, VioletZ_13
- Track 26 : ChrisnMich_12
- Track 27 : AlanGrant_14, Vincenzo_14
- Track 28 : Cooper_13
- Track 29 : Mudslide_13, Prince_13
- Track 30 : Heath_13
- Track 31 : Renkei_12, LittleDigger_12
- Track 32 : Stinger_11
- Track 33 : Fanaw_13
- Track 34 : QueenPie_13
- Track 35 : DigitDog_14, Shenyu_14, Nangang_14
- Track 36 : KarasumaRum_15, StinkyVeggy_15
- Track 37 : Rich_14, Baee_14
- Track 38 : Donny_14, Suigeneris_14, Acadian_14, SirJeffery_14
- Track 39 : Nehemiah_13, Reprobate_14, Phelemich_14, Mysterious_14
- Track 40 : Reccee_15
- Track 41 : Serendipitous_14
- Track 42 : Rita130_14
- Track 43 : EastView9101_14
- Track 44 : 39HC_011, 40BC_011, Hosp_09
- Track 45 : KayaCho_11
- Track 46 : ForDig_11, Jolie1_011
- Track 47 : Saguaro_15
- Track 48 : Thonko_14
- Track 49 : PenguinLover67_16
- Track 50 : Quesadilla_15
- Track 51 : Funsized_18
- Track 52 : CRB2_16
- Track 53 : Rinkes_18
- Track 54 : Knocker_18
- Track 55 : Makar_46
- Track 56 : Purplicious_43
- Track 57 : Grumio_45, Stillion_45, Sting_44, KingstonB_46, DonTron_45, Soos_41
- Track 58 : Jollymon_45, ColdSoup_46, Amo99_46
- Track 59 : Clawz_45
- Track 60 : Bakery_21, Halo3_21
- Track 61 : TillyBobJoe_20, Mutzi_22, Egi03_20, ClamChowder_22, Evamon_20, Gezellig_20, KimmyK_22, PinkCoffee_22, Fugax_22, Jambalaya_20, Salvador_20, Arri_23, VanDeWege_23, Valary_23, Togo_20, Danyall_22, CherryCola_24, Twister6_22, Phlop_20, Savbucketdawg_20, Wizard_20, Barb_22, RogerDodger_23, Portcullis_20, PullumCavea_20, CoveyB_22, Nubi_20, Shinji_20, Fireball_21, SmokingBunny_20
- Track 62 : YungMoney_22
- Track 63 : Clown_24
- Track 64 : Lennon_23, Bibwit_22, Barsten_22, Stultus_21, Sedona_23, Sitar_23
- Track 65 : Tycho_21, Gaea_21, Baumdotcom_21, Gustavo_21, Kwobi_23, Saronaya_21, YorkOnyx_22
- Track 66 : Tangent_19, Charming_19, Shivanishola_21, McCrothy_22, BobBob_19
- Track 67 : Ashertheman_22

- Track 68 : Galadriel_23, MoontowerMania_20, McKinley_22, Rofo_21, Love_23, Vivi2_21, Nordenberg_16
- Track 69 : JKSyngboy_20, SchottB_20, LilHam_19
- Track 70 : Flatwoods_22, Derg_17
- Track 71 : Kewpiedoll_22, Geodirt_20
- Track 72 : Ailee_21, Keitabear_23
- Track 73 : Affeca_21, Fitzgerald_19, Angelicage_21
- Track 74 : Fosterous_19
- Track 75 : ChadMasterC_21, Sanjuju_19, Jabberwocky_19, Kamashten_22, Thing3_22
- Track 76 : RiverRaider_22
- Track 77 : Bizzy_22
- Track 78 : Kroos_22, Tangerine_21, StorminNorm_21
- Track 79 : Paries_22, Brandonk123_23
- Track 80 : Ribeye_22
- Track 81 : Baddon_21
- Track 82 : FuegoCuervo_24
- Track 83 : Leonard_22, Ali17_20, Phinally_22
- Track 84 : Belphegor_19
- Track 85 : Hans_24, Phauci_15, Inspectinfecti_23
- Track 86 : MelBins_23
- Track 87 : EMoore_17
- Track 88 : Tiamoceli_22, Chickadee_21
- Track 89 : GTE6_21
- Track 90 : Kwekel_21
- Track 91 : EdmundFerry_20, RoadKill_19
- Track 92 : Dexdert_22
- Track 93 : Twonlo_19
- Track 94 : Scioto_22, Natkenzie_22, Sampson_22, Abblin_22
- Track 95 : APunk_24
- Track 96 : Zipp_22, Delrey21_22, DoctorFroggo_22, Verity_22
- Track 97 : Pumpkiney_24
- Track 98 : Zitch_24, BigHunkinEater_24
- Track 99 : ViaConlectus_23
- Track 100 : Tardus_23
- Track 101 : Lilbeanie_19
- Track 102 : Evaa_13
- Track 103 : Wooper_14, TraderJ_14, CaiB_14, MakoManhole_14, FelixTres_14, MossRose_14, AnarQue_14
- Track 104 : AnClar_12
- Track 105 : CloverMinnie_14
- Track 106 : Blackpen_14
- Track 107 : Sisko_12, Yago84_12
- Track 108 : Fresco_12, Ligma_12, Axumite_12, Shatter_12
- Track 109 : BobRoss2024_11
- Track 110 : AksarBAT_12, NHagos_12
- Track 111 : CharlottesWeb_12, Mariokart_12
- Track 112 : Coldpizza_14
- Track 113 : LittleMunchkin_13
- Track 114 : Yeshua_14
- Track 115 : Sour_15
- Track 116 : BiggityBass_11
- Track 117 : Shrubaron_28, RobsFeet_29, Metamorphoo_28

• Track 118 : Nicole72_23
• Track 119 : LittleFortune_29
• Track 120 : Jefe_28, Yeti_28, Onika_27, Phrancesco_28, Selwyn23_29, BrazzalePHS_27, Kowalski_27, Cranjis_29, Jollipop_28, Pulchra_29, Glorp_29, Shotgun_27, Paschalis_27, Rockwell_27, Hermeonysus_27, Ramiel05_27, Piperis_28, Honeyfin_29, Quhwah_31, PiperSansNom_28, Savannah_27, Antares_28, Scumberland_29, CrazyRich_27, Phorgeous_27
• Track 121 : Ganandorf_27, PierreOrion_28
• Track 122 : KaiHaiDragon_28, Crisis_29
• Track 123 : Gina_29, Teamocil_29
• Track 124 : NoodlelyBoi_28
• Track 125 : Skugga_26
• Track 126 : Lucretia_28, BeagleBug_27, PhedwardCullen_26
• Track 127 : Megan_22
• Track 128 : Smarties_36, Ariadne_36
• Track 129 : Tyrumbra_26, Fireman_28
• Track 130 : ClearAsMud_30, SirFrank_27
• Track 131 : Busephilis_27
• Track 132 : EarickHC_28
• Track 133 : Merry_, Sunny_
• Track 134 : Margaery_23
• Track 135 : Terij_24
• Track 136 : Cressida_25
• Track 137 : MementoMori_24
• Track 138 : Cinna_23, Matzah_24
• Track 139 : Rasputia_58
• Track 140 : Dewdrop_62, Leaf_62
• Track 141 : Hendrix_59
• Track 142 : FuzzBuster_33
• Track 143 : Taptic_10, Argie_11, D12_10, PR_10, Megabear_10, Jeon_10, Cepens_10, GodPhather_11
• Track 144 : TPA2_22
• Track 145 : Tonitrus_31

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

The start number called the most often in the published annotations is 16, it was called in 364 of the 628 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• 39HC_011, 40BC_011, ABU_13, AbsoluteMadLad_12, 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, Argie_11, Ashraf_12, Austelle_14, Axumite_12, Badfish_13, Baee_14, Banjo_12, Basato_14, BatteryCK_12, Beaglebox_12, BiggityBass_11, Bishoperium_12, BlackStallion_13, Blackpen_14, BlacksBerry_12, BlueHusk_13, Bluephacebaby_12, BobRoss2024_11, BobbyK_13, Boehler_13, BoogieWoogie_12, Brilliant_13, BrownCNA_14, Buckeye_13, Burr_12, CaiB_14, CamL_13, CampRoach_13, Cannibal_13, Carthage_12, Caspiboi_12, Causa_20, Cepens_10, Chaelin_12,

Chah_13, Charles1_13, CharlieGBrown_12, CharlottesWeb_12, CheetO_13, Cher_12, Childish_12, 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, D12_10, DaddyDaniels_13, Daffy_13, Daka_13, Dati_13, DelRivs_12, Derpp_12, Dice_12, DigitDog_14, Dingo_13, Dione_12, DirtJuice_13, Doddsville_13, DoesntMatter_13, DolOn_14, DonSanchon_12, DonTron_45, Donny_14, Dori_11, DuchessDung_12, Duggie_12, Durga_13, EastView9101_14, ElvisPhasley_13, Emiris_13, EmpTee_13, Epah_12, Eremos_13, Etaye_13, Eugenia_13, Evaa_13, Fanaw_13, Fang_13, FelixTres_14, Flake_14, FleetyMac_12, FluffyNinja_13, ForDig_11, Fortunato_13, Fozzie_12, Frankicide_13, Frederick_13, FremontTroll_13, Fresco_12, Freya_12, FriarPreacher_13, Fringe_13, FugateOSU_12, Funsized_18, Gareth_12, GeneCoco_13, GinPorsche_12, Giraffe_13, GodPhather_11, 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, Jeon_10, Jesabah_13, Jillium_12, Jiminy_12, Jiraiya_12, Jolie1_011, Jollymon_45, JoyceMaria_13, KLucky39_13, 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_46, KlimbOn_13, Kloppinator_13, Knocker_18, Kwadwo_12, Kwksand96_12, Labeouficaum_12, Lambano_12, Larson_14, LasagnaCat_13, Lasso_13, LeeLot_13, Lego3393_13, Legolas_12, Lehmann_13, LeiMonet_13, LemonSlice_13, 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, Makar_46, MakoManhole_14, Mana_12, Manad_12, Mao1_10, Mariokart_12, Maru_12, Mask_11, Maskar_12, Matalotodo_13, Mcshane_12, Mecca_12, Megabear_10, Megamind20_13, Megatron_13, Melc17_13, MelsMeow_12, Mesh1_13, Mesmerelda_12, MichaelPhcott_12, Mikota_13, MiniBoss_13, 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, Nicole21_13, Nigel_11, 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, PR_10, Pacifista_12, PallasAthena_13, Phamished_13, Phareon_13, PhatCats2014_13, PhatLouie_13, Phelemich_14, PhenghisKhan_12, Pherdinand_13, Phergie_12, Phipps_13, Phleuron_12, PhrankReynolds_12, PhrodoBaggins_12, Phunky_13, Piglet_0012, PinheadLarry_13, Pinkman_12, Pipsqueak_13, Placalicious_12, Plata_13, Plmatters_13, Podrick_13, Pops_13, Poster_12, Potter_12, Prickles_13, Prince_13, ProfessorX_13, Puhltonio_13, Purplicious_43, QueenBeane_13, QueenPie_13, Quisquiliae_13, RawrgerThat_13, Reccee_15, RedMaple_12, RedRaider89_13, Renkei_12, Reprobate_14, Rich_14, Ricotta_12, Riggan_13, Rimu_13, Rinkes_18, Rita130_14, Riverton_12, Robyn_12, Roliet_13, Roscoe_14, Roy17_13, SDcharge11_13, SallyH_13, Samaymay_13, SassyCat97_12, Schadenfreude_12, Schueller_12, Scoot17C_13, Scrick_12, Sejanus_11, 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, Stillion_45, Sting_44, Stinger_11, StinkyVeggy_15, Struggle_12, Suffolk_13, Suigeneris_14, Surely_13, Swiphy_13, Swish_13, TPA2_22, TallGrassMM_13, Taptic_10, 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, 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, Waleliano_13, Wallhey_12, Waterdiva_13, Weher20_13, Windsor_12, Wooper_14, Xavier_12, Xincheng_13, Yago84_12, Yeshua_14, Yoshand_13, YouGoGlencoco_13, Zaider_14, Zelda_13, Zemanar_14, Zonia_13,

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, Angelicage_21, Antares_28, Arbiter_16, Ares_16, Ariadne_36, Arri_23, Ashertheman_22, Athena_16, Audrey_15, 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_24, BirdsNest_18, Bizzy_22, Blocker23_16, BobBob_19, Boyle_16, Brandonk123_23, BrazzalePHS_27, Briakila_15, Brownie5_16, Busephilis_27, CRB2_16, Calamitous_16, Casbah_14, ChaChing_15, ChadMasterC_21, Chalmers_15, Chandler_15, Charming_19, Chentzyk_14, CherryCola_24, 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, Daisy_15, Danyall_22, Deenasa_15, Delrey21_22, Derg_17, Devonte_15, Dewdrop_62, Dexdert_22, DoctorFroggo_22, EMoore_17, Eaglehorse_16, EarickHC_28, EdmundFerry_20, Egi03_20, Evamon_20, Faze9_16, Fireball_21, Fireman_28, Fitzgerald_19, Flatwoods_22, Fosterous_19, FrenchFry_16, FuegoCuervo_24, Fugax_22, FuzzBuster_33, GTE6_21, Gadjet_16, Gaea_21, Galadriel_23, Ganandorf_27, Geodirt_20, Gervas_15, Gezellig_20, Gina_29, Glass_16, GlenHope_16, Glorp_29, Glubnar_15, Godines_16, Gustavo_21, Halfpint_14, Halo3_21, Hans_24, HarveySr_15, Hashim76_18, Heathcliff_15, Hedgerow_16, Hendrix_59, Hermeonysus_27, Holeinone_16, Honeyfin_29, Indlovu_13, Inspectinfecti_23, ItsyBitsy1_16, JKSyngboy_20, Jabberwocky_19, Jackstina_14, Jambalaya_20, Jefe_28, Jollipop_28, KaiHaiDragon_28, Kaleb_16, Kamashten_22, Kamiyu_15, Keitabear_23, Kewpiedoll_22, Kheth_16, KimmyK_22, Kolhan_16, Kowalski_27, Kronus_14, Kroos_22, Kwekel_21, Kwobi_23, 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, Love_23, Lucretia_28, Margaery_23, Marley1013_15, Marlia_15, MasterPo_16, Matzah_24, McCrothy_22, McKinley_22, Megan_22, MelBins_23, MementoMori_24, Merry_, Metamorphoo_28, MmasiCarm_15, MoontowerMania_20, Mortcellus_14, Morty007_15, Mulaychimus_15, Mutzi_22, Natkenzie_22, Neos5_15, Nicole72_23, NoodlelyBoi_28, Nordenberg_16, Nozo_15, Nubi_20, Obutu_15, Olivio_14, Onika_27, Opia_16, OrangeOswald_15, Paries_22, Paschalis_27, PenguinLover67_16, Phaedrus_14, Phantasmagoria_16, Phauci_15, Phayeta_15, PhedwardCullen_26, Philly_14, Phinally_22, 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, Quesadilla_15, Quhwah_31, Qyrzula_15, RagingRooster_15, Ramiel05_27, Rasputia_58, Rhinoforte_16, Ribeye_22, Rita1961_15, RiverRaider_22, RoadKill_19, RobsFeet_29, Rockwell_27, Rofo_21, RogerDodger_23, RomaT_15, Rosebush_16, Sabella_16, Saguaro_15, Salvador_20, Sampson_22, Sanjuju_19, Saronaya_21, Savannah_27, Savbucketdawg_20, SchottB_20, Scioto_22, Scumberland_29, Sedona_23, Selwyn23_29, Shenandoah_15, Shinji_20, Shivanishola_21, Shotgun_27, Shrubaron_28, SirFrank_27, Sitar_23, Skugga_26, SlippinJimmy_15, Smarties_36, SmokingBunny_20, StorminNorm_21, Stultus_21, Sunny_, SwainyDoc_15, SynergyX_15, TA17A_16, Tangent_19, Tangerine_21, Tardus_23, Teamocil_29, Terij_24, Thing3_22, Tiamoceli_22, TillyBobJoe_20, Tinciduntsolum_17, TinyTerror_15, Togo_20, Tres_16, Twister6_22, Twonlo_19, Tycho_21, Tydolla_15, Tyrumbra_26, Valary_23, VanDeWege_23, Verity_22, ViaConlectus_23, Vic9_00016, Vivi2_21, West99_16, Wizard_20, Yahalom_15, Yeti_28, Yinz_15, YorkOnyx_22, YungMoney_22, Zenteno07_18, Zipp_22, Zitch_24,

Summary by start number:

Start 6:
• Found in 1 of 724 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 628
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Sour_15 (DR),

Start 9:
• Found in 2 of 724 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 628
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CRB2_16 (B9), PenguinLover67_16 (B9),

Start 11:
• Found in 1 of 724 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 628
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Quesadilla_15 (B9),

Start 12:
• Found in 39 of 724 (5.4%) of genes in pham
• Manual Annotations of this start: 38 of 628
• 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), Saguaro_15 (B7), TA17A_16 (B2), Tinciduntsolum_17 (B2), Tres_16 (B2), Vic9_00016 (B2), West99_16 (B2),

Start 13:
• Found in 17 of 724 (2.3%) of genes in pham
• Manual Annotations of this start: 16 of 628
• 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 14:
• Found in 56 of 724 (7.7%) of genes in pham
• Manual Annotations of this start: 50 of 628
• Called 100.0% 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), 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), Gadjet_16 (B3), Gervas_15 (B3), GlenHope_16 (B3), Glubnar_15 (B3), Halfpint_14 (B3), HarveySr_15 (B3), Heathcliff_15 (B3), Jackstina_14 (B3), Kamiyu_15 (B3), Kronus_14 (B3), LestyG_15 (B3), 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),

Start 16:
• Found in 438 of 724 (60.5%) of genes in pham
• Manual Annotations of this start: 364 of 628
• Called 99.8% of time when present
• Phage (with cluster) where this start called: 39HC_011 (B6), 40BC_011 (B6), ABU_13 (B1), AbsoluteMadLad_12 (B1), 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), Argie_11 (W), Ashraf_12 (B1), Austelle_14 (B4), Axumite_12 (DR), Badfish_13 (B1), Baee_14 (B5), Banjo_12 (B1), Basato_14 (B1), BatteryCK_12 (B1), Beaglebox_12 (B1), BiggityBass_11 (DR), Bishoperium_12 (B1), BlackStallion_13 (B1), Blackpen_14 (DR), BlacksBerry_12 (B1), BlueHusk_13 (B1), Bluephacebaby_12 (B1), BobRoss2024_11 (DR), BobbyK_13 (B4), Boehler_13 (B1), 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), Cepens_10 (W), Chaelin_12 (B1), Chah_13 (B1), Charles1_13 (B1), CharlieGBrown_12 (B1), CharlottesWeb_12 (DR), CheetO_13 (B1), Cher_12 (B1), Childish_12 (B1), 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), D12_10 (W), 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), DoesntMatter_13 (B1), DolOn_14 (B1), DonSanchon_12 (B1), DonTron_45 (CP), Donny_14 (B5), Dori_11 (AD), DuchessDung_12 (B1), Duggie_12 (B1), Durga_13 (B1), EastView9101_14 (B5), ElvisPhasley_13 (B1), Emiris_13 (B1), EmpTee_13 (B1), Epah_12 (B4), Eremos_13 (B1), Etaye_13 (B1), Eugenia_13 (B1), Evaa_13 (DR), Fanaw_13 (B4), Fang_13 (B1), FelixTres_14 (DR), Flake_14 (B1), FleetyMac_12 (B1), 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), FugateOSU_12 (B1), Funsized_18 (B9), Gareth_12 (B1), GeneCoco_13 (B1), GinPorsche_12 (B4), Giraffe_13 (B1), GodPhather_11 (W), 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), Jeon_10 (W), Jesabah_13 (B1), Jillium_12 (B1), Jiminy_12 (B1), Jiraiya_12 (B1), Jolie1_011 (B6), Jollymon_45 (CP), JoyceMaria_13 (B4), KLucky39_13 (B1), 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_46 (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), LeeLot_13 (B1), Lego3393_13 (B1), Legolas_12 (B1), Lehmann_13 (B1), LeiMonet_13 (B1), LemonSlice_13 (B1), Ligma_12 (DR), LilMcDreamy_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), Makar_46 (CP), MakoManhole_14 (DR), Mana_12 (B1), Manad_12 (B1), Mao1_10 (AD), Mariokart_12 (DR), Maru_12 (B1), Mask_11 (AD), Maskar_12 (B1), Matalotodo_13 (B1), Mcshane_12 (B1), Mecca_12 (B1), Megabear_10 (W), Megamind20_13 (B1), Megatron_13 (B1), Melc17_13 (B1), MelsMeow_12 (B1), Mesh1_13 (B1), Mesmerelda_12 (B1), MichaelPhcott_12 (B1), Mikota_13 (B1), MiniBoss_13 (B1), 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), Nicole21_13 (B1), Nigel_11 (B4), 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), PR_10 (W), Pacifista_12 (B1), PallasAthena_13 (B1), 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), 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_13 (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), Purplicious_43 (CP), QueenBeane_13 (B1), QueenPie_13 (B4), Quisquiliae_13 (B1), RawrgerThat_13 (B4), Reccee_15 (B5), RedMaple_12 (B1), RedRaider89_13 (B1), 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_12 (B1), Robyn_12 (B1), Roliet_13 (B1), Roscoe_14 (B1), Roy17_13 (B1), SDcharge11_13 (B1), SallyH_13 (B1), Samaymay_13 (B1), SassyCat97_12 (B1), Schadenfreude_12 (B1), Schueller_12 (B1), Scoot17C_13 (B1), Scrick_12 (B1), Sejanus_11 (AD), 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 (AI), 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), TPA2_22 (singleton), TallGrassMM_13 (B1), Taptic_10 (W), 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), 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), Waleliano_13 (B4), Wallhey_12 (B1), Waterdiva_13 (B1), Weher20_13 (B1), Windsor_12 (B1), Wooper_14 (DR), Xavier_12 (B1), Xincheng_13 (B4), Yago84_12 (DR), Yeshua_14 (DR), Yoshand_13 (B1), YouGoGlencoco_13 (B1), Zaider_14 (B1), Zelda_13 (B1), Zemanar_14 (B4), Zonia_13 (B1),

Start 17:
• Found in 54 of 724 (7.5%) of genes in pham
• Manual Annotations of this start: 52 of 628
• Called 98.1% 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), 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), 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 18:
• Found in 2 of 724 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 628

• Called 50.0% of time when present
• Phage (with cluster) where this start called: RiverRaider_22 (DE1),

Start 20:
• Found in 1 of 724 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 628
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Indlovu_13 (B11),

Start 21:
• Found in 4 of 724 (0.6%) of genes in pham
• Manual Annotations of this start: 3 of 628
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BirdsNest_18 (B13), Hashim76_18
(B13), LittleMinkey_19 (B13), Zenteno07_18 (B13),

Start 23:
• Found in 1 of 724 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 628
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Rasputia_58 (GC),

Start 25:
• Found in 14 of 724 (1.9%) of genes in pham
• Manual Annotations of this start: 9 of 628
• Called 100.0% of time when present
• Phage (with cluster) where this start called: APunk_24 (DE4), Abblin_22 (DE4),
BigHunkinEater_24 (DE4), Delrey21_22 (DE4), DoctorFroggo_22 (DE4),
Natkenzie_22 (DE4), Pumpkiney_24 (DE4), Sampson_22 (DE4), Scioto_22 (DE4),
Tardus_23 (DE4), Verity_22 (DE4), ViaConlectus_23 (DE4), Zipp_22 (DE4), Zitch_24
(DE4),

Start 26:
• Found in 96 of 724 (13.3%) of genes in pham
• Manual Annotations of this start: 80 of 628
• Called 87.5% of time when present
• Phage (with cluster) where this start called: Antares_28 (EC), Ariadne_36 (EC),
Arri_23 (DC1), Bakery_21 (DC1), Barb_22 (DC1), BrazzalePHS_27 (EC),
Busephilis_27 (EC), CherryCola_24 (DC1), ClamChowder_22 (DC1), ClearAsMud_30
(EC), Clown_24 (DC2), CoveyB_22 (DC1), Cranjis_29 (EC), CrazyRich_27 (EC),
Crisis_29 (EC), Danyall_22 (DC1), Dewdrop_62 (GC), Egi03_20 (DC1), Evamon_20
(DC1), Fireball_21 (DC1), Fireman_28 (EC), Fugax_22 (DC1), FuzzBuster_33 (GM),
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),
Jollipop_28 (EC), KaiHaiDragon_28 (EC), KimmyK_22 (DC1), Kowalski_27 (EC),
Leaf_62 (GC), Lilbeanie_19 (DE5), LittleFortune_29 (EC), Megan_22 (EC), Merry_
(EC), Metamorphoo_28 (EC), Mutzi_22 (DC1), 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), Quhwah_31
(EC), Ramiel05_27 (EC), RobsFeet_29 (EC), Rockwell_27 (EC), RogerDodger_23
(DC1), Salvador_20 (DC1), Savannah_27 (EC), Savbucketdawg_20 (DC1),
Scumberland_29 (EC), Selwyn23_29 (EC), Shinji_20 (DC1), Shotgun_27 (EC),

Shrubaron_28 (EC), SirFrank_27 (EC), Skugga_26 (EC), Smarties_36 (EC), SmokingBunny_20 (DC1), Sunny_ (EC), Teamocil_29 (EC), TillyBobJoe_20 (DC1), Togo_20 (DC1), Twister6_22 (DC1), Tyrumbra_26 (EC), Valary_23 (DC1), VanDeWege_23 (DC1), Wizard_20 (DC1), Yeti_28 (EC), YungMoney_22 (DC1),

Start 43:
• Found in 35 of 724 (4.8%) of genes in pham
• Manual Annotations of this start: 6 of 628
• Called 17.1% 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 55:
• Found in 54 of 724 (7.5%) of genes in pham
• Manual Annotations of this start: 2 of 628
• Called 5.6% of time when present
• Phage (with cluster) where this start called: Ganandorf_27 (EC), NoodlelyBoi_28 (EC), PierreOrion_28 (EC),

Start 72:
• Found in 48 of 724 (6.6%) of genes in pham
• Manual Annotations of this start: 1 of 628
• Called 8.3% of time when present
• Phage (with cluster) where this start called: BeagleBug_27 (EC), EarickHC_28 (EC), Lucretia_28 (EC), PhedwardCullen_26 (EC),

Summary by clusters:

There are 30 clusters represented in this pham: singleton, B12, B13, B10, B11, DR, EI, AD, AI, EC, GC, W, GM, CP, DC2, DC1, DE1, DE2, DE3, DE4, DE5, B4, B5, B6, B7, B1, B2, B3, B8, B9,

Info for manual annotations of cluster AD:
•Start number 16 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster AI:
•Start number 16 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster B1:
•Start number 16 was manually annotated 280 times for cluster B1.

Info for manual annotations of cluster B10:
•Start number 16 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:
•Start number 20 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:
•Start number 16 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:
•Start number 21 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:
•Start number 12 was manually annotated 37 times for cluster B2.

Info for manual annotations of cluster B3:
•Start number 14 was manually annotated 50 times for cluster B3.

Info for manual annotations of cluster B4:
•Start number 16 was manually annotated 26 times for cluster B4.

Info for manual annotations of cluster B5:
•Start number 16 was manually annotated 10 times for cluster B5.

Info for manual annotations of cluster B6:
•Start number 16 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:
•Start number 12 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:
•Start number 16 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:
•Start number 9 was manually annotated 2 times for cluster B9.
•Start number 11 was manually annotated 1 time for cluster B9.
•Start number 16 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster CP:
•Start number 16 was manually annotated 5 times for cluster CP.

Info for manual annotations of cluster DC1:
•Start number 26 was manually annotated 31 times for cluster DC1.

Info for manual annotations of cluster DC2:
•Start number 26 was manually annotated 1 time for cluster DC2.

Info for manual annotations of cluster DE1:
•Start number 17 was manually annotated 52 times for cluster DE1.
•Start number 18 was manually annotated 1 time for cluster DE1.

Info for manual annotations of cluster DE2:
•Start number 13 was manually annotated 9 times for cluster DE2.

Info for manual annotations of cluster DE3:
•Start number 13 was manually annotated 7 times for cluster DE3.

Info for manual annotations of cluster DE4:
•Start number 25 was manually annotated 9 times for cluster DE4.

Info for manual annotations of cluster DE5:
•Start number 26 was manually annotated 1 time for cluster DE5.

Info for manual annotations of cluster DR:
•Start number 6 was manually annotated 1 time for cluster DR.

•Start number 16 was manually annotated 20 times for cluster DR.

Info for manual annotations of cluster EC:
•Start number 26 was manually annotated 43 times for cluster EC.
•Start number 55 was manually annotated 2 times for cluster EC.
•Start number 72 was manually annotated 1 time for cluster EC.

Info for manual annotations of cluster EI:
•Start number 43 was manually annotated 6 times for cluster EI.

Info for manual annotations of cluster GC:
•Start number 23 was manually annotated 1 time for cluster GC.
•Start number 26 was manually annotated 3 times for cluster GC.

Info for manual annotations of cluster GM:
•Start number 26 was manually annotated 1 time for cluster GM.

Info for manual annotations of cluster W:
•Start number 16 was manually annotated 8 times for cluster W.

Gene Information:
Gene: 39HC_011 Start: 11832, Stop: 12599, Start Num: 16
Candidate Starts for 39HC_011:
(Start: 16 @11832 has 364 MA's), (28, 11853), (88, 12093), (107, 12168), (127, 12249), (170, 12408), (173, 12426), (189, 12504), (195, 12534),

Gene: 40BC_011 Start: 11832, Stop: 12599, Start Num: 16
Candidate Starts for 40BC_011:
(Start: 16 @11832 has 364 MA's), (28, 11853), (88, 12093), (107, 12168), (127, 12249), (170, 12408), (173, 12426), (189, 12504), (195, 12534),

Gene: ABU_13 Start: 11600, Stop: 12397, Start Num: 16
Candidate Starts for ABU_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: APunk_24 Start: 18327, Stop: 19151, Start Num: 25
Candidate Starts for APunk_24:
(19, 18318), (Start: 25 @18327 has 9 MA's), (Start: 43 @18399 has 6 MA's), (62, 18465), (90, 18582), (105, 18639), (120, 18711), (125, 18732), (143, 18813), (146, 18834), (157, 18864), (164, 18885), (170, 18912), (179, 18993), (181, 18999), (185, 19020), (192, 19065), (195, 19077), (201, 19101),

Gene: Abblin_22 Start: 17540, Stop: 18364, Start Num: 25
Candidate Starts for Abblin_22:
(Start: 25 @17540 has 9 MA's), (Start: 43 @17612 has 6 MA's), (62, 17678), (79, 17753), (90, 17795), (105, 17852), (120, 17924), (125, 17945), (129, 17966), (143, 18026), (146, 18047), (153, 18068), (157, 18077), (164, 18098), (170, 18125), (175, 18182), (179, 18206), (181, 18212), (185, 18233), (195, 18290), (201, 18314),

Gene: Abinghost_15 Start: 13140, Stop: 13949, Start Num: 14

Candidate Starts for Abinghost_15:
(Start: 14 @13140 has 50 MA's), (41, 13203), (56, 13266), (78, 13362), (88, 13410), (90, 13416), (102, 13464), (118, 13536), (127, 13566), (132, 13587), (145, 13647), (151, 13668), (170, 13734), (198, 13875), (199, 13878),

Gene: AbsoluteMadLad_12 Start: 11598, Stop: 12401, Start Num: 16
Candidate Starts for AbsoluteMadLad_12:
(Start: 16 @11598 has 364 MA's), (28, 11619), (32, 11631), (35, 11643), (74, 11805), (90, 11874), (102, 11922), (118, 11994), (131, 12039), (135, 12063), (147, 12114), (168, 12168), (178, 12225), (186, 12264),

Gene: Acadian_14 Start: 13349, Stop: 14155, Start Num: 16
Candidate Starts for Acadian_14:
(Start: 16 @13349 has 364 MA's), (29, 13364), (37, 13391), (48, 13439), (109, 13724), (118, 13766), (122, 13784), (128, 13802), (133, 13829), (137, 13841), (152, 13901), (170, 13958), (173, 13976), (178, 14000), (187, 14042), (194, 14078),

Gene: Adriana_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Adriana_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Aelin_12 Start: 11149, Stop: 11952, Start Num: 16
Candidate Starts for Aelin_12:
(Start: 16 @11149 has 364 MA's), (28, 11170), (32, 11182), (35, 11194), (74, 11356), (90, 11425), (102, 11473), (118, 11545), (131, 11590), (135, 11614), (147, 11665), (168, 11719), (178, 11776), (186, 11815),

Gene: Affeca_21 Start: 17356, Stop: 18186, Start Num: 17
Candidate Starts for Affeca_21:
(Start: 17 @17356 has 52 MA's), (22, 17365), (53, 17470), (77, 17560), (90, 17614), (95, 17638), (111, 17701), (120, 17749), (157, 17905), (170, 17953), (175, 18010), (179, 18034), (181, 18040), (193, 18109), (196, 18121), (200, 18139), (203, 18154),

Gene: Ahwei_12 Start: 12252, Stop: 13046, Start Num: 16
Candidate Starts for Ahwei_12:
(Start: 16 @12252 has 364 MA's), (28, 12273), (31, 12282), (44, 12339), (56, 12384), (88, 12522), (102, 12576), (107, 12597), (112, 12618), (114, 12624), (132, 12711), (142, 12753), (170, 12849), (173, 12867), (178, 12891), (187, 12933), (195, 12975), (208, 13023),

Gene: Ailee_21 Start: 17270, Stop: 18100, Start Num: 17
Candidate Starts for Ailee_21:
(Start: 17 @17270 has 52 MA's), (22, 17279), (53, 17384), (66, 17432), (77, 17474), (83, 17498), (95, 17552), (111, 17615), (120, 17663), (126, 17690), (157, 17819), (170, 17867), (175, 17924), (179, 17948), (181, 17954), (193, 18023), (196, 18035), (200, 18053), (203, 18068),

Gene: Akoma_15 Start: 13140, Stop: 13949, Start Num: 14
Candidate Starts for Akoma_15:
(Start: 14 @13140 has 50 MA's), (41, 13203), (56, 13266), (78, 13362), (88, 13410), (90, 13416), (102, 13464), (118, 13536), (127, 13566), (132, 13587), (145, 13647), (151, 13668), (170, 13734), (198, 13875), (199, 13878),

Gene: AksarBAT_12 Start: 11596, Stop: 12369, Start Num: 16
Candidate Starts for AksarBAT_12:
(Start: 16 @11596 has 364 MA's), (32, 11626), (46, 11683), (56, 11728), (70, 11782), (132, 12034), (170, 12178), (194, 12298), (199, 12322),

Gene: AlanGrant_14 Start: 14119, Stop: 14907, Start Num: 16
Candidate Starts for AlanGrant_14:
(Start: 16 @14119 has 364 MA's), (31, 14140), (32, 14143), (35, 14155), (89, 14386), (90, 14389), (107, 14458), (112, 14479), (118, 14509), (137, 14593), (147, 14641), (178, 14752), (187, 14794), (195, 14836), (208, 14884),

Gene: Aleia_13 Start: 11169, Stop: 11972, Start Num: 16
Candidate Starts for Aleia_13:
(Start: 16 @11169 has 364 MA's), (28, 11190), (32, 11202), (35, 11214), (74, 11376), (90, 11445), (102, 11493), (118, 11565), (131, 11610), (135, 11634), (147, 11685), (168, 11739), (178, 11796), (186, 11835),

Gene: Ali17_20 Start: 16677, Stop: 17507, Start Num: 13
Candidate Starts for Ali17_20:
(Start: 13 @16677 has 16 MA's), (15, 16683), (28, 16710), (30, 16716), (Start: 43 @16770 has 6 MA's), (90, 16941), (91, 16953), (111, 17028), (120, 17076), (143, 17178), (160, 17232), (168, 17262), (170, 17277), (175, 17334), (196, 17445),

Gene: Allegro_16 Start: 14535, Stop: 15353, Start Num: 12
Candidate Starts for Allegro_16:
(Start: 12 @14535 has 38 MA's), (56, 14679), (75, 14760), (87, 14814), (88, 14820), (103, 14880), (113, 14919), (120, 14958), (132, 14997), (158, 15093), (170, 15141), (178, 15183), (185, 15219), (199, 15285),

Gene: AltPhacts_13 Start: 11603, Stop: 12406, Start Num: 16
Candidate Starts for AltPhacts_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: Altwerkus_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Altwerkus_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Amo99_46 Start: 25052, Stop: 25819, Start Num: 16
Candidate Starts for Amo99_46:
(Start: 16 @25052 has 364 MA's), (40, 25118), (49, 25154), (93, 25325), (95, 25328), (127, 25466), (130, 25478), (137, 25508), (143, 25532), (179, 25688), (181, 25694), (190, 25733), (198, 25772), (206, 25799),

Gene: AnClar_12 Start: 12460, Stop: 13242, Start Num: 16
Candidate Starts for AnClar_12:
(Start: 16 @12460 has 364 MA's), (32, 12499), (45, 12553), (103, 12793), (109, 12817), (133, 12919), (173, 13072), (179, 13111), (199, 13198),

Gene: AnarQue_14 Start: 13126, Stop: 13899, Start Num: 16

Candidate Starts for AnarQue_14:
(Start: 16 @13126 has 364 MA's), (56, 13258), (114, 13489), (130, 13555), (132, 13564), (170, 13708), (195, 13834), (198, 13849),

Gene: Anderson_13 Start: 11605, Stop: 12402, Start Num: 16
Candidate Starts for Anderson_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Andre_13 Start: 11603, Stop: 12400, Start Num: 16
Candidate Starts for Andre_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: AngelCake_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for AngelCake_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Angelicage_21 Start: 17779, Stop: 18609, Start Num: 17
Candidate Starts for Angelicage_21:
(Start: 17 @17779 has 52 MA's), (22, 17788), (53, 17893), (77, 17983), (90, 18037), (95, 18061), (111, 18124), (120, 18172), (157, 18328), (170, 18376), (175, 18433), (179, 18457), (181, 18463), (193, 18532), (196, 18544), (200, 18562), (203, 18577),

Gene: Antares_28 Start: 15892, Stop: 16722, Start Num: 26
Candidate Starts for Antares_28:
(Start: 26 @15892 has 80 MA's), (Start: 55 @16003 has 2 MA's), (Start: 72 @16075 has 1 MA's), (90, 16135), (120, 16285), (126, 16312), (131, 16336), (133, 16351), (143, 16390), (144, 16399), (146, 16411), (193, 16633), (207, 16687),

Gene: Antihero_12 Start: 12252, Stop: 13046, Start Num: 16
Candidate Starts for Antihero_12:
(Start: 16 @12252 has 364 MA's), (28, 12273), (31, 12282), (44, 12339), (56, 12384), (88, 12522), (102, 12576), (107, 12597), (112, 12618), (114, 12624), (132, 12711), (142, 12753), (170, 12849), (173, 12867), (178, 12891), (187, 12933), (195, 12975), (208, 13023),

Gene: Antonia_12 Start: 11149, Stop: 11952, Start Num: 16
Candidate Starts for Antonia_12:
(Start: 16 @11149 has 364 MA's), (28, 11170), (32, 11182), (35, 11194), (74, 11356), (90, 11425), (102, 11473), (118, 11545), (131, 11590), (135, 11614), (147, 11665), (168, 11719), (178, 11776), (186, 11815),

Gene: Aonishiki_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Aonishiki_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Apex_13 Start: 13527, Stop: 14321, Start Num: 16
Candidate Starts for Apex_13:

(Start: 16 @13527 has 364 MA's), (28, 13548), (56, 13659), (88, 13797), (102, 13851), (107, 13872), (112, 13893), (114, 13899), (132, 13986), (142, 14028), (170, 14124), (171, 14127), (178, 14166), (187, 14208), (195, 14250), (208, 14298),

Gene: Apizium_12 Start: 11307, Stop: 12110, Start Num: 16
Candidate Starts for Apizium_12:
(Start: 16 @11307 has 364 MA's), (28, 11328), (32, 11340), (35, 11352), (74, 11514), (90, 11583), (102, 11631), (118, 11703), (131, 11748), (135, 11772), (147, 11823), (168, 11877), (178, 11934), (186, 11973),

Gene: Arbiter_16 Start: 14622, Stop: 15440, Start Num: 12
Candidate Starts for Arbiter_16:
(Start: 12 @14622 has 38 MA's), (56, 14766), (75, 14847), (87, 14901), (88, 14907), (103, 14967), (113, 15006), (120, 15045), (132, 15084), (158, 15180), (170, 15228), (178, 15270), (185, 15306), (199, 15372),

Gene: Ares_16 Start: 14535, Stop: 15353, Start Num: 12
Candidate Starts for Ares_16:
(Start: 12 @14535 has 38 MA's), (56, 14679), (75, 14760), (87, 14814), (88, 14820), (103, 14880), (113, 14919), (120, 14958), (132, 14997), (158, 15093), (170, 15141), (178, 15183), (185, 15219), (199, 15285),

Gene: Argie_11 Start: 12991, Stop: 13767, Start Num: 16
Candidate Starts for Argie_11:
(Start: 16 @12991 has 364 MA's), (32, 13012), (33, 13015), (38, 13033), (45, 13066), (58, 13120), (60, 13126), (69, 13159), (102, 13306), (108, 13330), (109, 13336), (130, 13420), (149, 13504), (163, 13546), (185, 13651), (188, 13657), (199, 13717),

Gene: Ariadne_36 Start: 17634, Stop: 18449, Start Num: 26
Candidate Starts for Ariadne_36:
(Start: 26 @17634 has 80 MA's), (54, 17736), (Start: 55 @17745 has 2 MA's), (57, 17754), (90, 17877), (123, 18051), (144, 18144), (183, 18300), (193, 18354), (208, 18411), (211, 18435),

Gene: Arri_23 Start: 14513, Stop: 15325, Start Num: 26
Candidate Starts for Arri_23:
(Start: 26 @14513 has 80 MA's), (47, 14594), (87, 14744), (120, 14891), (128, 14927), (155, 15041), (209, 15311),

Gene: Ashertheman_22 Start: 16864, Stop: 17691, Start Num: 17
Candidate Starts for Ashertheman_22:
(7, 16819), (8, 16825), (Start: 17 @16864 has 52 MA's), (22, 16873), (53, 16975), (77, 17065), (83, 17089), (111, 17206), (120, 17254), (131, 17305), (157, 17410), (162, 17428), (170, 17458), (172, 17479), (175, 17515), (181, 17545), (196, 17626), (200, 17644), (203, 17659),

Gene: Ashraf_12 Start: 11149, Stop: 11946, Start Num: 16
Candidate Starts for Ashraf_12:
(Start: 16 @11149 has 364 MA's), (28, 11170), (32, 11182), (35, 11194), (90, 11425), (102, 11473), (118, 11545), (131, 11590), (135, 11614), (147, 11665), (168, 11719), (178, 11776), (186, 11815),

Gene: Athena_16 Start: 13903, Stop: 14712, Start Num: 14
Candidate Starts for Athena_16:
(Start: 14 @13903 has 50 MA's), (41, 13966), (56, 14029), (78, 14125), (88, 14173), (90, 14179), (102, 14227), (118, 14299), (127, 14329), (132, 14350), (145, 14410), (151, 14431), (170, 14497), (198,

14638), (199, 14641),

Gene: Audrey_15 Start: 13140, Stop: 13949, Start Num: 14
Candidate Starts for Audrey_15:
(Start: 14 @13140 has 50 MA's), (41, 13203), (56, 13266), (78, 13362), (88, 13410), (90, 13416), (102, 13464), (118, 13536), (127, 13566), (132, 13587), (145, 13647), (151, 13668), (170, 13734), (198, 13875), (199, 13878),

Gene: Austelle_14 Start: 13980, Stop: 14774, Start Num: 16
Candidate Starts for Austelle_14:
(Start: 16 @13980 has 364 MA's), (28, 14001), (32, 14013), (56, 14112), (88, 14250), (102, 14304), (107, 14325), (112, 14346), (114, 14352), (118, 14376), (132, 14439), (142, 14481), (170, 14577), (178, 14619), (187, 14661), (195, 14703), (208, 14751),

Gene: Axumite_12 Start: 11636, Stop: 12418, Start Num: 16
Candidate Starts for Axumite_12:
(Start: 16 @11636 has 364 MA's), (24, 11648), (45, 11726), (178, 12272), (179, 12287), (185, 12308), (194, 12350), (195, 12356), (205, 12395),

Gene: Baddon_21 Start: 17711, Stop: 18538, Start Num: 17
Candidate Starts for Baddon_21:
(Start: 17 @17711 has 52 MA's), (22, 17720), (53, 17822), (77, 17912), (83, 17936), (111, 18053), (120, 18101), (131, 18152), (143, 18206), (157, 18257), (162, 18275), (170, 18305), (172, 18326), (175, 18362), (181, 18392), (196, 18473), (197, 18476), (200, 18491), (203, 18506),

Gene: Badfish_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Badfish_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Baee_14 Start: 13351, Stop: 14157, Start Num: 16
Candidate Starts for Baee_14:
(Start: 16 @13351 has 364 MA's), (29, 13366), (37, 13393), (42, 13417), (48, 13441), (89, 13645), (90, 13648), (109, 13726), (116, 13756), (118, 13768), (133, 13831), (137, 13843), (170, 13960), (178, 14002), (187, 14044), (194, 14080),

Gene: Bakery_21 Start: 13726, Stop: 14538, Start Num: 26
Candidate Starts for Bakery_21:
(Start: 26 @13726 has 80 MA's), (47, 13807), (87, 13957), (116, 14077), (120, 14104), (155, 14254), (179, 14386), (209, 14524),

Gene: Baloo_15 Start: 13140, Stop: 13949, Start Num: 14
Candidate Starts for Baloo_15:
(Start: 14 @13140 has 50 MA's), (41, 13203), (56, 13266), (78, 13362), (88, 13410), (90, 13416), (102, 13464), (118, 13536), (127, 13566), (132, 13587), (145, 13647), (151, 13668), (170, 13734), (198, 13875), (199, 13878),

Gene: Bananafish_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for Bananafish_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877), (113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216), (199, 15282),

Gene: Banjo_12 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for Banjo_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Barb_22 Start: 14500, Stop: 15312, Start Num: 26
Candidate Starts for Barb_22:
(Start: 26 @14500 has 80 MA's), (47, 14581), (87, 14731), (120, 14878), (128, 14914), (155, 15028), (209, 15298),

Gene: Barsten_22 Start: 17286, Stop: 18116, Start Num: 17
Candidate Starts for Barsten_22:
(Start: 17 @17286 has 52 MA's), (22, 17295), (53, 17400), (77, 17490), (83, 17514), (90, 17544), (95, 17568), (111, 17631), (120, 17679), (126, 17706), (157, 17835), (170, 17883), (175, 17940), (179, 17964), (181, 17970), (193, 18039), (196, 18051), (200, 18069), (203, 18084),

Gene: Basato_14 Start: 11836, Stop: 12639, Start Num: 16
Candidate Starts for Basato_14:
(Start: 16 @11836 has 364 MA's), (28, 11857), (32, 11869), (35, 11881), (74, 12043), (90, 12112), (102, 12160), (118, 12232), (131, 12277), (135, 12301), (147, 12352), (168, 12406), (178, 12463), (186, 12502),

Gene: BatteryCK_12 Start: 11155, Stop: 11952, Start Num: 16
Candidate Starts for BatteryCK_12:
(Start: 16 @11155 has 364 MA's), (28, 11176), (32, 11188), (35, 11200), (90, 11431), (102, 11479), (118, 11551), (131, 11596), (135, 11620), (147, 11671), (168, 11725), (178, 11782), (186, 11821),

Gene: Baumdotcom_21 Start: 16480, Stop: 17307, Start Num: 17
Candidate Starts for Baumdotcom_21:
(Start: 17 @16480 has 52 MA's), (22, 16489), (53, 16591), (77, 16681), (111, 16822), (120, 16870), (131, 16921), (143, 16975), (157, 17026), (162, 17044), (170, 17074), (172, 17095), (175, 17131), (181, 17161), (196, 17242), (200, 17260), (203, 17275),

Gene: BeagleBug_27 Start: 15856, Stop: 16503, Start Num: 72
Candidate Starts for BeagleBug_27:
(Start: 26 @15673 has 80 MA's), (Start: 55 @15784 has 2 MA's), (Start: 72 @15856 has 1 MA's), (90, 15916), (120, 16066), (126, 16093), (131, 16117), (133, 16132), (143, 16171), (144, 16180), (146, 16192), (193, 16414), (207, 16468),

Gene: Beaglebox_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Beaglebox_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Belphegor_19 Start: 15791, Stop: 16621, Start Num: 13
Candidate Starts for Belphegor_19:
(Start: 13 @15791 has 16 MA's), (15, 15797), (30, 15830), (Start: 43 @15884 has 6 MA's), (90, 16055), (91, 16067), (120, 16190), (146, 16313), (170, 16391), (175, 16448), (196, 16559),

Gene: Ben11_14 Start: 12964, Stop: 13773, Start Num: 14

Candidate Starts for Ben11_14:
(Start: 14 @12964 has 50 MA's), (41, 13027), (56, 13090), (78, 13186), (88, 13234), (90, 13240), (102, 13288), (118, 13360), (127, 13390), (132, 13411), (145, 13471), (151, 13492), (170, 13558), (198, 13699), (199, 13702),

Gene: Bernardo_15 Start: 13139, Stop: 13948, Start Num: 14
Candidate Starts for Bernardo_15:
(Start: 14 @13139 has 50 MA's), (41, 13202), (56, 13265), (78, 13361), (88, 13409), (90, 13415), (102, 13463), (118, 13535), (127, 13565), (132, 13586), (145, 13646), (151, 13667), (170, 13733), (198, 13874), (199, 13877),

Gene: Bibwit_22 Start: 17521, Stop: 18351, Start Num: 17
Candidate Starts for Bibwit_22:
(Start: 17 @17521 has 52 MA's), (22, 17530), (53, 17635), (77, 17725), (83, 17749), (90, 17779), (95, 17803), (111, 17866), (120, 17914), (126, 17941), (157, 18070), (170, 18118), (175, 18175), (179, 18199), (181, 18205), (193, 18274), (196, 18286), (200, 18304), (203, 18319),

Gene: BigHunkinEater_24 Start: 16649, Stop: 17473, Start Num: 25
Candidate Starts for BigHunkinEater_24:
(19, 16640), (Start: 25 @16649 has 9 MA's), (Start: 43 @16721 has 6 MA's), (62, 16787), (90, 16904), (105, 16961), (120, 17033), (125, 17054), (143, 17135), (146, 17156), (157, 17186), (164, 17207), (170, 17234), (179, 17315), (181, 17321), (185, 17342), (201, 17423),

Gene: BiggityBass_11 Start: 11443, Stop: 12225, Start Num: 16
Candidate Starts for BiggityBass_11:
(Start: 16 @11443 has 364 MA's), (32, 11482), (45, 11536), (60, 11599), (103, 11776), (109, 11800), (173, 12055), (179, 12094), (199, 12181),

Gene: BirdsNest_18 Start: 12456, Stop: 13232, Start Num: 21
Candidate Starts for BirdsNest_18:
(Start: 21 @12456 has 3 MA's), (28, 12468), (34, 12483), (56, 12576), (89, 12720), (102, 12771), (121, 12861), (132, 12912), (170, 13041), (187, 13125), (195, 13167), (208, 13215),

Gene: Bishoperium_12 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for Bishoperium_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Bizzy_22 Start: 16765, Stop: 17592, Start Num: 17
Candidate Starts for Bizzy_22:
(Start: 17 @16765 has 52 MA's), (22, 16774), (53, 16876), (77, 16966), (111, 17107), (120, 17155), (131, 17206), (143, 17260), (157, 17311), (162, 17329), (170, 17359), (172, 17380), (175, 17416), (181, 17446), (183, 17461), (196, 17527), (200, 17545), (203, 17560),

Gene: BlackStallion_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for BlackStallion_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Blackpen_14 Start: 12606, Stop: 13379, Start Num: 16
Candidate Starts for Blackpen_14:

(Start: 16 @12606 has 364 MA's), (56, 12738), (114, 12969), (120, 13005), (130, 13035), (132, 13044), (170, 13188), (195, 13314), (198, 13329),

Gene: BlacksBerry_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for BlacksBerry_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Blocker23_16 Start: 14652, Stop: 15470, Start Num: 12
Candidate Starts for Blocker23_16:
(Start: 12 @14652 has 38 MA's), (56, 14796), (75, 14877), (87, 14931), (88, 14937), (103, 14997), (113, 15036), (120, 15075), (132, 15114), (158, 15210), (170, 15258), (178, 15300), (185, 15336), (199, 15402),

Gene: BlueHusk_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for BlueHusk_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Bluephacebaby_12 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for Bluephacebaby_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: BobBob_19 Start: 16143, Stop: 16973, Start Num: 17
Candidate Starts for BobBob_19:
(Start: 17 @16143 has 52 MA's), (22, 16152), (53, 16257), (77, 16347), (90, 16401), (95, 16425), (111, 16488), (120, 16536), (126, 16563), (130, 16584), (132, 16593), (157, 16692), (170, 16740), (175, 16797), (179, 16821), (181, 16827), (193, 16896), (196, 16908), (200, 16926), (203, 16941),

Gene: BobRoss2024_11 Start: 11473, Stop: 12249, Start Num: 16
Candidate Starts for BobRoss2024_11:
(Start: 16 @11473 has 364 MA's), (32, 11512), (Start: 43 @11563 has 6 MA's), (58, 11617), (170, 12061), (185, 12139), (205, 12226),

Gene: BobbyK_13 Start: 13343, Stop: 14137, Start Num: 16
Candidate Starts for BobbyK_13:
(Start: 16 @13343 has 364 MA's), (28, 13364), (32, 13376), (56, 13475), (88, 13613), (102, 13667), (107, 13688), (112, 13709), (114, 13715), (132, 13802), (142, 13844), (170, 13940), (178, 13982), (187, 14024), (195, 14066), (208, 14114),

Gene: Boehler_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Boehler_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: BoogieWoogie_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for BoogieWoogie_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Boyle_16 Start: 14653, Stop: 15471, Start Num: 12
Candidate Starts for Boyle_16:
(Start: 12 @14653 has 38 MA's), (56, 14797), (75, 14878), (87, 14932), (88, 14938), (103, 14998), (113, 15037), (120, 15076), (132, 15115), (158, 15211), (170, 15259), (178, 15301), (185, 15337), (199, 15403),

Gene: Brandonk123_23 Start: 16835, Stop: 17665, Start Num: 17
Candidate Starts for Brandonk123_23:
(Start: 17 @16835 has 52 MA's), (22, 16844), (53, 16949), (77, 17039), (83, 17063), (95, 17117), (111, 17180), (120, 17228), (126, 17255), (132, 17285), (157, 17384), (170, 17432), (175, 17489), (181, 17519), (193, 17588), (196, 17600), (200, 17618), (203, 17633),

Gene: BrazzalePHS_27 Start: 15687, Stop: 16517, Start Num: 26
Candidate Starts for BrazzalePHS_27:
(Start: 26 @15687 has 80 MA's), (Start: 55 @15798 has 2 MA's), (Start: 72 @15870 has 1 MA's), (90, 15930), (120, 16080), (126, 16107), (131, 16131), (133, 16146), (143, 16185), (144, 16194), (146, 16206), (193, 16428), (207, 16482),

Gene: Briakila_15 Start: 13905, Stop: 14714, Start Num: 14
Candidate Starts for Briakila_15:
(Start: 14 @13905 has 50 MA's), (41, 13968), (56, 14031), (78, 14127), (88, 14175), (90, 14181), (102, 14229), (118, 14301), (127, 14331), (128, 14334), (132, 14352), (145, 14412), (151, 14433), (170, 14499), (198, 14640), (199, 14643),

Gene: Brilliant_13 Start: 11308, Stop: 12105, Start Num: 16
Candidate Starts for Brilliant_13:
(Start: 16 @11308 has 364 MA's), (28, 11329), (32, 11341), (35, 11353), (74, 11515), (90, 11584), (102, 11632), (118, 11704), (131, 11749), (135, 11773), (147, 11824), (168, 11878), (178, 11935), (186, 11974),

Gene: BrownCNA_14 Start: 13597, Stop: 14391, Start Num: 16
Candidate Starts for BrownCNA_14:
(Start: 16 @13597 has 364 MA's), (28, 13618), (32, 13630), (56, 13729), (88, 13867), (102, 13921), (107, 13942), (112, 13963), (114, 13969), (118, 13993), (132, 14056), (142, 14098), (170, 14194), (178, 14236), (187, 14278), (195, 14320), (208, 14368),

Gene: Brownie5_16 Start: 14652, Stop: 15470, Start Num: 12
Candidate Starts for Brownie5_16:
(Start: 12 @14652 has 38 MA's), (56, 14796), (75, 14877), (87, 14931), (88, 14937), (103, 14997), (113, 15036), (120, 15075), (132, 15114), (158, 15210), (170, 15258), (178, 15300), (185, 15336), (199, 15402),

Gene: Buckeye_13 Start: 11604, Stop: 12407, Start Num: 16
Candidate Starts for Buckeye_13:
(Start: 16 @11604 has 364 MA's), (28, 11625), (32, 11637), (35, 11649), (74, 11811), (90, 11880), (102, 11928), (118, 12000), (131, 12045), (135, 12069), (147, 12120), (168, 12174), (178, 12231), (186, 12270),

Gene: Burr_12 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for Burr_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937),

(186, 11976),

Gene: Busephilis_27 Start: 15623, Stop: 16453, Start Num: 26
Candidate Starts for Busephilis_27:
(Start: 26 @15623 has 80 MA's), (Start: 55 @15734 has 2 MA's), (Start: 72 @15806 has 1 MA's), (90, 15866), (120, 16016), (126, 16043), (131, 16067), (133, 16082), (143, 16121), (144, 16130), (146, 16142), (169, 16214), (193, 16364), (207, 16418),

Gene: CRB2_16 Start: 14223, Stop: 15020, Start Num: 9
Candidate Starts for CRB2_16:
(Start: 9 @14223 has 2 MA's), (28, 14262), (32, 14274), (76, 14457), (86, 14493), (88, 14505), (109, 14589), (170, 14829), (176, 14865), (178, 14871), (195, 14955), (205, 14994), (208, 15003),

Gene: CaiB_14 Start: 13114, Stop: 13887, Start Num: 16
Candidate Starts for CaiB_14:
(Start: 16 @13114 has 364 MA's), (56, 13246), (114, 13477), (130, 13543), (132, 13552), (170, 13696), (195, 13822), (198, 13837),

Gene: Calamitous_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for Calamitous_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877), (113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216), (199, 15282),

Gene: CamL_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for CamL_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: CampRoach_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for CampRoach_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Cannibal_13 Start: 11605, Stop: 12402, Start Num: 16
Candidate Starts for Cannibal_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Carthage_12 Start: 11277, Stop: 12080, Start Num: 16
Candidate Starts for Carthage_12:
(Start: 16 @11277 has 364 MA's), (28, 11298), (32, 11310), (35, 11322), (74, 11484), (90, 11553), (102, 11601), (118, 11673), (131, 11718), (135, 11742), (147, 11793), (168, 11847), (178, 11904), (186, 11943),

Gene: Casbah_14 Start: 12992, Stop: 13801, Start Num: 14
Candidate Starts for Casbah_14:
(Start: 14 @12992 has 50 MA's), (41, 13055), (56, 13118), (78, 13214), (88, 13262), (90, 13268), (102, 13316), (118, 13388), (127, 13418), (132, 13439), (145, 13499), (151, 13520), (170, 13586), (198, 13727), (199, 13730),

Gene: Caspiboi_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Caspiboi_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Causa_20 Start: 15477, Stop: 16358, Start Num: 16
Candidate Starts for Causa_20:
(Start: 16 @15477 has 364 MA's), (24, 15489), (89, 15765), (92, 15783), (130, 15930), (154, 16029), (157, 16035), (168, 16074), (170, 16089), (173, 16107), (176, 16125), (208, 16290),

Gene: Cepens_10 Start: 12730, Stop: 13506, Start Num: 16
Candidate Starts for Cepens_10:
(Start: 16 @12730 has 364 MA's), (32, 12751), (33, 12754), (38, 12772), (45, 12805), (58, 12859), (60, 12865), (69, 12898), (102, 13045), (108, 13069), (109, 13075), (130, 13159), (149, 13243), (163, 13285), (185, 13390), (188, 13396), (199, 13456),

Gene: ChaChing_15 Start: 13155, Stop: 13964, Start Num: 14
Candidate Starts for ChaChing_15:
(Start: 14 @13155 has 50 MA's), (41, 13218), (56, 13281), (78, 13377), (88, 13425), (90, 13431), (102, 13479), (118, 13551), (127, 13581), (132, 13602), (145, 13662), (151, 13683), (170, 13749), (198, 13890), (199, 13893),

Gene: ChadMasterC_21 Start: 17242, Stop: 18072, Start Num: 17
Candidate Starts for ChadMasterC_21:
(Start: 17 @17242 has 52 MA's), (22, 17251), (53, 17356), (77, 17446), (90, 17500), (95, 17524), (111, 17587), (120, 17635), (126, 17662), (157, 17791), (170, 17839), (175, 17896), (179, 17920), (181, 17926), (193, 17995), (196, 18007), (200, 18025), (203, 18040),

Gene: Chaelin_12 Start: 11263, Stop: 12066, Start Num: 16
Candidate Starts for Chaelin_12:
(Start: 16 @11263 has 364 MA's), (28, 11284), (32, 11296), (35, 11308), (74, 11470), (90, 11539), (102, 11587), (118, 11659), (131, 11704), (135, 11728), (147, 11779), (168, 11833), (178, 11890), (186, 11929),

Gene: Chah_13 Start: 11603, Stop: 12406, Start Num: 16
Candidate Starts for Chah_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: Chalmers_15 Start: 13948, Stop: 14757, Start Num: 14
Candidate Starts for Chalmers_15:
(Start: 14 @13948 has 50 MA's), (41, 14011), (56, 14074), (78, 14170), (88, 14218), (90, 14224), (102, 14272), (118, 14344), (127, 14374), (132, 14395), (145, 14455), (151, 14476), (170, 14542), (198, 14683), (199, 14686),

Gene: Chandler_15 Start: 13914, Stop: 14723, Start Num: 14
Candidate Starts for Chandler_15:
(Start: 14 @13914 has 50 MA's), (41, 13977), (56, 14040), (78, 14136), (88, 14184), (90, 14190), (102, 14238), (118, 14310), (127, 14340), (128, 14343), (132, 14361), (145, 14421), (151, 14442), (170, 14508), (198, 14649), (199, 14652),

Gene: Charles1_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Charles1_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: CharlieGBrown_12 Start: 11173, Stop: 11970, Start Num: 16
Candidate Starts for CharlieGBrown_12:
(Start: 16 @11173 has 364 MA's), (28, 11194), (32, 11206), (35, 11218), (90, 11449), (102, 11497), (118, 11569), (131, 11614), (135, 11638), (147, 11689), (168, 11743), (178, 11800), (186, 11839),

Gene: CharlottesWeb_12 Start: 11678, Stop: 12469, Start Num: 16
Candidate Starts for CharlottesWeb_12:
(Start: 16 @11678 has 364 MA's), (32, 11714), (45, 11768), (60, 11834), (92, 11972), (132, 12128), (170, 12272), (185, 12350), (198, 12413),

Gene: Charming_19 Start: 16145, Stop: 16975, Start Num: 17
Candidate Starts for Charming_19:
(Start: 17 @16145 has 52 MA's), (22, 16154), (53, 16259), (77, 16349), (90, 16403), (95, 16427), (111, 16490), (120, 16538), (126, 16565), (130, 16586), (132, 16595), (157, 16694), (170, 16742), (175, 16799), (179, 16823), (181, 16829), (193, 16898), (196, 16910), (200, 16928), (203, 16943),

Gene: CheetO_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for CheetO_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Chentzyk_14 Start: 13010, Stop: 13819, Start Num: 14
Candidate Starts for Chentzyk_14:
(Start: 14 @13010 has 50 MA's), (41, 13073), (56, 13136), (78, 13232), (88, 13280), (90, 13286), (102, 13334), (118, 13406), (127, 13436), (132, 13457), (145, 13517), (151, 13538), (170, 13604), (198, 13745), (199, 13748),

Gene: Cher_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Cher_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: CherryCola_24 Start: 14709, Stop: 15521, Start Num: 26
Candidate Starts for CherryCola_24:
(Start: 26 @14709 has 80 MA's), (47, 14790), (87, 14940), (120, 15087), (128, 15123), (155, 15237), (209, 15507),

Gene: Chickadee_21 Start: 15725, Stop: 16555, Start Num: 13
Candidate Starts for Chickadee_21:
(Start: 13 @15725 has 16 MA's), (61, 15881), (64, 15893), (86, 15971), (106, 16055), (116, 16097), (120, 16124), (143, 16226), (157, 16277), (179, 16406), (181, 16412), (185, 16433), (196, 16493), (199, 16508),

Gene: Childish_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Childish_12:

(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Chipette_14 Start: 11837, Stop: 12640, Start Num: 16
Candidate Starts for Chipette_14:
(Start: 16 @11837 has 364 MA's), (28, 11858), (32, 11870), (35, 11882), (74, 12044), (90, 12113), (102, 12161), (118, 12233), (131, 12278), (135, 12302), (147, 12353), (168, 12407), (178, 12464), (186, 12503),

Gene: Chorkpop_13 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Chorkpop_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: ChrisnMich_12 Start: 12252, Stop: 13046, Start Num: 16
Candidate Starts for ChrisnMich_12:
(Start: 16 @12252 has 364 MA's), (28, 12273), (31, 12282), (44, 12339), (56, 12384), (88, 12522), (102, 12576), (107, 12597), (112, 12618), (114, 12624), (142, 12753), (170, 12849), (173, 12867), (178, 12891), (195, 12975), (208, 13023),

Gene: Chuni_12 Start: 11618, Stop: 12415, Start Num: 16
Candidate Starts for Chuni_12:
(Start: 16 @11618 has 364 MA's), (28, 11639), (32, 11651), (35, 11663), (74, 11825), (90, 11894), (102, 11942), (118, 12014), (131, 12059), (135, 12083), (147, 12134), (168, 12188), (178, 12245), (186, 12284),

Gene: Chunky_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Chunky_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Chute_12 Start: 11617, Stop: 12414, Start Num: 16
Candidate Starts for Chute_12:
(Start: 16 @11617 has 364 MA's), (28, 11638), (32, 11650), (35, 11662), (90, 11893), (102, 11941), (118, 12013), (131, 12058), (135, 12082), (147, 12133), (168, 12187), (178, 12244), (186, 12283),

Gene: Cinna_23 Start: 15247, Stop: 16008, Start Num: 43
Candidate Starts for Cinna_23:
(27, 15178), (Start: 43 @15247 has 6 MA's), (83, 15400), (119, 15562), (133, 15646), (143, 15685), (144, 15694), (169, 15778), (170, 15781), (178, 15814), (179, 15829), (184, 15853), (192, 15901), (199, 15931), (202, 15940), (210, 15976),

Gene: ClamChowder_22 Start: 14500, Stop: 15312, Start Num: 26
Candidate Starts for ClamChowder_22:
(Start: 26 @14500 has 80 MA's), (47, 14581), (87, 14731), (120, 14878), (128, 14914), (155, 15028), (209, 15298),

Gene: Clawz_45 Start: 24999, Stop: 25766, Start Num: 16
Candidate Starts for Clawz_45:

(Start: 16 @24999 has 364 MA's), (49, 25101), (56, 25131), (67, 25161), (127, 25413), (134, 25449), (179, 25635),

Gene: ClearAsMud_30 Start: 16413, Stop: 17243, Start Num: 26
Candidate Starts for ClearAsMud_30:
(Start: 26 @16413 has 80 MA's), (Start: 55 @16524 has 2 MA's), (Start: 72 @16596 has 1 MA's), (120, 16806), (126, 16833), (131, 16857), (133, 16872), (144, 16920), (146, 16932), (179, 17079), (183, 17100), (193, 17154), (207, 17208),

Gene: CloverMinnie_14 Start: 13114, Stop: 13887, Start Num: 16
Candidate Starts for CloverMinnie_14:
(Start: 16 @13114 has 364 MA's), (56, 13246), (110, 13465), (114, 13477), (130, 13543), (132, 13552), (170, 13696), (195, 13822), (198, 13837),

Gene: Clown_24 Start: 16474, Stop: 17325, Start Num: 26
Candidate Starts for Clown_24:
(Start: 26 @16474 has 80 MA's), (32, 16492), (39, 16516), (47, 16549), (66, 16621), (81, 16684), (102, 16771), (112, 16813), (120, 16858), (146, 16984), (159, 17014), (167, 17044), (179, 17143), (187, 17170), (203, 17248), (209, 17266),

Gene: Cobra_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Cobra_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Coffee_16 Start: 14649, Stop: 15467, Start Num: 12
Candidate Starts for Coffee_16:
(Start: 12 @14649 has 38 MA's), (56, 14793), (87, 14928), (88, 14934), (103, 14994), (113, 15033), (120, 15072), (132, 15111), (158, 15207), (170, 15255), (178, 15297), (185, 15333), (199, 15399),

Gene: Colbert_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Colbert_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: ColdSoup_46 Start: 25052, Stop: 25819, Start Num: 16
Candidate Starts for ColdSoup_46:
(Start: 16 @25052 has 364 MA's), (40, 25118), (49, 25154), (93, 25325), (95, 25328), (127, 25466), (130, 25478), (137, 25508), (143, 25532), (179, 25688), (181, 25694), (190, 25733), (198, 25772), (206, 25799),

Gene: Coldpizza_14 Start: 13595, Stop: 14395, Start Num: 16
Candidate Starts for Coldpizza_14:
(Start: 16 @13595 has 364 MA's), (104, 13931), (132, 14042), (178, 14228), (187, 14270), (195, 14312),

Gene: Coletti_13 Start: 11617, Stop: 12414, Start Num: 16
Candidate Starts for Coletti_13:
(Start: 16 @11617 has 364 MA's), (28, 11638), (32, 11650), (35, 11662), (90, 11893), (102, 11941), (118, 12013), (131, 12058), (135, 12082), (147, 12133), (168, 12187), (178, 12244), (186, 12283),

Gene: Compostia_16 Start: 13573, Stop: 14382, Start Num: 14
Candidate Starts for Compostia_16:
(Start: 14 @13573 has 50 MA's), (41, 13636), (56, 13699), (78, 13795), (88, 13843), (90, 13849), (102, 13897), (118, 13969), (127, 13999), (128, 14002), (132, 14020), (145, 14080), (151, 14101), (170, 14167), (198, 14308), (199, 14311),

Gene: Cooper_13 Start: 12350, Stop: 13141, Start Num: 16
Candidate Starts for Cooper_13:
(Start: 16 @12350 has 364 MA's), (28, 12362), (31, 12371), (44, 12428), (56, 12473), (73, 12551), (88, 12611), (102, 12665), (107, 12686), (112, 12707), (114, 12713), (142, 12842), (147, 12869), (168, 12929), (170, 12944), (173, 12962), (178, 12986), (187, 13028), (208, 13118),

Gene: Cornbread_12 Start: 11306, Stop: 12109, Start Num: 16
Candidate Starts for Cornbread_12:
(Start: 16 @11306 has 364 MA's), (28, 11327), (32, 11339), (35, 11351), (74, 11513), (90, 11582), (102, 11630), (118, 11702), (131, 11747), (135, 11771), (147, 11822), (168, 11876), (178, 11933), (186, 11972),

Gene: Cornobble_12 Start: 11150, Stop: 11953, Start Num: 16
Candidate Starts for Cornobble_12:
(Start: 16 @11150 has 364 MA's), (28, 11171), (32, 11183), (35, 11195), (74, 11357), (90, 11426), (102, 11474), (118, 11546), (131, 11591), (135, 11615), (147, 11666), (168, 11720), (178, 11777), (186, 11816),

Gene: Corofin_15 Start: 13165, Stop: 13974, Start Num: 14
Candidate Starts for Corofin_15:
(Start: 14 @13165 has 50 MA's), (41, 13228), (56, 13291), (78, 13387), (88, 13435), (90, 13441), (102, 13489), (118, 13561), (127, 13591), (128, 13594), (132, 13612), (145, 13672), (151, 13693), (170, 13759), (198, 13900), (199, 13903),

Gene: Cosmolli16_12 Start: 11307, Stop: 12110, Start Num: 16
Candidate Starts for Cosmolli16_12:
(Start: 16 @11307 has 364 MA's), (28, 11328), (32, 11340), (35, 11352), (74, 11514), (90, 11583), (102, 11631), (118, 11703), (131, 11748), (135, 11772), (147, 11823), (168, 11877), (178, 11934), (186, 11973),

Gene: CoveyB_22 Start: 14345, Stop: 15157, Start Num: 26
Candidate Starts for CoveyB_22:
(Start: 26 @14345 has 80 MA's), (47, 14426), (87, 14576), (120, 14723), (128, 14759), (155, 14873), (209, 15143),

Gene: Craff_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Craff_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Cranjis_29 Start: 15847, Stop: 16677, Start Num: 26
Candidate Starts for Cranjis_29:
(Start: 26 @15847 has 80 MA's), (Start: 55 @15958 has 2 MA's), (Start: 72 @16030 has 1 MA's), (90, 16090), (120, 16240), (126, 16267), (131, 16291), (133, 16306), (143, 16345), (144, 16354), (146, 16366), (193, 16588), (207, 16642),

Gene: CrazyRich_27 Start: 15657, Stop: 16487, Start Num: 26
Candidate Starts for CrazyRich_27:
(Start: 26 @15657 has 80 MA's), (Start: 55 @15768 has 2 MA's), (Start: 72 @15840 has 1 MA's), (90, 15900), (120, 16050), (126, 16077), (131, 16101), (133, 16116), (143, 16155), (144, 16164), (146, 16176), (193, 16398), (207, 16452),

Gene: Cressida_25 Start: 15291, Stop: 16052, Start Num: 43
Candidate Starts for Cressida_25:
(27, 15222), (Start: 43 @15291 has 6 MA's), (83, 15444), (119, 15606), (126, 15651), (133, 15690), (143, 15729), (144, 15738), (169, 15822), (170, 15825), (178, 15858), (179, 15873), (184, 15897), (199, 15975), (202, 15984), (210, 16020),

Gene: Crisis_29 Start: 15642, Stop: 16472, Start Num: 26
Candidate Starts for Crisis_29:
(Start: 26 @15642 has 80 MA's), (Start: 55 @15753 has 2 MA's), (Start: 72 @15825 has 1 MA's), (90, 15885), (120, 16035), (131, 16086), (133, 16101), (143, 16140), (144, 16149), (146, 16161), (193, 16383), (207, 16437),

Gene: Crownjwl_13 Start: 11387, Stop: 12190, Start Num: 16
Candidate Starts for Crownjwl_13:
(Start: 16 @11387 has 364 MA's), (28, 11408), (32, 11420), (35, 11432), (74, 11594), (90, 11663), (102, 11711), (118, 11783), (131, 11828), (135, 11852), (147, 11903), (168, 11957), (178, 12014), (186, 12053),

Gene: D12_10 Start: 12708, Stop: 13484, Start Num: 16
Candidate Starts for D12_10:
(Start: 16 @12708 has 364 MA's), (32, 12729), (33, 12732), (38, 12750), (45, 12783), (58, 12837), (60, 12843), (69, 12876), (102, 13023), (108, 13047), (109, 13053), (130, 13137), (149, 13221), (163, 13263), (185, 13368), (188, 13374), (199, 13434),

Gene: DaddyDaniels_13 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for DaddyDaniels_13:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Daffy_13 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Daffy_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Daisy_15 Start: 13161, Stop: 13970, Start Num: 14
Candidate Starts for Daisy_15:
(Start: 14 @13161 has 50 MA's), (41, 13224), (56, 13287), (78, 13383), (88, 13431), (90, 13437), (102, 13485), (118, 13557), (127, 13587), (128, 13590), (132, 13608), (145, 13668), (151, 13689), (170, 13755), (198, 13896), (199, 13899),

Gene: Daka_13 Start: 11605, Stop: 12402, Start Num: 16
Candidate Starts for Daka_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Danyall_22 Start: 14345, Stop: 15157, Start Num: 26
Candidate Starts for Danyall_22:
(Start: 26 @14345 has 80 MA's), (47, 14426), (87, 14576), (120, 14723), (128, 14759), (155, 14873), (209, 15143),

Gene: Dati_13 Start: 11303, Stop: 12106, Start Num: 16
Candidate Starts for Dati_13:
(Start: 16 @11303 has 364 MA's), (28, 11324), (32, 11336), (35, 11348), (74, 11510), (90, 11579), (102, 11627), (118, 11699), (131, 11744), (135, 11768), (147, 11819), (168, 11873), (178, 11930), (186, 11969),

Gene: Deenasa_15 Start: 13903, Stop: 14712, Start Num: 14
Candidate Starts for Deenasa_15:
(Start: 14 @13903 has 50 MA's), (41, 13966), (56, 14029), (78, 14125), (88, 14173), (90, 14179), (102, 14227), (118, 14299), (127, 14329), (132, 14350), (145, 14410), (151, 14431), (170, 14497), (198, 14638), (199, 14641),

Gene: DelRivs_12 Start: 11308, Stop: 12111, Start Num: 16
Candidate Starts for DelRivs_12:
(Start: 16 @11308 has 364 MA's), (28, 11329), (32, 11341), (35, 11353), (74, 11515), (90, 11584), (102, 11632), (118, 11704), (131, 11749), (135, 11773), (147, 11824), (168, 11878), (178, 11935), (186, 11974),

Gene: Delrey21_22 Start: 17000, Stop: 17824, Start Num: 25
Candidate Starts for Delrey21_22:
(Start: 25 @17000 has 9 MA's), (Start: 43 @17072 has 6 MA's), (90, 17255), (98, 17282), (105, 17312), (120, 17384), (125, 17405), (143, 17486), (157, 17537), (164, 17558), (170, 17585), (175, 17642), (179, 17666), (181, 17672), (183, 17687), (185, 17693), (201, 17774), (203, 17786),

Gene: Derg_17 Start: 16357, Stop: 17184, Start Num: 17
Candidate Starts for Derg_17:
(Start: 17 @16357 has 52 MA's), (22, 16366), (53, 16468), (77, 16558), (83, 16582), (111, 16699), (120, 16747), (131, 16798), (143, 16852), (157, 16903), (162, 16921), (170, 16951), (172, 16972), (175, 17008), (181, 17038), (183, 17053), (196, 17119), (200, 17137), (203, 17152), (209, 17170),

Gene: Derpp_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for Derpp_12:
(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Devonte_15 Start: 13140, Stop: 13949, Start Num: 14
Candidate Starts for Devonte_15:
(Start: 14 @13140 has 50 MA's), (41, 13203), (56, 13266), (78, 13362), (88, 13410), (90, 13416), (102, 13464), (118, 13536), (127, 13566), (132, 13587), (145, 13647), (151, 13668), (170, 13734), (198, 13875), (199, 13878),

Gene: Dewdrop_62 Start: 32410, Stop: 33225, Start Num: 26
Candidate Starts for Dewdrop_62:
(Start: 26 @32410 has 80 MA's), (Start: 43 @32482 has 6 MA's), (Start: 55 @32524 has 2 MA's), (80, 32614), (82, 32623), (125, 32800), (146, 32899), (170, 32977), (180, 33028),

Gene: Dexdert_22 Start: 16169, Stop: 16999, Start Num: 13

Candidate Starts for Dexdert_22:
(Start: 13 @16169 has 16 MA's), (61, 16325), (64, 16337), (106, 16499), (116, 16541), (120, 16568), (143, 16670), (157, 16721), (179, 16850), (181, 16856), (185, 16877), (196, 16937), (199, 16952),

Gene: Dice_12 Start: 11308, Stop: 12105, Start Num: 16
Candidate Starts for Dice_12:
(Start: 16 @11308 has 364 MA's), (28, 11329), (32, 11341), (35, 11353), (74, 11515), (90, 11584), (102, 11632), (118, 11704), (131, 11749), (135, 11773), (147, 11824), (168, 11878), (178, 11935), (186, 11974),

Gene: DigitDog_14 Start: 13334, Stop: 14140, Start Num: 16
Candidate Starts for DigitDog_14:
(Start: 16 @13334 has 364 MA's), (48, 13424), (89, 13628), (109, 13709), (118, 13751), (133, 13814), (137, 13826), (152, 13886), (170, 13943), (178, 13985), (194, 14063), (208, 14117),

Gene: Dingo_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Dingo_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Dione_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Dione_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: DirtJuice_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for DirtJuice_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: DoctorFroggo_22 Start: 17000, Stop: 17824, Start Num: 25
Candidate Starts for DoctorFroggo_22:
(Start: 25 @17000 has 9 MA's), (Start: 43 @17072 has 6 MA's), (90, 17255), (98, 17282), (105, 17312), (120, 17384), (125, 17405), (143, 17486), (157, 17537), (164, 17558), (170, 17585), (175, 17642), (179, 17666), (181, 17672), (183, 17687), (185, 17693), (201, 17774), (203, 17786),

Gene: Doddsville_13 Start: 11303, Stop: 12106, Start Num: 16
Candidate Starts for Doddsville_13:
(Start: 16 @11303 has 364 MA's), (28, 11324), (32, 11336), (35, 11348), (74, 11510), (90, 11579), (102, 11627), (118, 11699), (131, 11744), (135, 11768), (147, 11819), (168, 11873), (178, 11930), (186, 11969),

Gene: DoesntMatter_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for DoesntMatter_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: DolOn_14 Start: 11837, Stop: 12640, Start Num: 16
Candidate Starts for DolOn_14:

(Start: 16 @11837 has 364 MA's), (28, 11858), (32, 11870), (35, 11882), (74, 12044), (90, 12113), (102, 12161), (118, 12233), (131, 12278), (135, 12302), (147, 12353), (168, 12407), (178, 12464), (186, 12503),

Gene: DonSanchon_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for DonSanchon_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: DonTron_45 Start: 25122, Stop: 25889, Start Num: 16
Candidate Starts for DonTron_45:
(Start: 16 @25122 has 364 MA's), (40, 25188), (49, 25224), (93, 25395), (95, 25398), (130, 25548), (143, 25602), (179, 25758), (181, 25764), (198, 25842), (206, 25869),

Gene: Donny_14 Start: 13351, Stop: 14157, Start Num: 16
Candidate Starts for Donny_14:
(Start: 16 @13351 has 364 MA's), (29, 13366), (37, 13393), (48, 13441), (109, 13726), (118, 13768), (122, 13786), (128, 13804), (133, 13831), (137, 13843), (152, 13903), (170, 13960), (173, 13978), (178, 14002), (187, 14044), (194, 14080),

Gene: Dori_11 Start: 10375, Stop: 11223, Start Num: 16
Candidate Starts for Dori_11:
(Start: 16 @10375 has 364 MA's), (Start: 26 @10390 has 80 MA's), (56, 10501), (60, 10513), (69, 10546), (90, 10648), (102, 10696), (114, 10744), (118, 10768), (130, 10810), (135, 10837), (156, 10912), (161, 10918), (168, 10948), (170, 10963), (173, 10981), (187, 11047), (189, 11059), (194, 11083), (198, 11104), (208, 11137),

Gene: DuchessDung_12 Start: 11155, Stop: 11952, Start Num: 16
Candidate Starts for DuchessDung_12:
(Start: 16 @11155 has 364 MA's), (28, 11176), (32, 11188), (35, 11200), (90, 11431), (102, 11479), (118, 11551), (131, 11596), (135, 11620), (147, 11671), (168, 11725), (178, 11782), (186, 11821),

Gene: Duggie_12 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for Duggie_12:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Durga_13 Start: 11616, Stop: 12413, Start Num: 16
Candidate Starts for Durga_13:
(Start: 16 @11616 has 364 MA's), (28, 11637), (32, 11649), (35, 11661), (74, 11823), (90, 11892), (102, 11940), (118, 12012), (131, 12057), (135, 12081), (147, 12132), (168, 12186), (178, 12243), (186, 12282),

Gene: EMoore_17 Start: 15039, Stop: 15869, Start Num: 13
Candidate Starts for EMoore_17:
(Start: 13 @15039 has 16 MA's), (15, 15045), (28, 15072), (30, 15078), (Start: 43 @15132 has 6 MA's), (90, 15303), (91, 15315), (111, 15390), (120, 15438), (131, 15486), (143, 15540), (160, 15594), (170, 15639), (175, 15696), (196, 15807),

Gene: Eaglehorse_16 Start: 14556, Stop: 15374, Start Num: 12
Candidate Starts for Eaglehorse_16:

(Start: 12 @14556 has 38 MA's), (56, 14700), (75, 14781), (87, 14835), (88, 14841), (103, 14901), (113, 14940), (120, 14979), (132, 15018), (158, 15114), (170, 15162), (178, 15204), (185, 15240), (199, 15306),

Gene: EarickHC_28 Start: 15751, Stop: 16398, Start Num: 72
Candidate Starts for EarickHC_28:
(Start: 26 @15568 has 80 MA's), (Start: 55 @15679 has 2 MA's), (Start: 72 @15751 has 1 MA's), (90, 15811), (120, 15961), (131, 16012), (133, 16027), (143, 16066), (144, 16075), (146, 16087), (193, 16309), (207, 16363),

Gene: EastView9101_14 Start: 13358, Stop: 14164, Start Num: 16
Candidate Starts for EastView9101_14:
(Start: 16 @13358 has 364 MA's), (29, 13373), (37, 13400), (48, 13448), (90, 13655), (102, 13703), (109, 13733), (118, 13775), (122, 13793), (128, 13811), (133, 13838), (137, 13850), (152, 13910), (170, 13967), (178, 14009), (194, 14087),

Gene: EdmundFerry_20 Start: 15753, Stop: 16583, Start Num: 13
Candidate Starts for EdmundFerry_20:
(Start: 13 @15753 has 16 MA's), (61, 15909), (64, 15921), (86, 15999), (106, 16083), (116, 16125), (120, 16152), (143, 16254), (146, 16275), (157, 16305), (179, 16434), (181, 16440), (185, 16461), (196, 16521),

Gene: Egi03_20 Start: 13961, Stop: 14773, Start Num: 26
Candidate Starts for Egi03_20:
(Start: 26 @13961 has 80 MA's), (47, 14042), (87, 14192), (120, 14339), (128, 14375), (155, 14489), (209, 14759),

Gene: ElvisPhasley_13 Start: 11603, Stop: 12406, Start Num: 16
Candidate Starts for ElvisPhasley_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: Emiris_13 Start: 11603, Stop: 12400, Start Num: 16
Candidate Starts for Emiris_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: EmpTee_13 Start: 11603, Stop: 12400, Start Num: 16
Candidate Starts for EmpTee_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: Epah_12 Start: 12252, Stop: 13046, Start Num: 16
Candidate Starts for Epah_12:
(Start: 16 @12252 has 364 MA's), (28, 12273), (31, 12282), (44, 12339), (56, 12384), (88, 12522), (102, 12576), (107, 12597), (112, 12618), (114, 12624), (132, 12711), (142, 12753), (170, 12849), (173, 12867), (178, 12891), (187, 12933), (195, 12975), (208, 13023),

Gene: Eremos_13 Start: 11596, Stop: 12399, Start Num: 16
Candidate Starts for Eremos_13:

(Start: 16 @11596 has 364 MA's), (28, 11617), (32, 11629), (35, 11641), (74, 11803), (90, 11872), (102, 11920), (118, 11992), (131, 12037), (135, 12061), (147, 12112), (168, 12166), (178, 12223), (186, 12262),

Gene: Etaye_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for Etaye_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Eugenia_13 Start: 11603, Stop: 12400, Start Num: 16
Candidate Starts for Eugenia_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: Evaa_13 Start: 12976, Stop: 13755, Start Num: 16
Candidate Starts for Evaa_13:
(Start: 16 @12976 has 364 MA's), (104, 13312), (132, 13420), (161, 13519), (170, 13564), (178, 13606), (187, 13648),

Gene: Evamon_20 Start: 13832, Stop: 14644, Start Num: 26
Candidate Starts for Evamon_20:
(Start: 26 @13832 has 80 MA's), (47, 13913), (87, 14063), (120, 14210), (128, 14246), (155, 14360), (209, 14630),

Gene: Fanaw_13 Start: 13346, Stop: 14140, Start Num: 16
Candidate Starts for Fanaw_13:
(Start: 16 @13346 has 364 MA's), (28, 13367), (56, 13478), (88, 13616), (107, 13691), (114, 13718), (118, 13742), (132, 13805), (142, 13847), (170, 13943), (171, 13946), (178, 13985), (187, 14027), (195, 14069), (208, 14117),

Gene: Fang_13 Start: 11606, Stop: 12403, Start Num: 16
Candidate Starts for Fang_13:
(Start: 16 @11606 has 364 MA's), (28, 11627), (32, 11639), (35, 11651), (74, 11813), (90, 11882), (102, 11930), (118, 12002), (131, 12047), (135, 12071), (147, 12122), (168, 12176), (178, 12233), (186, 12272),

Gene: Faze9_16 Start: 14649, Stop: 15467, Start Num: 12
Candidate Starts for Faze9_16:
(Start: 12 @14649 has 38 MA's), (56, 14793), (75, 14874), (87, 14928), (88, 14934), (103, 14994), (113, 15033), (120, 15072), (132, 15111), (158, 15207), (170, 15255), (178, 15297), (185, 15333), (199, 15399),

Gene: FelixTres_14 Start: 13114, Stop: 13887, Start Num: 16
Candidate Starts for FelixTres_14:
(Start: 16 @13114 has 364 MA's), (56, 13246), (114, 13477), (130, 13543), (132, 13552), (170, 13696), (195, 13822), (198, 13837),

Gene: Fireball_21 Start: 13964, Stop: 14776, Start Num: 26
Candidate Starts for Fireball_21:
(Start: 26 @13964 has 80 MA's), (47, 14045), (87, 14195), (120, 14342), (128, 14378), (155, 14492), (209, 14762),

Gene: Fireman_28 Start: 15540, Stop: 16349, Start Num: 26
Candidate Starts for Fireman_28:
(Start: 26 @15540 has 80 MA's), (54, 15642), (Start: 55 @15651 has 2 MA's), (57, 15660), (71, 15720), (Start: 72 @15723 has 1 MA's), (90, 15783), (119, 15918), (123, 15957), (143, 16041), (144, 16050), (183, 16206), (193, 16260), (207, 16314), (211, 16338),

Gene: Fitzgerald_19 Start: 16571, Stop: 17401, Start Num: 17
Candidate Starts for Fitzgerald_19:
(Start: 17 @16571 has 52 MA's), (22, 16580), (53, 16685), (77, 16775), (90, 16829), (95, 16853), (111, 16916), (120, 16964), (157, 17120), (170, 17168), (175, 17225), (179, 17249), (181, 17255), (193, 17324), (196, 17336), (200, 17354), (203, 17369),

Gene: Flake_14 Start: 11619, Stop: 12416, Start Num: 16
Candidate Starts for Flake_14:
(Start: 16 @11619 has 364 MA's), (28, 11640), (32, 11652), (35, 11664), (74, 11826), (90, 11895), (102, 11943), (118, 12015), (131, 12060), (135, 12084), (147, 12135), (168, 12189), (178, 12246), (186, 12285),

Gene: Flatwoods_22 Start: 16784, Stop: 17611, Start Num: 17
Candidate Starts for Flatwoods_22:
(Start: 17 @16784 has 52 MA's), (22, 16793), (53, 16895), (77, 16985), (83, 17009), (111, 17126), (120, 17174), (131, 17225), (143, 17279), (157, 17330), (162, 17348), (170, 17378), (172, 17399), (175, 17435), (181, 17465), (183, 17480), (196, 17546), (200, 17564), (203, 17579), (209, 17597),

Gene: FleetyMac_12 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for FleetyMac_12:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: FluffyNinja_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for FluffyNinja_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: ForDig_11 Start: 11818, Stop: 12585, Start Num: 16
Candidate Starts for ForDig_11:
(Start: 16 @11818 has 364 MA's), (28, 11839), (107, 12154), (127, 12235), (132, 12256), (170, 12394), (173, 12412), (189, 12490), (195, 12520),

Gene: Fortunato_13 Start: 13340, Stop: 14134, Start Num: 16
Candidate Starts for Fortunato_13:
(Start: 16 @13340 has 364 MA's), (28, 13361), (56, 13472), (88, 13610), (102, 13664), (107, 13685), (112, 13706), (114, 13712), (132, 13799), (142, 13841), (170, 13937), (171, 13940), (178, 13979), (187, 14021), (195, 14063), (208, 14111),

Gene: Fosterous_19 Start: 17034, Stop: 17864, Start Num: 17
Candidate Starts for Fosterous_19:
(Start: 17 @17034 has 52 MA's), (22, 17043), (53, 17148), (66, 17196), (77, 17238), (83, 17262), (90, 17292), (95, 17316), (111, 17379), (120, 17427), (157, 17583), (170, 17631), (175, 17688), (179, 17712), (181, 17718), (193, 17787), (196, 17799), (200, 17817), (203, 17832),

Gene: Fozzie_12 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for Fozzie_12:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Frankicide_13 Start: 11604, Stop: 12407, Start Num: 16
Candidate Starts for Frankicide_13:
(Start: 16 @11604 has 364 MA's), (28, 11625), (32, 11637), (35, 11649), (74, 11811), (90, 11880), (102, 11928), (118, 12000), (131, 12045), (135, 12069), (147, 12120), (168, 12174), (178, 12231), (186, 12270),

Gene: Frederick_13 Start: 13346, Stop: 14140, Start Num: 16
Candidate Starts for Frederick_13:
(Start: 16 @13346 has 364 MA's), (28, 13367), (32, 13379), (56, 13478), (88, 13616), (102, 13670), (107, 13691), (112, 13712), (114, 13718), (132, 13805), (142, 13847), (170, 13943), (178, 13985), (187, 14027), (195, 14069), (208, 14117),

Gene: FremontTroll_13 Start: 11307, Stop: 12104, Start Num: 16
Candidate Starts for FremontTroll_13:
(Start: 16 @11307 has 364 MA's), (28, 11328), (32, 11340), (35, 11352), (74, 11514), (90, 11583), (102, 11631), (118, 11703), (131, 11748), (135, 11772), (147, 11823), (168, 11877), (178, 11934), (186, 11973),

Gene: FrenchFry_16 Start: 14652, Stop: 15470, Start Num: 12
Candidate Starts for FrenchFry_16:
(Start: 12 @14652 has 38 MA's), (56, 14796), (58, 14802), (75, 14877), (87, 14931), (88, 14937), (103, 14997), (113, 15036), (120, 15075), (132, 15114), (158, 15210), (170, 15258), (178, 15300), (185, 15336), (199, 15402),

Gene: Fresco_12 Start: 11636, Stop: 12418, Start Num: 16
Candidate Starts for Fresco_12:
(Start: 16 @11636 has 364 MA's), (24, 11648), (45, 11726), (178, 12272), (179, 12287), (185, 12308), (194, 12350), (195, 12356), (205, 12395),

Gene: Freya_12 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for Freya_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: FriarPreacher_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for FriarPreacher_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Fringe_13 Start: 11603, Stop: 12400, Start Num: 16
Candidate Starts for Fringe_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: FuegoCuervo_24 Start: 16323, Stop: 17153, Start Num: 17
Candidate Starts for FuegoCuervo_24:
(Start: 17 @16323 has 52 MA's), (22, 16332), (53, 16437), (77, 16527), (83, 16551), (90, 16581), (95, 16605), (111, 16668), (120, 16716), (126, 16743), (132, 16773), (157, 16872), (170, 16920), (175, 16977), (181, 17007), (193, 17076), (196, 17088), (200, 17106), (203, 17121),

Gene: FugateOSU_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for FugateOSU_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Fugax_22 Start: 14500, Stop: 15312, Start Num: 26
Candidate Starts for Fugax_22:
(Start: 26 @14500 has 80 MA's), (47, 14581), (87, 14731), (120, 14878), (128, 14914), (155, 15028), (209, 15298),

Gene: Funsized_18 Start: 15411, Stop: 16229, Start Num: 16
Candidate Starts for Funsized_18:
(Start: 16 @15411 has 364 MA's), (28, 15441), (32, 15453), (51, 15531), (90, 15699), (97, 15729), (115, 15804), (132, 15876), (141, 15915), (152, 15960), (156, 15966), (163, 15987), (166, 15993), (185, 16104), (198, 16167),

Gene: FuzzBuster_33 Start: 16274, Stop: 17122, Start Num: 26
Candidate Starts for FuzzBuster_33:
(4, 16175), (Start: 26 @16274 has 80 MA's), (32, 16301), (Start: 72 @16463 has 1 MA's), (128, 16700), (135, 16736), (143, 16766), (167, 16847), (184, 16940), (204, 17036), (213, 17087),

Gene: GTE6_21 Start: 16242, Stop: 17072, Start Num: 13
Candidate Starts for GTE6_21:
(Start: 13 @16242 has 16 MA's), (61, 16398), (64, 16410), (86, 16488), (106, 16572), (116, 16614), (120, 16641), (143, 16743), (157, 16794), (179, 16923), (181, 16929), (185, 16950), (196, 17010), (199, 17025), (203, 17043),

Gene: Gadjet_16 Start: 13144, Stop: 13953, Start Num: 14
Candidate Starts for Gadjet_16:
(Start: 14 @13144 has 50 MA's), (41, 13207), (56, 13270), (78, 13366), (88, 13414), (90, 13420), (102, 13468), (118, 13540), (127, 13570), (132, 13591), (145, 13651), (151, 13672), (170, 13738), (198, 13879), (199, 13882),

Gene: Gaea_21 Start: 16472, Stop: 17299, Start Num: 17
Candidate Starts for Gaea_21:
(Start: 17 @16472 has 52 MA's), (22, 16481), (53, 16583), (77, 16673), (111, 16814), (120, 16862), (131, 16913), (143, 16967), (157, 17018), (162, 17036), (170, 17066), (172, 17087), (175, 17123), (181, 17153), (196, 17234), (200, 17252), (203, 17267),

Gene: Galadriel_23 Start: 16884, Stop: 17714, Start Num: 17
Candidate Starts for Galadriel_23:
(Start: 17 @16884 has 52 MA's), (22, 16893), (53, 16998), (77, 17088), (90, 17142), (95, 17166), (111, 17229), (120, 17277), (126, 17304), (132, 17334), (157, 17433), (170, 17481), (175, 17538), (179, 17562), (181, 17568), (193, 17637), (196, 17649), (200, 17667), (203, 17682),

Gene: Ganandorf_27 Start: 15815, Stop: 16534, Start Num: 55
Candidate Starts for Ganandorf_27:
(Start: 26 @15704 has 80 MA's), (Start: 55 @15815 has 2 MA's), (Start: 72 @15887 has 1 MA's), (90, 15947), (120, 16097), (126, 16124), (131, 16148), (133, 16163), (143, 16202), (144, 16211), (146, 16223), (193, 16445), (207, 16499),

Gene: Gareth_12 Start: 11306, Stop: 12103, Start Num: 16
Candidate Starts for Gareth_12:
(Start: 16 @11306 has 364 MA's), (28, 11327), (32, 11339), (35, 11351), (74, 11513), (90, 11582), (102, 11630), (118, 11702), (131, 11747), (135, 11771), (147, 11822), (168, 11876), (178, 11933), (186, 11972),

Gene: GeneCoco_13 Start: 11608, Stop: 12405, Start Num: 16
Candidate Starts for GeneCoco_13:
(Start: 16 @11608 has 364 MA's), (28, 11629), (32, 11641), (35, 11653), (74, 11815), (90, 11884), (102, 11932), (118, 12004), (131, 12049), (135, 12073), (147, 12124), (168, 12178), (178, 12235), (186, 12274),

Gene: Geodirt_20 Start: 17101, Stop: 17931, Start Num: 17
Candidate Starts for Geodirt_20:
(Start: 17 @17101 has 52 MA's), (22, 17110), (53, 17215), (77, 17305), (83, 17329), (90, 17359), (95, 17383), (111, 17446), (120, 17494), (126, 17521), (157, 17650), (170, 17698), (175, 17755), (181, 17785), (193, 17854), (196, 17866), (200, 17884), (203, 17899),

Gene: Gervas_15 Start: 13123, Stop: 13932, Start Num: 14
Candidate Starts for Gervas_15:
(Start: 14 @13123 has 50 MA's), (41, 13186), (56, 13249), (78, 13345), (88, 13393), (90, 13399), (102, 13447), (118, 13519), (127, 13549), (132, 13570), (145, 13630), (151, 13651), (170, 13717), (198, 13858), (199, 13861),

Gene: Gezellig_20 Start: 13964, Stop: 14776, Start Num: 26
Candidate Starts for Gezellig_20:
(Start: 26 @13964 has 80 MA's), (47, 14045), (87, 14195), (120, 14342), (128, 14378), (155, 14492), (209, 14762),

Gene: GinPorsche_12 Start: 12252, Stop: 13046, Start Num: 16
Candidate Starts for GinPorsche_12:
(Start: 16 @12252 has 364 MA's), (28, 12273), (31, 12282), (44, 12339), (56, 12384), (88, 12522), (102, 12576), (107, 12597), (112, 12618), (114, 12624), (132, 12711), (142, 12753), (170, 12849), (173, 12867), (178, 12891), (187, 12933), (195, 12975), (208, 13023),

Gene: Gina_29 Start: 15204, Stop: 16019, Start Num: 26
Candidate Starts for Gina_29:
(Start: 26 @15204 has 80 MA's), (54, 15306), (Start: 55 @15315 has 2 MA's), (57, 15324), (71, 15384), (119, 15582), (123, 15621), (133, 15666), (143, 15705), (144, 15714), (183, 15870), (193, 15924), (207, 15978),

Gene: Giraffe_13 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for Giraffe_13:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Glass_16 Start: 14652, Stop: 15470, Start Num: 12
Candidate Starts for Glass_16:
(Start: 12 @14652 has 38 MA's), (56, 14796), (58, 14802), (87, 14931), (88, 14937), (103, 14997), (113, 15036), (120, 15075), (132, 15114), (158, 15210), (170, 15258), (178, 15300), (185, 15336), (199, 15402),

Gene: GlenHope_16 Start: 13130, Stop: 13939, Start Num: 14
Candidate Starts for GlenHope_16:
(Start: 14 @13130 has 50 MA's), (41, 13193), (56, 13256), (78, 13352), (88, 13400), (90, 13406), (102, 13454), (118, 13526), (127, 13556), (132, 13577), (145, 13637), (151, 13658), (170, 13724), (198, 13865), (199, 13868),

Gene: Glorp_29 Start: 15705, Stop: 16535, Start Num: 26
Candidate Starts for Glorp_29:
(Start: 26 @15705 has 80 MA's), (Start: 55 @15816 has 2 MA's), (Start: 72 @15888 has 1 MA's), (90, 15948), (120, 16098), (126, 16125), (131, 16149), (133, 16164), (143, 16203), (144, 16212), (146, 16224), (193, 16446), (207, 16500),

Gene: Glubnar_15 Start: 13144, Stop: 13953, Start Num: 14
Candidate Starts for Glubnar_15:
(Start: 14 @13144 has 50 MA's), (41, 13207), (56, 13270), (78, 13366), (88, 13414), (90, 13420), (102, 13468), (118, 13540), (127, 13570), (132, 13591), (145, 13651), (151, 13672), (170, 13738), (198, 13879), (199, 13882),

Gene: GodPhather_11 Start: 12988, Stop: 13764, Start Num: 16
Candidate Starts for GodPhather_11:
(Start: 16 @12988 has 364 MA's), (32, 13009), (33, 13012), (38, 13030), (45, 13063), (58, 13117), (60, 13123), (69, 13156), (102, 13303), (108, 13327), (109, 13333), (130, 13417), (149, 13501), (163, 13543), (185, 13648), (188, 13654), (199, 13714),

Gene: Godines_16 Start: 14535, Stop: 15353, Start Num: 12
Candidate Starts for Godines_16:
(Start: 12 @14535 has 38 MA's), (56, 14679), (87, 14814), (88, 14820), (103, 14880), (113, 14919), (120, 14958), (132, 14997), (158, 15093), (170, 15141), (178, 15183), (185, 15219), (199, 15285),

Gene: Gophee_13 Start: 11605, Stop: 12402, Start Num: 16
Candidate Starts for Gophee_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Grand2040_12 Start: 11307, Stop: 12110, Start Num: 16
Candidate Starts for Grand2040_12:
(Start: 16 @11307 has 364 MA's), (28, 11328), (32, 11340), (35, 11352), (74, 11514), (90, 11583), (102, 11631), (118, 11703), (131, 11748), (135, 11772), (147, 11823), (168, 11877), (178, 11934), (186, 11973),

Gene: GreenChile_13 Start: 11604, Stop: 12407, Start Num: 16
Candidate Starts for GreenChile_13:
(Start: 16 @11604 has 364 MA's), (28, 11625), (32, 11637), (35, 11649), (74, 11811), (90, 11880), (102, 11928), (118, 12000), (131, 12045), (135, 12069), (147, 12120), (168, 12174), (178, 12231), (186, 12270),

Gene: Grumio_45 Start: 24560, Stop: 25327, Start Num: 16
Candidate Starts for Grumio_45:
(Start: 16 @24560 has 364 MA's), (40, 24626), (49, 24662), (93, 24833), (95, 24836), (130, 24986), (143, 25040), (179, 25196), (181, 25202), (198, 25280), (206, 25307),

Gene: Gustavo_21 Start: 16571, Stop: 17398, Start Num: 17
Candidate Starts for Gustavo_21:
(Start: 17 @16571 has 52 MA's), (22, 16580), (53, 16682), (77, 16772), (111, 16913), (120, 16961), (131, 17012), (143, 17066), (157, 17117), (162, 17135), (170, 17165), (172, 17186), (175, 17222), (181, 17252), (196, 17333), (200, 17351), (203, 17366),

Gene: Gwennie1_13 Start: 11620, Stop: 12417, Start Num: 16
Candidate Starts for Gwennie1_13:
(Start: 16 @11620 has 364 MA's), (28, 11641), (32, 11653), (35, 11665), (90, 11896), (102, 11944), (118, 12016), (131, 12061), (135, 12085), (147, 12136), (168, 12190), (178, 12247), (186, 12286),

Gene: Gwilliam_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Gwilliam_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Gyarad_0013 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Gyarad_0013:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: HSavage_13 Start: 11604, Stop: 12407, Start Num: 16
Candidate Starts for HSavage_13:
(Start: 16 @11604 has 364 MA's), (28, 11625), (32, 11637), (35, 11649), (74, 11811), (90, 11880), (102, 11928), (118, 12000), (131, 12045), (135, 12069), (147, 12120), (168, 12174), (178, 12231), (186, 12270),

Gene: Haimas_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Haimas_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Haleema_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Haleema_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Halfpint_14 Start: 12965, Stop: 13774, Start Num: 14
Candidate Starts for Halfpint_14:
(Start: 14 @12965 has 50 MA's), (41, 13028), (56, 13091), (78, 13187), (88, 13235), (90, 13241), (102, 13289), (118, 13361), (127, 13391), (132, 13412), (145, 13472), (151, 13493), (170, 13559), (198, 13700), (199, 13703),

Gene: Hally898_12 Start: 12252, Stop: 13046, Start Num: 16

Candidate Starts for Hally898_12:
(Start: 16 @12252 has 364 MA's), (28, 12273), (31, 12282), (44, 12339), (56, 12384), (88, 12522), (102, 12576), (107, 12597), (112, 12618), (114, 12624), (132, 12711), (142, 12753), (170, 12849), (173, 12867), (178, 12891), (187, 12933), (195, 12975), (208, 13023),

Gene: Halo3_21 Start: 14285, Stop: 15097, Start Num: 26
Candidate Starts for Halo3_21:
(Start: 26 @14285 has 80 MA's), (47, 14366), (87, 14516), (116, 14636), (120, 14663), (155, 14813), (179, 14945), (209, 15083),

Gene: Hamish_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Hamish_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Hangman_13 Start: 13346, Stop: 14140, Start Num: 16
Candidate Starts for Hangman_13:
(Start: 16 @13346 has 364 MA's), (28, 13367), (32, 13379), (56, 13478), (88, 13616), (102, 13670), (107, 13691), (112, 13712), (114, 13718), (118, 13742), (132, 13805), (142, 13847), (170, 13943), (178, 13985), (187, 14027), (195, 14069), (208, 14117),

Gene: Hans_24 Start: 17335, Stop: 18165, Start Num: 13
Candidate Starts for Hans_24:
(Start: 13 @17335 has 16 MA's), (15, 17341), (28, 17368), (30, 17374), (Start: 43 @17428 has 6 MA's), (90, 17599), (91, 17611), (111, 17686), (120, 17734), (143, 17836), (160, 17890), (170, 17935), (175, 17992), (196, 18103),

Gene: Happabalu_13 Start: 11302, Stop: 12099, Start Num: 16
Candidate Starts for Happabalu_13:
(Start: 16 @11302 has 364 MA's), (28, 11323), (32, 11335), (35, 11347), (74, 11509), (90, 11578), (102, 11626), (118, 11698), (131, 11743), (135, 11767), (147, 11818), (168, 11872), (178, 11929), (186, 11968),

Gene: Hartsy_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for Hartsy_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Harvey_13 Start: 11606, Stop: 12409, Start Num: 16
Candidate Starts for Harvey_13:
(Start: 16 @11606 has 364 MA's), (28, 11627), (32, 11639), (35, 11651), (74, 11813), (90, 11882), (102, 11930), (118, 12002), (131, 12047), (135, 12071), (147, 12122), (168, 12176), (178, 12233), (186, 12272),

Gene: HarveySr_15 Start: 13117, Stop: 13926, Start Num: 14
Candidate Starts for HarveySr_15:
(Start: 14 @13117 has 50 MA's), (41, 13180), (56, 13243), (78, 13339), (88, 13387), (90, 13393), (102, 13441), (118, 13513), (127, 13543), (128, 13546), (132, 13564), (145, 13624), (151, 13645), (170, 13711), (198, 13852), (199, 13855),

Gene: Hashim76_18 Start: 12730, Stop: 13515, Start Num: 21
Candidate Starts for Hashim76_18:

(Start: 21 @12730 has 3 MA's), (28, 12742), (56, 12850), (58, 12856), (74, 12928), (89, 12994), (102, 13045), (132, 13186), (178, 13366), (187, 13408), (195, 13450), (208, 13498),

Gene: Heath_13 Start: 13346, Stop: 14140, Start Num: 16
Candidate Starts for Heath_13:
(Start: 16 @13346 has 364 MA's), (28, 13367), (32, 13379), (56, 13478), (88, 13616), (102, 13670), (107, 13691), (112, 13712), (114, 13718), (132, 13805), (142, 13847), (170, 13943), (171, 13946), (178, 13985), (187, 14027), (195, 14069), (208, 14117),

Gene: Heathcliff_15 Start: 13102, Stop: 13911, Start Num: 14
Candidate Starts for Heathcliff_15:
(Start: 14 @13102 has 50 MA's), (41, 13165), (56, 13228), (78, 13324), (88, 13372), (90, 13378), (102, 13426), (118, 13498), (127, 13528), (128, 13531), (132, 13549), (145, 13609), (151, 13630), (170, 13696), (198, 13837), (199, 13840),

Gene: Hedgerow_16 Start: 14634, Stop: 15452, Start Num: 12
Candidate Starts for Hedgerow_16:
(Start: 12 @14634 has 38 MA's), (56, 14778), (75, 14859), (87, 14913), (88, 14919), (103, 14979), (113, 15018), (120, 15057), (132, 15096), (158, 15192), (170, 15240), (178, 15282), (185, 15318), (199, 15384),

Gene: Hekos_12 Start: 11308, Stop: 12111, Start Num: 16
Candidate Starts for Hekos_12:
(Start: 16 @11308 has 364 MA's), (28, 11329), (32, 11341), (35, 11353), (74, 11515), (90, 11584), (102, 11632), (118, 11704), (131, 11749), (135, 11773), (147, 11824), (168, 11878), (178, 11935), (186, 11974),

Gene: Held_13 Start: 11310, Stop: 12113, Start Num: 16
Candidate Starts for Held_13:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Hendrix_59 Start: 32358, Stop: 33179, Start Num: 26
Candidate Starts for Hendrix_59:
(Start: 26 @32358 has 80 MA's), (Start: 43 @32430 has 6 MA's), (52, 32460), (Start: 55 @32475 has 2 MA's), (65, 32511), (99, 32646), (101, 32652), (169, 32931), (189, 33036), (211, 33138),

Gene: HenryJackson_12 Start: 11312, Stop: 12115, Start Num: 16
Candidate Starts for HenryJackson_12:
(Start: 16 @11312 has 364 MA's), (28, 11333), (32, 11345), (35, 11357), (74, 11519), (90, 11588), (102, 11636), (118, 11708), (131, 11753), (135, 11777), (147, 11828), (168, 11882), (178, 11939), (186, 11978),

Gene: Hermeonysus_27 Start: 15576, Stop: 16406, Start Num: 26
Candidate Starts for Hermeonysus_27:
(Start: 26 @15576 has 80 MA's), (Start: 55 @15687 has 2 MA's), (Start: 72 @15759 has 1 MA's), (90, 15819), (120, 15969), (126, 15996), (131, 16020), (133, 16035), (143, 16074), (144, 16083), (146, 16095), (193, 16317), (207, 16371),

Gene: Hertubise_13 Start: 11605, Stop: 12402, Start Num: 16
Candidate Starts for Hertubise_13:

(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Hetaeria_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Hetaeria_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: HighStump_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for HighStump_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Hocus_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Hocus_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: HogWash_12 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for HogWash_12:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Holeinone_16 Start: 14534, Stop: 15352, Start Num: 12
Candidate Starts for Holeinone_16:
(Start: 12 @14534 has 38 MA's), (56, 14678), (87, 14813), (88, 14819), (103, 14879), (113, 14918), (120, 14957), (132, 14996), (158, 15092), (170, 15140), (178, 15182), (185, 15218), (199, 15284),

Gene: Honeyfin_29 Start: 15892, Stop: 16722, Start Num: 26
Candidate Starts for Honeyfin_29:
(Start: 26 @15892 has 80 MA's), (Start: 55 @16003 has 2 MA's), (Start: 72 @16075 has 1 MA's), (90, 16135), (120, 16285), (126, 16312), (131, 16336), (133, 16351), (143, 16390), (144, 16399), (146, 16411), (193, 16633), (207, 16687),

Gene: Horchata_13 Start: 11601, Stop: 12404, Start Num: 16
Candidate Starts for Horchata_13:
(Start: 16 @11601 has 364 MA's), (28, 11622), (32, 11634), (35, 11646), (74, 11808), (90, 11877), (102, 11925), (118, 11997), (131, 12042), (135, 12066), (147, 12117), (168, 12171), (178, 12228), (186, 12267),

Gene: Hosp_09 Start: 10034, Stop: 10801, Start Num: 16
Candidate Starts for Hosp_09:
(Start: 16 @10034 has 364 MA's), (28, 10055), (88, 10295), (107, 10370), (127, 10451), (170, 10610), (173, 10628), (189, 10706), (195, 10736),

Gene: Hydro_13 Start: 13343, Stop: 14137, Start Num: 16
Candidate Starts for Hydro_13:
(Start: 16 @13343 has 364 MA's), (28, 13364), (32, 13376), (56, 13475), (88, 13613), (102, 13667), (107, 13688), (112, 13709), (114, 13715), (118, 13739), (132, 13802), (142, 13844), (170, 13940),

(178, 13982), (187, 14024), (195, 14066), (208, 14114),

Gene: ImtiyazSitla_12 Start: 11149, Stop: 11946, Start Num: 16
Candidate Starts for ImtiyazSitla_12:
(Start: 16 @11149 has 364 MA's), (28, 11170), (32, 11182), (35, 11194), (90, 11425), (102, 11473), (118, 11545), (131, 11590), (135, 11614), (147, 11665), (168, 11719), (178, 11776), (186, 11815),

Gene: Imvubu_10 Start: 10724, Stop: 11518, Start Num: 16
Candidate Starts for Imvubu_10:
(Start: 16 @10724 has 364 MA's), (32, 10748), (69, 10889), (90, 10988), (113, 11081), (114, 11084), (120, 11135), (132, 11183), (141, 11222), (148, 11252), (173, 11339), (178, 11363),

Gene: Inchworm_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for Inchworm_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Indlovu_13 Start: 13063, Stop: 13839, Start Num: 20
Candidate Starts for Indlovu_13:
(Start: 20 @13063 has 1 MA's), (28, 13075), (113, 13423), (137, 13531), (158, 13600), (170, 13648), (176, 13684), (178, 13690), (185, 13726), (199, 13792), (208, 13822),

Gene: Inspectinfecti_23 Start: 17760, Stop: 18590, Start Num: 13
Candidate Starts for Inspectinfecti_23:
(Start: 13 @17760 has 16 MA's), (15, 17766), (28, 17793), (30, 17799), (Start: 43 @17853 has 6 MA's), (90, 18024), (91, 18036), (111, 18111), (120, 18159), (143, 18261), (160, 18315), (170, 18360), (175, 18417), (196, 18528),

Gene: Inverness_13 Start: 11604, Stop: 12407, Start Num: 16
Candidate Starts for Inverness_13:
(Start: 16 @11604 has 364 MA's), (28, 11625), (32, 11637), (35, 11649), (74, 11811), (90, 11880), (102, 11928), (118, 12000), (131, 12045), (135, 12069), (147, 12120), (168, 12174), (178, 12231), (186, 12270),

Gene: Iridessa_13 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for Iridessa_13:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Iridoclysis_13 Start: 11606, Stop: 12403, Start Num: 16
Candidate Starts for Iridoclysis_13:
(Start: 16 @11606 has 364 MA's), (28, 11627), (32, 11639), (35, 11651), (74, 11813), (90, 11882), (102, 11930), (118, 12002), (131, 12047), (135, 12071), (147, 12122), (168, 12176), (178, 12233), (186, 12272),

Gene: IsaacEli_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for IsaacEli_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: ItsyBitsy1_16 Start: 14526, Stop: 15344, Start Num: 12
Candidate Starts for ItsyBitsy1_16:
(Start: 12 @14526 has 38 MA's), (56, 14670), (75, 14751), (87, 14805), (88, 14811), (103, 14871), (113, 14910), (120, 14949), (132, 14988), (158, 15084), (170, 15132), (178, 15174), (185, 15210), (199, 15276),

Gene: JAMaL_13 Start: 13517, Stop: 14314, Start Num: 16
Candidate Starts for JAMaL_13:
(Start: 16 @13517 has 364 MA's), (28, 13535), (31, 13544), (44, 13601), (56, 13646), (88, 13784), (102, 13838), (107, 13859), (112, 13880), (114, 13886), (142, 14015), (168, 14102), (170, 14117), (173, 14135), (178, 14159), (187, 14201), (195, 14243), (208, 14291),

Gene: JDog_12 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for JDog_12:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: JKSyngboy_20 Start: 17230, Stop: 18057, Start Num: 17
Candidate Starts for JKSyngboy_20:
(Start: 17 @17230 has 52 MA's), (22, 17239), (53, 17341), (83, 17455), (111, 17572), (120, 17620), (131, 17671), (143, 17725), (157, 17776), (162, 17794), (170, 17824), (172, 17845), (175, 17881), (181, 17911), (196, 17992), (200, 18010), (203, 18025),

Gene: Jabberwocky_19 Start: 17005, Stop: 17835, Start Num: 17
Candidate Starts for Jabberwocky_19:
(Start: 17 @17005 has 52 MA's), (22, 17014), (53, 17119), (77, 17209), (90, 17263), (95, 17287), (111, 17350), (120, 17398), (126, 17425), (157, 17554), (170, 17602), (175, 17659), (179, 17683), (181, 17689), (193, 17758), (196, 17770), (200, 17788), (203, 17803),

Gene: JacAttac_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for JacAttac_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Jackstina_14 Start: 13066, Stop: 13875, Start Num: 14
Candidate Starts for Jackstina_14:
(Start: 14 @13066 has 50 MA's), (41, 13129), (56, 13192), (78, 13288), (88, 13336), (90, 13342), (102, 13390), (118, 13462), (127, 13492), (128, 13495), (132, 13513), (145, 13573), (151, 13594), (170, 13660), (198, 13801), (199, 13804),

Gene: JaguarMi_14 Start: 13170, Stop: 13970, Start Num: 16
Candidate Starts for JaguarMi_14:
(Start: 16 @13170 has 364 MA's), (28, 13191), (32, 13203), (44, 13257), (56, 13302), (88, 13440), (102, 13494), (107, 13515), (112, 13536), (114, 13542), (142, 13671), (147, 13698), (170, 13773), (171, 13776), (178, 13815), (187, 13857), (195, 13899), (208, 13947),

Gene: JakeO_12 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for JakeO_12:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Jambalaya_20 Start: 13611, Stop: 14423, Start Num: 26
Candidate Starts for Jambalaya_20:
(Start: 26 @13611 has 80 MA's), (47, 13692), (87, 13842), (120, 13989), (128, 14025), (155, 14139), (209, 14409),

Gene: JangoPhett_13 Start: 11600, Stop: 12397, Start Num: 16
Candidate Starts for JangoPhett_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Jefe_28 Start: 15629, Stop: 16459, Start Num: 26
Candidate Starts for Jefe_28:
(Start: 26 @15629 has 80 MA's), (Start: 55 @15740 has 2 MA's), (Start: 72 @15812 has 1 MA's), (90, 15872), (120, 16022), (126, 16049), (131, 16073), (133, 16088), (143, 16127), (144, 16136), (146, 16148), (193, 16370), (207, 16424),

Gene: Jeon_10 Start: 12718, Stop: 13494, Start Num: 16
Candidate Starts for Jeon_10:
(Start: 16 @12718 has 364 MA's), (32, 12739), (33, 12742), (38, 12760), (45, 12793), (58, 12847), (60, 12853), (69, 12886), (102, 13033), (108, 13057), (109, 13063), (130, 13147), (149, 13231), (163, 13273), (185, 13378), (188, 13384), (199, 13444),

Gene: Jesabah_13 Start: 11310, Stop: 12113, Start Num: 16
Candidate Starts for Jesabah_13:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Jillium_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Jillium_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Jiminy_12 Start: 11157, Stop: 11954, Start Num: 16
Candidate Starts for Jiminy_12:
(Start: 16 @11157 has 364 MA's), (28, 11178), (32, 11190), (35, 11202), (74, 11364), (90, 11433), (102, 11481), (118, 11553), (131, 11598), (135, 11622), (147, 11673), (168, 11727), (178, 11784), (186, 11823),

Gene: Jiraiya_12 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for Jiraiya_12:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Jolie1_011 Start: 11815, Stop: 12582, Start Num: 16
Candidate Starts for Jolie1_011:
(Start: 16 @11815 has 364 MA's), (28, 11836), (107, 12151), (127, 12232), (132, 12253), (170, 12391), (173, 12409), (189, 12487), (195, 12517),

Gene: Jollipop_28 Start: 15974, Stop: 16804, Start Num: 26

Candidate Starts for Jollipop_28:
(Start: 26 @15974 has 80 MA's), (Start: 55 @16085 has 2 MA's), (Start: 72 @16157 has 1 MA's), (90, 16217), (120, 16367), (126, 16394), (131, 16418), (133, 16433), (143, 16472), (144, 16481), (146, 16493), (193, 16715), (207, 16769),

Gene: Jollymon_45 Start: 25052, Stop: 25819, Start Num: 16
Candidate Starts for Jollymon_45:
(Start: 16 @25052 has 364 MA's), (40, 25118), (49, 25154), (93, 25325), (95, 25328), (127, 25466), (130, 25478), (137, 25508), (143, 25532), (179, 25688), (181, 25694), (190, 25733), (198, 25772), (206, 25799),

Gene: JoyceMaria_13 Start: 13346, Stop: 14140, Start Num: 16
Candidate Starts for JoyceMaria_13:
(Start: 16 @13346 has 364 MA's), (28, 13367), (32, 13379), (56, 13478), (88, 13616), (102, 13670), (107, 13691), (112, 13712), (114, 13718), (118, 13742), (132, 13805), (142, 13847), (170, 13943), (178, 13985), (187, 14027), (195, 14069), (208, 14117),

Gene: KLucky39_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for KLucky39_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Kahve_12 Start: 11312, Stop: 12115, Start Num: 16
Candidate Starts for Kahve_12:
(Start: 16 @11312 has 364 MA's), (28, 11333), (32, 11345), (35, 11357), (74, 11519), (90, 11588), (102, 11636), (118, 11708), (131, 11753), (135, 11777), (147, 11828), (168, 11882), (178, 11939), (186, 11978),

Gene: KaiHaiDragon_28 Start: 15568, Stop: 16398, Start Num: 26
Candidate Starts for KaiHaiDragon_28:
(Start: 26 @15568 has 80 MA's), (Start: 55 @15679 has 2 MA's), (Start: 72 @15751 has 1 MA's), (90, 15811), (120, 15961), (131, 16012), (133, 16027), (143, 16066), (144, 16075), (146, 16087), (193, 16309), (207, 16363),

Gene: Kailash_13 Start: 11611, Stop: 12408, Start Num: 16
Candidate Starts for Kailash_13:
(Start: 16 @11611 has 364 MA's), (28, 11632), (32, 11644), (35, 11656), (90, 11887), (102, 11935), (118, 12007), (131, 12052), (135, 12076), (147, 12127), (168, 12181), (178, 12238), (186, 12277),

Gene: Kaleb_16 Start: 14652, Stop: 15470, Start Num: 12
Candidate Starts for Kaleb_16:
(Start: 12 @14652 has 38 MA's), (56, 14796), (75, 14877), (87, 14931), (88, 14937), (103, 14997), (113, 15036), (120, 15075), (132, 15114), (158, 15210), (170, 15258), (178, 15300), (185, 15336), (199, 15402),

Gene: Kamashten_22 Start: 17689, Stop: 18519, Start Num: 17
Candidate Starts for Kamashten_22:
(Start: 17 @17689 has 52 MA's), (22, 17698), (53, 17803), (77, 17893), (90, 17947), (95, 17971), (111, 18034), (120, 18082), (126, 18109), (157, 18238), (170, 18286), (175, 18343), (179, 18367), (181, 18373), (193, 18442), (196, 18454), (200, 18472), (203, 18487),

Gene: Kamiyu_15 Start: 13111, Stop: 13920, Start Num: 14

Candidate Starts for Kamiyu_15:
(Start: 14 @13111 has 50 MA's), (41, 13174), (56, 13237), (78, 13333), (88, 13381), (90, 13387), (102, 13435), (118, 13507), (127, 13537), (132, 13558), (145, 13618), (151, 13639), (170, 13705), (198, 13846), (199, 13849),

Gene: KarasumaRum_15 Start: 13490, Stop: 14296, Start Num: 16
Candidate Starts for KarasumaRum_15:
(Start: 16 @13490 has 364 MA's), (89, 13784), (109, 13865), (118, 13907), (133, 13970), (137, 13982), (152, 14042), (170, 14099), (178, 14141), (194, 14219), (208, 14273),

Gene: Karn_12 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for Karn_12:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Katniss_13 Start: 11603, Stop: 12406, Start Num: 16
Candidate Starts for Katniss_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: KayaCho_11 Start: 11827, Stop: 12594, Start Num: 16
Candidate Starts for KayaCho_11:
(Start: 16 @11827 has 364 MA's), (28, 11848), (107, 12163), (127, 12244), (171, 12406), (187, 12487), (195, 12529),

Gene: Keitabear_23 Start: 19226, Stop: 20056, Start Num: 17
Candidate Starts for Keitabear_23:
(Start: 17 @19226 has 52 MA's), (22, 19235), (53, 19340), (66, 19388), (77, 19430), (83, 19454), (95, 19508), (111, 19571), (120, 19619), (126, 19646), (157, 19775), (170, 19823), (175, 19880), (179, 19904), (181, 19910), (193, 19979), (196, 19991), (200, 20009), (203, 20024),

Gene: Keitherie_13 Start: 11616, Stop: 12413, Start Num: 16
Candidate Starts for Keitherie_13:
(Start: 16 @11616 has 364 MA's), (28, 11637), (32, 11649), (35, 11661), (74, 11823), (90, 11892), (102, 11940), (118, 12012), (131, 12057), (135, 12081), (147, 12132), (168, 12186), (178, 12243), (186, 12282),

Gene: Kewpiedoll_22 Start: 17077, Stop: 17907, Start Num: 17
Candidate Starts for Kewpiedoll_22:
(Start: 17 @17077 has 52 MA's), (22, 17086), (53, 17191), (77, 17281), (83, 17305), (90, 17335), (95, 17359), (111, 17422), (120, 17470), (126, 17497), (157, 17626), (170, 17674), (175, 17731), (181, 17761), (193, 17830), (196, 17842), (200, 17860), (203, 17875),

Gene: Khan1_13 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for Khan1_13:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Kheth_16 Start: 14535, Stop: 15353, Start Num: 12
Candidate Starts for Kheth_16:

(Start: 12 @14535 has 38 MA's), (56, 14679), (75, 14760), (87, 14814), (88, 14820), (103, 14880), (113, 14919), (120, 14958), (132, 14997), (158, 15093), (170, 15141), (178, 15183), (185, 15219), (199, 15285),

Gene: Kikipoo_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Kikipoo_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Kimbrough_13 Start: 11312, Stop: 12115, Start Num: 16
Candidate Starts for Kimbrough_13:
(Start: 16 @11312 has 364 MA's), (28, 11333), (32, 11345), (35, 11357), (74, 11519), (90, 11588), (102, 11636), (118, 11708), (131, 11753), (135, 11777), (147, 11828), (168, 11882), (178, 11939), (186, 11978),

Gene: KimmyK_22 Start: 14500, Stop: 15312, Start Num: 26
Candidate Starts for KimmyK_22:
(Start: 26 @14500 has 80 MA's), (47, 14581), (87, 14731), (120, 14878), (128, 14914), (155, 15028), (209, 15298),

Gene: KingTut_12 Start: 11310, Stop: 12113, Start Num: 16
Candidate Starts for KingTut_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: KingVeVeVe_13 Start: 11603, Stop: 12406, Start Num: 16
Candidate Starts for KingVeVeVe_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: KingstonB_46 Start: 24560, Stop: 25327, Start Num: 16
Candidate Starts for KingstonB_46:
(Start: 16 @24560 has 364 MA's), (40, 24626), (49, 24662), (93, 24833), (95, 24836), (130, 24986), (143, 25040), (179, 25196), (181, 25202), (198, 25280), (206, 25307),

Gene: KlimbOn_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for KlimbOn_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Kloppinator_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for Kloppinator_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Knocker_18 Start: 15870, Stop: 16694, Start Num: 16
Candidate Starts for Knocker_18:

(Start: 16 @15870 has 364 MA's), (32, 15894), (40, 15927), (51, 15972), (68, 16029), (Start: 72 @16059 has 1 MA's), (74, 16068), (88, 16155), (90, 16161), (109, 16239), (122, 16302), (141, 16377), (156, 16425), (166, 16452), (178, 16527), (189, 16581), (195, 16611),

Gene: Kolhan_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for Kolhan_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877), (113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216), (199, 15282),

Gene: Kowalski_27 Start: 15684, Stop: 16514, Start Num: 26
Candidate Starts for Kowalski_27:
(Start: 26 @15684 has 80 MA's), (Start: 55 @15795 has 2 MA's), (Start: 72 @15867 has 1 MA's), (90, 15927), (120, 16077), (126, 16104), (131, 16128), (133, 16143), (143, 16182), (144, 16191), (146, 16203), (193, 16425), (207, 16479),

Gene: Kronus_14 Start: 13723, Stop: 14532, Start Num: 14
Candidate Starts for Kronus_14:
(Start: 14 @13723 has 50 MA's), (41, 13786), (56, 13849), (78, 13945), (88, 13993), (90, 13999), (102, 14047), (118, 14119), (127, 14149), (132, 14170), (145, 14230), (151, 14251), (170, 14317), (198, 14458), (199, 14461),

Gene: Kroos_22 Start: 17329, Stop: 18156, Start Num: 17
Candidate Starts for Kroos_22:
(Start: 17 @17329 has 52 MA's), (22, 17338), (53, 17440), (59, 17467), (77, 17530), (83, 17554), (111, 17671), (120, 17719), (131, 17770), (143, 17824), (157, 17875), (162, 17893), (170, 17923), (172, 17944), (175, 17980), (181, 18010), (196, 18091), (200, 18109), (203, 18124),

Gene: Kwadwo_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Kwadwo_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Kwekel_21 Start: 15688, Stop: 16518, Start Num: 13
Candidate Starts for Kwekel_21:
(Start: 13 @15688 has 16 MA's), (Start: 43 @15778 has 6 MA's), (64, 15856), (106, 16018), (116, 16060), (120, 16087), (136, 16162), (143, 16189), (157, 16240), (179, 16369), (181, 16375), (185, 16396), (196, 16456), (199, 16471),

Gene: Kwksand96_12 Start: 11155, Stop: 11958, Start Num: 16
Candidate Starts for Kwksand96_12:
(Start: 16 @11155 has 364 MA's), (28, 11176), (32, 11188), (35, 11200), (74, 11362), (90, 11431), (102, 11479), (118, 11551), (131, 11596), (135, 11620), (147, 11671), (168, 11725), (178, 11782), (186, 11821),

Gene: Kwobi_23 Start: 17311, Stop: 18138, Start Num: 17
Candidate Starts for Kwobi_23:
(Start: 17 @17311 has 52 MA's), (22, 17320), (53, 17422), (77, 17512), (111, 17653), (120, 17701), (131, 17752), (143, 17806), (157, 17857), (162, 17875), (170, 17905), (172, 17926), (175, 17962), (181, 17992), (196, 18073), (200, 18091), (203, 18106),

Gene: Labeouficaum_12 Start: 11161, Stop: 11958, Start Num: 16

Candidate Starts for Labeouficaum_12:
(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485),
(118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Lambano_12 Start: 12252, Stop: 13046, Start Num: 16
Candidate Starts for Lambano_12:
(Start: 16 @12252 has 364 MA's), (28, 12273), (31, 12282), (44, 12339), (56, 12384), (88, 12522),
(102, 12576), (107, 12597), (112, 12618), (114, 12624), (132, 12711), (142, 12753), (170, 12849),
(173, 12867), (178, 12891), (187, 12933), (195, 12975), (208, 13023),

Gene: Lars_16 Start: 14652, Stop: 15470, Start Num: 12
Candidate Starts for Lars_16:
(Start: 12 @14652 has 38 MA's), (56, 14796), (75, 14877), (87, 14931), (88, 14937), (103, 14997),
(113, 15036), (120, 15075), (132, 15114), (158, 15210), (170, 15258), (178, 15300), (185, 15336),
(199, 15402),

Gene: Larson_14 Start: 11619, Stop: 12416, Start Num: 16
Candidate Starts for Larson_14:
(Start: 16 @11619 has 364 MA's), (28, 11640), (32, 11652), (35, 11664), (74, 11826), (90, 11895),
(102, 11943), (118, 12015), (131, 12060), (135, 12084), (147, 12135), (168, 12189), (178, 12246),
(186, 12285),

Gene: LasagnaCat_13 Start: 11611, Stop: 12408, Start Num: 16
Candidate Starts for LasagnaCat_13:
(Start: 16 @11611 has 364 MA's), (28, 11632), (32, 11644), (35, 11656), (74, 11818), (90, 11887),
(102, 11935), (118, 12007), (131, 12052), (135, 12076), (147, 12127), (168, 12181), (178, 12238),
(186, 12277),

Gene: Lasso_13 Start: 11593, Stop: 12396, Start Num: 16
Candidate Starts for Lasso_13:
(Start: 16 @11593 has 364 MA's), (28, 11614), (32, 11626), (35, 11638), (74, 11800), (90, 11869),
(102, 11917), (118, 11989), (131, 12034), (135, 12058), (147, 12109), (168, 12163), (178, 12220),
(186, 12259),

Gene: Laurie_16 Start: 14530, Stop: 15348, Start Num: 12
Candidate Starts for Laurie_16:
(Start: 12 @14530 has 38 MA's), (56, 14674), (58, 14680), (87, 14809), (88, 14815), (103, 14875),
(113, 14914), (120, 14953), (132, 14992), (158, 15088), (170, 15136), (178, 15178), (185, 15214),
(199, 15280),

Gene: Leaf_62 Start: 32410, Stop: 33225, Start Num: 26
Candidate Starts for Leaf_62:
(Start: 26 @32410 has 80 MA's), (Start: 43 @32482 has 6 MA's), (Start: 55 @32524 has 2 MA's), (80,
32614), (82, 32623), (125, 32800), (146, 32899), (170, 32977), (180, 33028),

Gene: LeeLot_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for LeeLot_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878),
(102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229),
(186, 12268),

Gene: Lego3393_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for Lego3393_13:

(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Legolas_12 Start: 11307, Stop: 12110, Start Num: 16
Candidate Starts for Legolas_12:
(Start: 16 @11307 has 364 MA's), (28, 11328), (32, 11340), (35, 11352), (74, 11514), (90, 11583), (102, 11631), (118, 11703), (131, 11748), (135, 11772), (147, 11823), (168, 11877), (178, 11934), (186, 11973),

Gene: Lehmann_13 Start: 11152, Stop: 11955, Start Num: 16
Candidate Starts for Lehmann_13:
(Start: 16 @11152 has 364 MA's), (28, 11173), (32, 11185), (35, 11197), (74, 11359), (90, 11428), (102, 11476), (118, 11548), (131, 11593), (135, 11617), (147, 11668), (168, 11722), (178, 11779), (186, 11818),

Gene: LeiMonet_13 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for LeiMonet_13:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: LemonSlice_13 Start: 11313, Stop: 12116, Start Num: 16
Candidate Starts for LemonSlice_13:
(Start: 16 @11313 has 364 MA's), (28, 11334), (32, 11346), (35, 11358), (74, 11520), (90, 11589), (102, 11637), (118, 11709), (131, 11754), (135, 11778), (147, 11829), (168, 11883), (178, 11940), (186, 11979),

Gene: Lennon_23 Start: 18329, Stop: 19159, Start Num: 17
Candidate Starts for Lennon_23:
(Start: 17 @18329 has 52 MA's), (22, 18338), (53, 18443), (77, 18533), (83, 18557), (90, 18587), (95, 18611), (111, 18674), (120, 18722), (126, 18749), (157, 18878), (170, 18926), (175, 18983), (179, 19007), (181, 19013), (193, 19082), (196, 19094), (200, 19112), (203, 19127),

Gene: Leonard_22 Start: 17355, Stop: 18185, Start Num: 13
Candidate Starts for Leonard_22:
(Start: 13 @17355 has 16 MA's), (15, 17361), (28, 17388), (30, 17394), (Start: 43 @17448 has 6 MA's), (90, 17619), (91, 17631), (111, 17706), (120, 17754), (143, 17856), (160, 17910), (168, 17940), (170, 17955), (175, 18012), (196, 18123),

Gene: Lephleur_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for Lephleur_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877), (113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216), (199, 15282),

Gene: LestyG_15 Start: 13144, Stop: 13953, Start Num: 14
Candidate Starts for LestyG_15:
(Start: 14 @13144 has 50 MA's), (41, 13207), (56, 13270), (78, 13366), (88, 13414), (90, 13420), (102, 13468), (118, 13540), (127, 13570), (128, 13573), (132, 13591), (145, 13651), (151, 13672), (170, 13738), (198, 13879), (199, 13882),

Gene: Ligma_12 Start: 11636, Stop: 12418, Start Num: 16

Candidate Starts for Ligma_12:
(Start: 16 @11636 has 364 MA's), (24, 11648), (45, 11726), (178, 12272), (179, 12287), (185, 12308), (194, 12350), (195, 12356), (205, 12395),

Gene: LilHam_19 Start: 15890, Stop: 16717, Start Num: 17
Candidate Starts for LilHam_19:
(Start: 17 @15890 has 52 MA's), (22, 15899), (53, 16001), (83, 16115), (111, 16232), (120, 16280), (131, 16331), (143, 16385), (157, 16436), (162, 16454), (170, 16484), (172, 16505), (175, 16541), (181, 16571), (196, 16652), (200, 16670), (203, 16685),

Gene: LilMcDreamy_14 Start: 14087, Stop: 14896, Start Num: 16
Candidate Starts for LilMcDreamy_14:
(Start: 16 @14087 has 364 MA's), (51, 14222), (56, 14240), (102, 14441), (107, 14462), (109, 14471), (114, 14489), (118, 14513), (170, 14705), (187, 14789), (195, 14831), (203, 14867),

Gene: LilSmirk_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for LilSmirk_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877), (113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216), (199, 15282),

Gene: Lilbeanie_19 Start: 12678, Stop: 13550, Start Num: 26
Candidate Starts for Lilbeanie_19:
(Start: 26 @12678 has 80 MA's), (90, 12936), (98, 12969), (109, 13014), (120, 13089), (132, 13146), (138, 13173), (143, 13194), (146, 13215), (149, 13224), (155, 13242), (157, 13245), (162, 13263), (164, 13266), (170, 13293), (181, 13386), (193, 13455), (200, 13485), (209, 13518),

Gene: LittleDigger_12 Start: 12259, Stop: 13053, Start Num: 16
Candidate Starts for LittleDigger_12:
(Start: 16 @12259 has 364 MA's), (28, 12280), (31, 12289), (44, 12346), (56, 12391), (88, 12529), (102, 12583), (107, 12604), (112, 12625), (114, 12631), (142, 12760), (170, 12856), (173, 12874), (178, 12898), (187, 12940), (195, 12982), (208, 13030),

Gene: LittleFortune_29 Start: 15934, Stop: 16764, Start Num: 26
Candidate Starts for LittleFortune_29:
(Start: 26 @15934 has 80 MA's), (Start: 55 @16045 has 2 MA's), (Start: 72 @16117 has 1 MA's), (90, 16177), (120, 16327), (126, 16354), (131, 16378), (133, 16393), (143, 16432), (144, 16441), (146, 16453), (183, 16621), (193, 16675), (207, 16729),

Gene: LittleMinkey_19 Start: 12923, Stop: 13693, Start Num: 21
Candidate Starts for LittleMinkey_19:
(Start: 21 @12923 has 3 MA's), (28, 12935), (56, 13043), (74, 13121), (89, 13187), (124, 13337), (132, 13364), (137, 13385), (170, 13502), (178, 13544), (187, 13586), (195, 13628),

Gene: LittleMunchkin_13 Start: 12925, Stop: 13710, Start Num: 16
Candidate Starts for LittleMunchkin_13:
(Start: 16 @12925 has 364 MA's), (45, 13018), (50, 13042), (103, 13261), (116, 13315), (132, 13378), (144, 13432), (173, 13540), (179, 13579), (189, 13618), (199, 13666),

Gene: LizLemon_16 Start: 14652, Stop: 15470, Start Num: 12
Candidate Starts for LizLemon_16:
(Start: 12 @14652 has 38 MA's), (56, 14796), (58, 14802), (87, 14931), (88, 14937), (103, 14997), (113, 15036), (120, 15075), (132, 15114), (158, 15210), (170, 15258), (178, 15300), (185, 15336),

(199, 15402),

Gene: Lolalove_13 Start: 13343, Stop: 14137, Start Num: 16
Candidate Starts for Lolalove_13:
(Start: 16 @13343 has 364 MA's), (28, 13364), (32, 13376), (56, 13475), (88, 13613), (102, 13667), (107, 13688), (112, 13709), (114, 13715), (118, 13739), (132, 13802), (142, 13844), (170, 13940), (178, 13982), (187, 14024), (195, 14066), (208, 14114),

Gene: Longacauda_12 Start: 11305, Stop: 12102, Start Num: 16
Candidate Starts for Longacauda_12:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Lopsy_12 Start: 11149, Stop: 11952, Start Num: 16
Candidate Starts for Lopsy_12:
(Start: 16 @11149 has 364 MA's), (28, 11170), (32, 11182), (35, 11194), (74, 11356), (90, 11425), (102, 11473), (118, 11545), (131, 11590), (135, 11614), (147, 11665), (168, 11719), (178, 11776), (186, 11815),

Gene: LostAndPhound_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for LostAndPhound_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Love_23 Start: 17204, Stop: 18034, Start Num: 17
Candidate Starts for Love_23:
(Start: 17 @17204 has 52 MA's), (22, 17213), (53, 17318), (77, 17408), (90, 17462), (95, 17486), (111, 17549), (120, 17597), (126, 17624), (132, 17654), (157, 17753), (170, 17801), (175, 17858), (179, 17882), (181, 17888), (193, 17957), (196, 17969), (200, 17987), (203, 18002),

Gene: LuckyMarjie_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for LuckyMarjie_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Lucretia_28 Start: 15804, Stop: 16451, Start Num: 72
Candidate Starts for Lucretia_28:
(Start: 26 @15621 has 80 MA's), (Start: 55 @15732 has 2 MA's), (Start: 72 @15804 has 1 MA's), (90, 15864), (120, 16014), (126, 16041), (131, 16065), (133, 16080), (143, 16119), (144, 16128), (146, 16140), (193, 16362), (207, 16416),

Gene: Lulumae_12 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for Lulumae_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Lulwa_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Lulwa_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Lumine_12 Start: 11297, Stop: 12094, Start Num: 16
Candidate Starts for Lumine_12:
(Start: 16 @11297 has 364 MA's), (28, 11318), (32, 11330), (35, 11342), (90, 11573), (102, 11621), (118, 11693), (131, 11738), (135, 11762), (147, 11813), (168, 11867), (178, 11924), (186, 11963),

Gene: MRabcd_12 Start: 11306, Stop: 12109, Start Num: 16
Candidate Starts for MRabcd_12:
(Start: 16 @11306 has 364 MA's), (28, 11327), (32, 11339), (35, 11351), (74, 11513), (90, 11582), (102, 11630), (118, 11702), (131, 11747), (135, 11771), (147, 11822), (168, 11876), (178, 11933), (186, 11972),

Gene: Mag7_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for Mag7_12:
(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Magic8_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for Magic8_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Magpie_13 Start: 13501, Stop: 14295, Start Num: 16
Candidate Starts for Magpie_13:
(Start: 16 @13501 has 364 MA's), (28, 13522), (56, 13633), (88, 13771), (102, 13825), (107, 13846), (112, 13867), (114, 13873), (132, 13960), (142, 14002), (170, 14098), (171, 14101), (178, 14140), (187, 14182), (195, 14224), (208, 14272),

Gene: Makar_46 Start: 25059, Stop: 25826, Start Num: 16
Candidate Starts for Makar_46:
(Start: 16 @25059 has 364 MA's), (49, 25161), (56, 25191), (67, 25221), (117, 25425), (127, 25473), (134, 25509), (179, 25695),

Gene: MakoManhole_14 Start: 13114, Stop: 13887, Start Num: 16
Candidate Starts for MakoManhole_14:
(Start: 16 @13114 has 364 MA's), (56, 13246), (114, 13477), (130, 13543), (132, 13552), (170, 13696), (195, 13822), (198, 13837),

Gene: Mana_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Mana_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Manad_12 Start: 11153, Stop: 11956, Start Num: 16
Candidate Starts for Manad_12:
(Start: 16 @11153 has 364 MA's), (28, 11174), (32, 11186), (35, 11198), (74, 11360), (90, 11429), (102, 11477), (118, 11549), (131, 11594), (135, 11618), (147, 11669), (168, 11723), (178, 11780), (186, 11819),

Gene: Mao1_10 Start: 10771, Stop: 11619, Start Num: 16
Candidate Starts for Mao1_10:

(Start: 16 @10771 has 364 MA's), (Start: 26 @10786 has 80 MA's), (56, 10897), (60, 10909), (69, 10942), (90, 11044), (102, 11092), (114, 11140), (118, 11164), (130, 11206), (135, 11233), (156, 11308), (161, 11314), (168, 11344), (170, 11359), (173, 11377), (187, 11443), (189, 11455), (194, 11479), (198, 11500), (208, 11533),

Gene: Margaery_23 Start: 15201, Stop: 15968, Start Num: 43
Candidate Starts for Margaery_23:
(1, 14967), (2, 14985), (3, 15018), (27, 15132), (Start: 43 @15201 has 6 MA's), (100, 15423), (119, 15516), (123, 15555), (143, 15639), (144, 15648), (169, 15732), (178, 15768), (179, 15783), (199, 15885), (210, 15930), (215, 15957),

Gene: Mariokart_12 Start: 11678, Stop: 12469, Start Num: 16
Candidate Starts for Mariokart_12:
(Start: 16 @11678 has 364 MA's), (32, 11714), (45, 11768), (60, 11834), (92, 11972), (132, 12128), (170, 12272), (185, 12350), (198, 12413),

Gene: Marley1013_15 Start: 13924, Stop: 14733, Start Num: 14
Candidate Starts for Marley1013_15:
(Start: 14 @13924 has 50 MA's), (41, 13987), (56, 14050), (78, 14146), (88, 14194), (90, 14200), (102, 14248), (118, 14320), (127, 14350), (132, 14371), (145, 14431), (151, 14452), (170, 14518), (198, 14659), (199, 14662),

Gene: Marlia_15 Start: 13126, Stop: 13935, Start Num: 14
Candidate Starts for Marlia_15:
(Start: 14 @13126 has 50 MA's), (41, 13189), (56, 13252), (78, 13348), (88, 13396), (90, 13402), (102, 13450), (118, 13522), (127, 13552), (132, 13573), (145, 13633), (151, 13654), (170, 13720), (198, 13861), (199, 13864),

Gene: Maru_12 Start: 11307, Stop: 12110, Start Num: 16
Candidate Starts for Maru_12:
(Start: 16 @11307 has 364 MA's), (28, 11328), (32, 11340), (35, 11352), (74, 11514), (90, 11583), (102, 11631), (118, 11703), (131, 11748), (135, 11772), (147, 11823), (168, 11877), (178, 11934), (186, 11973),

Gene: Mask_11 Start: 10772, Stop: 11620, Start Num: 16
Candidate Starts for Mask_11:
(Start: 16 @10772 has 364 MA's), (Start: 26 @10787 has 80 MA's), (56, 10898), (60, 10910), (69, 10943), (90, 11045), (102, 11093), (114, 11141), (118, 11165), (130, 11207), (135, 11234), (156, 11309), (161, 11315), (168, 11345), (170, 11360), (173, 11378), (187, 11444), (189, 11456), (194, 11480), (198, 11501), (208, 11534),

Gene: Maskar_12 Start: 11149, Stop: 11946, Start Num: 16
Candidate Starts for Maskar_12:
(Start: 16 @11149 has 364 MA's), (28, 11170), (32, 11182), (35, 11194), (90, 11425), (102, 11473), (118, 11545), (131, 11590), (135, 11614), (147, 11665), (168, 11719), (178, 11776), (186, 11815),

Gene: MasterPo_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for MasterPo_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877), (113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216), (199, 15282),

Gene: Matalotodo_13 Start: 11603, Stop: 12400, Start Num: 16

Candidate Starts for Matalotodo_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: Matzah_24 Start: 15224, Stop: 15985, Start Num: 43
Candidate Starts for Matzah_24:
(27, 15155), (Start: 43 @15224 has 6 MA's), (83, 15377), (119, 15539), (133, 15623), (143, 15662), (144, 15671), (169, 15755), (170, 15758), (178, 15791), (179, 15806), (184, 15830), (192, 15878), (199, 15908), (202, 15917), (210, 15953),

Gene: McCrothy_22 Start: 17073, Stop: 17903, Start Num: 17
Candidate Starts for McCrothy_22:
(Start: 17 @17073 has 52 MA's), (22, 17082), (53, 17187), (77, 17277), (90, 17331), (95, 17355), (111, 17418), (120, 17466), (126, 17493), (130, 17514), (132, 17523), (157, 17622), (170, 17670), (175, 17727), (179, 17751), (181, 17757), (193, 17826), (196, 17838), (200, 17856), (203, 17871),

Gene: McKinley_22 Start: 17230, Stop: 18060, Start Num: 17
Candidate Starts for McKinley_22:
(Start: 17 @17230 has 52 MA's), (22, 17239), (53, 17344), (77, 17434), (90, 17488), (95, 17512), (111, 17575), (120, 17623), (126, 17650), (132, 17680), (157, 17779), (170, 17827), (175, 17884), (179, 17908), (181, 17914), (193, 17983), (196, 17995), (200, 18013), (203, 18028),

Gene: Mcshane_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Mcshane_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Mecca_12 Start: 11306, Stop: 12103, Start Num: 16
Candidate Starts for Mecca_12:
(Start: 16 @11306 has 364 MA's), (28, 11327), (32, 11339), (35, 11351), (74, 11513), (90, 11582), (102, 11630), (118, 11702), (131, 11747), (135, 11771), (147, 11822), (168, 11876), (178, 11933), (186, 11972),

Gene: Megabear_10 Start: 12673, Stop: 13449, Start Num: 16
Candidate Starts for Megabear_10:
(Start: 16 @12673 has 364 MA's), (32, 12694), (33, 12697), (38, 12715), (45, 12748), (58, 12802), (60, 12808), (69, 12841), (102, 12988), (108, 13012), (109, 13018), (130, 13102), (149, 13186), (163, 13228), (185, 13333), (188, 13339), (199, 13399),

Gene: Megamind20_13 Start: 11310, Stop: 12113, Start Num: 16
Candidate Starts for Megamind20_13:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Megan_22 Start: 16905, Stop: 17714, Start Num: 26
Candidate Starts for Megan_22:
(Start: 26 @16905 has 80 MA's), (54, 17007), (71, 17085), (Start: 72 @17088 has 1 MA's), (90, 17148), (123, 17322), (133, 17364), (143, 17403), (144, 17412), (170, 17499), (193, 17622),

Gene: Megatron_13 Start: 11602, Stop: 12405, Start Num: 16

Candidate Starts for Megatron_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878),
(102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229),
(186, 12268),

Gene: MelBins_23 Start: 17556, Stop: 18386, Start Num: 13
Candidate Starts for MelBins_23:
(Start: 13 @17556 has 16 MA's), (15, 17562), (28, 17589), (30, 17595), (Start: 43 @17649 has 6 MA's),
(90, 17820), (91, 17832), (120, 17955), (143, 18057), (160, 18111), (168, 18141), (170, 18156), (175,
18213), (196, 18324),

Gene: Melc17_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for Melc17_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875),
(102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226),
(186, 12265),

Gene: MelsMeow_12 Start: 11155, Stop: 11952, Start Num: 16
Candidate Starts for MelsMeow_12:
(Start: 16 @11155 has 364 MA's), (28, 11176), (32, 11188), (35, 11200), (90, 11431), (102, 11479),
(118, 11551), (131, 11596), (135, 11620), (147, 11671), (168, 11725), (178, 11782), (186, 11821),

Gene: MementoMori_24 Start: 14946, Stop: 15707, Start Num: 43
Candidate Starts for MementoMori_24:
(27, 14877), (Start: 43 @14946 has 6 MA's), (83, 15099), (119, 15261), (123, 15300), (133, 15345),
(143, 15384), (144, 15393), (169, 15477), (170, 15480), (178, 15513), (179, 15528), (184, 15552),
(192, 15600), (199, 15630), (202, 15639), (210, 15675), (214, 15696),

Gene: Merry_ Start: 15926, Stop: 16729, Start Num: 26
Candidate Starts for Merry_:
(Start: 26 @15926 has 80 MA's), (54, 16028), (Start: 55 @16037 has 2 MA's), (57, 16046), (94, 16193),
(123, 16340), (138, 16403), (143, 16424), (144, 16433), (183, 16589), (193, 16643), (207, 16697),

Gene: Mesh1_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Mesh1_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881),
(102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232),
(186, 12271),

Gene: Mesmerelda_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Mesmerelda_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585),
(102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936),
(186, 11975),

Gene: Metamorphoo_28 Start: 15526, Stop: 16338, Start Num: 26
Candidate Starts for Metamorphoo_28:
(Start: 26 @15526 has 80 MA's), (54, 15628), (Start: 55 @15637 has 2 MA's), (57, 15646), (71, 15706),
(Start: 72 @15709 has 1 MA's), (90, 15769), (119, 15904), (123, 15943), (143, 16027), (144, 16036),
(183, 16192), (193, 16246), (207, 16300), (212, 16327),

Gene: MichaelPhcott_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for MichaelPhcott_12:

(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Mikota_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for Mikota_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: MiniBoss_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for MiniBoss_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: MitKao_13 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for MitKao_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Mithril_13 Start: 13346, Stop: 14140, Start Num: 16
Candidate Starts for Mithril_13:
(Start: 16 @13346 has 364 MA's), (28, 13367), (32, 13379), (56, 13478), (88, 13616), (102, 13670), (107, 13691), (112, 13712), (114, 13718), (118, 13742), (132, 13805), (142, 13847), (170, 13943), (178, 13985), (187, 14027), (195, 14069), (208, 14117),

Gene: MmasiCarm_15 Start: 13137, Stop: 13946, Start Num: 14
Candidate Starts for MmasiCarm_15:
(Start: 14 @13137 has 50 MA's), (41, 13200), (56, 13263), (78, 13359), (88, 13407), (90, 13413), (102, 13461), (118, 13533), (127, 13563), (132, 13584), (145, 13644), (151, 13665), (170, 13731), (198, 13872), (199, 13875),

Gene: MoontowerMania_20 Start: 16210, Stop: 17040, Start Num: 17
Candidate Starts for MoontowerMania_20:
(Start: 17 @16210 has 52 MA's), (22, 16219), (53, 16324), (77, 16414), (90, 16468), (95, 16492), (111, 16555), (120, 16603), (126, 16630), (132, 16660), (157, 16759), (170, 16807), (175, 16864), (179, 16888), (181, 16894), (193, 16963), (196, 16975), (200, 16993), (203, 17008),

Gene: Morgushi_13 Start: 11307, Stop: 12110, Start Num: 16
Candidate Starts for Morgushi_13:
(Start: 16 @11307 has 364 MA's), (28, 11328), (32, 11340), (35, 11352), (74, 11514), (90, 11583), (102, 11631), (118, 11703), (131, 11748), (135, 11772), (147, 11823), (168, 11877), (178, 11934), (186, 11973),

Gene: Mortcellus_14 Start: 13778, Stop: 14587, Start Num: 14
Candidate Starts for Mortcellus_14:
(Start: 14 @13778 has 50 MA's), (41, 13841), (56, 13904), (78, 14000), (88, 14048), (90, 14054), (102, 14102), (118, 14174), (127, 14204), (132, 14225), (145, 14285), (151, 14306), (170, 14372), (198, 14513), (199, 14516),

Gene: Morty_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Morty_13:

(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Morty007_15 Start: 13924, Stop: 14733, Start Num: 14
Candidate Starts for Morty007_15:
(Start: 14 @13924 has 50 MA's), (41, 13987), (56, 14050), (78, 14146), (88, 14194), (90, 14200), (102, 14248), (118, 14320), (127, 14350), (132, 14371), (145, 14431), (151, 14452), (170, 14518), (198, 14659), (199, 14662),

Gene: Mosaic_12 Start: 11310, Stop: 12113, Start Num: 16
Candidate Starts for Mosaic_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: MossRose_14 Start: 13114, Stop: 13887, Start Num: 16
Candidate Starts for MossRose_14:
(Start: 16 @13114 has 364 MA's), (56, 13246), (114, 13477), (130, 13543), (132, 13552), (170, 13696), (195, 13822), (198, 13837),

Gene: MrPhizzler_13 Start: 11302, Stop: 12105, Start Num: 16
Candidate Starts for MrPhizzler_13:
(Start: 16 @11302 has 364 MA's), (28, 11323), (32, 11335), (35, 11347), (74, 11509), (90, 11578), (102, 11626), (118, 11698), (131, 11743), (135, 11767), (147, 11818), (168, 11872), (178, 11929), (186, 11968),

Gene: Mudslide_13 Start: 13594, Stop: 14388, Start Num: 16
Candidate Starts for Mudslide_13:
(Start: 16 @13594 has 364 MA's), (28, 13615), (32, 13627), (56, 13726), (88, 13864), (102, 13918), (107, 13939), (112, 13960), (114, 13966), (118, 13990), (132, 14053), (142, 14095), (170, 14191), (171, 14194), (178, 14233), (187, 14275), (195, 14317), (208, 14365),

Gene: Mulan_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Mulan_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Mulaychimus_15 Start: 13117, Stop: 13926, Start Num: 14
Candidate Starts for Mulaychimus_15:
(Start: 14 @13117 has 50 MA's), (41, 13180), (56, 13243), (78, 13339), (88, 13387), (90, 13393), (102, 13441), (118, 13513), (127, 13543), (132, 13564), (145, 13624), (151, 13645), (170, 13711), (198, 13852), (199, 13855),

Gene: Murdoc_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Murdoc_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Mutante_12 Start: 11306, Stop: 12109, Start Num: 16
Candidate Starts for Mutante_12:

(Start: 16 @11306 has 364 MA's), (28, 11327), (32, 11339), (35, 11351), (74, 11513), (90, 11582), (102, 11630), (118, 11702), (131, 11747), (135, 11771), (147, 11822), (168, 11876), (178, 11933), (186, 11972),

Gene: Mutzi_22 Start: 14224, Stop: 15036, Start Num: 26
Candidate Starts for Mutzi_22:
(Start: 26 @14224 has 80 MA's), (47, 14305), (87, 14455), (120, 14602), (128, 14638), (155, 14752), (209, 15022),

Gene: Mysterious_14 Start: 13592, Stop: 14398, Start Num: 16
Candidate Starts for Mysterious_14:
(Start: 16 @13592 has 364 MA's), (28, 13604), (48, 13682), (89, 13886), (90, 13889), (102, 13937), (107, 13958), (118, 14009), (133, 14072), (152, 14144), (170, 14201), (194, 14321),

Gene: NHagos_12 Start: 11599, Stop: 12372, Start Num: 16
Candidate Starts for NHagos_12:
(Start: 16 @11599 has 364 MA's), (32, 11629), (46, 11686), (56, 11731), (70, 11785), (132, 12037), (170, 12181), (194, 12301), (199, 12325),

Gene: Nacho_0013 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Nacho_0013:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Nanao_12 Start: 12252, Stop: 13046, Start Num: 16
Candidate Starts for Nanao_12:
(Start: 16 @12252 has 364 MA's), (28, 12273), (31, 12282), (44, 12339), (56, 12384), (88, 12522), (102, 12576), (107, 12597), (112, 12618), (114, 12624), (132, 12711), (142, 12753), (170, 12849), (173, 12867), (178, 12891), (187, 12933), (195, 12975), (208, 13023),

Gene: Nangang_14 Start: 13334, Stop: 14140, Start Num: 16
Candidate Starts for Nangang_14:
(Start: 16 @13334 has 364 MA's), (48, 13424), (89, 13628), (109, 13709), (118, 13751), (133, 13814), (137, 13826), (152, 13886), (170, 13943), (178, 13985), (194, 14063), (208, 14117),

Gene: Nathan_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for Nathan_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Natkenzie_22 Start: 17540, Stop: 18364, Start Num: 25
Candidate Starts for Natkenzie_22:
(Start: 25 @17540 has 9 MA's), (Start: 43 @17612 has 6 MA's), (62, 17678), (79, 17753), (90, 17795), (105, 17852), (120, 17924), (125, 17945), (129, 17966), (143, 18026), (146, 18047), (153, 18068), (157, 18077), (164, 18098), (170, 18125), (175, 18182), (179, 18206), (181, 18212), (185, 18233), (195, 18290), (201, 18314),

Gene: Nehemiah_13 Start: 13592, Stop: 14398, Start Num: 16
Candidate Starts for Nehemiah_13:
(Start: 16 @13592 has 364 MA's), (28, 13604), (48, 13682), (89, 13886), (90, 13889), (102, 13937), (107, 13958), (118, 14009), (133, 14072), (152, 14144), (170, 14201), (194, 14321),

Gene: Neos5_15 Start: 13930, Stop: 14739, Start Num: 14
Candidate Starts for Neos5_15:
(Start: 14 @13930 has 50 MA's), (41, 13993), (56, 14056), (78, 14152), (88, 14200), (90, 14206), (102, 14254), (118, 14326), (127, 14356), (132, 14377), (145, 14437), (151, 14458), (170, 14524), (198, 14665), (199, 14668),

Gene: Newman_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Newman_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Nicole21_13 Start: 11600, Stop: 12397, Start Num: 16
Candidate Starts for Nicole21_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Nicole72_23 Start: 17288, Stop: 18094, Start Num: 26
Candidate Starts for Nicole72_23:
(Start: 26 @17288 has 80 MA's), (63, 17432), (Start: 72 @17471 has 1 MA's), (89, 17528), (94, 17555), (119, 17663), (133, 17747), (143, 17786), (144, 17795), (178, 17915), (179, 17930), (183, 17951), (207, 18059),

Gene: Nigel_11 Start: 12164, Stop: 12961, Start Num: 16
Candidate Starts for Nigel_11:
(Start: 16 @12164 has 364 MA's), (28, 12182), (31, 12191), (44, 12248), (56, 12293), (88, 12431), (102, 12485), (107, 12506), (112, 12527), (114, 12533), (142, 12662), (168, 12749), (170, 12764), (173, 12782), (178, 12806), (187, 12848), (195, 12890), (208, 12938),

Gene: NoodlelyBoi_28 Start: 16131, Stop: 16853, Start Num: 55
Candidate Starts for NoodlelyBoi_28:
(Start: 26 @16020 has 80 MA's), (Start: 55 @16131 has 2 MA's), (Start: 72 @16203 has 1 MA's), (95, 16290), (120, 16416), (126, 16443), (131, 16467), (133, 16482), (144, 16530), (146, 16542), (179, 16689), (183, 16710), (193, 16764), (207, 16818),

Gene: Nordenberg_16 Start: 15524, Stop: 16354, Start Num: 17
Candidate Starts for Nordenberg_16:
(Start: 17 @15524 has 52 MA's), (22, 15533), (53, 15638), (77, 15728), (90, 15782), (95, 15806), (111, 15869), (120, 15917), (126, 15944), (132, 15974), (157, 16073), (170, 16121), (175, 16178), (179, 16202), (181, 16208), (193, 16277), (196, 16289), (200, 16307), (203, 16322),

Gene: Nozo_15 Start: 13905, Stop: 14714, Start Num: 14
Candidate Starts for Nozo_15:
(Start: 14 @13905 has 50 MA's), (41, 13968), (56, 14031), (78, 14127), (88, 14175), (90, 14181), (102, 14229), (118, 14301), (127, 14331), (132, 14352), (145, 14412), (151, 14433), (170, 14499), (198, 14640), (199, 14643),

Gene: Nubi_20 Start: 13852, Stop: 14664, Start Num: 26
Candidate Starts for Nubi_20:
(Start: 26 @13852 has 80 MA's), (47, 13933), (87, 14083), (120, 14230), (128, 14266), (155, 14380), (209, 14650),

Gene: Numberten_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Numberten_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Nyala_12 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for Nyala_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: OSmaximus_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for OSmaximus_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Obutu_15 Start: 13135, Stop: 13944, Start Num: 14
Candidate Starts for Obutu_15:
(Start: 14 @13135 has 50 MA's), (41, 13198), (56, 13261), (78, 13357), (88, 13405), (90, 13411), (102, 13459), (118, 13531), (127, 13561), (132, 13582), (145, 13642), (151, 13663), (170, 13729), (198, 13870), (199, 13873),

Gene: Olak_12 Start: 11307, Stop: 12104, Start Num: 16
Candidate Starts for Olak_12:
(Start: 16 @11307 has 364 MA's), (28, 11328), (32, 11340), (35, 11352), (74, 11514), (90, 11583), (102, 11631), (118, 11703), (131, 11748), (135, 11772), (147, 11823), (168, 11877), (178, 11934), (186, 11973),

Gene: Oline_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for Oline_12:
(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (74, 11368), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Olive_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Olive_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: OliverWalter_13 Start: 11598, Stop: 12401, Start Num: 16
Candidate Starts for OliverWalter_13:
(Start: 16 @11598 has 364 MA's), (28, 11619), (32, 11631), (35, 11643), (74, 11805), (90, 11874), (102, 11922), (118, 11994), (131, 12039), (135, 12063), (147, 12114), (168, 12168), (178, 12225), (186, 12264),

Gene: Olivio_14 Start: 12989, Stop: 13798, Start Num: 14
Candidate Starts for Olivio_14:
(Start: 14 @12989 has 50 MA's), (41, 13052), (56, 13115), (78, 13211), (88, 13259), (90, 13265), (102, 13313), (118, 13385), (127, 13415), (128, 13418), (132, 13436), (145, 13496), (151, 13517), (170, 13583), (198, 13724), (199, 13727),

Gene: Omniscient_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Omniscient_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881),
(102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232),
(186, 12271),

Gene: OneBrain_13 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for OneBrain_13:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581),
(102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932),
(186, 11971),

Gene: Onika_27 Start: 15658, Stop: 16488, Start Num: 26
Candidate Starts for Onika_27:
(Start: 26 @15658 has 80 MA's), (Start: 55 @15769 has 2 MA's), (Start: 72 @15841 has 1 MA's), (90,
15901), (120, 16051), (126, 16078), (131, 16102), (133, 16117), (143, 16156), (144, 16165), (146,
16177), (193, 16399), (207, 16453),

Gene: Oosterbaan_13 Start: 11603, Stop: 12400, Start Num: 16
Candidate Starts for Oosterbaan_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879),
(102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230),
(186, 12269),

Gene: Opia_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for Opia_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877),
(113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216),
(199, 15282),

Gene: OrangeOswald_15 Start: 13140, Stop: 13949, Start Num: 14
Candidate Starts for OrangeOswald_15:
(Start: 14 @13140 has 50 MA's), (41, 13203), (56, 13266), (78, 13362), (88, 13410), (90, 13416), (102,
13464), (118, 13536), (127, 13566), (132, 13587), (145, 13647), (151, 13668), (170, 13734), (198,
13875), (199, 13878),

Gene: Orfeu_12 Start: 11308, Stop: 12105, Start Num: 16
Candidate Starts for Orfeu_12:
(Start: 16 @11308 has 364 MA's), (28, 11329), (32, 11341), (35, 11353), (90, 11584), (102, 11632),
(118, 11704), (131, 11749), (135, 11773), (147, 11824), (168, 11878), (178, 11935), (186, 11974),

Gene: Orion_13 Start: 11603, Stop: 12400, Start Num: 16
Candidate Starts for Orion_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879),
(102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230),
(186, 12269),

Gene: Orwigg_12 Start: 11313, Stop: 12110, Start Num: 16
Candidate Starts for Orwigg_12:
(Start: 16 @11313 has 364 MA's), (28, 11334), (32, 11346), (35, 11358), (74, 11520), (90, 11589),
(102, 11637), (118, 11709), (131, 11754), (135, 11778), (147, 11829), (168, 11883), (178, 11940),
(186, 11979),

Gene: PG1_13 Start: 11603, Stop: 12406, Start Num: 16
Candidate Starts for PG1_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: PR_10 Start: 12685, Stop: 13461, Start Num: 16
Candidate Starts for PR_10:
(Start: 16 @12685 has 364 MA's), (32, 12706), (33, 12709), (38, 12727), (45, 12760), (58, 12814), (60, 12820), (69, 12853), (102, 13000), (108, 13024), (109, 13030), (130, 13114), (149, 13198), (163, 13240), (185, 13345), (188, 13351), (199, 13411),

Gene: Pacifista_12 Start: 11306, Stop: 12103, Start Num: 16
Candidate Starts for Pacifista_12:
(Start: 16 @11306 has 364 MA's), (28, 11327), (32, 11339), (35, 11351), (74, 11513), (90, 11582), (102, 11630), (118, 11702), (131, 11747), (135, 11771), (147, 11822), (168, 11876), (178, 11933), (186, 11972),

Gene: PallasAthena_13 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for PallasAthena_13:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Paries_22 Start: 16892, Stop: 17722, Start Num: 17
Candidate Starts for Paries_22:
(Start: 17 @16892 has 52 MA's), (22, 16901), (53, 17006), (77, 17096), (83, 17120), (95, 17174), (111, 17237), (120, 17285), (126, 17312), (132, 17342), (157, 17441), (170, 17489), (175, 17546), (181, 17576), (193, 17645), (196, 17657), (200, 17675), (203, 17690),

Gene: Paschalis_27 Start: 15672, Stop: 16502, Start Num: 26
Candidate Starts for Paschalis_27:
(Start: 26 @15672 has 80 MA's), (Start: 55 @15783 has 2 MA's), (Start: 72 @15855 has 1 MA's), (90, 15915), (120, 16065), (126, 16092), (131, 16116), (133, 16131), (143, 16170), (144, 16179), (146, 16191), (193, 16413), (207, 16467),

Gene: PenguinLover67_16 Start: 14236, Stop: 15033, Start Num: 9
Candidate Starts for PenguinLover67_16:
(Start: 9 @14236 has 2 MA's), (28, 14275), (32, 14287), (56, 14383), (76, 14470), (86, 14506), (88, 14518), (109, 14602), (132, 14704), (137, 14725), (170, 14842), (176, 14878), (178, 14884), (195, 14968), (205, 15007), (208, 15016),

Gene: Phaedrus_14 Start: 13057, Stop: 13866, Start Num: 14
Candidate Starts for Phaedrus_14:
(Start: 14 @13057 has 50 MA's), (41, 13120), (56, 13183), (78, 13279), (88, 13327), (90, 13333), (102, 13381), (118, 13453), (127, 13483), (132, 13504), (145, 13564), (151, 13585), (170, 13651), (198, 13792), (199, 13795),

Gene: Phamished_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Phamished_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Phantasmagoria_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for Phantasmagoria_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877), (113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216), (199, 15282),

Gene: Phareon_13 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Phareon_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: PhatCats2014_13 Start: 11606, Stop: 12409, Start Num: 16
Candidate Starts for PhatCats2014_13:
(Start: 16 @11606 has 364 MA's), (28, 11627), (32, 11639), (35, 11651), (74, 11813), (90, 11882), (102, 11930), (118, 12002), (131, 12047), (135, 12071), (147, 12122), (168, 12176), (178, 12233), (186, 12272),

Gene: PhatLouie_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for PhatLouie_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Phauci_15 Start: 13922, Stop: 14752, Start Num: 13
Candidate Starts for Phauci_15:
(Start: 13 @13922 has 16 MA's), (15, 13928), (28, 13955), (30, 13961), (Start: 43 @14015 has 6 MA's), (90, 14186), (91, 14198), (111, 14273), (120, 14321), (143, 14423), (160, 14477), (170, 14522), (175, 14579), (196, 14690),

Gene: Phayeta_15 Start: 13016, Stop: 13825, Start Num: 14
Candidate Starts for Phayeta_15:
(Start: 14 @13016 has 50 MA's), (41, 13079), (56, 13142), (78, 13238), (88, 13286), (90, 13292), (102, 13340), (118, 13412), (127, 13442), (132, 13463), (145, 13523), (151, 13544), (170, 13610), (198, 13751), (199, 13754),

Gene: PhedwardCullen_26 Start: 15600, Stop: 16247, Start Num: 72
Candidate Starts for PhedwardCullen_26:
(Start: 26 @15417 has 80 MA's), (Start: 55 @15528 has 2 MA's), (Start: 72 @15600 has 1 MA's), (90, 15660), (120, 15810), (126, 15837), (131, 15861), (133, 15876), (143, 15915), (144, 15924), (146, 15936), (193, 16158), (207, 16212),

Gene: Phelemich_14 Start: 13595, Stop: 14401, Start Num: 16
Candidate Starts for Phelemich_14:
(Start: 16 @13595 has 364 MA's), (28, 13607), (48, 13685), (89, 13889), (90, 13892), (102, 13940), (107, 13961), (118, 14012), (133, 14075), (152, 14147), (170, 14204), (194, 14324),

Gene: PhenghisKhan_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for PhenghisKhan_12:
(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Pherdinand_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for Pherdinand_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Phergie_12 Start: 11155, Stop: 11952, Start Num: 16
Candidate Starts for Phergie_12:
(Start: 16 @11155 has 364 MA's), (28, 11176), (32, 11188), (35, 11200), (90, 11431), (102, 11479), (118, 11551), (131, 11596), (135, 11620), (147, 11671), (168, 11725), (178, 11782), (186, 11821),

Gene: Philly_14 Start: 13006, Stop: 13815, Start Num: 14
Candidate Starts for Philly_14:
(Start: 14 @13006 has 50 MA's), (41, 13069), (56, 13132), (78, 13228), (88, 13276), (90, 13282), (102, 13330), (118, 13402), (127, 13432), (128, 13435), (132, 13453), (145, 13513), (151, 13534), (170, 13600), (198, 13741), (199, 13744),

Gene: Phinally_22 Start: 17352, Stop: 18182, Start Num: 13
Candidate Starts for Phinally_22:
(Start: 13 @17352 has 16 MA's), (15, 17358), (28, 17385), (30, 17391), (Start: 43 @17445 has 6 MA's), (90, 17616), (91, 17628), (111, 17703), (120, 17751), (143, 17853), (160, 17907), (168, 17937), (170, 17952), (175, 18009), (196, 18120),

Gene: Phipps_13 Start: 11593, Stop: 12396, Start Num: 16
Candidate Starts for Phipps_13:
(Start: 16 @11593 has 364 MA's), (28, 11614), (32, 11626), (35, 11638), (74, 11800), (90, 11869), (102, 11917), (118, 11989), (131, 12034), (135, 12058), (147, 12109), (168, 12163), (178, 12220), (186, 12259),

Gene: Phleuron_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for Phleuron_12:
(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Phlop_20 Start: 13916, Stop: 14728, Start Num: 26
Candidate Starts for Phlop_20:
(Start: 26 @13916 has 80 MA's), (47, 13997), (87, 14147), (120, 14294), (128, 14330), (155, 14444), (209, 14714),

Gene: Phlyer_15 Start: 13874, Stop: 14683, Start Num: 14
Candidate Starts for Phlyer_15:
(Start: 14 @13874 has 50 MA's), (41, 13937), (56, 14000), (78, 14096), (88, 14144), (90, 14150), (102, 14198), (118, 14270), (127, 14300), (132, 14321), (145, 14381), (151, 14402), (170, 14468), (198, 14609), (199, 14612),

Gene: Phorgeous_27 Start: 15525, Stop: 16355, Start Num: 26
Candidate Starts for Phorgeous_27:
(Start: 26 @15525 has 80 MA's), (Start: 55 @15636 has 2 MA's), (Start: 72 @15708 has 1 MA's), (90, 15768), (120, 15918), (126, 15945), (131, 15969), (133, 15984), (143, 16023), (144, 16032), (146, 16044), (193, 16266), (207, 16320),

Gene: Phrancesco_28 Start: 15803, Stop: 16633, Start Num: 26
Candidate Starts for Phrancesco_28:

(Start: 26 @15803 has 80 MA's), (Start: 55 @15914 has 2 MA's), (Start: 72 @15986 has 1 MA's), (90, 16046), (120, 16196), (126, 16223), (131, 16247), (133, 16262), (143, 16301), (144, 16310), (146, 16322), (193, 16544), (207, 16598),

Gene: PhrankReynolds_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for PhrankReynolds_12:
(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: PhrodoBaggins_12 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for PhrodoBaggins_12:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Phunky_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Phunky_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: PierreOrion_28 Start: 15938, Stop: 16657, Start Num: 55
Candidate Starts for PierreOrion_28:
(Start: 26 @15827 has 80 MA's), (Start: 55 @15938 has 2 MA's), (Start: 72 @16010 has 1 MA's), (90, 16070), (120, 16220), (126, 16247), (131, 16271), (133, 16286), (143, 16325), (144, 16334), (146, 16346), (193, 16568), (207, 16622),

Gene: Piglet_0012 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Piglet_0012:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: PinheadLarry_13 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for PinheadLarry_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: PinkCoffee_22 Start: 14509, Stop: 15321, Start Num: 26
Candidate Starts for PinkCoffee_22:
(Start: 26 @14509 has 80 MA's), (47, 14590), (87, 14740), (120, 14887), (128, 14923), (155, 15037), (209, 15307),

Gene: Pinkman_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for Pinkman_12:
(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Pipefish_15 Start: 14024, Stop: 14833, Start Num: 14
Candidate Starts for Pipefish_15:
(Start: 14 @14024 has 50 MA's), (41, 14087), (56, 14150), (78, 14246), (88, 14294), (90, 14300), (102, 14348), (118, 14420), (127, 14450), (128, 14453), (132, 14471), (145, 14531), (151, 14552), (170, 14618), (198, 14759), (199, 14762),

Gene: PiperSansNom_28 Start: 15979, Stop: 16809, Start Num: 26
Candidate Starts for PiperSansNom_28:
(Start: 26 @15979 has 80 MA's), (Start: 55 @16090 has 2 MA's), (Start: 72 @16162 has 1 MA's), (90, 16222), (120, 16372), (126, 16399), (131, 16423), (133, 16438), (143, 16477), (144, 16486), (146, 16498), (193, 16720), (207, 16774),

Gene: Piperis_28 Start: 15649, Stop: 16479, Start Num: 26
Candidate Starts for Piperis_28:
(Start: 26 @15649 has 80 MA's), (Start: 55 @15760 has 2 MA's), (Start: 72 @15832 has 1 MA's), (90, 15892), (120, 16042), (126, 16069), (131, 16093), (133, 16108), (143, 16147), (144, 16156), (146, 16168), (193, 16390), (207, 16444),

Gene: Pipsqueak_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Pipsqueak_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Placalicious_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Placalicious_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Plata_13 Start: 11305, Stop: 12108, Start Num: 16
Candidate Starts for Plata_13:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Plmatters_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Plmatters_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Podrick_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Podrick_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Pops_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Pops_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Portcullis_20 Start: 13859, Stop: 14671, Start Num: 26
Candidate Starts for Portcullis_20:
(Start: 26 @13859 has 80 MA's), (47, 13940), (87, 14090), (120, 14237), (128, 14273), (155, 14387), (209, 14657),

Gene: Poster_12 Start: 12252, Stop: 13046, Start Num: 16
Candidate Starts for Poster_12:
(Start: 16 @12252 has 364 MA's), (28, 12273), (31, 12282), (44, 12339), (56, 12384), (88, 12522),
(102, 12576), (107, 12597), (112, 12618), (114, 12624), (132, 12711), (142, 12753), (170, 12849),
(173, 12867), (178, 12891), (187, 12933), (195, 12975), (208, 13023),

Gene: Potter_12 Start: 11310, Stop: 12113, Start Num: 16
Candidate Starts for Potter_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586),
(102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937),
(186, 11976),

Gene: Prickles_13 Start: 11608, Stop: 12411, Start Num: 16
Candidate Starts for Prickles_13:
(Start: 16 @11608 has 364 MA's), (28, 11629), (32, 11641), (35, 11653), (74, 11815), (90, 11884),
(102, 11932), (118, 12004), (131, 12049), (135, 12073), (147, 12124), (168, 12178), (178, 12235),
(186, 12274),

Gene: Prince_13 Start: 13506, Stop: 14300, Start Num: 16
Candidate Starts for Prince_13:
(Start: 16 @13506 has 364 MA's), (28, 13527), (32, 13539), (56, 13638), (88, 13776), (102, 13830),
(107, 13851), (112, 13872), (114, 13878), (118, 13902), (132, 13965), (142, 14007), (170, 14103),
(171, 14106), (178, 14145), (187, 14187), (195, 14229), (208, 14277),

Gene: PrinceCharming_16 Start: 14652, Stop: 15470, Start Num: 12
Candidate Starts for PrinceCharming_16:
(Start: 12 @14652 has 38 MA's), (56, 14796), (58, 14802), (87, 14931), (88, 14937), (103, 14997),
(113, 15036), (120, 15075), (132, 15114), (158, 15210), (170, 15258), (178, 15300), (185, 15336),
(199, 15402),

Gene: ProfessorX_13 Start: 11600, Stop: 12397, Start Num: 16
Candidate Starts for ProfessorX_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876),
(102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227),
(186, 12266),

Gene: Puhltonio_13 Start: 11593, Stop: 12396, Start Num: 16
Candidate Starts for Puhltonio_13:
(Start: 16 @11593 has 364 MA's), (28, 11614), (32, 11626), (35, 11638), (74, 11800), (90, 11869),
(102, 11917), (118, 11989), (131, 12034), (135, 12058), (147, 12109), (168, 12163), (178, 12220),
(186, 12259),

Gene: Pulchra_29 Start: 16049, Stop: 16879, Start Num: 26
Candidate Starts for Pulchra_29:
(Start: 26 @16049 has 80 MA's), (Start: 55 @16160 has 2 MA's), (Start: 72 @16232 has 1 MA's), (90,
16292), (120, 16442), (126, 16469), (131, 16493), (133, 16508), (143, 16547), (144, 16556), (146,
16568), (193, 16790), (207, 16844),

Gene: PullumCavea_20 Start: 13916, Stop: 14728, Start Num: 26
Candidate Starts for PullumCavea_20:
(Start: 26 @13916 has 80 MA's), (47, 13997), (87, 14147), (120, 14294), (128, 14330), (155, 14444),
(209, 14714),

Gene: Pumpkiney_24 Start: 16247, Stop: 17071, Start Num: 25
Candidate Starts for Pumpkiney_24:
(Start: 25 @16247 has 9 MA's), (Start: 43 @16319 has 6 MA's), (62, 16385), (90, 16502), (105, 16559), (120, 16631), (125, 16652), (143, 16733), (146, 16754), (157, 16784), (164, 16805), (179, 16913), (181, 16919), (185, 16940), (192, 16985), (195, 16997), (201, 17021),

Gene: Purplicious_43 Start: 24298, Stop: 25065, Start Num: 16
Candidate Starts for Purplicious_43:
(Start: 16 @24298 has 364 MA's), (40, 24364), (49, 24400), (93, 24571), (95, 24574), (127, 24712), (130, 24724), (137, 24754), (143, 24778), (179, 24934), (181, 24940), (198, 25018), (206, 25045),

Gene: QueenBeane_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for QueenBeane_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: QueenPie_13 Start: 13850, Stop: 14644, Start Num: 16
Candidate Starts for QueenPie_13:
(Start: 16 @13850 has 364 MA's), (28, 13871), (32, 13883), (44, 13937), (56, 13982), (88, 14120), (102, 14174), (107, 14195), (112, 14216), (114, 14222), (142, 14351), (170, 14447), (173, 14465), (178, 14489), (195, 14573), (208, 14621),

Gene: Quesadilla_15 Start: 14040, Stop: 14831, Start Num: 11
Candidate Starts for Quesadilla_15:
(Start: 11 @14040 has 1 MA's), (32, 14085), (56, 14181), (76, 14268), (86, 14304), (88, 14316), (109, 14400), (132, 14502), (137, 14523), (141, 14541), (176, 14676), (178, 14682), (208, 14814),

Gene: Quhwah_31 Start: 16275, Stop: 17105, Start Num: 26
Candidate Starts for Quhwah_31:
(Start: 26 @16275 has 80 MA's), (Start: 55 @16386 has 2 MA's), (Start: 72 @16458 has 1 MA's), (90, 16518), (120, 16668), (126, 16695), (131, 16719), (133, 16734), (143, 16773), (144, 16782), (146, 16794), (193, 17016), (207, 17070),

Gene: Quisquiliae_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Quisquiliae_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Qyrzula_15 Start: 14622, Stop: 15440, Start Num: 12
Candidate Starts for Qyrzula_15:
(Start: 12 @14622 has 38 MA's), (56, 14766), (75, 14847), (87, 14901), (88, 14907), (103, 14967), (113, 15006), (120, 15045), (132, 15084), (158, 15180), (170, 15228), (178, 15270), (185, 15306), (199, 15372),

Gene: RagingRooster_15 Start: 13141, Stop: 13950, Start Num: 14
Candidate Starts for RagingRooster_15:
(Start: 14 @13141 has 50 MA's), (41, 13204), (56, 13267), (78, 13363), (88, 13411), (90, 13417), (102, 13465), (118, 13537), (127, 13567), (132, 13588), (145, 13648), (151, 13669), (170, 13735), (198, 13876), (199, 13879),

Gene: Ramiel05_27 Start: 15684, Stop: 16514, Start Num: 26
Candidate Starts for Ramiel05_27:
(Start: 26 @15684 has 80 MA's), (Start: 55 @15795 has 2 MA's), (Start: 72 @15867 has 1 MA's), (90, 15927), (120, 16077), (126, 16104), (131, 16128), (133, 16143), (143, 16182), (144, 16191), (146, 16203), (193, 16425), (207, 16479),

Gene: Rasputia_58 Start: 32048, Stop: 32869, Start Num: 23
Candidate Starts for Rasputia_58:
(Start: 23 @32048 has 1 MA's), (Start: 55 @32165 has 2 MA's), (65, 32201), (70, 32225), (95, 32324), (132, 32477), (150, 32558), (169, 32621), (172, 32639), (189, 32726), (206, 32798),

Gene: RawrgerThat_13 Start: 13340, Stop: 14134, Start Num: 16
Candidate Starts for RawrgerThat_13:
(Start: 16 @13340 has 364 MA's), (28, 13361), (32, 13373), (56, 13472), (88, 13610), (102, 13664), (107, 13685), (112, 13706), (114, 13712), (118, 13736), (132, 13799), (142, 13841), (170, 13937), (178, 13979), (187, 14021), (195, 14063), (208, 14111),

Gene: Reccee_15 Start: 13530, Stop: 14336, Start Num: 16
Candidate Starts for Reccee_15:
(Start: 16 @13530 has 364 MA's), (29, 13545), (37, 13572), (42, 13596), (48, 13620), (89, 13824), (90, 13827), (109, 13905), (118, 13947), (122, 13965), (128, 13983), (133, 14010), (137, 14022), (152, 14082), (170, 14139), (173, 14157), (178, 14181), (187, 14223), (194, 14259),

Gene: RedMaple_12 Start: 11596, Stop: 12399, Start Num: 16
Candidate Starts for RedMaple_12:
(Start: 16 @11596 has 364 MA's), (28, 11617), (32, 11629), (35, 11641), (74, 11803), (90, 11872), (102, 11920), (118, 11992), (131, 12037), (135, 12061), (147, 12112), (168, 12166), (178, 12223), (186, 12262),

Gene: RedRaider89_13 Start: 11834, Stop: 12637, Start Num: 16
Candidate Starts for RedRaider89_13:
(Start: 16 @11834 has 364 MA's), (28, 11855), (32, 11867), (35, 11879), (74, 12041), (90, 12110), (102, 12158), (118, 12230), (131, 12275), (135, 12299), (147, 12350), (168, 12404), (178, 12461), (186, 12500),

Gene: Renkei_12 Start: 12259, Stop: 13053, Start Num: 16
Candidate Starts for Renkei_12:
(Start: 16 @12259 has 364 MA's), (28, 12280), (31, 12289), (44, 12346), (56, 12391), (88, 12529), (102, 12583), (107, 12604), (112, 12625), (114, 12631), (142, 12760), (170, 12856), (173, 12874), (178, 12898), (187, 12940), (195, 12982), (208, 13030),

Gene: Reprobate_14 Start: 13592, Stop: 14398, Start Num: 16
Candidate Starts for Reprobate_14:
(Start: 16 @13592 has 364 MA's), (28, 13604), (48, 13682), (89, 13886), (90, 13889), (102, 13937), (107, 13958), (118, 14009), (133, 14072), (152, 14144), (170, 14201), (194, 14321),

Gene: Rhinoforte_16 Start: 14649, Stop: 15467, Start Num: 12
Candidate Starts for Rhinoforte_16:
(Start: 12 @14649 has 38 MA's), (56, 14793), (75, 14874), (87, 14928), (88, 14934), (103, 14994), (113, 15033), (120, 15072), (132, 15111), (158, 15207), (170, 15255), (178, 15297), (185, 15333), (199, 15399),

Gene: Ribeye_22 Start: 17792, Stop: 18619, Start Num: 17

Candidate Starts for Ribeye_22:
(Start: 17 @17792 has 52 MA's), (22, 17801), (53, 17903), (77, 17993), (111, 18134), (120, 18182), (131, 18233), (143, 18287), (157, 18338), (162, 18356), (170, 18386), (172, 18407), (175, 18443), (181, 18473), (196, 18554), (200, 18572), (203, 18587), (209, 18605),

Gene: Rich_14 Start: 13348, Stop: 14154, Start Num: 16
Candidate Starts for Rich_14:
(Start: 16 @13348 has 364 MA's), (29, 13363), (37, 13390), (42, 13414), (48, 13438), (89, 13642), (90, 13645), (109, 13723), (116, 13753), (118, 13765), (133, 13828), (137, 13840), (170, 13957), (178, 13999), (187, 14041), (194, 14077),

Gene: Ricotta_12 Start: 11308, Stop: 12111, Start Num: 16
Candidate Starts for Ricotta_12:
(Start: 16 @11308 has 364 MA's), (28, 11329), (32, 11341), (35, 11353), (74, 11515), (90, 11584), (102, 11632), (118, 11704), (131, 11749), (135, 11773), (147, 11824), (168, 11878), (178, 11935), (186, 11974),

Gene: Riggan_13 Start: 11606, Stop: 12403, Start Num: 16
Candidate Starts for Riggan_13:
(Start: 16 @11606 has 364 MA's), (28, 11627), (32, 11639), (35, 11651), (74, 11813), (90, 11882), (102, 11930), (118, 12002), (131, 12047), (135, 12071), (147, 12122), (168, 12176), (178, 12233), (186, 12272),

Gene: Rimu_13 Start: 11302, Stop: 12105, Start Num: 16
Candidate Starts for Rimu_13:
(Start: 16 @11302 has 364 MA's), (28, 11323), (32, 11335), (35, 11347), (74, 11509), (90, 11578), (102, 11626), (118, 11698), (131, 11743), (135, 11767), (147, 11818), (168, 11872), (178, 11929), (186, 11968),

Gene: Rinkes_18 Start: 15361, Stop: 16194, Start Num: 16
Candidate Starts for Rinkes_18:
(Start: 16 @15361 has 364 MA's), (32, 15397), (51, 15475), (115, 15769), (122, 15805), (132, 15841), (141, 15880), (152, 15925), (156, 15931), (166, 15958), (174, 16015), (189, 16087), (198, 16132),

Gene: Rita130_14 Start: 13350, Stop: 14156, Start Num: 16
Candidate Starts for Rita130_14:
(Start: 16 @13350 has 364 MA's), (29, 13365), (37, 13392), (42, 13416), (48, 13440), (109, 13725), (118, 13767), (122, 13785), (128, 13803), (133, 13830), (137, 13842), (170, 13959), (173, 13977), (187, 14043), (194, 14079),

Gene: Rita1961_15 Start: 13135, Stop: 13944, Start Num: 14
Candidate Starts for Rita1961_15:
(Start: 14 @13135 has 50 MA's), (41, 13198), (56, 13261), (78, 13357), (88, 13405), (90, 13411), (102, 13459), (118, 13531), (127, 13561), (132, 13582), (145, 13642), (151, 13663), (170, 13729), (198, 13870), (199, 13873),

Gene: RiverRaider_22 Start: 16175, Stop: 17002, Start Num: 18
Candidate Starts for RiverRaider_22:
(Start: 17 @16172 has 52 MA's), (Start: 18 @16175 has 1 MA's), (22, 16181), (53, 16286), (111, 16517), (120, 16565), (131, 16616), (157, 16721), (162, 16739), (164, 16742), (170, 16769), (175, 16826), (179, 16850), (180, 16853), (181, 16856), (191, 16913), (196, 16937), (200, 16955),

Gene: Riverton_12 Start: 11602, Stop: 12405, Start Num: 16

Candidate Starts for Riverton_12:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: RoadKill_19 Start: 15230, Stop: 16060, Start Num: 13
Candidate Starts for RoadKill_19:
(Start: 13 @15230 has 16 MA's), (61, 15386), (64, 15398), (86, 15476), (106, 15560), (116, 15602), (120, 15629), (143, 15731), (146, 15752), (157, 15782), (179, 15911), (181, 15917), (185, 15938), (196, 15998),

Gene: RobsFeet_29 Start: 15807, Stop: 16619, Start Num: 26
Candidate Starts for RobsFeet_29:
(Start: 26 @15807 has 80 MA's), (54, 15909), (Start: 55 @15918 has 2 MA's), (57, 15927), (71, 15987), (Start: 72 @15990 has 1 MA's), (90, 16050), (119, 16185), (123, 16224), (143, 16308), (144, 16317), (183, 16473), (193, 16527), (207, 16581), (212, 16608),

Gene: Robyn_12 Start: 11157, Stop: 11960, Start Num: 16
Candidate Starts for Robyn_12:
(Start: 16 @11157 has 364 MA's), (28, 11178), (32, 11190), (35, 11202), (74, 11364), (90, 11433), (102, 11481), (118, 11553), (131, 11598), (135, 11622), (147, 11673), (168, 11727), (178, 11784), (186, 11823),

Gene: Rockwell_27 Start: 15684, Stop: 16514, Start Num: 26
Candidate Starts for Rockwell_27:
(Start: 26 @15684 has 80 MA's), (Start: 55 @15795 has 2 MA's), (Start: 72 @15867 has 1 MA's), (90, 15927), (120, 16077), (126, 16104), (131, 16128), (133, 16143), (143, 16182), (144, 16191), (146, 16203), (193, 16425), (207, 16479),

Gene: Rofo_21 Start: 17144, Stop: 17974, Start Num: 17
Candidate Starts for Rofo_21:
(Start: 17 @17144 has 52 MA's), (22, 17153), (53, 17258), (77, 17348), (90, 17402), (95, 17426), (111, 17489), (120, 17537), (126, 17564), (132, 17594), (157, 17693), (170, 17741), (175, 17798), (179, 17822), (181, 17828), (193, 17897), (196, 17909), (200, 17927), (203, 17942),

Gene: RogerDodger_23 Start: 14709, Stop: 15521, Start Num: 26
Candidate Starts for RogerDodger_23:
(Start: 26 @14709 has 80 MA's), (47, 14790), (87, 14940), (120, 15087), (128, 15123), (155, 15237), (209, 15507),

Gene: Roliet_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for Roliet_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: RomaT_15 Start: 13921, Stop: 14730, Start Num: 14
Candidate Starts for RomaT_15:
(Start: 14 @13921 has 50 MA's), (41, 13984), (56, 14047), (78, 14143), (88, 14191), (90, 14197), (102, 14245), (118, 14317), (127, 14347), (128, 14350), (132, 14368), (145, 14428), (151, 14449), (170, 14515), (198, 14656), (199, 14659),

Gene: Roscoe_14 Start: 11837, Stop: 12634, Start Num: 16

Candidate Starts for Roscoe_14:
(Start: 16 @11837 has 364 MA's), (28, 11858), (32, 11870), (35, 11882), (74, 12044), (90, 12113), (102, 12161), (118, 12233), (131, 12278), (135, 12302), (147, 12353), (168, 12407), (178, 12464), (186, 12503),

Gene: Rosebush_16 Start: 14649, Stop: 15467, Start Num: 12
Candidate Starts for Rosebush_16:
(Start: 12 @14649 has 38 MA's), (56, 14793), (75, 14874), (87, 14928), (88, 14934), (103, 14994), (113, 15033), (120, 15072), (132, 15111), (158, 15207), (170, 15255), (178, 15297), (185, 15333), (199, 15399),

Gene: Roy17_13 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for Roy17_13:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: SDcharge11_13 Start: 11595, Stop: 12398, Start Num: 16
Candidate Starts for SDcharge11_13:
(Start: 16 @11595 has 364 MA's), (28, 11616), (32, 11628), (35, 11640), (74, 11802), (90, 11871), (102, 11919), (118, 11991), (131, 12036), (135, 12060), (147, 12111), (168, 12165), (178, 12222), (186, 12261),

Gene: Sabella_16 Start: 14535, Stop: 15353, Start Num: 12
Candidate Starts for Sabella_16:
(Start: 12 @14535 has 38 MA's), (56, 14679), (75, 14760), (87, 14814), (88, 14820), (103, 14880), (113, 14919), (120, 14958), (132, 14997), (158, 15093), (170, 15141), (178, 15183), (185, 15219), (199, 15285),

Gene: Saguaro_15 Start: 14245, Stop: 15039, Start Num: 12
Candidate Starts for Saguaro_15:
(Start: 12 @14245 has 38 MA's), (Start: 18 @14260 has 1 MA's), (32, 14287), (45, 14341), (85, 14497), (86, 14506), (88, 14518), (102, 14572), (113, 14617), (127, 14683), (139, 14731), (147, 14773), (178, 14884), (195, 14968), (198, 14983), (208, 15016),

Gene: SallyH_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for SallyH_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Salvador_20 Start: 13830, Stop: 14642, Start Num: 26
Candidate Starts for Salvador_20:
(Start: 26 @13830 has 80 MA's), (47, 13911), (87, 14061), (120, 14208), (128, 14244), (155, 14358), (209, 14628),

Gene: Samaymay_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Samaymay_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Sampson_22 Start: 17485, Stop: 18309, Start Num: 25
Candidate Starts for Sampson_22:

(Start: 25 @17485 has 9 MA's), (Start: 43 @17557 has 6 MA's), (62, 17623), (79, 17698), (90, 17740), (105, 17797), (120, 17869), (125, 17890), (129, 17911), (143, 17971), (146, 17992), (153, 18013), (157, 18022), (164, 18043), (170, 18070), (175, 18127), (179, 18151), (181, 18157), (185, 18178), (195, 18235), (201, 18259),

Gene: Sanjuju_19 Start: 16656, Stop: 17486, Start Num: 17
Candidate Starts for Sanjuju_19:
(Start: 17 @16656 has 52 MA's), (22, 16665), (53, 16770), (77, 16860), (90, 16914), (95, 16938), (111, 17001), (120, 17049), (126, 17076), (157, 17205), (170, 17253), (175, 17310), (179, 17334), (181, 17340), (193, 17409), (196, 17421), (200, 17439), (203, 17454),

Gene: Saronaya_21 Start: 16571, Stop: 17398, Start Num: 17
Candidate Starts for Saronaya_21:
(Start: 17 @16571 has 52 MA's), (22, 16580), (53, 16682), (77, 16772), (111, 16913), (120, 16961), (131, 17012), (143, 17066), (157, 17117), (162, 17135), (170, 17165), (172, 17186), (175, 17222), (181, 17252), (196, 17333), (200, 17351), (203, 17366),

Gene: SassyCat97_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for SassyCat97_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Savannah_27 Start: 15711, Stop: 16541, Start Num: 26
Candidate Starts for Savannah_27:
(Start: 26 @15711 has 80 MA's), (Start: 55 @15822 has 2 MA's), (Start: 72 @15894 has 1 MA's), (90, 15954), (120, 16104), (126, 16131), (131, 16155), (133, 16170), (143, 16209), (144, 16218), (146, 16230), (193, 16452), (207, 16506),

Gene: Savbucketdawg_20 Start: 13611, Stop: 14423, Start Num: 26
Candidate Starts for Savbucketdawg_20:
(Start: 26 @13611 has 80 MA's), (47, 13692), (87, 13842), (120, 13989), (128, 14025), (155, 14139), (209, 14409),

Gene: Schadenfreude_12 Start: 11147, Stop: 11950, Start Num: 16
Candidate Starts for Schadenfreude_12:
(Start: 16 @11147 has 364 MA's), (28, 11168), (32, 11180), (35, 11192), (74, 11354), (90, 11423), (102, 11471), (118, 11543), (131, 11588), (135, 11612), (147, 11663), (168, 11717), (178, 11774), (186, 11813),

Gene: SchottB_20 Start: 17572, Stop: 18399, Start Num: 17
Candidate Starts for SchottB_20:
(Start: 17 @17572 has 52 MA's), (22, 17581), (53, 17683), (83, 17797), (111, 17914), (120, 17962), (131, 18013), (143, 18067), (157, 18118), (162, 18136), (170, 18166), (172, 18187), (175, 18223), (181, 18253), (196, 18334), (200, 18352), (203, 18367),

Gene: Schueller_12 Start: 11306, Stop: 12103, Start Num: 16
Candidate Starts for Schueller_12:
(Start: 16 @11306 has 364 MA's), (28, 11327), (32, 11339), (35, 11351), (74, 11513), (90, 11582), (102, 11630), (118, 11702), (131, 11747), (135, 11771), (147, 11822), (168, 11876), (178, 11933), (186, 11972),

Gene: Scioto_22 Start: 17540, Stop: 18364, Start Num: 25

Candidate Starts for Scioto_22:
(Start: 25 @17540 has 9 MA's), (Start: 43 @17612 has 6 MA's), (62, 17678), (79, 17753), (90, 17795), (105, 17852), (120, 17924), (125, 17945), (129, 17966), (143, 18026), (146, 18047), (153, 18068), (157, 18077), (164, 18098), (170, 18125), (175, 18182), (179, 18206), (181, 18212), (185, 18233), (195, 18290), (201, 18314),

Gene: Scoot17C_13 Start: 11603, Stop: 12406, Start Num: 16
Candidate Starts for Scoot17C_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: Scrick_12 Start: 11310, Stop: 12113, Start Num: 16
Candidate Starts for Scrick_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Scumberland_29 Start: 15899, Stop: 16729, Start Num: 26
Candidate Starts for Scumberland_29:
(Start: 26 @15899 has 80 MA's), (Start: 55 @16010 has 2 MA's), (Start: 72 @16082 has 1 MA's), (90, 16142), (120, 16292), (126, 16319), (131, 16343), (133, 16358), (143, 16397), (144, 16406), (146, 16418), (193, 16640), (207, 16694),

Gene: Sedona_23 Start: 18961, Stop: 19791, Start Num: 17
Candidate Starts for Sedona_23:
(Start: 17 @18961 has 52 MA's), (22, 18970), (53, 19075), (77, 19165), (83, 19189), (90, 19219), (95, 19243), (111, 19306), (120, 19354), (126, 19381), (157, 19510), (170, 19558), (175, 19615), (179, 19639), (181, 19645), (193, 19714), (196, 19726), (200, 19744), (203, 19759),

Gene: Sejanus_11 Start: 11588, Stop: 12436, Start Num: 16
Candidate Starts for Sejanus_11:
(Start: 16 @11588 has 364 MA's), (Start: 26 @11603 has 80 MA's), (56, 11714), (60, 11726), (69, 11759), (90, 11861), (102, 11909), (114, 11957), (118, 11981), (130, 12023), (161, 12131), (170, 12176), (173, 12194), (187, 12260), (189, 12272), (194, 12296), (198, 12317), (208, 12350),

Gene: Selr12_13 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Selr12_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Selwyn23_29 Start: 15877, Stop: 16707, Start Num: 26
Candidate Starts for Selwyn23_29:
(Start: 26 @15877 has 80 MA's), (Start: 55 @15988 has 2 MA's), (Start: 72 @16060 has 1 MA's), (90, 16120), (120, 16270), (126, 16297), (131, 16321), (133, 16336), (143, 16375), (144, 16384), (146, 16396), (193, 16618), (207, 16672),

Gene: Serendipitous_14 Start: 13398, Stop: 14204, Start Num: 16
Candidate Starts for Serendipitous_14:
(Start: 16 @13398 has 364 MA's), (48, 13488), (89, 13692), (109, 13773), (118, 13815), (128, 13851), (133, 13878), (152, 13950), (170, 14007), (178, 14049), (187, 14091), (194, 14127),

Gene: Serendipity_13 Start: 11605, Stop: 12408, Start Num: 16

Candidate Starts for Serendipity_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650) (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Serpentine_0013 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Serpentine_0013:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650) (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: ShadowBud_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for ShadowBud_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650) (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Shatter_12 Start: 11636, Stop: 12418, Start Num: 16
Candidate Starts for Shatter_12:
(Start: 16 @11636 has 364 MA's), (24, 11648), (45, 11726), (178, 12272), (179, 12287), (185, 12308), (194, 12350), (195, 12356), (205, 12395),

Gene: Sheila_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for Sheila_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Shenandoah_15 Start: 13119, Stop: 13928, Start Num: 14
Candidate Starts for Shenandoah_15:
(Start: 14 @13119 has 50 MA's), (41, 13182), (56, 13245), (78, 13341), (88, 13389), (90, 13395), (102, 13443), (118, 13515), (127, 13545), (128, 13548), (132, 13566), (145, 13626), (151, 13647), (170, 13713), (198, 13854), (199, 13857),

Gene: Shenyu_14 Start: 13334, Stop: 14140, Start Num: 16
Candidate Starts for Shenyu_14:
(Start: 16 @13334 has 364 MA's), (48, 13424), (89, 13628), (109, 13709), (118, 13751), (133, 13814), (137, 13826), (152, 13886), (170, 13943), (178, 13985), (194, 14063), (208, 14117),

Gene: ShiVal_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for ShiVal_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Shinji_20 Start: 13800, Stop: 14612, Start Num: 26
Candidate Starts for Shinji_20:
(Start: 26 @13800 has 80 MA's), (47, 13881), (87, 14031), (120, 14178), (128, 14214), (155, 14328), (209, 14598),

Gene: Shivanishola_21 Start: 16950, Stop: 17780, Start Num: 17
Candidate Starts for Shivanishola_21:
(Start: 17 @16950 has 52 MA's), (22, 16959), (53, 17064), (77, 17154), (90, 17208), (95, 17232), (111, 17295), (120, 17343), (126, 17370), (130, 17391), (132, 17400), (157, 17499), (170, 17547), (175,

17604), (179, 17628), (181, 17634), (193, 17703), (196, 17715), (200, 17733), (203, 17748),

Gene: Shotgun_27 Start: 15509, Stop: 16339, Start Num: 26
Candidate Starts for Shotgun_27:
(Start: 26 @15509 has 80 MA's), (Start: 55 @15620 has 2 MA's), (Start: 72 @15692 has 1 MA's), (90, 15752), (120, 15902), (126, 15929), (131, 15953), (133, 15968), (143, 16007), (144, 16016), (146, 16028), (193, 16250), (207, 16304),

Gene: Shrubaron_28 Start: 15441, Stop: 16253, Start Num: 26
Candidate Starts for Shrubaron_28:
(Start: 26 @15441 has 80 MA's), (54, 15543), (Start: 55 @15552 has 2 MA's), (57, 15561), (71, 15621), (Start: 72 @15624 has 1 MA's), (90, 15684), (119, 15819), (123, 15858), (143, 15942), (144, 15951), (183, 16107), (193, 16161), (207, 16215), (212, 16242),

Gene: Sigman_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for Sigman_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: SilverBell_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for SilverBell_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Simielle_12 Start: 11300, Stop: 12097, Start Num: 16
Candidate Starts for Simielle_12:
(Start: 16 @11300 has 364 MA's), (28, 11321), (32, 11333), (35, 11345), (74, 11507), (90, 11576), (102, 11624), (118, 11696), (131, 11741), (135, 11765), (147, 11816), (168, 11870), (178, 11927), (186, 11966),

Gene: SirBeauregard_12 Start: 11263, Stop: 12066, Start Num: 16
Candidate Starts for SirBeauregard_12:
(Start: 16 @11263 has 364 MA's), (28, 11284), (32, 11296), (35, 11308), (74, 11470), (90, 11539), (102, 11587), (118, 11659), (131, 11704), (135, 11728), (147, 11779), (168, 11833), (178, 11890), (186, 11929),

Gene: SirFrank_27 Start: 15623, Stop: 16453, Start Num: 26
Candidate Starts for SirFrank_27:
(Start: 26 @15623 has 80 MA's), (Start: 55 @15734 has 2 MA's), (Start: 72 @15806 has 1 MA's), (120, 16016), (126, 16043), (131, 16067), (133, 16082), (144, 16130), (146, 16142), (179, 16289), (183, 16310), (193, 16364), (207, 16418),

Gene: SirJeffery_14 Start: 13351, Stop: 14157, Start Num: 16
Candidate Starts for SirJeffery_14:
(Start: 16 @13351 has 364 MA's), (29, 13366), (37, 13393), (48, 13441), (109, 13726), (118, 13768), (122, 13786), (128, 13804), (133, 13831), (137, 13843), (152, 13903), (170, 13960), (173, 13978), (178, 14002), (187, 14044), (194, 14080),

Gene: Sisko_12 Start: 11968, Stop: 12750, Start Num: 16
Candidate Starts for Sisko_12:
(Start: 16 @11968 has 364 MA's), (32, 12007), (45, 12061), (103, 12301), (109, 12325), (143, 12463), (146, 12484), (173, 12580), (177, 12601), (179, 12619), (187, 12646), (205, 12727),

Gene: Sitar_23 Start: 18329, Stop: 19159, Start Num: 17
Candidate Starts for Sitar_23:
(Start: 17 @18329 has 52 MA's), (22, 18338), (53, 18443), (77, 18533), (83, 18557), (90, 18587), (95, 18611), (111, 18674), (120, 18722), (126, 18749), (157, 18878), (170, 18926), (175, 18983), (179, 19007), (181, 19013), (193, 19082), (196, 19094), (200, 19112), (203, 19127),

Gene: Skippy_13 Start: 11605, Stop: 12402, Start Num: 16
Candidate Starts for Skippy_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Skugga_26 Start: 15141, Stop: 15956, Start Num: 26
Candidate Starts for Skugga_26:
(Start: 26 @15141 has 80 MA's), (54, 15243), (Start: 55 @15252 has 2 MA's), (57, 15261), (Start: 72 @15324 has 1 MA's), (89, 15381), (123, 15558), (133, 15603), (144, 15651), (183, 15807), (193, 15861),

Gene: Slatt_13 Start: 11607, Stop: 12410, Start Num: 16
Candidate Starts for Slatt_13:
(Start: 16 @11607 has 364 MA's), (28, 11628), (32, 11640), (35, 11652), (74, 11814), (90, 11883), (102, 11931), (118, 12003), (131, 12048), (135, 12072), (147, 12123), (168, 12177), (178, 12234), (186, 12273),

Gene: SlippinJimmy_15 Start: 13905, Stop: 14714, Start Num: 14
Candidate Starts for SlippinJimmy_15:
(Start: 14 @13905 has 50 MA's), (41, 13968), (56, 14031), (78, 14127), (88, 14175), (90, 14181), (102, 14229), (118, 14301), (127, 14331), (128, 14334), (132, 14352), (145, 14412), (151, 14433), (170, 14499), (198, 14640), (199, 14643),

Gene: Smarties_36 Start: 17634, Stop: 18449, Start Num: 26
Candidate Starts for Smarties_36:
(Start: 26 @17634 has 80 MA's), (54, 17736), (Start: 55 @17745 has 2 MA's), (57, 17754), (90, 17877), (123, 18051), (144, 18144), (183, 18300), (193, 18354), (208, 18411), (211, 18435),

Gene: SmokingBunny_20 Start: 13830, Stop: 14642, Start Num: 26
Candidate Starts for SmokingBunny_20:
(Start: 26 @13830 has 80 MA's), (47, 13911), (87, 14061), (120, 14208), (128, 14244), (155, 14358), (209, 14628),

Gene: Soile_13 Start: 11308, Stop: 12111, Start Num: 16
Candidate Starts for Soile_13:
(Start: 16 @11308 has 364 MA's), (28, 11329), (32, 11341), (35, 11353), (74, 11515), (90, 11584), (102, 11632), (118, 11704), (131, 11749), (135, 11773), (147, 11824), (168, 11878), (178, 11935), (186, 11974),

Gene: Solosis_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Solosis_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Soos_41 Start: 24289, Stop: 25056, Start Num: 16
Candidate Starts for Soos_41:
(Start: 16 @24289 has 364 MA's), (40, 24355), (49, 24391), (93, 24562), (95, 24565), (130, 24715), (143, 24769), (179, 24925), (181, 24931), (198, 25009), (206, 25036),

Gene: Sophia_12 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Sophia_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Soto_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Soto_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Sour_15 Start: 13282, Stop: 14088, Start Num: 6
Candidate Starts for Sour_15:
(Start: 6 @13282 has 1 MA's), (Start: 16 @13324 has 364 MA's), (32, 13348), (Start: 43 @13399 has 6 MA's), (50, 13423), (56, 13447), (84, 13555), (103, 13639), (104, 13645), (130, 13747), (132, 13756), (146, 13822), (170, 13900), (177, 13939), (186, 13981),

Gene: Spartan300_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for Spartan300_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Squid_13 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Squid_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Squiggle_13 Start: 11309, Stop: 12106, Start Num: 16
Candidate Starts for Squiggle_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: StAugustine_18 Start: 15471, Stop: 16352, Start Num: 16
Candidate Starts for StAugustine_18:
(Start: 16 @15471 has 364 MA's), (24, 15483), (89, 15759), (92, 15777), (130, 15924), (154, 16023), (157, 16029), (168, 16068), (170, 16083), (173, 16101), (176, 16119), (208, 16284),

Gene: Stillion_45 Start: 24874, Stop: 25641, Start Num: 16
Candidate Starts for Stillion_45:
(Start: 16 @24874 has 364 MA's), (40, 24940), (49, 24976), (93, 25147), (95, 25150), (130, 25300), (143, 25354), (179, 25510), (181, 25516), (198, 25594), (206, 25621),

Gene: Sting_44 Start: 24728, Stop: 25495, Start Num: 16
Candidate Starts for Sting_44:

(Start: 16 @24728 has 364 MA's), (40, 24794), (49, 24830), (93, 25001), (95, 25004), (130, 25154), (143, 25208), (179, 25364), (181, 25370), (198, 25448), (206, 25475),

Gene: Stinger_11 Start: 11803, Stop: 12600, Start Num: 16
Candidate Starts for Stinger_11:
(Start: 16 @11803 has 364 MA's), (31, 11830), (44, 11887), (56, 11932), (88, 12070), (102, 12124), (107, 12145), (112, 12166), (114, 12172), (118, 12196), (142, 12301), (168, 12388), (173, 12421), (178, 12445), (187, 12487), (195, 12529), (208, 12577),

Gene: StinkyVeggy_15 Start: 13490, Stop: 14296, Start Num: 16
Candidate Starts for StinkyVeggy_15:
(Start: 16 @13490 has 364 MA's), (89, 13784), (109, 13865), (118, 13907), (133, 13970), (137, 13982), (152, 14042), (170, 14099), (178, 14141), (194, 14219), (208, 14273),

Gene: StorminNorm_21 Start: 16451, Stop: 17278, Start Num: 17
Candidate Starts for StorminNorm_21:
(Start: 17 @16451 has 52 MA's), (22, 16460), (53, 16562), (59, 16589), (77, 16652), (83, 16676), (111, 16793), (120, 16841), (131, 16892), (143, 16946), (157, 16997), (162, 17015), (170, 17045), (172, 17066), (175, 17102), (181, 17132), (196, 17213), (200, 17231), (203, 17246),

Gene: Struggle_12 Start: 11155, Stop: 11952, Start Num: 16
Candidate Starts for Struggle_12:
(Start: 16 @11155 has 364 MA's), (28, 11176), (32, 11188), (35, 11200), (90, 11431), (102, 11479), (118, 11551), (131, 11596), (135, 11620), (147, 11671), (168, 11725), (178, 11782), (186, 11821),

Gene: Stultus_21 Start: 16940, Stop: 17770, Start Num: 17
Candidate Starts for Stultus_21:
(Start: 17 @16940 has 52 MA's), (22, 16949), (53, 17054), (77, 17144), (83, 17168), (90, 17198), (95, 17222), (111, 17285), (120, 17333), (126, 17360), (157, 17489), (170, 17537), (175, 17594), (179, 17618), (181, 17624), (193, 17693), (196, 17705), (200, 17723), (203, 17738),

Gene: Suffolk_13 Start: 11601, Stop: 12404, Start Num: 16
Candidate Starts for Suffolk_13:
(Start: 16 @11601 has 364 MA's), (28, 11622), (32, 11634), (35, 11646), (74, 11808), (90, 11877), (102, 11925), (118, 11997), (131, 12042), (135, 12066), (147, 12117), (168, 12171), (178, 12228), (186, 12267),

Gene: Suigeneris_14 Start: 13351, Stop: 14157, Start Num: 16
Candidate Starts for Suigeneris_14:
(Start: 16 @13351 has 364 MA's), (29, 13366), (37, 13393), (48, 13441), (109, 13726), (118, 13768), (122, 13786), (128, 13804), (133, 13831), (137, 13843), (152, 13903), (170, 13960), (173, 13978), (178, 14002), (187, 14044), (194, 14080),

Gene: Sunny_ Start: 15926, Stop: 16729, Start Num: 26
Candidate Starts for Sunny_:
(Start: 26 @15926 has 80 MA's), (54, 16028), (Start: 55 @16037 has 2 MA's), (57, 16046), (94, 16193), (123, 16340), (138, 16403), (143, 16424), (144, 16433), (183, 16589), (193, 16643), (207, 16697),

Gene: Surely_13 Start: 11605, Stop: 12408, Start Num: 16
Candidate Starts for Surely_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: SwainyDoc_15 Start: 13138, Stop: 13947, Start Num: 14
Candidate Starts for SwainyDoc_15:
(Start: 14 @13138 has 50 MA's), (41, 13201), (56, 13264), (78, 13360), (88, 13408), (90, 13414), (102, 13462), (118, 13534), (127, 13564), (132, 13585), (145, 13645), (151, 13666), (170, 13732), (198, 13873), (199, 13876),

Gene: Swiphy_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Swiphy_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Swish_13 Start: 11603, Stop: 12400, Start Num: 16
Candidate Starts for Swish_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: SynergyX_15 Start: 13141, Stop: 13950, Start Num: 14
Candidate Starts for SynergyX_15:
(Start: 14 @13141 has 50 MA's), (41, 13204), (56, 13267), (78, 13363), (88, 13411), (90, 13417), (102, 13465), (118, 13537), (127, 13567), (132, 13588), (145, 13648), (151, 13669), (170, 13735), (198, 13876), (199, 13879),

Gene: TA17A_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for TA17A_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877), (113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216), (199, 15282),

Gene: TPA2_22 Start: 14324, Stop: 15103, Start Num: 16
Candidate Starts for TPA2_22:
(5, 14264), (Start: 16 @14324 has 364 MA's), (32, 14357), (46, 14414), (118, 14711), (132, 14762), (149, 14837), (178, 14948), (189, 15002), (192, 15020), (195, 15032),

Gene: TallGrassMM_13 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for TallGrassMM_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Tangent_19 Start: 16145, Stop: 16975, Start Num: 17
Candidate Starts for Tangent_19:
(Start: 17 @16145 has 52 MA's), (22, 16154), (53, 16259), (77, 16349), (90, 16403), (95, 16427), (111, 16490), (120, 16538), (126, 16565), (130, 16586), (132, 16595), (157, 16694), (170, 16742), (175, 16799), (179, 16823), (181, 16829), (193, 16898), (196, 16910), (200, 16928), (203, 16943),

Gene: Tangerine_21 Start: 16457, Stop: 17284, Start Num: 17
Candidate Starts for Tangerine_21:
(Start: 17 @16457 has 52 MA's), (22, 16466), (53, 16568), (59, 16595), (77, 16658), (83, 16682), (111, 16799), (120, 16847), (131, 16898), (143, 16952), (157, 17003), (162, 17021), (170, 17051), (172, 17072), (175, 17108), (181, 17138), (196, 17219), (200, 17237), (203, 17252),

Gene: Taptic_10 Start: 12673, Stop: 13449, Start Num: 16
Candidate Starts for Taptic_10:
(Start: 16 @12673 has 364 MA's), (32, 12694), (33, 12697), (38, 12715), (45, 12748), (58, 12802), (60, 12808), (69, 12841), (102, 12988), (108, 13012), (109, 13018), (130, 13102), (149, 13186), (163, 13228), (185, 13333), (188, 13339), (199, 13399),

Gene: Tardus_23 Start: 16820, Stop: 17644, Start Num: 25
Candidate Starts for Tardus_23:
(Start: 25 @16820 has 9 MA's), (Start: 43 @16892 has 6 MA's), (90, 17075), (105, 17132), (120, 17204), (125, 17225), (143, 17306), (146, 17327), (157, 17357), (164, 17378), (170, 17405), (175, 17462), (179, 17486), (181, 17492), (185, 17513), (195, 17570), (201, 17594),

Gene: Teamocil_29 Start: 15303, Stop: 16118, Start Num: 26
Candidate Starts for Teamocil_29:
(Start: 26 @15303 has 80 MA's), (54, 15405), (Start: 55 @15414 has 2 MA's), (57, 15423), (71, 15483), (119, 15681), (123, 15720), (133, 15765), (143, 15804), (144, 15813), (183, 15969), (193, 16023), (207, 16077),

Gene: Telesworld_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Telesworld_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Terij_24 Start: 15272, Stop: 16039, Start Num: 43
Candidate Starts for Terij_24:
(Start: 26 @15203 has 80 MA's), (Start: 43 @15272 has 6 MA's), (89, 15452), (119, 15587), (123, 15626), (131, 15656), (143, 15710), (144, 15719), (169, 15803), (170, 15806), (178, 15839), (179, 15854), (184, 15878), (193, 15929), (199, 15956), (210, 16001), (215, 16028),

Gene: Thing3_22 Start: 17689, Stop: 18519, Start Num: 17
Candidate Starts for Thing3_22:
(Start: 17 @17689 has 52 MA's), (22, 17698), (53, 17803), (77, 17893), (90, 17947), (95, 17971), (111, 18034), (120, 18082), (126, 18109), (157, 18238), (170, 18286), (175, 18343), (179, 18367), (181, 18373), (193, 18442), (196, 18454), (200, 18472), (203, 18487),

Gene: Thonko_14 Start: 11261, Stop: 12043, Start Num: 16
Candidate Starts for Thonko_14:
(Start: 16 @11261 has 364 MA's), (28, 11273), (32, 11285), (102, 11579), (120, 11663), (135, 11732),

Gene: Thora_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Thora_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: ThreeOh3D2_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for ThreeOh3D2_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: Thunderbird_12 Start: 11305, Stop: 12108, Start Num: 16

Candidate Starts for Thunderbird_12:
(Start: 16 @11305 has 364 MA's), (28, 11326), (32, 11338), (35, 11350), (74, 11512), (90, 11581), (102, 11629), (118, 11701), (131, 11746), (135, 11770), (147, 11821), (168, 11875), (178, 11932), (186, 11971),

Gene: Tiamoceli_22 Start: 16582, Stop: 17412, Start Num: 13
Candidate Starts for Tiamoceli_22:
(Start: 13 @16582 has 16 MA's), (61, 16738), (64, 16750), (86, 16828), (106, 16912), (116, 16954), (120, 16981), (143, 17083), (157, 17134), (179, 17263), (181, 17269), (185, 17290), (196, 17350), (199, 17365),

Gene: TillyBobJoe_20 Start: 13614, Stop: 14426, Start Num: 26
Candidate Starts for TillyBobJoe_20:
(Start: 26 @13614 has 80 MA's), (47, 13695), (87, 13845), (120, 13992), (128, 14028), (155, 14142), (209, 14412),

Gene: Timmi_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Timmi_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Tinciduntsolum_17 Start: 14651, Stop: 15469, Start Num: 12
Candidate Starts for Tinciduntsolum_17:
(Start: 12 @14651 has 38 MA's), (56, 14795), (75, 14876), (87, 14930), (88, 14936), (103, 14996), (113, 15035), (120, 15074), (132, 15113), (158, 15209), (170, 15257), (178, 15299), (185, 15335), (199, 15401),

Gene: TinyTerror_15 Start: 13140, Stop: 13949, Start Num: 14
Candidate Starts for TinyTerror_15:
(Start: 14 @13140 has 50 MA's), (41, 13203), (56, 13266), (78, 13362), (88, 13410), (90, 13416), (102, 13464), (118, 13536), (127, 13566), (132, 13587), (145, 13647), (151, 13668), (170, 13734), (198, 13875), (199, 13878),

Gene: Togo_20 Start: 13830, Stop: 14642, Start Num: 26
Candidate Starts for Togo_20:
(Start: 26 @13830 has 80 MA's), (47, 13911), (87, 14061), (120, 14208), (128, 14244), (155, 14358), (209, 14628),

Gene: TomBombadil_13 Start: 11605, Stop: 12402, Start Num: 16
Candidate Starts for TomBombadil_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881), (102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232), (186, 12271),

Gene: Tomlarah_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Tomlarah_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Toni_12 Start: 11313, Stop: 12110, Start Num: 16
Candidate Starts for Toni_12:

(Start: 16 @11313 has 364 MA's), (28, 11334), (32, 11346), (35, 11358), (74, 11520), (90, 11589), (102, 11637), (118, 11709), (131, 11754), (135, 11778), (147, 11829), (168, 11883), (178, 11940), (186, 11979),

Gene: Tonitrus_31 Start: 21138, Stop: 21920, Start Num: 16
Candidate Starts for Tonitrus_31:
(10, 21117), (Start: 16 @21138 has 364 MA's), (29, 21162), (36, 21186), (56, 21267), (90, 21399), (114, 21495), (130, 21579), (133, 21597), (140, 21624), (143, 21633), (160, 21687), (165, 21708), (182, 21795), (189, 21828), (200, 21879),

Gene: TooFast2Furius_14 Start: 11837, Stop: 12640, Start Num: 16
Candidate Starts for TooFast2Furius_14:
(Start: 16 @11837 has 364 MA's), (28, 11858), (32, 11870), (35, 11882), (74, 12044), (90, 12113), (102, 12161), (118, 12233), (131, 12278), (135, 12302), (147, 12353), (168, 12407), (178, 12464), (186, 12503),

Gene: Tooj_13 Start: 11603, Stop: 12406, Start Num: 16
Candidate Starts for Tooj_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (74, 11810), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: TraderJ_14 Start: 13111, Stop: 13884, Start Num: 16
Candidate Starts for TraderJ_14:
(Start: 16 @13111 has 364 MA's), (56, 13243), (114, 13474), (130, 13540), (132, 13549), (170, 13693), (195, 13819), (198, 13834),

Gene: Tres_16 Start: 14532, Stop: 15350, Start Num: 12
Candidate Starts for Tres_16:
(Start: 12 @14532 has 38 MA's), (56, 14676), (75, 14757), (87, 14811), (88, 14817), (103, 14877), (113, 14916), (120, 14955), (132, 14994), (158, 15090), (170, 15138), (178, 15180), (185, 15216), (199, 15282),

Gene: Triad_13 Start: 11152, Stop: 11955, Start Num: 16
Candidate Starts for Triad_13:
(Start: 16 @11152 has 364 MA's), (28, 11173), (32, 11185), (35, 11197), (74, 11359), (90, 11428), (102, 11476), (118, 11548), (131, 11593), (135, 11617), (147, 11668), (168, 11722), (178, 11779), (186, 11818),

Gene: True_12 Start: 11310, Stop: 12107, Start Num: 16
Candidate Starts for True_12:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (90, 11586), (102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937), (186, 11976),

Gene: Trypo_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for Trypo_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Twister6_22 Start: 14256, Stop: 15068, Start Num: 26
Candidate Starts for Twister6_22:

(Start: 26 @14256 has 80 MA's), (47, 14337), (87, 14487), (120, 14634), (128, 14670), (155, 14784), (209, 15054),

Gene: Twonlo_19 Start: 15199, Stop: 16029, Start Num: 13
Candidate Starts for Twonlo_19:
(Start: 13 @15199 has 16 MA's), (61, 15355), (64, 15367), (86, 15445), (96, 15490), (106, 15529), (116, 15571), (120, 15598), (143, 15700), (157, 15751), (179, 15880), (181, 15886), (185, 15907), (196, 15967), (199, 15982),

Gene: Tycho_21 Start: 16586, Stop: 17413, Start Num: 17
Candidate Starts for Tycho_21:
(Start: 17 @16586 has 52 MA's), (22, 16595), (53, 16697), (77, 16787), (111, 16928), (120, 16976), (131, 17027), (143, 17081), (157, 17132), (162, 17150), (170, 17180), (172, 17201), (175, 17237), (181, 17267), (196, 17348), (200, 17366), (203, 17381),

Gene: Tydolla_15 Start: 13878, Stop: 14687, Start Num: 14
Candidate Starts for Tydolla_15:
(Start: 14 @13878 has 50 MA's), (41, 13941), (56, 14004), (78, 14100), (88, 14148), (90, 14154), (102, 14202), (118, 14274), (127, 14304), (132, 14325), (145, 14385), (151, 14406), (170, 14472), (198, 14613), (199, 14616),

Gene: TyrionL_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for TyrionL_12:
(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Tyrumbra_26 Start: 14883, Stop: 15692, Start Num: 26
Candidate Starts for Tyrumbra_26:
(Start: 26 @14883 has 80 MA's), (54, 14985), (Start: 55 @14994 has 2 MA's), (57, 15003), (71, 15063), (Start: 72 @15066 has 1 MA's), (90, 15126), (119, 15261), (123, 15300), (143, 15384), (144, 15393), (183, 15549), (193, 15603), (207, 15657), (211, 15681),

Gene: UAch1_13 Start: 11602, Stop: 12405, Start Num: 16
Candidate Starts for UAch1_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: UncleHowie_13 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for UncleHowie_13:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Usavi_13 Start: 11599, Stop: 12402, Start Num: 16
Candidate Starts for Usavi_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: Vaishali24_12 Start: 11274, Stop: 12077, Start Num: 16
Candidate Starts for Vaishali24_12:

(Start: 16 @11274 has 364 MA's), (28, 11295), (32, 11307), (35, 11319), (74, 11481), (90, 11550), (102, 11598), (118, 11670), (131, 11715), (135, 11739), (147, 11790), (168, 11844), (178, 11901), (186, 11940),

Gene: Valary_23 Start: 14709, Stop: 15521, Start Num: 26
Candidate Starts for Valary_23:
(Start: 26 @14709 has 80 MA's), (47, 14790), (87, 14940), (120, 15087), (128, 15123), (155, 15237), (209, 15507),

Gene: Valjean_13 Start: 11602, Stop: 12399, Start Num: 16
Candidate Starts for Valjean_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: VanDeWege_23 Start: 14637, Stop: 15449, Start Num: 26
Candidate Starts for VanDeWege_23:
(Start: 26 @14637 has 80 MA's), (47, 14718), (87, 14868), (120, 15015), (128, 15051), (155, 15165), (209, 15435),

Gene: Vaticameos_13 Start: 11306, Stop: 12103, Start Num: 16
Candidate Starts for Vaticameos_13:
(Start: 16 @11306 has 364 MA's), (28, 11327), (32, 11339), (35, 11351), (74, 11513), (90, 11582), (102, 11630), (118, 11702), (131, 11747), (135, 11771), (147, 11822), (168, 11876), (178, 11933), (186, 11972),

Gene: Veritas_12 Start: 11149, Stop: 11946, Start Num: 16
Candidate Starts for Veritas_12:
(Start: 16 @11149 has 364 MA's), (28, 11170), (32, 11182), (35, 11194), (90, 11425), (102, 11473), (118, 11545), (131, 11590), (135, 11614), (147, 11665), (168, 11719), (178, 11776), (186, 11815),

Gene: Verity_22 Start: 17000, Stop: 17824, Start Num: 25
Candidate Starts for Verity_22:
(Start: 25 @17000 has 9 MA's), (Start: 43 @17072 has 6 MA's), (90, 17255), (98, 17282), (105, 17312), (120, 17384), (125, 17405), (143, 17486), (157, 17537), (164, 17558), (170, 17585), (175, 17642), (179, 17666), (181, 17672), (183, 17687), (185, 17693), (201, 17774), (203, 17786),

Gene: ViaConlectus_23 Start: 17552, Stop: 18376, Start Num: 25
Candidate Starts for ViaConlectus_23:
(Start: 25 @17552 has 9 MA's), (Start: 43 @17624 has 6 MA's), (62, 17690), (90, 17807), (105, 17864), (120, 17936), (125, 17957), (143, 18038), (146, 18059), (157, 18089), (164, 18110), (170, 18137), (179, 18218), (181, 18224), (185, 18245), (192, 18290), (195, 18302), (201, 18326),

Gene: Vic9_00016 Start: 14972, Stop: 15790, Start Num: 12
Candidate Starts for Vic9_00016:
(Start: 12 @14972 has 38 MA's), (56, 15116), (58, 15122), (87, 15251), (88, 15257), (103, 15317), (113, 15356), (120, 15395), (132, 15434), (158, 15530), (170, 15578), (178, 15620), (185, 15656), (199, 15722),

Gene: Vincenzo_14 Start: 14119, Stop: 14907, Start Num: 16
Candidate Starts for Vincenzo_14:
(Start: 16 @14119 has 364 MA's), (31, 14140), (32, 14143), (35, 14155), (89, 14386), (90, 14389), (107, 14458), (112, 14479), (118, 14509), (137, 14593), (147, 14641), (178, 14752), (187, 14794),

(195, 14836), (208, 14884),

Gene: VioletZ_13 Start: 13349, Stop: 14143, Start Num: 16
Candidate Starts for VioletZ_13:
(Start: 16 @13349 has 364 MA's), (28, 13370), (56, 13481), (88, 13619), (102, 13673), (107, 13694),
(112, 13715), (114, 13721), (132, 13808), (142, 13850), (170, 13946), (171, 13949), (178, 13988),
(187, 14030), (195, 14072), (208, 14120),

Gene: Virapocalypse_13 Start: 11600, Stop: 12397, Start Num: 16
Candidate Starts for Virapocalypse_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876),
(102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227),
(186, 12266),

Gene: Virgeve_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Virgeve_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585),
(102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936),
(186, 11975),

Gene: Vista_13 Start: 11605, Stop: 12402, Start Num: 16
Candidate Starts for Vista_13:
(Start: 16 @11605 has 364 MA's), (28, 11626), (32, 11638), (35, 11650), (74, 11812), (90, 11881),
(102, 11929), (118, 12001), (131, 12046), (135, 12070), (147, 12121), (168, 12175), (178, 12232),
(186, 12271),

Gene: Vivaldi_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for Vivaldi_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876),
(102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227),
(186, 12266),

Gene: Vivi2_21 Start: 17307, Stop: 18137, Start Num: 17
Candidate Starts for Vivi2_21:
(Start: 17 @17307 has 52 MA's), (22, 17316), (53, 17421), (77, 17511), (90, 17565), (95, 17589), (111,
17652), (120, 17700), (126, 17727), (132, 17757), (157, 17856), (170, 17904), (175, 17961), (179,
17985), (181, 17991), (193, 18060), (196, 18072), (200, 18090), (203, 18105),

Gene: Vortex_13 Start: 11310, Stop: 12113, Start Num: 16
Candidate Starts for Vortex_13:
(Start: 16 @11310 has 364 MA's), (28, 11331), (32, 11343), (35, 11355), (74, 11517), (90, 11586),
(102, 11634), (118, 11706), (131, 11751), (135, 11775), (147, 11826), (168, 11880), (178, 11937),
(186, 11976),

Gene: Waleliano_13 Start: 13346, Stop: 14140, Start Num: 16
Candidate Starts for Waleliano_13:
(Start: 16 @13346 has 364 MA's), (28, 13367), (32, 13379), (56, 13478), (88, 13616), (102, 13670),
(107, 13691), (112, 13712), (114, 13718), (118, 13742), (132, 13805), (142, 13847), (170, 13943),
(178, 13985), (187, 14027), (195, 14069), (208, 14117),

Gene: Wallhey_12 Start: 11161, Stop: 11958, Start Num: 16
Candidate Starts for Wallhey_12:

(Start: 16 @11161 has 364 MA's), (28, 11182), (32, 11194), (35, 11206), (90, 11437), (102, 11485), (118, 11557), (131, 11602), (135, 11626), (147, 11677), (168, 11731), (178, 11788), (186, 11827),

Gene: Waterdiva_13 Start: 11603, Stop: 12400, Start Num: 16
Candidate Starts for Waterdiva_13:
(Start: 16 @11603 has 364 MA's), (28, 11624), (32, 11636), (35, 11648), (90, 11879), (102, 11927), (118, 11999), (131, 12044), (135, 12068), (147, 12119), (168, 12173), (178, 12230), (186, 12269),

Gene: Weher20_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for Weher20_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: West99_16 Start: 14652, Stop: 15470, Start Num: 12
Candidate Starts for West99_16:
(Start: 12 @14652 has 38 MA's), (56, 14796), (75, 14877), (87, 14931), (88, 14937), (103, 14997), (113, 15036), (120, 15075), (132, 15114), (158, 15210), (170, 15258), (178, 15300), (185, 15336), (199, 15402),

Gene: Windsor_12 Start: 11263, Stop: 12066, Start Num: 16
Candidate Starts for Windsor_12:
(Start: 16 @11263 has 364 MA's), (28, 11284), (32, 11296), (35, 11308), (74, 11470), (90, 11539), (102, 11587), (118, 11659), (131, 11704), (135, 11728), (147, 11779), (168, 11833), (178, 11890), (186, 11929),

Gene: Wizard_20 Start: 13964, Stop: 14776, Start Num: 26
Candidate Starts for Wizard_20:
(Start: 26 @13964 has 80 MA's), (47, 14045), (87, 14195), (120, 14342), (128, 14378), (155, 14492), (209, 14762),

Gene: Wooper_14 Start: 13117, Stop: 13890, Start Num: 16
Candidate Starts for Wooper_14:
(Start: 16 @13117 has 364 MA's), (56, 13249), (114, 13480), (130, 13546), (132, 13555), (170, 13699), (195, 13825), (198, 13840),

Gene: Xavier_12 Start: 11309, Stop: 12112, Start Num: 16
Candidate Starts for Xavier_12:
(Start: 16 @11309 has 364 MA's), (28, 11330), (32, 11342), (35, 11354), (74, 11516), (90, 11585), (102, 11633), (118, 11705), (131, 11750), (135, 11774), (147, 11825), (168, 11879), (178, 11936), (186, 11975),

Gene: Xincheng_13 Start: 13170, Stop: 13964, Start Num: 16
Candidate Starts for Xincheng_13:
(Start: 16 @13170 has 364 MA's), (28, 13191), (32, 13203), (44, 13257), (56, 13302), (88, 13440), (102, 13494), (107, 13515), (112, 13536), (114, 13542), (118, 13566), (132, 13629), (142, 13671), (170, 13767), (171, 13770), (178, 13809), (187, 13851), (195, 13893), (208, 13941),

Gene: Yago84_12 Start: 11977, Stop: 12759, Start Num: 16
Candidate Starts for Yago84_12:
(Start: 16 @11977 has 364 MA's), (32, 12016), (45, 12070), (103, 12310), (109, 12334), (143, 12472), (146, 12493), (173, 12589), (177, 12610), (179, 12628), (187, 12655), (205, 12736),

Gene: Yahalom_15 Start: 13152, Stop: 13961, Start Num: 14
Candidate Starts for Yahalom_15:
(Start: 14 @13152 has 50 MA's), (41, 13215), (56, 13278), (78, 13374), (88, 13422), (90, 13428), (102, 13476), (118, 13548), (127, 13578), (132, 13599), (145, 13659), (151, 13680), (170, 13746), (198, 13887), (199, 13890),

Gene: Yeshua_14 Start: 13124, Stop: 13897, Start Num: 16
Candidate Starts for Yeshua_14:
(Start: 16 @13124 has 364 MA's), (56, 13256), (114, 13487), (130, 13553), (132, 13562), (163, 13676), (170, 13706), (194, 13826), (198, 13847),

Gene: Yeti_28 Start: 15679, Stop: 16509, Start Num: 26
Candidate Starts for Yeti_28:
(Start: 26 @15679 has 80 MA's), (Start: 55 @15790 has 2 MA's), (Start: 72 @15862 has 1 MA's), (90, 15922), (120, 16072), (126, 16099), (131, 16123), (133, 16138), (143, 16177), (144, 16186), (146, 16198), (193, 16420), (207, 16474),

Gene: Yinz_15 Start: 13179, Stop: 13988, Start Num: 14
Candidate Starts for Yinz_15:
(Start: 14 @13179 has 50 MA's), (41, 13242), (56, 13305), (78, 13401), (88, 13449), (90, 13455), (102, 13503), (118, 13575), (127, 13605), (128, 13608), (132, 13626), (145, 13686), (151, 13707), (170, 13773), (198, 13914), (199, 13917),

Gene: YorkOnyx_22 Start: 16855, Stop: 17682, Start Num: 17
Candidate Starts for YorkOnyx_22:
(Start: 17 @16855 has 52 MA's), (22, 16864), (53, 16966), (77, 17056), (111, 17197), (120, 17245), (131, 17296), (143, 17350), (157, 17401), (162, 17419), (170, 17449), (172, 17470), (175, 17506), (181, 17536), (196, 17617), (200, 17635), (203, 17650),

Gene: Yoshand_13 Start: 11600, Stop: 12403, Start Num: 16
Candidate Starts for Yoshand_13:
(Start: 16 @11600 has 364 MA's), (28, 11621), (32, 11633), (35, 11645), (74, 11807), (90, 11876), (102, 11924), (118, 11996), (131, 12041), (135, 12065), (147, 12116), (168, 12170), (178, 12227), (186, 12266),

Gene: YouGoGlencoco_13 Start: 11599, Stop: 12396, Start Num: 16
Candidate Starts for YouGoGlencoco_13:
(Start: 16 @11599 has 364 MA's), (28, 11620), (32, 11632), (35, 11644), (74, 11806), (90, 11875), (102, 11923), (118, 11995), (131, 12040), (135, 12064), (147, 12115), (168, 12169), (178, 12226), (186, 12265),

Gene: YungMoney_22 Start: 15274, Stop: 16086, Start Num: 26
Candidate Starts for YungMoney_22:
(Start: 26 @15274 has 80 MA's), (47, 15355), (87, 15505), (116, 15625), (120, 15652), (155, 15802), (171, 15856), (179, 15934), (209, 16072),

Gene: Zaider_14 Start: 11832, Stop: 12629, Start Num: 16
Candidate Starts for Zaider_14:
(Start: 16 @11832 has 364 MA's), (28, 11853), (32, 11865), (35, 11877), (74, 12039), (90, 12108), (102, 12156), (118, 12228), (131, 12273), (135, 12297), (147, 12348), (168, 12402), (178, 12459), (186, 12498),

Gene: Zelda_13 Start: 11602, Stop: 12399, Start Num: 16

Candidate Starts for Zelda_13:
(Start: 16 @11602 has 364 MA's), (28, 11623), (32, 11635), (35, 11647), (74, 11809), (90, 11878), (102, 11926), (118, 11998), (131, 12043), (135, 12067), (147, 12118), (168, 12172), (178, 12229), (186, 12268),

Gene: Zemanar_14 Start: 13346, Stop: 14140, Start Num: 16
Candidate Starts for Zemanar_14:
(Start: 16 @13346 has 364 MA's), (28, 13367), (32, 13379), (56, 13478), (88, 13616), (102, 13670), (107, 13691), (112, 13712), (114, 13718), (118, 13742), (132, 13805), (142, 13847), (170, 13943), (178, 13985), (187, 14027), (195, 14069), (208, 14117),

Gene: Zenteno07_18 Start: 12750, Stop: 13520, Start Num: 21
Candidate Starts for Zenteno07_18:
(Start: 21 @12750 has 3 MA's), (28, 12762), (56, 12870), (58, 12876), (74, 12948), (89, 13014), (132, 13191), (178, 13371), (187, 13413), (195, 13455), (208, 13503),

Gene: Zipp_22 Start: 17649, Stop: 18473, Start Num: 25
Candidate Starts for Zipp_22:
(Start: 25 @17649 has 9 MA's), (Start: 43 @17721 has 6 MA's), (90, 17904), (98, 17931), (105, 17961), (120, 18033), (125, 18054), (143, 18135), (157, 18186), (164, 18207), (170, 18234), (175, 18291), (179, 18315), (181, 18321), (183, 18336), (185, 18342), (201, 18423), (203, 18435),

Gene: Zitch_24 Start: 16782, Stop: 17606, Start Num: 25
Candidate Starts for Zitch_24:
(19, 16773), (Start: 25 @16782 has 9 MA's), (Start: 43 @16854 has 6 MA's), (62, 16920), (90, 17037), (105, 17094), (120, 17166), (125, 17187), (143, 17268), (146, 17289), (157, 17319), (164, 17340), (170, 17367), (179, 17448), (181, 17454), (185, 17475), (201, 17556),

Gene: Zonia_13 Start: 11616, Stop: 12413, Start Num: 16
Candidate Starts for Zonia_13:
(Start: 16 @11616 has 364 MA's), (28, 11637), (32, 11649), (35, 11661), (90, 11892), (102, 11940), (118, 12012), (131, 12057), (135, 12081), (147, 12132), (168, 12186), (178, 12243), (186, 12282),