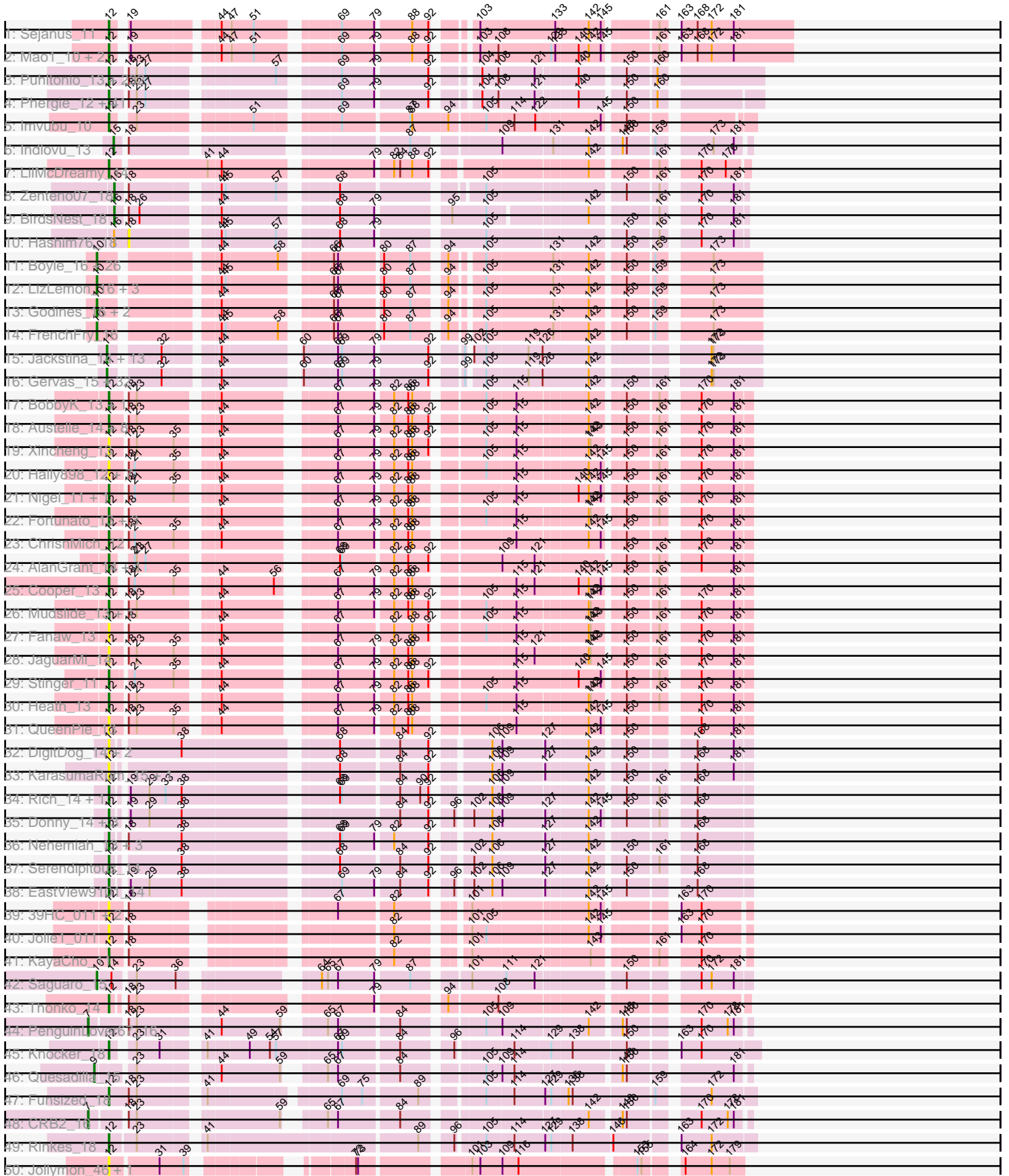
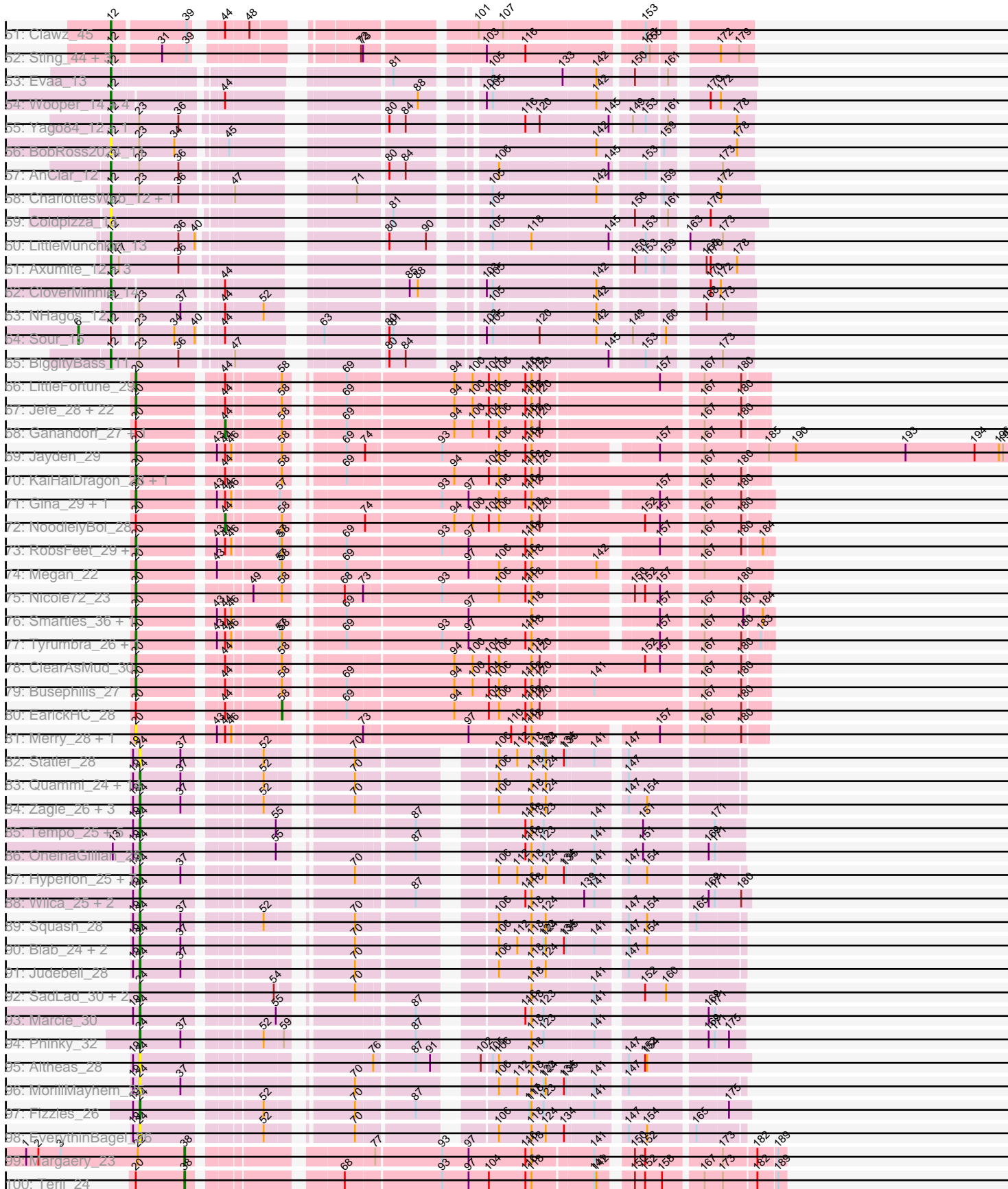


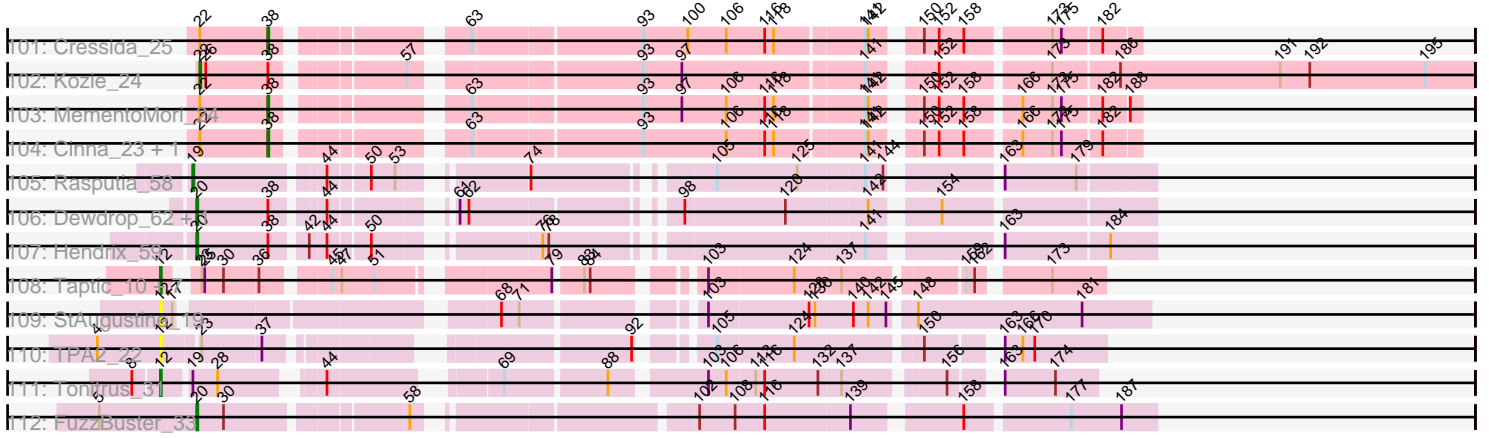
Pham 196173



Pham 196173



Pham 196173



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 196173 Report

This analysis was run 12/09/24 on database version 580.

Pham number 196173 has 583 members, 68 are drafts.

Phages represented in each track:

- Track 1 : Sejanus_11
- Track 2 : Mao1_10, Dori_11, Mask_11
- Track 3 : Puhltonio_13, Soto_13, HSavage_13, TallGrassMM_13, Simielle_12, Durga_13, HenryJackson_12, Gyarad_0013, Cornobble_12, Slatt_13, Fringe_13, Numberten_13, Vaishali24_12, Carthage_12, Phamished_13, Doddsville_13, OliverWalter_13, Dione_12, FluffyNinja_13, Chaelin_12, Yoshand_13, Etaye_13, Virgeve_12, Toni_12, Mcshane_12, Vivaldi_13, Zaider_14, Plmatters_13, Melc17_13, Newman_13, Nacho_0013, JakeO_12, CheetO_13, Piglet_0012, Xavier_12, Squid_13, Morty_13, CamL_13, Daffy_13, Roscoe_14, Antonia_12, Fang_13, Mosaic_12, DelRivs_12, Serpentine_0013, Weher20_13, KlimbOn_13, BlueHusk_13, Hamish_13, Suffolk_13, Mikota_13, Rimu_12, ThreeOh3D2_13, Sophia_12, Kikipoo_13, Grand2040_12, PhatLouie_13, FugateOSU_12, Solosis_12, Mutante_12, Keitherie_13, Crownjwl_13, Maru_12, Aelin_12, Quisquilliae_13, Serendipity_13, DaddyDaniels_13, Inchworm_13, Placalicious_12, Dati_13, Haimas_13, DirtJuice_13, Badfish_13, Oline_12, Jiraiya_13, Jillium_12, Altwerkus_12, Nicole21_13, Chorkpop_13, Hetaeria_13, Burr_12, Selr12_13, MrPhizzler_12, UncleHowie_13, Valjean_13, Virapocalypse_13, Pipsqueak_13, Childish_12, MiniBoss_13, Soile_13, Ricotta_12, Mulan_12, Prickles_13, Duggie_12, Iridoclysis_13, OSmaximus_13, Schueller_12, Gwilliam_13, Horchata_13, Mana_12, Magic8_13, Morgushi_13, Timmi_12, MitKao_13, Olak_12, Boehler_13, Thunderbird_12, PinheadLarry_13, Vista_13, JangoPhett_13, SDcharge11_13, BlackStallion_13, Riggan_13, Bishoperium_12, UAch1_13, Mesh1_13, Mecca_12, AbsoluteMadLad_12, TomBombadil_13, Phipps_13, Craff_13, Kwadwo_12, Manad_12, PhrodoBaggins_12, Gareth_12, Kwksand96_12, Dice_12, JDog_12, Beaglebox_12, 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, Gophee_13, Pacifista_12, AltPhacts_13, Orion_13, Lulwa_13, SassyCat97_12, Emiris_13, Charles1_13, PG1_13, Vortex_13, Cobra_13, Megatron_13, QueenBeane_13, Telesworld_12, Omniscient_13, LeeLot_13, Podrick_13, Giraffe_13, Murdoc_13, KingTut_12, IsaacEli_13, Vaticameos_13, Potter_12, Pops_13, Chunky_13, Held_13, Kimbrough_13, CampRoach_13, Dingo_13, Oosterbaan_13, Windsor_12, Roliet_13, Anderson_13, Harvey_13, Lego3393_13, KLucky39_13, Legolas_12, Tomlarah_13, Nyala_12, GeneCoco_13, Spartan300_13, Phareon_13, LemonSlice_13, Chah_13, SilverBell_13, Inverness_13, Hertubise_13, Sheila_13, Fozzie_12, Pherdinand_13, Jiminy_12, Zelda_13, Banjo_12, EmpTee_13, Samaymay_13, DonSanchon_12, Eugenia_13, Adriana_13, Orwig_13, MRabcd_12, Thora_13, HighStump_12,

LasagnaCat_13, Frankicide_13, Eremos_13, Basato_14, Apizium_12, LuckyMarjie_12, Daka_13, Matalotodo_13, Cher_12, Buckeye_13, Trypo_13, Colbert_13, DoesntMatter_13, Brilliant_13, RedMaple_12, Skippy_13, Kahve_12, Usavi_13, Swiphy_13, LeiMonet_13, Squiggle_13, YouGoGlencoco_13, Surely_13, Cosmolli16_12, Megamind20_13, KingVeVeVe_13, Kloppinator_13, PhatCats2014_13

- Track 4 : Phergie_12, JacAttac_13, Orfeu_12, Andre_13, Hocus_12, Hartsy_13, ABU_13, Struggle_12, PhenghisKhan_12, PhrankReynolds_12, ImtiyazSitla_12, Roy17_13, Maskar_12, Labeouficaum_12, CharlieGBrown_12, BatteryCK_12, Swish_13, DuchessDung_12, Pinkman_12, Phleuron_12, Derpp_12, MichaelPhcott_12, Kailash_13, Zonia_13, True_12, Sigman_13, MelsMeow_12, Wallhey_12, Waterdiva_13, Longacauda_12, Chute_12, Mag7_12, Ashraf_12, Lulumae_12, Olive_13, Lumine_12, TyrionL_12, Scrick_12, Veritas_12, Coletti_12, Phunky_13, ShiVal_13

- Track 5 : Imvubu_10

- Track 6 : Indlovu_13

- Track 7 : LilMcDreamy_14

- Track 8 : Zenteno07_18

- Track 9 : BirdsNest_18

- Track 10 : Hashim76_18

- Track 11 : Boyle_16, 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, Lars_16, Kaleb_16, Tres_16, Brownie5_16, Rosebush_16, Tinciduntolum_17, Qyrzula_15, West99_16, Hedgerow_16, Sabella_16, MasterPo_16, Bananafish_16, Opia_16

- Track 12 : LizLemon_16, Laurie_16, Vic9_17, Glass_16

- Track 13 : Godines_16, Holeinone_16, Coffee_16

- Track 14 : FrenchFry_16

- Track 15 : Jackstina_14, Yinz_15, Pipefish_15, HarveySr_15, Briakila_15, Compostia_16, Heathcliff_15, Daisy_15, Corofin_15, RomaT_15, Philly_14, LestyG_15, SlippinJimmy_15, Chandler_15

- Track 16 : Gervas_15, SynergyX_15, GlenHope_16, RagingRooster_15, Bernardo_15, Casbah_14, Ben11_14, Neos5_15, Kamiyu_15, Gadjet_16, Kronus_14, Halfpint_14, Athena_16, Nozo_15, MmasiCarm_15, ChaChing_15, Akoma_15, Rita1961_15, Yahalom_15, Morty007_15, Mortcellus_14, Marley1013_15, Baloo_15, OrangeOswald_15, Phlyer_15, Tydolla_15, Audrey_15, Abinghost_15, Deenasa_15, Devonte_15, Obutu_15, Phayeta_15, Phaedrus_14

- Track 17 : BobbyK_13, Frederick_13

- Track 18 : Austelle_14, RawrgerThat_13, Hydro_13, Mithril_13, Lolalove_13, Hangman_13, Zemanar_14, Waleliano_13, BrownCNA_14

- Track 19 : Xincheng_13

- Track 20 : Hally898_12, Nanao_12, GinPorsche_12, Lambano_12, Epah_12, Poster_12, Antihero_12, Ahwei_12

- Track 21 : Nigel_11, JAMaL_13

- Track 22 : Fortunato_13, Apex_13, Magpie_13, VioletZ_13

- Track 23 : ChrisnMich_12

- Track 24 : AlanGrant_14, Vincenzo_14

- Track 25 : Cooper_13

- Track 26 : Mudslide_13, Prince_13

- Track 27 : Fanaw_13

- Track 28 : JaguarMi_14

- Track 29 : Stinger_11

- Track 30 : Heath_13

- Track 31 : QueenPie_13
- Track 32 : DigitDog_14, Shenyu_14, Nangang_14
- Track 33 : KarasumaRum_15, StinkyVeggy_15
- Track 34 : Rich_14, Bae_14
- Track 35 : Donny_14, Suigeneris_14, SirJeffery_14, Acadian_14
- Track 36 : Nehemiah_13, Reprobate_14, Phelemich_14, Mysterious_14
- Track 37 : Serendipitous_14
- Track 38 : EastView9101_14
- Track 39 : 39HC_011, 40BC_011, Hosp_09
- Track 40 : Jolie1_011
- Track 41 : KayaCho_11
- Track 42 : Saguaro_15
- Track 43 : Thonko_14
- Track 44 : PenguinLover67_16
- Track 45 : Knocker_18
- Track 46 : Quesadilla_15
- Track 47 : Funsized_18
- Track 48 : CRB2_16
- Track 49 : Rinkes_18
- Track 50 : Jollymon_46, ColdSoup_46
- Track 51 : Clawz_45
- Track 52 : Sting_44, KingstonB_46, DonTron_45, Soos_41
- Track 53 : Evaa_13
- Track 54 : Wooper_14, CaiB_14, MakoManhole_14, MossRose_14, AnarQue_14
- Track 55 : Yago84_12, Sisko_12
- Track 56 : BobRoss2024_11
- Track 57 : AnClar_12
- Track 58 : CharlottesWeb_12, Mariokart_12
- Track 59 : Coldpizza_13
- Track 60 : LittleMunchkin_13
- Track 61 : Axumite_12, Shatter_12, Fresco_12, Ligma_12
- Track 62 : CloverMinnie_14
- Track 63 : NHagos_12
- Track 64 : Sour_15
- Track 65 : BiggityBass_11
- Track 66 : LittleFortune_29
- Track 67 : Jefe_28, Yeti_28, Phrancesco_28, Savannah_27, Kowalski_27, Cranjis_29, Jollipop_28, Pulchra_29, Shotgun_27, Paschalis_27, Hermeonysus_27, BrazzalePHS_27, Onika_27, Ramiel05_27, Piperis_28, Honeyfin_29, Quhwah_31, PiperSansNom_28, Selwyn23_29, Antares_28, Scumberland_29, CrazyRich_27, Phorgeous_27
- Track 68 : Ganandorf_27, PierreOrion_28
- Track 69 : Jayden_29
- Track 70 : KaiHaiDragon_28, Crisis_29
- Track 71 : Gina_29, Teamocil_29
- Track 72 : NoodlelyBoi_28
- Track 73 : RobsFeet_29, Metamorphoo_28
- Track 74 : Megan_22
- Track 75 : Nicole72_23
- Track 76 : Smarties_36, Ariadne_36
- Track 77 : Tyumbra_26, Fireman_28
- Track 78 : ClearAsMud_30
- Track 79 : Busephilis_27

- Track 80 : EarickHC_28
- Track 81 : Merry_28, Sunny_28
- Track 82 : Statler_28
- Track 83 : Quammi_24, Teehee_27, FrankDeliGuy_24, Lonelysoil_25, Wayne3_27, Rudy_24, Sillytadpoles_26, Phabia_26, Viceroy_25, Casend_27, Llemily_26, Zhafia_29, Jehoshaphat_28, Wheelie_25, DonaldDuck_26
- Track 84 : Zagie_26, Nike_26, BabyDotz_25, Rowlf_22
- Track 85 : Tempo_25, Romm_27, CandC_24, RobinRose_27, Kelcole_24, Fregley_26
- Track 86 : OneinaGillian_25
- Track 87 : Hyperion_25, Grassboy_27, Mashley_24, StrawberryJamm_28, Gazebo_25, AluminumJesus_24, Namago_26, Kyva_28
- Track 88 : Wilca_25, Pepe25_24, BirdInFrench_25
- Track 89 : Squash_28
- Track 90 : Blab_24, Tissue_26, SallyK_27
- Track 91 : Judebell_28
- Track 92 : SadLad_30, Fransoyer_28, RubyRalph_28
- Track 93 : Marcie_30
- Track 94 : Phinky_32
- Track 95 : Altheas_28
- Track 96 : MorillMayhem_25
- Track 97 : Fizzles_26
- Track 98 : EverythinBagel_26
- Track 99 : Margaery_23
- Track 100 : Terij_24
- Track 101 : Cressida_25
- Track 102 : Kozie_24
- Track 103 : MementoMori_24
- Track 104 : Cinna_23, Matzah_24
- Track 105 : Rasputia_58
- Track 106 : Dewdrop_62, Leaf_62
- Track 107 : Hendrix_59
- Track 108 : Taptic_10, Argie_11, D12_10, PR_10, Megabear_10, Jeon_10, Cepens_10, GodPhather_11
- Track 109 : StAugustine_19
- Track 110 : TPA2_22
- Track 111 : Tonitrus_31
- Track 112 : FuzzBuster_33

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

The start number called the most often in the published annotations is 12, it was called in 338 of the 515 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, AlanGrant_14, AltPhacts_13, Altwerkus_12, AnClar_12, AnarQue_14, Anderson_13, Andre_13, Antihero_12, Antonia_12, Apex_13, Apizium_12, Argie_11, Ashraf_12, Austelle_14, Axumite_12, Badfish_13, Bae_14, Banjo_12, Basato_14, BatteryCK_12, Beaglebox_12, BiggityBass_11,

Bishoperium_12, BlackStallion_13, BlueHusk_13, Bluephacebaby_12, BobRoss2024_11, BobbyK_13, Boehler_13, Brilliant_13, BrownCNA_14, Buckeye_13, Burr_12, CaiB_14, CamL_13, CampRoach_13, Cannibal_13, Carthage_12, Cepens_10, Chaelin_12, Chah_13, Charles1_13, CharlieGBrown_12, CharlottesWeb_12, CheetO_13, Cher_12, Childish_12, Chorkpop_13, ChrisnMich_12, Chunky_13, Chute_12, Clawz_45, CloverMinnie_14, Cobra_13, Colbert_13, ColdSoup_46, Coldpizza_13, Coletti_12, Cooper_13, 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, DonSanchon_12, DonTron_45, Donny_14, Dori_11, DuchessDung_12, Duggie_12, Durga_13, EastView9101_14, Emiris_13, EmpTee_13, Epah_12, Eremos_13, Etaye_13, Eugenia_13, Evaa_13, Fanaw_13, Fang_13, FluffyNinja_13, Fortunato_13, Fozzie_12, Frankicide_13, Frederick_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, Gwilliam_13, Gyarad_0013, HSavage_13, Haimas_13, Haleema_12, Hally898_12, Hamish_13, Hangman_13, Hartsy_13, Harvey_13, Heath_13, Held_13, HenryJackson_12, Hertubise_13, Hetaeria_13, HighStump_12, Hocus_12, Horchata_13, Hosp_09, Hydro_13, ImtiyazSitla_12, Imvubu_10, Inchworm_13, Inverness_13, Iridoclysis_13, IsaacEli_13, JAMaL_13, JDog_12, JacAttac_13, JaguarMi_14, JakeO_12, JangoPhett_13, Jeon_10, Jillium_12, Jiminy_12, Jiraiya_13, Jolie1_011, Jollymon_46, KLucky39_13, Kahve_12, Kailash_13, KarasumaRum_15, Katniss_13, KayaCho_11, Keitherie_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, LasagnaCat_13, Lasso_13, LeeLot_13, Lego3393_13, Legolas_12, LeiMonet_13, LemonSlice_13, Ligma_12, LilMcDreamy_14, 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, 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, MichaelPhcott_12, Mikota_13, MiniBoss_13, MitKao_13, Mithril_13, Morgushi_13, Morty_13, Mosaic_12, MossRose_14, MrPhizzler_12, Mudslide_13, Mulan_12, Murdoc_13, Mutante_12, Mysterious_14, NHagos_12, Nacho_0013, Nanao_12, Nangang_14, Nehemiah_13, Newman_13, Nicole21_13, Nigel_11, Numberten_13, Nyala_12, OSmaximus_13, Olak_12, Oline_12, Olive_13, OliverWalter_13, Omniscient_13, Oosterbaan_13, Orfeu_12, Orion_13, Orwigg_13, PG1_13, PR_10, Pacifista_12, 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, Plmatters_13, Podrick_13, Pops_13, Poster_12, Potter_12, Prickles_13, Prince_13, ProfessorX_13, Puhltonio_13, QueenBeane_13, QueenPie_13, Quisquilliae_13, RawrgerThat_13, RedMaple_12, Reprobate_14, Rich_14, Ricotta_12, Riggan_13, Rimu_12, Rinkes_18, Robyn_12, Roliet_13, Roscoe_14, Roy17_13, SDcharge11_13, Samaymay_13, SassyCat97_12, Schadenfreude_12, Schueller_12, Scoot17C_13, Scrick_12, Sejanus_11, Selr12_13, Serendipitous_14, Serendipity_13, Serpentine_0013, Shatter_12, Sheila_13, Shenyu_14, ShiVal_13, Sigman_13, SilverBell_13, Simielle_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_19, 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, Tooj_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, 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:

- Abinghost_15, Akoma_15, Allegro_16, Altheas_28, AluminumJesus_24, Antares_28, Arbiter_16, Ares_16, Ariadne_36, Athena_16, Audrey_15, BabyDotz_25, Baloo_15, Bananafish_16, Ben11_14, Bernardo_15, BirdInFrench_25, BirdsNest_18, Blab_24, Blocker23_16, Boyle_16, BrazzalePHS_27, Briakila_15, Brownie5_16, Busephilis_27, CRB2_16, Calamitous_16, CandC_24, Casbah_14, Casend_27, ChaChing_15, Chandler_15, Cinna_23, ClearAsMud_30, Coffee_16, Compostia_16, Corofin_15, Cranjis_29, CrazyRich_27, Cressida_25, Crisis_29, Daisy_15, Deenasa_15, Devonte_15, Dewdrop_62, DonaldDuck_26, Eaglehorse_16, EarickHC_28, EverythinBagel_26, Faze9_16, Fireman_28, Fizzles_26, FrankDeliGuy_24, Fransoyer_28, Fregley_26, FrenchFry_16, FuzzBuster_33, Gadget_16, Ganandorf_27, Gazebo_25, Gervas_15, Gina_29, Glass_16, GlenHope_16, Godines_16, Grassboy_27, Halfpint_14, HarveySr_15, Hashim76_18, Heathcliff_15, Hedgerow_16, Hendrix_59, Hermeonysus_27, Holeinone_16, Honeyfin_29, Hyperion_25, Indlovu_13, ItsyBitsy1_16, Jackstina_14, Jayden_29, Jefe_28, Jehoshaphat_28, Jollipop_28, Judebell_28, KaiHaiDragon_28, Kaleb_16, Kamiyu_15, Kelcole_24, Kheth_16, Kowalski_27, Kozie_24, Kronus_14, Kyva_28, Lars_16, Laurie_16, Leaf_62, Lephleur_16, LestyG_15, LittleFortune_29, LizLemon_16, Llemily_26, Lonelysoil_25, Marcie_30, Margaery_23, Marley1013_15, Mashley_24, MasterPo_16, Matzah_24, Megan_22, MementoMori_24, Merry_28, Metamorphoo_28, MmasiCarm_15, MorillMayhem_25, Mortcellus_14, Morty007_15, Namago_26, Neos5_15, Nicole72_23, Nike_26, NoodlelyBoi_28, Nozo_15, Obutu_15, OneinaGillian_25, Onika_27, Opia_16, OrangeOswald_15, Paschalis_27, PenguinLover67_16, Pepe25_24, Phabia_26, Phaedrus_14, Phantasmagoria_16, Phayeta_15, Philly_14, Phinky_32, Phlyer_15, Phorgeous_27, Phrancesco_28, PierreOrion_28, Pipefish_15, PiperSansNom_28, Piperis_28, Pulchra_29, Quammi_24, Quesadilla_15, Quhwah_31, Qyrzula_15, RagingRooster_15, Ramiel05_27, Rasputia_58, Rhinoforte_16, Rita1961_15, RobinRose_27, RobsFeet_29, RomaT_15, Romm_27, Rosebush_16, Rowlf_22, RubyRalph_28, Rudy_24, Sabella_16, SadLad_30, Saguaro_15, SallyK_27, Savannah_27, Scumberland_29, Selwyn23_29, Shotgun_27, Sillytadpoles_26, SlippinJimmy_15, Smarties_36, Squash_28, Statler_28, StrawberryJamm_28, Sunny_28, SynergyX_15, TA17A_16, Teamocil_29, Teehee_27, Tempo_25, Terij_24, Tinciduntolum_17, Tissue_26, Tres_16, Tydolla_15, Tyumbra_26, Vic9_17, Viceroy_25, Wayne3_27, West99_16, Wheelie_25, Wilca_25, Yahalom_15, Yeti_28, Yinz_15, Zagie_26, Zenteno07_18, Zhafia_29,

Summary by start number:

Start 6:

- Found in 1 of 583 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 515
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Sour_15 (DR),

Start 7:

- Found in 2 of 583 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 515
- Called 100.0% of time when present
- Phage (with cluster) where this start called: CRB2_16 (B9), PenguinLover67_16 (B9),

Start 9:

- Found in 1 of 583 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 515
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Quesadilla_15 (B9),

Start 10:

- Found in 36 of 583 (6.2%) of genes in pham
- Manual Annotations of this start: 33 of 515
- 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), Lars_16 (B2), Laurie_16 (B2), Lephleur_16 (B2), LizLemon_16 (B2), MasterPo_16 (B2), Opia_16 (B2), Phantasmagoria_16 (B2), Qyrzula_15 (B2), Rhinoforte_16 (B2), Rosebush_16 (B2), Sabella_16 (B2), Saguaro_15 (B7), TA17A_16 (B2), Tinciduntolum_17 (B2), Tres_16 (B2), Vic9_17 (B2), West99_16 (B2),

Start 11:

- Found in 47 of 583 (8.1%) of genes in pham
- Manual Annotations of this start: 45 of 515
- 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), Chandler_15 (B3), Compostia_16 (B3), Corofin_15 (B3), Daisy_15 (B3), Deenasa_15 (B3), Devonte_15 (B3), Gadget_16 (B3), Gervas_15 (B3), GlenHope_16 (B3), Halfpint_14 (B3), HarveySr_15 (B3), Heathcliff_15 (B3), Jackstina_14 (B3), Kamiyu_15 (B3), Kronus_14 (B3), LestyG_15 (B3), Marley1013_15 (B3), MmasiCarm_15 (B3), Mortcellus_14 (B3), Morty007_15 (B3), Neos5_15 (B3), Nozo_15 (B3), Obutu_15 (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), SlippinJimmy_15 (B3), SynergyX_15 (B3), Tydolla_15 (B3), Yahalom_15 (B3), Yinz_15 (B3),

Start 12:

- Found in 384 of 583 (65.9%) of genes in pham
- Manual Annotations of this start: 338 of 515
- Called 99.7% 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), AlanGrant_14 (B4), AltPhacts_13 (B1), Altwerkus_12 (B1), AnClar_12 (DR), AnarQue_14 (DR), Anderson_13 (B1), Andre_13 (B1), Antihero_12 (B4), Antonia_12 (B1), Apex_13 (B4), Apizium_12 (B1), Argie_11 (W), Ashraf_12 (B1), Austelle_14 (B4), Axumite_12 (DR), Badfish_13 (B1), Bae_14 (B5), Banjo_12 (B1), Basato_14 (B1), BatteryCK_12 (B1), Beaglebox_12 (B1), BiggityBass_11 (DR), Bishoperium_12 (B1), BlackStallion_13 (B1), BlueHusk_13 (B1), Bluephacebaby_12 (B1), BobRoss2024_11 (DR), BobbyK_13 (B4), Boehler_13 (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), 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), Chorkpop_13 (B1), ChrisnMich_12 (B4), Chunky_13 (B1), Chute_12 (B1), Clawz_45 (CP), CloverMinnie_14 (DR), Cobra_13 (B1), Colbert_13 (B1), ColdSoup_46 (CP), Coldpizza_13 (DR), Coletti_12 (B1), Cooper_13 (B4), 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), DonSanchon_12 (B1), DonTron_45 (CP), Donny_14 (B5), Dori_11 (AD), DuchessDung_12 (B1), Duggie_12 (B1), Durga_13 (B1), EastView9101_14 (B5), 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), FluffyNinja_13 (B1), Fortunato_13 (B4), Fozzie_12 (B1), Frankicide_13 (B1), Frederick_13 (B4), 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), Gwilliam_13 (B1), Gyarad_0013 (B1), HSavage_13 (B1), Haimas_13 (B1), Haleema_12 (B1), Hally898_12 (B4), Hamish_13 (B1), Hangman_13 (B4), Hartsy_13 (B1), Harvey_13 (B1), Heath_13 (B4), Held_13 (B1), HenryJackson_12 (B1), Hertubise_13 (B1), Hetaeria_13 (B1), HighStump_12 (B1), Hocus_12 (B1), Horchata_13 (B1), Hosp_09 (B6), Hydro_13 (B4), ImtiyazSitla_12 (B1), Imvubu_10 (B10), Inchworm_13 (B1), Inverness_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), Jillium_12 (B1), Jiminy_12 (B1), Jiraiya_13 (B1), Jolie1_011 (B6), Jollymon_46 (CP), KLUcky39_13 (B1), Kahve_12 (B1), Kailash_13 (B1), KarasumaRum_15 (B5), Katniss_13 (B1), KayaCho_11 (B6), Keitherie_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), LasagnaCat_13 (B1), Lasso_13 (B1), LeeLot_13 (B1), Lego3393_13 (B1), Legolas_12 (B1), LeiMonet_13 (B1), LemonSlice_13 (B1), Ligma_12 (DR), LilMcDreamy_14 (B12), 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), 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), 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_12 (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), 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), Oosterbaan_13 (B1), Orfeu_12 (B1),
 Orion_13 (B1), Orwigg_13 (B1), PG1_13 (B1), PR_10 (W), Pacifista_12 (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), 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), QueenBeane_13 (B1), QueenPie_13 (B4),
 Quisquiliae_13 (B1), RawrgerThat_13 (B4), RedMaple_12 (B1), Reprobate_14 (B5),
 Rich_14 (B5), Ricotta_12 (B1), Riggan_13 (B1), Rimu_12 (B1), Rinkes_18 (B9),
 Robyn_12 (B1), Roliet_13 (B1), Roscoe_14 (B1), Roy17_13 (B1), SDcharge11_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), Shatter_12
 (DR), Sheila_13 (B1), Shenyu_14 (B5), ShiVal_13 (B1), Sigman_13 (B1),
 SilverBell_13 (B1), Simielle_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_19 (singleton), 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), Tooj_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), Yoshand_13 (B1),
 YouGoGlencoco_13 (B1), Zaider_14 (B1), Zelda_13 (B1), Zemanar_14 (B4),
 Zonia_13 (B1),

Start 15:

- Found in 1 of 583 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 515
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Indlovu_13 (B11),

Start 16:

- Found in 3 of 583 (0.5%) of genes in pham
- Manual Annotations of this start: 2 of 515
- Called 66.7% of time when present
- Phage (with cluster) where this start called: BirdsNest_18 (B13), Zenteno07_18 (B13),

Start 18:

- Found in 326 of 583 (55.9%) of genes in pham

- No Manual Annotations of this start.
- Called 0.3% of time when present
- Phage (with cluster) where this start called: Hashim76_18 (B13),

Start 19:

- Found in 61 of 583 (10.5%) of genes in pham
- Manual Annotations of this start: 1 of 515
- Called 1.6% of time when present
- Phage (with cluster) where this start called: Rasputia_58 (GC),

Start 20:

- Found in 50 of 583 (8.6%) of genes in pham
- Manual Annotations of this start: 43 of 515
- Called 90.0% of time when present
- Phage (with cluster) where this start called: Antares_28 (EC), Ariadne_36 (EC), BrazzalePHS_27 (EC), Busephilis_27 (EC), ClearAsMud_30 (EC), Cranjjs_29 (EC), CrazyRich_27 (EC), Crisis_29 (EC), Dewdrop_62 (GC), Fireman_28 (EC), FuzzBuster_33 (singleton), Gina_29 (EC), Hendrix_59 (GC), Hermeonysus_27 (EC), Honeyfin_29 (EC), Jayden_29 (EC), Jefe_28 (EC), Jollipop_28 (EC), KaiHaiDragon_28 (EC), Kowalski_27 (EC), Leaf_62 (GC), LittleFortune_29 (EC), Megan_22 (EC), Merry_28 (EC), Metamorphoo_28 (EC), Nicole72_23 (EC), Onika_27 (EC), Paschalis_27 (EC), Phorgeous_27 (EC), Phrancesco_28 (EC), PiperSansNom_28 (EC), Piperis_28 (EC), Pulchra_29 (EC), Quhwah_31 (EC), Ramiel05_27 (EC), RobsFeet_29 (EC), Savannah_27 (EC), Scumberland_29 (EC), Selwyn23_29 (EC), Shotgun_27 (EC), Smarties_36 (EC), Sunny_28 (EC), Teamocil_29 (EC), Tyrumbra_26 (EC), Yeti_28 (EC),

Start 22:

- Found in 6 of 583 (1.0%) of genes in pham
- Manual Annotations of this start: 1 of 515
- Called 16.7% of time when present
- Phage (with cluster) where this start called: Kozie_24 (EI),

Start 24:

- Found in 52 of 583 (8.9%) of genes in pham
- Manual Annotations of this start: 38 of 515
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Altheas_28 (EG), AluminumJesus_24 (EG), BabyDotz_25 (EG), BirdInFrench_25 (EG), Blab_24 (EG), CandC_24 (EG), Casend_27 (EG), DonaldDuck_26 (EG), EverythinBagel_26 (EG), Fizzles_26 (EG), FrankDeliGuy_24 (EG), Fransoyer_28 (EG), Fregley_26 (EG), Gazebo_25 (EG), Grassboy_27 (EG), Hyperion_25 (EG), Jehoshaphat_28 (EG), Judebell_28 (EG), Kelcole_24 (EG), Kyva_28 (EG), Llemily_26 (EG), Lonelysoil_25 (EG), Marcie_30 (EG), Mashley_24 (EG), MorillMayhem_25 (EG), Namago_26 (EG), Nike_26 (EG), OneinaGillian_25 (EG), Pepe25_24 (EG), Phabia_26 (EG), Phinky_32 (EG), Quammi_24 (EG), RobinRose_27 (EG), Romm_27 (EG), Rowlf_22 (EG), RubyRalph_28 (EG), Rudy_24 (EG), SadLad_30 (EG), SallyK_27 (EG), Sillytadpoles_26 (EG), Squash_28 (EG), Statler_28 (EG), StrawberryJamm_28 (EG), Teehee_27 (EG), Tempo_25 (EG), Tissue_26 (EG), Viceroy_25 (EG), Wayne3_27 (EG), Wheelie_25 (EG), Wilca_25 (EG), Zagie_26 (EG), Zhafia_29 (EG),

Start 38:

- Found in 25 of 583 (4.3%) of genes in pham

- Manual Annotations of this start: 6 of 515
- Called 24.0% 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 44:

- Found in 184 of 583 (31.6%) of genes in pham
- Manual Annotations of this start: 2 of 515
- Called 1.6% of time when present
- Phage (with cluster) where this start called: Ganandorf_27 (EC), NoodlelyBoi_28 (EC), PierreOrion_28 (EC),

Start 58:

- Found in 68 of 583 (11.7%) of genes in pham
- Manual Annotations of this start: 1 of 515
- Called 1.5% of time when present
- Phage (with cluster) where this start called: EarickHC_28 (EC),

Summary by clusters:

There are 22 clusters represented in this pham: singleton, B12, B13, B10, B11, DR, EI, AD, EG, EC, GC, W, CP, B4, B5, B6, B7, B1, B2, B3, B8, B9,

Info for manual annotations of cluster AD:

- Start number 12 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster B1:

- Start number 12 was manually annotated 263 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 12 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 15 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 12 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 16 was manually annotated 2 times for cluster B13.

Info for manual annotations of cluster B2:

- Start number 10 was manually annotated 32 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 11 was manually annotated 45 times for cluster B3.

Info for manual annotations of cluster B4:

- Start number 12 was manually annotated 25 times for cluster B4.

Info for manual annotations of cluster B5:

- Start number 12 was manually annotated 9 times for cluster B5.

Info for manual annotations of cluster B6:

- Start number 12 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B7:

- Start number 10 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 12 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 7 was manually annotated 2 times for cluster B9.
- Start number 9 was manually annotated 1 time for cluster B9.
- Start number 12 was manually annotated 3 times for cluster B9.

Info for manual annotations of cluster CP:

- Start number 12 was manually annotated 3 times for cluster CP.

Info for manual annotations of cluster DR:

- Start number 6 was manually annotated 1 time for cluster DR.
- Start number 12 was manually annotated 18 times for cluster DR.

Info for manual annotations of cluster EC:

- Start number 20 was manually annotated 39 times for cluster EC.
- Start number 44 was manually annotated 2 times for cluster EC.
- Start number 58 was manually annotated 1 time for cluster EC.

Info for manual annotations of cluster EG:

- Start number 24 was manually annotated 38 times for cluster EG.

Info for manual annotations of cluster EI:

- Start number 22 was manually annotated 1 time for cluster EI.
- Start number 38 was manually annotated 6 times for cluster EI.

Info for manual annotations of cluster GC:

- Start number 19 was manually annotated 1 time for cluster GC.
- Start number 20 was manually annotated 3 times for cluster GC.

Info for manual annotations of cluster W:

- Start number 12 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_011 Start: 11832, Stop: 12599, Start Num: 12

Candidate Starts for 39HC_011:

(Start: 12 @11832 has 338 MA's), (18, 11853), (67, 12093), (82, 12168), (101, 12249), (142, 12408), (145, 12426), (163, 12504), (170, 12534),

Gene: 40BC_011 Start: 11832, Stop: 12599, Start Num: 12

Candidate Starts for 40BC_011:

(Start: 12 @11832 has 338 MA's), (18, 11853), (67, 12093), (82, 12168), (101, 12249), (142, 12408), (145, 12426), (163, 12504), (170, 12534),

Gene: ABU_13 Start: 11600, Stop: 12397, Start Num: 12

Candidate Starts for ABU_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Abinghost_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Abinghost_15:

(Start: 11 @13140 has 45 MA's), (32, 13203), (Start: 44 @13266 has 2 MA's), (60, 13362), (67, 13410), (69, 13416), (79, 13464), (92, 13536), (99, 13566), (105, 13587), (119, 13647), (126, 13668), (142, 13734), (172, 13875), (173, 13878),

Gene: AbsoluteMadLad_12 Start: 11598, Stop: 12401, Start Num: 12

Candidate Starts for AbsoluteMadLad_12:

(Start: 12 @11598 has 338 MA's), (18, 11619), (23, 11631), (27, 11643), (57, 11805), (69, 11874), (79, 11922), (92, 11994), (104, 12039), (108, 12063), (121, 12114), (140, 12168), (150, 12225), (160, 12264),

Gene: Acadian_14 Start: 13349, Stop: 14155, Start Num: 12

Candidate Starts for Acadian_14:

(Start: 12 @13349 has 338 MA's), (Start: 19 @13364 has 1 MA's), (29, 13391), (Start: 38 @13439 has 6 MA's), (84, 13724), (92, 13766), (96, 13784), (102, 13802), (106, 13829), (109, 13841), (127, 13901), (142, 13958), (145, 13976), (150, 14000), (161, 14042), (168, 14078),

Gene: Adriana_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Adriana_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Aelin_12 Start: 11149, Stop: 11952, Start Num: 12

Candidate Starts for Aelin_12:

(Start: 12 @11149 has 338 MA's), (18, 11170), (23, 11182), (27, 11194), (57, 11356), (69, 11425), (79, 11473), (92, 11545), (104, 11590), (108, 11614), (121, 11665), (140, 11719), (150, 11776), (160, 11815),

Gene: Ahwei_12 Start: 12252, Stop: 13046, Start Num: 12

Candidate Starts for Ahwei_12:

(Start: 12 @12252 has 338 MA's), (18, 12273), (21, 12282), (35, 12339), (Start: 44 @12384 has 2 MA's), (67, 12522), (79, 12576), (82, 12597), (86, 12618), (88, 12624), (105, 12711), (115, 12753), (142, 12849), (145, 12867), (150, 12891), (161, 12933), (170, 12975), (181, 13023),

Gene: Akoma_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Akoma_15:

(Start: 11 @13140 has 45 MA's), (32, 13203), (Start: 44 @13266 has 2 MA's), (60, 13362), (67, 13410), (69, 13416), (79, 13464), (92, 13536), (99, 13566), (105, 13587), (119, 13647), (126, 13668), (142, 13734), (172, 13875), (173, 13878),

Gene: AlanGrant_14 Start: 14119, Stop: 14907, Start Num: 12

Candidate Starts for AlanGrant_14:

(Start: 12 @14119 has 338 MA's), (21, 14140), (23, 14143), (27, 14155), (68, 14386), (69, 14389), (82, 14458), (86, 14479), (92, 14509), (109, 14593), (121, 14641), (150, 14752), (161, 14794), (170, 14836), (181, 14884),

Gene: Allegro_16 Start: 14535, Stop: 15353, Start Num: 10

Candidate Starts for Allegro_16:

(Start: 10 @14535 has 33 MA's), (Start: 44 @14679 has 2 MA's), (Start: 58 @14760 has 1 MA's), (66, 14814), (67, 14820), (80, 14880), (87, 14919), (94, 14958), (105, 14997), (131, 15093), (142, 15141), (150, 15183), (159, 15219), (173, 15285),

Gene: AltPhacts_13 Start: 11603, Stop: 12406, Start Num: 12

Candidate Starts for AltPhacts_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Altheas_28 Start: 16384, Stop: 17130, Start Num: 24

Candidate Starts for Altheas_28:

(Start: 19 @16375 has 1 MA's), (Start: 24 @16384 has 38 MA's), (76, 16660), (87, 16714), (91, 16735), (102, 16777), (105, 16789), (106, 16798), (118, 16846), (147, 16966), (152, 16990), (154, 16993),

Gene: Altwerkus_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Altwerkus_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: AluminumJesus_24 Start: 15744, Stop: 16478, Start Num: 24

Candidate Starts for AluminumJesus_24:

(Start: 19 @15735 has 1 MA's), (Start: 24 @15744 has 38 MA's), (37, 15804), (70, 15996), (106, 16158), (112, 16185), (118, 16206), (124, 16227), (134, 16254), (135, 16257), (141, 16293), (147, 16326), (154, 16353),

Gene: AnClar_12 Start: 12460, Stop: 13242, Start Num: 12

Candidate Starts for AnClar_12:

(Start: 12 @12460 has 338 MA's), (23, 12499), (36, 12553), (80, 12793), (84, 12817), (106, 12919), (145, 13072), (153, 13111), (173, 13198),

Gene: AnarQue_14 Start: 13126, Stop: 13899, Start Num: 12

Candidate Starts for AnarQue_14:

(Start: 12 @13126 has 338 MA's), (Start: 44 @13258 has 2 MA's), (88, 13489), (103, 13555), (105, 13564), (142, 13708), (170, 13834), (172, 13849),

Gene: Anderson_13 Start: 11605, Stop: 12402, Start Num: 12

Candidate Starts for Anderson_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Andre_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for Andre_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Antares_28 Start: 15892, Stop: 16722, Start Num: 20

Candidate Starts for Antares_28:

(Start: 20 @15892 has 43 MA's), (Start: 44 @16003 has 2 MA's), (Start: 58 @16075 has 1 MA's), (69, 16135), (94, 16285), (100, 16312), (104, 16336), (106, 16351), (116, 16390), (118, 16399), (120, 16411), (167, 16633), (180, 16687),

Gene: Antihero_12 Start: 12252, Stop: 13046, Start Num: 12

Candidate Starts for Antihero_12:

(Start: 12 @12252 has 338 MA's), (18, 12273), (21, 12282), (35, 12339), (Start: 44 @12384 has 2 MA's), (67, 12522), (79, 12576), (82, 12597), (86, 12618), (88, 12624), (105, 12711), (115, 12753), (142, 12849), (145, 12867), (150, 12891), (161, 12933), (170, 12975), (181, 13023),

Gene: Antonia_12 Start: 11149, Stop: 11952, Start Num: 12

Candidate Starts for Antonia_12:

(Start: 12 @11149 has 338 MA's), (18, 11170), (23, 11182), (27, 11194), (57, 11356), (69, 11425), (79, 11473), (92, 11545), (104, 11590), (108, 11614), (121, 11665), (140, 11719), (150, 11776), (160, 11815),

Gene: Apex_13 Start: 13527, Stop: 14321, Start Num: 12

Candidate Starts for Apex_13:

(Start: 12 @13527 has 338 MA's), (18, 13548), (Start: 44 @13659 has 2 MA's), (67, 13797), (79, 13851), (82, 13872), (86, 13893), (88, 13899), (105, 13986), (115, 14028), (142, 14124), (143, 14127), (150, 14166), (161, 14208), (170, 14250), (181, 14298),

Gene: Apizium_12 Start: 11307, Stop: 12110, Start Num: 12

Candidate Starts for Apizium_12:

(Start: 12 @11307 has 338 MA's), (18, 11328), (23, 11340), (27, 11352), (57, 11514), (69, 11583), (79, 11631), (92, 11703), (104, 11748), (108, 11772), (121, 11823), (140, 11877), (150, 11934), (160, 11973),

Gene: Arbiter_16 Start: 14622, Stop: 15440, Start Num: 10

Candidate Starts for Arbiter_16:

(Start: 10 @14622 has 33 MA's), (Start: 44 @14766 has 2 MA's), (Start: 58 @14847 has 1 MA's), (66, 14901), (67, 14907), (80, 14967), (87, 15006), (94, 15045), (105, 15084), (131, 15180), (142, 15228), (150, 15270), (159, 15306), (173, 15372),

Gene: Ares_16 Start: 14535, Stop: 15353, Start Num: 10

Candidate Starts for Ares_16:

(Start: 10 @14535 has 33 MA's), (Start: 44 @14679 has 2 MA's), (Start: 58 @14760 has 1 MA's), (66, 14814), (67, 14820), (80, 14880), (87, 14919), (94, 14958), (105, 14997), (131, 15093), (142, 15141), (150, 15183), (159, 15219), (173, 15285),

Gene: Argie_11 Start: 12991, Stop: 13767, Start Num: 12

Candidate Starts for Argie_11:

(Start: 12 @12991 has 338 MA's), (23, 13012), (25, 13015), (30, 13033), (36, 13066), (45, 13120), (47, 13126), (51, 13159), (79, 13306), (83, 13330), (84, 13336), (103, 13420), (124, 13504), (137, 13546), (159, 13651), (162, 13657), (173, 13717),

Gene: Ariadne_36 Start: 17634, Stop: 18449, Start Num: 20

Candidate Starts for Ariadne_36:

(Start: 20 @17634 has 43 MA's), (43, 17736), (Start: 44 @17745 has 2 MA's), (46, 17754), (69, 17877), (97, 18051), (118, 18144), (157, 18300), (167, 18354), (181, 18411), (184, 18435),

Gene: Ashraf_12 Start: 11149, Stop: 11946, Start Num: 12

Candidate Starts for Ashraf_12:

(Start: 12 @11149 has 338 MA's), (18, 11170), (23, 11182), (27, 11194), (69, 11425), (79, 11473), (92, 11545), (104, 11590), (108, 11614), (121, 11665), (140, 11719), (150, 11776), (160, 11815),

Gene: Athena_16 Start: 13903, Stop: 14712, Start Num: 11

Candidate Starts for Athena_16:

(Start: 11 @13903 has 45 MA's), (32, 13966), (Start: 44 @14029 has 2 MA's), (60, 14125), (67, 14173), (69, 14179), (79, 14227), (92, 14299), (99, 14329), (105, 14350), (119, 14410), (126, 14431), (142, 14497), (172, 14638), (173, 14641),

Gene: Audrey_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Audrey_15:

(Start: 11 @13140 has 45 MA's), (32, 13203), (Start: 44 @13266 has 2 MA's), (60, 13362), (67, 13410), (69, 13416), (79, 13464), (92, 13536), (99, 13566), (105, 13587), (119, 13647), (126, 13668), (142, 13734), (172, 13875), (173, 13878),

Gene: Austelle_14 Start: 13980, Stop: 14774, Start Num: 12

Candidate Starts for Austelle_14:

(Start: 12 @13980 has 338 MA's), (18, 14001), (23, 14013), (Start: 44 @14112 has 2 MA's), (67, 14250), (79, 14304), (82, 14325), (86, 14346), (88, 14352), (92, 14376), (105, 14439), (115, 14481), (142, 14577), (150, 14619), (161, 14661), (170, 14703), (181, 14751),

Gene: Axumite_12 Start: 11636, Stop: 12418, Start Num: 12

Candidate Starts for Axumite_12:

(Start: 12 @11636 has 338 MA's), (17, 11648), (36, 11726), (150, 12272), (153, 12287), (159, 12308), (168, 12350), (170, 12356), (178, 12395),

Gene: BabyDotz_25 Start: 16013, Stop: 16747, Start Num: 24

Candidate Starts for BabyDotz_25:

(Start: 19 @16004 has 1 MA's), (Start: 24 @16013 has 38 MA's), (37, 16073), (52, 16166), (70, 16265), (106, 16427), (118, 16475), (124, 16496), (147, 16595), (154, 16622),

Gene: Badfish_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Badfish_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Bae_14 Start: 13351, Stop: 14157, Start Num: 12

Candidate Starts for Bae_14:

(Start: 12 @13351 has 338 MA's), (Start: 19 @13366 has 1 MA's), (29, 13393), (33, 13417), (Start: 38 @13441 has 6 MA's), (68, 13645), (69, 13648), (84, 13726), (90, 13756), (92, 13768), (106, 13831), (109, 13843), (142, 13960), (150, 14002), (161, 14044), (168, 14080),

Gene: Baloo_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Baloo_15:

(Start: 11 @13140 has 45 MA's), (32, 13203), (Start: 44 @13266 has 2 MA's), (60, 13362), (67, 13410), (69, 13416), (79, 13464), (92, 13536), (99, 13566), (105, 13587), (119, 13647), (126, 13668), (142, 13734), (172, 13875), (173, 13878),

Gene: Bananafish_16 Start: 14532, Stop: 15350, Start Num: 10

Candidate Starts for Bananafish_16:

(Start: 10 @14532 has 33 MA's), (Start: 44 @14676 has 2 MA's), (Start: 58 @14757 has 1 MA's), (66, 14811), (67, 14817), (80, 14877), (87, 14916), (94, 14955), (105, 14994), (131, 15090), (142, 15138), (150, 15180), (159, 15216), (173, 15282),

Gene: Banjo_12 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for Banjo_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Basato_14 Start: 11836, Stop: 12639, Start Num: 12

Candidate Starts for Basato_14:

(Start: 12 @11836 has 338 MA's), (18, 11857), (23, 11869), (27, 11881), (57, 12043), (69, 12112), (79, 12160), (92, 12232), (104, 12277), (108, 12301), (121, 12352), (140, 12406), (150, 12463), (160, 12502),

Gene: BatteryCK_12 Start: 11155, Stop: 11952, Start Num: 12

Candidate Starts for BatteryCK_12:

(Start: 12 @11155 has 338 MA's), (18, 11176), (23, 11188), (27, 11200), (69, 11431), (79, 11479), (92, 11551), (104, 11596), (108, 11620), (121, 11671), (140, 11725), (150, 11782), (160, 11821),

Gene: Beaglebox_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Beaglebox_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Ben11_14 Start: 12964, Stop: 13773, Start Num: 11

Candidate Starts for Ben11_14:

(Start: 11 @12964 has 45 MA's), (32, 13027), (Start: 44 @13090 has 2 MA's), (60, 13186), (67, 13234), (69, 13240), (79, 13288), (92, 13360), (99, 13390), (105, 13411), (119, 13471), (126, 13492), (142, 13558), (172, 13699), (173, 13702),

Gene: Bernardo_15 Start: 13139, Stop: 13948, Start Num: 11

Candidate Starts for Bernardo_15:

(Start: 11 @13139 has 45 MA's), (32, 13202), (Start: 44 @13265 has 2 MA's), (60, 13361), (67, 13409), (69, 13415), (79, 13463), (92, 13535), (99, 13565), (105, 13586), (119, 13646), (126, 13667), (142, 13733), (172, 13874), (173, 13877),

Gene: BiggityBass_11 Start: 11443, Stop: 12225, Start Num: 12

Candidate Starts for BiggityBass_11:

(Start: 12 @11443 has 338 MA's), (23, 11482), (36, 11536), (47, 11599), (80, 11776), (84, 11800), (145, 12055), (153, 12094), (173, 12181),

Gene: BirdInFrench_25 Start: 14837, Stop: 15583, Start Num: 24

Candidate Starts for BirdInFrench_25:

(Start: 19 @14828 has 1 MA's), (Start: 24 @14837 has 38 MA's), (87, 15164), (116, 15287), (118, 15296), (139, 15371), (141, 15386), (169, 15524), (171, 15533), (180, 15569),

Gene: BirdsNest_18 Start: 12456, Stop: 13232, Start Num: 16

Candidate Starts for BirdsNest_18:

(Start: 16 @12456 has 2 MA's), (18, 12468), (26, 12483), (Start: 44 @12576 has 2 MA's), (68, 12720), (79, 12771), (95, 12861), (105, 12912), (142, 13041), (161, 13125), (170, 13167), (181, 13215),

Gene: Bishoperium_12 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for Bishoperium_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Blab_24 Start: 15642, Stop: 16376, Start Num: 24

Candidate Starts for Blab_24:

(Start: 19 @15633 has 1 MA's), (Start: 24 @15642 has 38 MA's), (37, 15702), (70, 15894), (106, 16056), (112, 16083), (118, 16104), (123, 16122), (124, 16125), (134, 16152), (135, 16155), (141, 16191), (147, 16224), (154, 16251),

Gene: BlackStallion_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for BlackStallion_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Blocker23_16 Start: 14652, Stop: 15470, Start Num: 10

Candidate Starts for Blocker23_16:

(Start: 10 @14652 has 33 MA's), (Start: 44 @14796 has 2 MA's), (Start: 58 @14877 has 1 MA's), (66, 14931), (67, 14937), (80, 14997), (87, 15036), (94, 15075), (105, 15114), (131, 15210), (142, 15258), (150, 15300), (159, 15336), (173, 15402),

Gene: BlueHusk_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for BlueHusk_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Bluephacebaby_12 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for Bluephacebaby_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: BobRoss2024_11 Start: 11473, Stop: 12249, Start Num: 12

Candidate Starts for BobRoss2024_11:

(Start: 12 @11473 has 338 MA's), (23, 11512), (34, 11563), (45, 11617), (142, 12061), (159, 12139), (178, 12226),

Gene: BobbyK_13 Start: 13343, Stop: 14137, Start Num: 12

Candidate Starts for BobbyK_13:

(Start: 12 @13343 has 338 MA's), (18, 13364), (23, 13376), (Start: 44 @13475 has 2 MA's), (67, 13613), (79, 13667), (82, 13688), (86, 13709), (88, 13715), (105, 13802), (115, 13844), (142, 13940), (150, 13982), (161, 14024), (170, 14066), (181, 14114),

Gene: Boehler_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Boehler_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Boyle_16 Start: 14653, Stop: 15471, Start Num: 10

Candidate Starts for Boyle_16:

(Start: 10 @14653 has 33 MA's), (Start: 44 @14797 has 2 MA's), (Start: 58 @14878 has 1 MA's), (66, 14932), (67, 14938), (80, 14998), (87, 15037), (94, 15076), (105, 15115), (131, 15211), (142, 15259), (150, 15301), (159, 15337), (173, 15403),

Gene: BrazzalePHS_27 Start: 15687, Stop: 16517, Start Num: 20

Candidate Starts for BrazzalePHS_27:

(Start: 20 @15687 has 43 MA's), (Start: 44 @15798 has 2 MA's), (Start: 58 @15870 has 1 MA's), (69, 15930), (94, 16080), (100, 16107), (104, 16131), (106, 16146), (116, 16185), (118, 16194), (120, 16206), (167, 16428), (180, 16482),

Gene: Briakila_15 Start: 13905, Stop: 14714, Start Num: 11

Candidate Starts for Briakila_15:

(Start: 11 @13905 has 45 MA's), (32, 13968), (Start: 44 @14031 has 2 MA's), (60, 14127), (67, 14175), (69, 14181), (79, 14229), (92, 14301), (99, 14331), (102, 14334), (105, 14352), (119, 14412), (126, 14433), (142, 14499), (172, 14640), (173, 14643),

Gene: Brilliant_13 Start: 11308, Stop: 12105, Start Num: 12

Candidate Starts for Brilliant_13:

(Start: 12 @11308 has 338 MA's), (18, 11329), (23, 11341), (27, 11353), (57, 11515), (69, 11584), (79, 11632), (92, 11704), (104, 11749), (108, 11773), (121, 11824), (140, 11878), (150, 11935), (160, 11974),

Gene: BrownCNA_14 Start: 13597, Stop: 14391, Start Num: 12

Candidate Starts for BrownCNA_14:

(Start: 12 @13597 has 338 MA's), (18, 13618), (23, 13630), (Start: 44 @13729 has 2 MA's), (67, 13867), (79, 13921), (82, 13942), (86, 13963), (88, 13969), (92, 13993), (105, 14056), (115, 14098), (142, 14194), (150, 14236), (161, 14278), (170, 14320), (181, 14368),

Gene: Brownie5_16 Start: 14652, Stop: 15470, Start Num: 10

Candidate Starts for Brownie5_16:

(Start: 10 @14652 has 33 MA's), (Start: 44 @14796 has 2 MA's), (Start: 58 @14877 has 1 MA's), (66, 14931), (67, 14937), (80, 14997), (87, 15036), (94, 15075), (105, 15114), (131, 15210), (142, 15258), (150, 15300), (159, 15336), (173, 15402),

Gene: Buckeye_13 Start: 11604, Stop: 12407, Start Num: 12

Candidate Starts for Buckeye_13:

(Start: 12 @11604 has 338 MA's), (18, 11625), (23, 11637), (27, 11649), (57, 11811), (69, 11880), (79, 11928), (92, 12000), (104, 12045), (108, 12069), (121, 12120), (140, 12174), (150, 12231), (160, 12270),

Gene: Burr_12 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for Burr_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Busephilis_27 Start: 15623, Stop: 16453, Start Num: 20

Candidate Starts for Busephilis_27:

(Start: 20 @15623 has 43 MA's), (Start: 44 @15734 has 2 MA's), (Start: 58 @15806 has 1 MA's), (69, 15866), (94, 16016), (100, 16043), (104, 16067), (106, 16082), (116, 16121), (118, 16130), (120,

16142), (141, 16214), (167, 16364), (180, 16418),

Gene: CRB2_16 Start: 14223, Stop: 15020, Start Num: 7

Candidate Starts for CRB2_16:

(Start: 7 @14223 has 2 MA's), (18, 14262), (23, 14274), (59, 14457), (65, 14493), (67, 14505), (84, 14589), (142, 14829), (148, 14865), (150, 14871), (170, 14955), (178, 14994), (181, 15003),

Gene: CaiB_14 Start: 13114, Stop: 13887, Start Num: 12

Candidate Starts for CaiB_14:

(Start: 12 @13114 has 338 MA's), (Start: 44 @13246 has 2 MA's), (88, 13477), (103, 13543), (105, 13552), (142, 13696), (170, 13822), (172, 13837),

Gene: Calamitous_16 Start: 14532, Stop: 15350, Start Num: 10

Candidate Starts for Calamitous_16:

(Start: 10 @14532 has 33 MA's), (Start: 44 @14676 has 2 MA's), (Start: 58 @14757 has 1 MA's), (66, 14811), (67, 14817), (80, 14877), (87, 14916), (94, 14955), (105, 14994), (131, 15090), (142, 15138), (150, 15180), (159, 15216), (173, 15282),

Gene: CamL_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for CamL_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: CampRoach_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for CampRoach_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: CandC_24 Start: 14442, Stop: 15179, Start Num: 24

Candidate Starts for CandC_24:

(Start: 19 @14433 has 1 MA's), (Start: 24 @14442 has 38 MA's), (55, 14613), (87, 14769), (116, 14892), (118, 14901), (123, 14919), (141, 14991), (151, 15045), (171, 15138),

Gene: Cannibal_13 Start: 11605, Stop: 12402, Start Num: 12

Candidate Starts for Cannibal_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Carthage_12 Start: 11277, Stop: 12080, Start Num: 12

Candidate Starts for Carthage_12:

(Start: 12 @11277 has 338 MA's), (18, 11298), (23, 11310), (27, 11322), (57, 11484), (69, 11553), (79, 11601), (92, 11673), (104, 11718), (108, 11742), (121, 11793), (140, 11847), (150, 11904), (160, 11943),

Gene: Casbah_14 Start: 12992, Stop: 13801, Start Num: 11

Candidate Starts for Casbah_14:

(Start: 11 @12992 has 45 MA's), (32, 13055), (Start: 44 @13118 has 2 MA's), (60, 13214), (67, 13262), (69, 13268), (79, 13316), (92, 13388), (99, 13418), (105, 13439), (119, 13499), (126, 13520), (142, 13586), (172, 13727), (173, 13730),

Gene: Casend_27 Start: 16359, Stop: 17093, Start Num: 24

Candidate Starts for Casend_27:

(Start: 19 @16350 has 1 MA's), (Start: 24 @16359 has 38 MA's), (37, 16419), (52, 16512), (70, 16611), (106, 16773), (118, 16821), (124, 16842), (147, 16941),

Gene: Cepens_10 Start: 12730, Stop: 13506, Start Num: 12

Candidate Starts for Cepens_10:

(Start: 12 @12730 has 338 MA's), (23, 12751), (25, 12754), (30, 12772), (36, 12805), (45, 12859), (47, 12865), (51, 12898), (79, 13045), (83, 13069), (84, 13075), (103, 13159), (124, 13243), (137, 13285), (159, 13390), (162, 13396), (173, 13456),

Gene: ChaChing_15 Start: 13155, Stop: 13964, Start Num: 11

Candidate Starts for ChaChing_15:

(Start: 11 @13155 has 45 MA's), (32, 13218), (Start: 44 @13281 has 2 MA's), (60, 13377), (67, 13425), (69, 13431), (79, 13479), (92, 13551), (99, 13581), (105, 13602), (119, 13662), (126, 13683), (142, 13749), (172, 13890), (173, 13893),

Gene: Chaelin_12 Start: 11263, Stop: 12066, Start Num: 12

Candidate Starts for Chaelin_12:

(Start: 12 @11263 has 338 MA's), (18, 11284), (23, 11296), (27, 11308), (57, 11470), (69, 11539), (79, 11587), (92, 11659), (104, 11704), (108, 11728), (121, 11779), (140, 11833), (150, 11890), (160, 11929),

Gene: Chah_13 Start: 11603, Stop: 12406, Start Num: 12

Candidate Starts for Chah_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Chandler_15 Start: 13914, Stop: 14723, Start Num: 11

Candidate Starts for Chandler_15:

(Start: 11 @13914 has 45 MA's), (32, 13977), (Start: 44 @14040 has 2 MA's), (60, 14136), (67, 14184), (69, 14190), (79, 14238), (92, 14310), (99, 14340), (102, 14343), (105, 14361), (119, 14421), (126, 14442), (142, 14508), (172, 14649), (173, 14652),

Gene: Charles1_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Charles1_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: CharlieGBrown_12 Start: 11173, Stop: 11970, Start Num: 12

Candidate Starts for CharlieGBrown_12:

(Start: 12 @11173 has 338 MA's), (18, 11194), (23, 11206), (27, 11218), (69, 11449), (79, 11497), (92, 11569), (104, 11614), (108, 11638), (121, 11689), (140, 11743), (150, 11800), (160, 11839),

Gene: CharlottesWeb_12 Start: 11678, Stop: 12469, Start Num: 12

Candidate Starts for CharlottesWeb_12:

(Start: 12 @11678 has 338 MA's), (23, 11714), (36, 11768), (47, 11834), (71, 11972), (105, 12128), (142, 12272), (159, 12350), (172, 12413),

Gene: CheetO_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for CheetO_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Cher_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Cher_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Childish_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Childish_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Chorkpop_13 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Chorkpop_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: ChrisnMich_12 Start: 12252, Stop: 13046, Start Num: 12

Candidate Starts for ChrisnMich_12:

(Start: 12 @12252 has 338 MA's), (18, 12273), (21, 12282), (35, 12339), (Start: 44 @12384 has 2 MA's), (67, 12522), (79, 12576), (82, 12597), (86, 12618), (88, 12624), (115, 12753), (142, 12849), (145, 12867), (150, 12891), (170, 12975), (181, 13023),

Gene: Chunky_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Chunky_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Chute_12 Start: 11617, Stop: 12414, Start Num: 12

Candidate Starts for Chute_12:

(Start: 12 @11617 has 338 MA's), (18, 11638), (23, 11650), (27, 11662), (69, 11893), (79, 11941), (92, 12013), (104, 12058), (108, 12082), (121, 12133), (140, 12187), (150, 12244), (160, 12283),

Gene: Cinna_23 Start: 15247, Stop: 16008, Start Num: 38

Candidate Starts for Cinna_23:

(Start: 22 @15178 has 1 MA's), (Start: 38 @15247 has 6 MA's), (63, 15400), (93, 15562), (106, 15646), (116, 15685), (118, 15694), (141, 15778), (142, 15781), (150, 15814), (152, 15829), (158, 15853), (166, 15901), (173, 15931), (175, 15940), (182, 15976),

Gene: Clawz_45 Start: 24999, Stop: 25766, Start Num: 12

Candidate Starts for Clawz_45:

(Start: 12 @24999 has 338 MA's), (39, 25101), (Start: 44 @25131 has 2 MA's), (48, 25161), (101, 25413), (107, 25449), (153, 25635),

Gene: ClearAsMud_30 Start: 16413, Stop: 17243, Start Num: 20

Candidate Starts for ClearAsMud_30:

(Start: 20 @16413 has 43 MA's), (Start: 44 @16524 has 2 MA's), (Start: 58 @16596 has 1 MA's), (94, 16806), (100, 16833), (104, 16857), (106, 16872), (118, 16920), (120, 16932), (152, 17079), (157, 17100), (167, 17154), (180, 17208),

Gene: CloverMinnie_14 Start: 13114, Stop: 13887, Start Num: 12

Candidate Starts for CloverMinnie_14:

(Start: 12 @13114 has 338 MA's), (Start: 44 @13246 has 2 MA's), (85, 13465), (88, 13477), (103, 13543), (105, 13552), (142, 13696), (170, 13822), (172, 13837),

Gene: Cobra_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Cobra_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Coffee_16 Start: 14649, Stop: 15467, Start Num: 10

Candidate Starts for Coffee_16:

(Start: 10 @14649 has 33 MA's), (Start: 44 @14793 has 2 MA's), (66, 14928), (67, 14934), (80, 14994), (87, 15033), (94, 15072), (105, 15111), (131, 15207), (142, 15255), (150, 15297), (159, 15333), (173, 15399),

Gene: Colbert_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Colbert_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: ColdSoup_46 Start: 25052, Stop: 25819, Start Num: 12

Candidate Starts for ColdSoup_46:

(Start: 12 @25052 has 338 MA's), (31, 25118), (39, 25154), (72, 25325), (73, 25328), (101, 25466), (103, 25478), (109, 25508), (116, 25532), (153, 25688), (155, 25694), (164, 25733), (172, 25772), (179, 25799),

Gene: Coldpizza_13 Start: 13595, Stop: 14395, Start Num: 12

Candidate Starts for Coldpizza_13:

(Start: 12 @13595 has 338 MA's), (81, 13931), (105, 14042), (150, 14228), (161, 14270), (170, 14312),

Gene: Coletti_12 Start: 11617, Stop: 12414, Start Num: 12

Candidate Starts for Coletti_12:

(Start: 12 @11617 has 338 MA's), (18, 11638), (23, 11650), (27, 11662), (69, 11893), (79, 11941), (92, 12013), (104, 12058), (108, 12082), (121, 12133), (140, 12187), (150, 12244), (160, 12283),

Gene: Compostia_16 Start: 13573, Stop: 14382, Start Num: 11

Candidate Starts for Compostia_16:

(Start: 11 @13573 has 45 MA's), (32, 13636), (Start: 44 @13699 has 2 MA's), (60, 13795), (67, 13843), (69, 13849), (79, 13897), (92, 13969), (99, 13999), (102, 14002), (105, 14020), (119, 14080), (126, 14101), (142, 14167), (172, 14308), (173, 14311),

Gene: Cooper_13 Start: 12350, Stop: 13141, Start Num: 12

Candidate Starts for Cooper_13:

(Start: 12 @12350 has 338 MA's), (18, 12362), (21, 12371), (35, 12428), (Start: 44 @12473 has 2 MA's), (56, 12551), (67, 12611), (79, 12665), (82, 12686), (86, 12707), (88, 12713), (115, 12842),

(121, 12869), (140, 12929), (142, 12944), (145, 12962), (150, 12986), (161, 13028), (181, 13118),

Gene: Cornobble_12 Start: 11150, Stop: 11953, Start Num: 12

Candidate Starts for Cornobble_12:

(Start: 12 @11150 has 338 MA's), (18, 11171), (23, 11183), (27, 11195), (57, 11357), (69, 11426), (79, 11474), (92, 11546), (104, 11591), (108, 11615), (121, 11666), (140, 11720), (150, 11777), (160, 11816),

Gene: Corofin_15 Start: 13165, Stop: 13974, Start Num: 11

Candidate Starts for Corofin_15:

(Start: 11 @13165 has 45 MA's), (32, 13228), (Start: 44 @13291 has 2 MA's), (60, 13387), (67, 13435), (69, 13441), (79, 13489), (92, 13561), (99, 13591), (102, 13594), (105, 13612), (119, 13672), (126, 13693), (142, 13759), (172, 13900), (173, 13903),

Gene: Cosmolli16_12 Start: 11307, Stop: 12110, Start Num: 12

Candidate Starts for Cosmolli16_12:

(Start: 12 @11307 has 338 MA's), (18, 11328), (23, 11340), (27, 11352), (57, 11514), (69, 11583), (79, 11631), (92, 11703), (104, 11748), (108, 11772), (121, 11823), (140, 11877), (150, 11934), (160, 11973),

Gene: Craff_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Craff_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Cranjis_29 Start: 15847, Stop: 16677, Start Num: 20

Candidate Starts for Cranjis_29:

(Start: 20 @15847 has 43 MA's), (Start: 44 @15958 has 2 MA's), (Start: 58 @16030 has 1 MA's), (69, 16090), (94, 16240), (100, 16267), (104, 16291), (106, 16306), (116, 16345), (118, 16354), (120, 16366), (167, 16588), (180, 16642),

Gene: CrazyRich_27 Start: 15657, Stop: 16487, Start Num: 20

Candidate Starts for CrazyRich_27:

(Start: 20 @15657 has 43 MA's), (Start: 44 @15768 has 2 MA's), (Start: 58 @15840 has 1 MA's), (69, 15900), (94, 16050), (100, 16077), (104, 16101), (106, 16116), (116, 16155), (118, 16164), (120, 16176), (167, 16398), (180, 16452),

Gene: Cressida_25 Start: 15291, Stop: 16052, Start Num: 38

Candidate Starts for Cressida_25:

(Start: 22 @15222 has 1 MA's), (Start: 38 @15291 has 6 MA's), (63, 15444), (93, 15606), (100, 15651), (106, 15690), (116, 15729), (118, 15738), (141, 15822), (142, 15825), (150, 15858), (152, 15873), (158, 15897), (173, 15975), (175, 15984), (182, 16020),

Gene: Crisis_29 Start: 15642, Stop: 16472, Start Num: 20

Candidate Starts for Crisis_29:

(Start: 20 @15642 has 43 MA's), (Start: 44 @15753 has 2 MA's), (Start: 58 @15825 has 1 MA's), (69, 15885), (94, 16035), (104, 16086), (106, 16101), (116, 16140), (118, 16149), (120, 16161), (167, 16383), (180, 16437),

Gene: Crownjwl_13 Start: 11387, Stop: 12190, Start Num: 12

Candidate Starts for Crownjwl_13:

(Start: 12 @11387 has 338 MA's), (18, 11408), (23, 11420), (27, 11432), (57, 11594), (69, 11663), (79, 11711), (92, 11783), (104, 11828), (108, 11852), (121, 11903), (140, 11957), (150, 12014), (160, 12053),

Gene: D12_10 Start: 12708, Stop: 13484, Start Num: 12

Candidate Starts for D12_10:

(Start: 12 @12708 has 338 MA's), (23, 12729), (25, 12732), (30, 12750), (36, 12783), (45, 12837), (47, 12843), (51, 12876), (79, 13023), (83, 13047), (84, 13053), (103, 13137), (124, 13221), (137, 13263), (159, 13368), (162, 13374), (173, 13434),

Gene: DaddyDaniels_13 Start: 11305, Stop: 12108, Start Num: 12

Candidate Starts for DaddyDaniels_13:

(Start: 12 @11305 has 338 MA's), (18, 11326), (23, 11338), (27, 11350), (57, 11512), (69, 11581), (79, 11629), (92, 11701), (104, 11746), (108, 11770), (121, 11821), (140, 11875), (150, 11932), (160, 11971),

Gene: Daffy_13 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Daffy_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Daisy_15 Start: 13161, Stop: 13970, Start Num: 11

Candidate Starts for Daisy_15:

(Start: 11 @13161 has 45 MA's), (32, 13224), (Start: 44 @13287 has 2 MA's), (60, 13383), (67, 13431), (69, 13437), (79, 13485), (92, 13557), (99, 13587), (102, 13590), (105, 13608), (119, 13668), (126, 13689), (142, 13755), (172, 13896), (173, 13899),

Gene: Daka_13 Start: 11605, Stop: 12402, Start Num: 12

Candidate Starts for Daka_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Dati_13 Start: 11303, Stop: 12106, Start Num: 12

Candidate Starts for Dati_13:

(Start: 12 @11303 has 338 MA's), (18, 11324), (23, 11336), (27, 11348), (57, 11510), (69, 11579), (79, 11627), (92, 11699), (104, 11744), (108, 11768), (121, 11819), (140, 11873), (150, 11930), (160, 11969),

Gene: Deenasa_15 Start: 13903, Stop: 14712, Start Num: 11

Candidate Starts for Deenasa_15:

(Start: 11 @13903 has 45 MA's), (32, 13966), (Start: 44 @14029 has 2 MA's), (60, 14125), (67, 14173), (69, 14179), (79, 14227), (92, 14299), (99, 14329), (105, 14350), (119, 14410), (126, 14431), (142, 14497), (172, 14638), (173, 14641),

Gene: DelRivs_12 Start: 11308, Stop: 12111, Start Num: 12

Candidate Starts for DelRivs_12:

(Start: 12 @11308 has 338 MA's), (18, 11329), (23, 11341), (27, 11353), (57, 11515), (69, 11584), (79, 11632), (92, 11704), (104, 11749), (108, 11773), (121, 11824), (140, 11878), (150, 11935), (160, 11974),

Gene: Derpp_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for Derpp_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Devonte_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for Devonte_15:

(Start: 11 @13140 has 45 MA's), (32, 13203), (Start: 44 @13266 has 2 MA's), (60, 13362), (67, 13410), (69, 13416), (79, 13464), (92, 13536), (99, 13566), (105, 13587), (119, 13647), (126, 13668), (142, 13734), (172, 13875), (173, 13878),

Gene: Dewdrop_62 Start: 32410, Stop: 33225, Start Num: 20

Candidate Starts for Dewdrop_62:

(Start: 20 @32410 has 43 MA's), (Start: 38 @32482 has 6 MA's), (Start: 44 @32524 has 2 MA's), (61, 32614), (62, 32623), (98, 32800), (120, 32899), (142, 32977), (154, 33028),

Gene: Dice_12 Start: 11308, Stop: 12105, Start Num: 12

Candidate Starts for Dice_12:

(Start: 12 @11308 has 338 MA's), (18, 11329), (23, 11341), (27, 11353), (57, 11515), (69, 11584), (79, 11632), (92, 11704), (104, 11749), (108, 11773), (121, 11824), (140, 11878), (150, 11935), (160, 11974),

Gene: DigitDog_14 Start: 13334, Stop: 14140, Start Num: 12

Candidate Starts for DigitDog_14:

(Start: 12 @13334 has 338 MA's), (Start: 38 @13424 has 6 MA's), (68, 13628), (84, 13709), (92, 13751), (106, 13814), (109, 13826), (127, 13886), (142, 13943), (150, 13985), (168, 14063), (181, 14117),

Gene: Dingo_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Dingo_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Dione_12 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for Dione_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: DirtJuice_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for DirtJuice_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Doddsville_13 Start: 11303, Stop: 12106, Start Num: 12

Candidate Starts for Doddsville_13:

(Start: 12 @11303 has 338 MA's), (18, 11324), (23, 11336), (27, 11348), (57, 11510), (69, 11579), (79, 11627), (92, 11699), (104, 11744), (108, 11768), (121, 11819), (140, 11873), (150, 11930), (160, 11969),

Gene: DoesntMatter_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for DoesntMatter_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: DonSanchon_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for DonSanchon_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: DonTron_45 Start: 25122, Stop: 25889, Start Num: 12

Candidate Starts for DonTron_45:

(Start: 12 @25122 has 338 MA's), (31, 25188), (39, 25224), (72, 25395), (73, 25398), (103, 25548), (116, 25602), (153, 25758), (155, 25764), (172, 25842), (179, 25869),

Gene: DonaldDuck_26 Start: 15705, Stop: 16439, Start Num: 24

Candidate Starts for DonaldDuck_26:

(Start: 19 @15696 has 1 MA's), (Start: 24 @15705 has 38 MA's), (37, 15765), (52, 15858), (70, 15957), (106, 16119), (118, 16167), (124, 16188), (147, 16287),

Gene: Donny_14 Start: 13351, Stop: 14157, Start Num: 12

Candidate Starts for Donny_14:

(Start: 12 @13351 has 338 MA's), (Start: 19 @13366 has 1 MA's), (29, 13393), (Start: 38 @13441 has 6 MA's), (84, 13726), (92, 13768), (96, 13786), (102, 13804), (106, 13831), (109, 13843), (127, 13903), (142, 13960), (145, 13978), (150, 14002), (161, 14044), (168, 14080),

Gene: Dori_11 Start: 10375, Stop: 11223, Start Num: 12

Candidate Starts for Dori_11:

(Start: 12 @10375 has 338 MA's), (Start: 19 @10390 has 1 MA's), (Start: 44 @10501 has 2 MA's), (47, 10513), (51, 10546), (69, 10648), (79, 10696), (88, 10744), (92, 10768), (103, 10810), (108, 10837), (129, 10912), (133, 10918), (140, 10948), (142, 10963), (145, 10981), (161, 11047), (163, 11059), (168, 11083), (172, 11104), (181, 11137),

Gene: DuchessDung_12 Start: 11155, Stop: 11952, Start Num: 12

Candidate Starts for DuchessDung_12:

(Start: 12 @11155 has 338 MA's), (18, 11176), (23, 11188), (27, 11200), (69, 11431), (79, 11479), (92, 11551), (104, 11596), (108, 11620), (121, 11671), (140, 11725), (150, 11782), (160, 11821),

Gene: Duggie_12 Start: 11305, Stop: 12108, Start Num: 12

Candidate Starts for Duggie_12:

(Start: 12 @11305 has 338 MA's), (18, 11326), (23, 11338), (27, 11350), (57, 11512), (69, 11581), (79, 11629), (92, 11701), (104, 11746), (108, 11770), (121, 11821), (140, 11875), (150, 11932), (160, 11971),

Gene: Durga_13 Start: 11616, Stop: 12413, Start Num: 12

Candidate Starts for Durga_13:

(Start: 12 @11616 has 338 MA's), (18, 11637), (23, 11649), (27, 11661), (57, 11823), (69, 11892), (79, 11940), (92, 12012), (104, 12057), (108, 12081), (121, 12132), (140, 12186), (150, 12243), (160, 12282),

Gene: Eaglehorse_16 Start: 14556, Stop: 15374, Start Num: 10

Candidate Starts for Eaglehorse_16:

(Start: 10 @14556 has 33 MA's), (Start: 44 @14700 has 2 MA's), (Start: 58 @14781 has 1 MA's), (66, 14835), (67, 14841), (80, 14901), (87, 14940), (94, 14979), (105, 15018), (131, 15114), (142, 15162), (150, 15204), (159, 15240), (173, 15306),

Gene: EarickHC_28 Start: 15751, Stop: 16398, Start Num: 58

Candidate Starts for EarickHC_28:

(Start: 20 @15568 has 43 MA's), (Start: 44 @15679 has 2 MA's), (Start: 58 @15751 has 1 MA's), (69, 15811), (94, 15961), (104, 16012), (106, 16027), (116, 16066), (118, 16075), (120, 16087), (167, 16309), (180, 16363),

Gene: EastView9101_14 Start: 13358, Stop: 14164, Start Num: 12

Candidate Starts for EastView9101_14:

(Start: 12 @13358 has 338 MA's), (Start: 19 @13373 has 1 MA's), (29, 13400), (Start: 38 @13448 has 6 MA's), (69, 13655), (79, 13703), (84, 13733), (92, 13775), (96, 13793), (102, 13811), (106, 13838), (109, 13850), (127, 13910), (142, 13967), (150, 14009), (168, 14087),

Gene: Emiris_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for Emiris_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: EmpTee_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for EmpTee_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Epah_12 Start: 12252, Stop: 13046, Start Num: 12

Candidate Starts for Epah_12:

(Start: 12 @12252 has 338 MA's), (18, 12273), (21, 12282), (35, 12339), (Start: 44 @12384 has 2 MA's), (67, 12522), (79, 12576), (82, 12597), (86, 12618), (88, 12624), (105, 12711), (115, 12753), (142, 12849), (145, 12867), (150, 12891), (161, 12933), (170, 12975), (181, 13023),

Gene: Eremos_13 Start: 11596, Stop: 12399, Start Num: 12

Candidate Starts for Eremos_13:

(Start: 12 @11596 has 338 MA's), (18, 11617), (23, 11629), (27, 11641), (57, 11803), (69, 11872), (79, 11920), (92, 11992), (104, 12037), (108, 12061), (121, 12112), (140, 12166), (150, 12223), (160, 12262),

Gene: Etaye_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for Etaye_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Eugenia_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for Eugenia_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Evaa_13 Start: 12976, Stop: 13755, Start Num: 12

Candidate Starts for Evaa_13:

(Start: 12 @12976 has 338 MA's), (81, 13312), (105, 13420), (133, 13519), (142, 13564), (150, 13606), (161, 13648),

Gene: EverythinBagel_26 Start: 16093, Stop: 16827, Start Num: 24

Candidate Starts for EverythinBagel_26:

(Start: 19 @16084 has 1 MA's), (Start: 24 @16093 has 38 MA's), (52, 16246), (70, 16345), (106, 16507), (118, 16555), (124, 16576), (134, 16603), (147, 16675), (154, 16702), (165, 16762),

Gene: Fanaw_13 Start: 13346, Stop: 14140, Start Num: 12

Candidate Starts for Fanaw_13:

(Start: 12 @13346 has 338 MA's), (18, 13367), (Start: 44 @13478 has 2 MA's), (67, 13616), (82, 13691), (88, 13718), (92, 13742), (105, 13805), (115, 13847), (142, 13943), (143, 13946), (150, 13985), (161, 14027), (170, 14069), (181, 14117),

Gene: Fang_13 Start: 11606, Stop: 12403, Start Num: 12

Candidate Starts for Fang_13:

(Start: 12 @11606 has 338 MA's), (18, 11627), (23, 11639), (27, 11651), (57, 11813), (69, 11882), (79, 11930), (92, 12002), (104, 12047), (108, 12071), (121, 12122), (140, 12176), (150, 12233), (160, 12272),

Gene: Faze9_16 Start: 14649, Stop: 15467, Start Num: 10

Candidate Starts for Faze9_16:

(Start: 10 @14649 has 33 MA's), (Start: 44 @14793 has 2 MA's), (Start: 58 @14874 has 1 MA's), (66, 14928), (67, 14934), (80, 14994), (87, 15033), (94, 15072), (105, 15111), (131, 15207), (142, 15255), (150, 15297), (159, 15333), (173, 15399),

Gene: Fireman_28 Start: 15540, Stop: 16349, Start Num: 20

Candidate Starts for Fireman_28:

(Start: 20 @15540 has 43 MA's), (43, 15642), (Start: 44 @15651 has 2 MA's), (46, 15660), (57, 15720), (Start: 58 @15723 has 1 MA's), (69, 15783), (93, 15918), (97, 15957), (116, 16041), (118, 16050), (157, 16206), (167, 16260), (180, 16314), (183, 16338),

Gene: Fizzles_26 Start: 15665, Stop: 16411, Start Num: 24

Candidate Starts for Fizzles_26:

(Start: 19 @15656 has 1 MA's), (Start: 24 @15665 has 38 MA's), (52, 15818), (70, 15917), (87, 15995), (117, 16124), (118, 16127), (123, 16145), (141, 16214), (175, 16379),

Gene: FluffyNinja_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for FluffyNinja_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Fortunato_13 Start: 13340, Stop: 14134, Start Num: 12

Candidate Starts for Fortunato_13:

(Start: 12 @13340 has 338 MA's), (18, 13361), (Start: 44 @13472 has 2 MA's), (67, 13610), (79, 13664), (82, 13685), (86, 13706), (88, 13712), (105, 13799), (115, 13841), (142, 13937), (143, 13940), (150, 13979), (161, 14021), (170, 14063), (181, 14111),

Gene: Fozzie_12 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for Fozzie_12:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: FrankDeliGuy_24 Start: 15667, Stop: 16401, Start Num: 24

Candidate Starts for FrankDeliGuy_24:

(Start: 19 @15658 has 1 MA's), (Start: 24 @15667 has 38 MA's), (37, 15727), (52, 15820), (70, 15919), (106, 16081), (118, 16129), (124, 16150), (147, 16249),

Gene: Frankicide_13 Start: 11604, Stop: 12407, Start Num: 12

Candidate Starts for Frankicide_13:

(Start: 12 @11604 has 338 MA's), (18, 11625), (23, 11637), (27, 11649), (57, 11811), (69, 11880), (79, 11928), (92, 12000), (104, 12045), (108, 12069), (121, 12120), (140, 12174), (150, 12231), (160, 12270),

Gene: Fransoyer_28 Start: 15730, Stop: 16464, Start Num: 24

Candidate Starts for Fransoyer_28:

(Start: 24 @15730 has 38 MA's), (54, 15898), (70, 15979), (118, 16186), (141, 16276), (152, 16333), (160, 16363),

Gene: Frederick_13 Start: 13346, Stop: 14140, Start Num: 12

Candidate Starts for Frederick_13:

(Start: 12 @13346 has 338 MA's), (18, 13367), (23, 13379), (Start: 44 @13478 has 2 MA's), (67, 13616), (79, 13670), (82, 13691), (86, 13712), (88, 13718), (105, 13805), (115, 13847), (142, 13943), (150, 13985), (161, 14027), (170, 14069), (181, 14117),

Gene: Fregley_26 Start: 15015, Stop: 15752, Start Num: 24

Candidate Starts for Fregley_26:

(Start: 19 @15006 has 1 MA's), (Start: 24 @15015 has 38 MA's), (55, 15186), (87, 15342), (116, 15465), (118, 15474), (123, 15492), (141, 15564), (151, 15618), (171, 15711),

Gene: FrenchFry_16 Start: 14652, Stop: 15470, Start Num: 10

Candidate Starts for FrenchFry_16:

(Start: 10 @14652 has 33 MA's), (Start: 44 @14796 has 2 MA's), (45, 14802), (Start: 58 @14877 has 1 MA's), (66, 14931), (67, 14937), (80, 14997), (87, 15036), (94, 15075), (105, 15114), (131, 15210), (142, 15258), (150, 15300), (159, 15336), (173, 15402),

Gene: Fresco_12 Start: 11636, Stop: 12418, Start Num: 12

Candidate Starts for Fresco_12:

(Start: 12 @11636 has 338 MA's), (17, 11648), (36, 11726), (150, 12272), (153, 12287), (159, 12308), (168, 12350), (170, 12356), (178, 12395),

Gene: Freya_12 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for Freya_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: FriarPreacher_13 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for FriarPreacher_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Fringe_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for Fringe_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: FugateOSU_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for FugateOSU_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Funsized_18 Start: 15411, Stop: 16229, Start Num: 12

Candidate Starts for Funsized_18:

(Start: 12 @15411 has 338 MA's), (18, 15441), (23, 15453), (41, 15531), (69, 15699), (75, 15729), (89, 15804), (105, 15876), (114, 15915), (127, 15960), (129, 15966), (136, 15987), (138, 15993), (159, 16104), (172, 16167),

Gene: FuzzBuster_33 Start: 16274, Stop: 17122, Start Num: 20

Candidate Starts for FuzzBuster_33:

(5, 16175), (Start: 20 @16274 has 43 MA's), (30, 16301), (Start: 58 @16463 has 1 MA's), (102, 16700), (108, 16736), (116, 16766), (139, 16847), (158, 16940), (177, 17036), (187, 17087),

Gene: Gadget_16 Start: 13144, Stop: 13953, Start Num: 11

Candidate Starts for Gadget_16:

(Start: 11 @13144 has 45 MA's), (32, 13207), (Start: 44 @13270 has 2 MA's), (60, 13366), (67, 13414), (69, 13420), (79, 13468), (92, 13540), (99, 13570), (105, 13591), (119, 13651), (126, 13672), (142, 13738), (172, 13879), (173, 13882),

Gene: Ganandorf_27 Start: 15815, Stop: 16534, Start Num: 44

Candidate Starts for Ganandorf_27:

(Start: 20 @15704 has 43 MA's), (Start: 44 @15815 has 2 MA's), (Start: 58 @15887 has 1 MA's), (69, 15947), (94, 16097), (100, 16124), (104, 16148), (106, 16163), (116, 16202), (118, 16211), (120, 16223), (167, 16445), (180, 16499),

Gene: Gareth_12 Start: 11306, Stop: 12103, Start Num: 12

Candidate Starts for Gareth_12:

(Start: 12 @11306 has 338 MA's), (18, 11327), (23, 11339), (27, 11351), (57, 11513), (69, 11582), (79, 11630), (92, 11702), (104, 11747), (108, 11771), (121, 11822), (140, 11876), (150, 11933), (160, 11972),

Gene: Gazebo_25 Start: 16208, Stop: 16942, Start Num: 24

Candidate Starts for Gazebo_25:

(Start: 19 @16199 has 1 MA's), (Start: 24 @16208 has 38 MA's), (37, 16268), (70, 16460), (106, 16622), (112, 16649), (118, 16670), (124, 16691), (134, 16718), (135, 16721), (141, 16757), (147, 16790), (154, 16817),

Gene: GeneCoco_13 Start: 11608, Stop: 12405, Start Num: 12

Candidate Starts for GeneCoco_13:

(Start: 12 @11608 has 338 MA's), (18, 11629), (23, 11641), (27, 11653), (57, 11815), (69, 11884), (79, 11932), (92, 12004), (104, 12049), (108, 12073), (121, 12124), (140, 12178), (150, 12235), (160, 12274),

Gene: Gervas_15 Start: 13123, Stop: 13932, Start Num: 11

Candidate Starts for Gervas_15:

(Start: 11 @13123 has 45 MA's), (32, 13186), (Start: 44 @13249 has 2 MA's), (60, 13345), (67, 13393), (69, 13399), (79, 13447), (92, 13519), (99, 13549), (105, 13570), (119, 13630), (126, 13651), (142, 13717), (172, 13858), (173, 13861),

Gene: GinPorsche_12 Start: 12252, Stop: 13046, Start Num: 12

Candidate Starts for GinPorsche_12:

(Start: 12 @12252 has 338 MA's), (18, 12273), (21, 12282), (35, 12339), (Start: 44 @12384 has 2 MA's), (67, 12522), (79, 12576), (82, 12597), (86, 12618), (88, 12624), (105, 12711), (115, 12753), (142, 12849), (145, 12867), (150, 12891), (161, 12933), (170, 12975), (181, 13023),

Gene: Gina_29 Start: 15204, Stop: 16019, Start Num: 20

Candidate Starts for Gina_29:

(Start: 20 @15204 has 43 MA's), (43, 15306), (Start: 44 @15315 has 2 MA's), (46, 15324), (57, 15384), (93, 15582), (97, 15621), (106, 15666), (116, 15705), (118, 15714), (157, 15870), (167, 15924), (180, 15978),

Gene: Giraffe_13 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for Giraffe_13:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Glass_16 Start: 14652, Stop: 15470, Start Num: 10

Candidate Starts for Glass_16:

(Start: 10 @14652 has 33 MA's), (Start: 44 @14796 has 2 MA's), (45, 14802), (66, 14931), (67, 14937), (80, 14997), (87, 15036), (94, 15075), (105, 15114), (131, 15210), (142, 15258), (150, 15300), (159, 15336), (173, 15402),

Gene: GlenHope_16 Start: 13130, Stop: 13939, Start Num: 11

Candidate Starts for GlenHope_16:

(Start: 11 @13130 has 45 MA's), (32, 13193), (Start: 44 @13256 has 2 MA's), (60, 13352), (67, 13400), (69, 13406), (79, 13454), (92, 13526), (99, 13556), (105, 13577), (119, 13637), (126, 13658), (142, 13724), (172, 13865), (173, 13868),

Gene: GodPhather_11 Start: 12988, Stop: 13764, Start Num: 12

Candidate Starts for GodPhather_11:

(Start: 12 @12988 has 338 MA's), (23, 13009), (25, 13012), (30, 13030), (36, 13063), (45, 13117), (47, 13123), (51, 13156), (79, 13303), (83, 13327), (84, 13333), (103, 13417), (124, 13501), (137, 13543), (159, 13648), (162, 13654), (173, 13714),

Gene: Godines_16 Start: 14535, Stop: 15353, Start Num: 10

Candidate Starts for Godines_16:

(Start: 10 @14535 has 33 MA's), (Start: 44 @14679 has 2 MA's), (66, 14814), (67, 14820), (80, 14880), (87, 14919), (94, 14958), (105, 14997), (131, 15093), (142, 15141), (150, 15183), (159, 15219), (173, 15285),

Gene: Gophee_13 Start: 11605, Stop: 12402, Start Num: 12

Candidate Starts for Gophee_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160,

12271),

Gene: Grand2040_12 Start: 11307, Stop: 12110, Start Num: 12

Candidate Starts for Grand2040_12:

(Start: 12 @11307 has 338 MA's), (18, 11328), (23, 11340), (27, 11352), (57, 11514), (69, 11583), (79, 11631), (92, 11703), (104, 11748), (108, 11772), (121, 11823), (140, 11877), (150, 11934), (160, 11973),

Gene: Grassboy_27 Start: 16381, Stop: 17115, Start Num: 24

Candidate Starts for Grassboy_27:

(Start: 19 @16372 has 1 MA's), (Start: 24 @16381 has 38 MA's), (37, 16441), (70, 16633), (106, 16795), (112, 16822), (118, 16843), (124, 16864), (134, 16891), (135, 16894), (141, 16930), (147, 16963), (154, 16990),

Gene: Gwilliam_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Gwilliam_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Gyarad_0013 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Gyarad_0013:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: HSavage_13 Start: 11604, Stop: 12407, Start Num: 12

Candidate Starts for HSavage_13:

(Start: 12 @11604 has 338 MA's), (18, 11625), (23, 11637), (27, 11649), (57, 11811), (69, 11880), (79, 11928), (92, 12000), (104, 12045), (108, 12069), (121, 12120), (140, 12174), (150, 12231), (160, 12270),

Gene: Haimas_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Haimas_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Haleema_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Haleema_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Halfpint_14 Start: 12965, Stop: 13774, Start Num: 11

Candidate Starts for Halfpint_14:

(Start: 11 @12965 has 45 MA's), (32, 13028), (Start: 44 @13091 has 2 MA's), (60, 13187), (67, 13235), (69, 13241), (79, 13289), (92, 13361), (99, 13391), (105, 13412), (119, 13472), (126, 13493), (142, 13559), (172, 13700), (173, 13703),

Gene: Hally898_12 Start: 12252, Stop: 13046, Start Num: 12

Candidate Starts for Hally898_12:

(Start: 12 @12252 has 338 MA's), (18, 12273), (21, 12282), (35, 12339), (Start: 44 @12384 has 2 MA's), (67, 12522), (79, 12576), (82, 12597), (86, 12618), (88, 12624), (105, 12711), (115, 12753), (142, 12849), (145, 12867), (150, 12891), (161, 12933), (170, 12975), (181, 13023),

Gene: Hamish_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Hamish_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Hangman_13 Start: 13346, Stop: 14140, Start Num: 12

Candidate Starts for Hangman_13:

(Start: 12 @13346 has 338 MA's), (18, 13367), (23, 13379), (Start: 44 @13478 has 2 MA's), (67, 13616), (79, 13670), (82, 13691), (86, 13712), (88, 13718), (92, 13742), (105, 13805), (115, 13847), (142, 13943), (150, 13985), (161, 14027), (170, 14069), (181, 14117),

Gene: Hartsy_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for Hartsy_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Harvey_13 Start: 11606, Stop: 12409, Start Num: 12

Candidate Starts for Harvey_13:

(Start: 12 @11606 has 338 MA's), (18, 11627), (23, 11639), (27, 11651), (57, 11813), (69, 11882), (79, 11930), (92, 12002), (104, 12047), (108, 12071), (121, 12122), (140, 12176), (150, 12233), (160, 12272),

Gene: HarveySr_15 Start: 13117, Stop: 13926, Start Num: 11

Candidate Starts for HarveySr_15:

(Start: 11 @13117 has 45 MA's), (32, 13180), (Start: 44 @13243 has 2 MA's), (60, 13339), (67, 13387), (69, 13393), (79, 13441), (92, 13513), (99, 13543), (102, 13546), (105, 13564), (119, 13624), (126, 13645), (142, 13711), (172, 13852), (173, 13855),

Gene: Hashim76_18 Start: 12742, Stop: 13515, Start Num: 18

Candidate Starts for Hashim76_18:

(Start: 16 @12730 has 2 MA's), (18, 12742), (Start: 44 @12850 has 2 MA's), (45, 12856), (57, 12928), (68, 12994), (79, 13045), (105, 13186), (150, 13366), (161, 13408), (170, 13450), (181, 13498),

Gene: Heath_13 Start: 13346, Stop: 14140, Start Num: 12

Candidate Starts for Heath_13:

(Start: 12 @13346 has 338 MA's), (18, 13367), (23, 13379), (Start: 44 @13478 has 2 MA's), (67, 13616), (79, 13670), (82, 13691), (86, 13712), (88, 13718), (105, 13805), (115, 13847), (142, 13943), (143, 13946), (150, 13985), (161, 14027), (170, 14069), (181, 14117),

Gene: Heathcliff_15 Start: 13102, Stop: 13911, Start Num: 11

Candidate Starts for Heathcliff_15:

(Start: 11 @13102 has 45 MA's), (32, 13165), (Start: 44 @13228 has 2 MA's), (60, 13324), (67, 13372), (69, 13378), (79, 13426), (92, 13498), (99, 13528), (102, 13531), (105, 13549), (119, 13609), (126, 13630), (142, 13696), (172, 13837), (173, 13840),

Gene: Hedgerow_16 Start: 14634, Stop: 15452, Start Num: 10

Candidate Starts for Hedgerow_16:

(Start: 10 @14634 has 33 MA's), (Start: 44 @14778 has 2 MA's), (Start: 58 @14859 has 1 MA's), (66, 14913), (67, 14919), (80, 14979), (87, 15018), (94, 15057), (105, 15096), (131, 15192), (142, 15240), (150, 15282), (159, 15318), (173, 15384),

Gene: Held_13 Start: 11310, Stop: 12113, Start Num: 12

Candidate Starts for Held_13:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Hendrix_59 Start: 32358, Stop: 33179, Start Num: 20

Candidate Starts for Hendrix_59:

(Start: 20 @32358 has 43 MA's), (Start: 38 @32430 has 6 MA's), (42, 32460), (Start: 44 @32475 has 2 MA's), (50, 32511), (76, 32646), (78, 32652), (141, 32931), (163, 33036), (184, 33138),

Gene: HenryJackson_12 Start: 11312, Stop: 12115, Start Num: 12

Candidate Starts for HenryJackson_12:

(Start: 12 @11312 has 338 MA's), (18, 11333), (23, 11345), (27, 11357), (57, 11519), (69, 11588), (79, 11636), (92, 11708), (104, 11753), (108, 11777), (121, 11828), (140, 11882), (150, 11939), (160, 11978),

Gene: Hermeonysus_27 Start: 15576, Stop: 16406, Start Num: 20

Candidate Starts for Hermeonysus_27:

(Start: 20 @15576 has 43 MA's), (Start: 44 @15687 has 2 MA's), (Start: 58 @15759 has 1 MA's), (69, 15819), (94, 15969), (100, 15996), (104, 16020), (106, 16035), (116, 16074), (118, 16083), (120, 16095), (167, 16317), (180, 16371),

Gene: Hertubise_13 Start: 11605, Stop: 12402, Start Num: 12

Candidate Starts for Hertubise_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Hetaeria_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Hetaeria_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: HighStump_12 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for HighStump_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Hocus_12 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for Hocus_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Holeinone_16 Start: 14534, Stop: 15352, Start Num: 10

Candidate Starts for Holeinone_16:

(Start: 10 @14534 has 33 MA's), (Start: 44 @14678 has 2 MA's), (66, 14813), (67, 14819), (80, 14879), (87, 14918), (94, 14957), (105, 14996), (131, 15092), (142, 15140), (150, 15182), (159, 15218), (173, 15284),

Gene: Honeyfin_29 Start: 15892, Stop: 16722, Start Num: 20

Candidate Starts for Honeyfin_29:

(Start: 20 @15892 has 43 MA's), (Start: 44 @16003 has 2 MA's), (Start: 58 @16075 has 1 MA's), (69, 16135), (94, 16285), (100, 16312), (104, 16336), (106, 16351), (116, 16390), (118, 16399), (120, 16411), (167, 16633), (180, 16687),

Gene: Horchata_13 Start: 11601, Stop: 12404, Start Num: 12

Candidate Starts for Horchata_13:

(Start: 12 @11601 has 338 MA's), (18, 11622), (23, 11634), (27, 11646), (57, 11808), (69, 11877), (79, 11925), (92, 11997), (104, 12042), (108, 12066), (121, 12117), (140, 12171), (150, 12228), (160, 12267),

Gene: Hosp_09 Start: 10034, Stop: 10801, Start Num: 12

Candidate Starts for Hosp_09:

(Start: 12 @10034 has 338 MA's), (18, 10055), (67, 10295), (82, 10370), (101, 10451), (142, 10610), (145, 10628), (163, 10706), (170, 10736),

Gene: Hydro_13 Start: 13343, Stop: 14137, Start Num: 12

Candidate Starts for Hydro_13:

(Start: 12 @13343 has 338 MA's), (18, 13364), (23, 13376), (Start: 44 @13475 has 2 MA's), (67, 13613), (79, 13667), (82, 13688), (86, 13709), (88, 13715), (92, 13739), (105, 13802), (115, 13844), (142, 13940), (150, 13982), (161, 14024), (170, 14066), (181, 14114),

Gene: Hyperion_25 Start: 16168, Stop: 16902, Start Num: 24

Candidate Starts for Hyperion_25:

(Start: 19 @16159 has 1 MA's), (Start: 24 @16168 has 38 MA's), (37, 16228), (70, 16420), (106, 16582), (112, 16609), (118, 16630), (124, 16651), (134, 16678), (135, 16681), (141, 16717), (147, 16750), (154, 16777),

Gene: ImtiyazSitla_12 Start: 11149, Stop: 11946, Start Num: 12

Candidate Starts for ImtiyazSitla_12:

(Start: 12 @11149 has 338 MA's), (18, 11170), (23, 11182), (27, 11194), (69, 11425), (79, 11473), (92, 11545), (104, 11590), (108, 11614), (121, 11665), (140, 11719), (150, 11776), (160, 11815),

Gene: Imvubu_10 Start: 10724, Stop: 11518, Start Num: 12

Candidate Starts for Imvubu_10:

(Start: 12 @10724 has 338 MA's), (23, 10748), (51, 10889), (69, 10988), (87, 11081), (88, 11084), (94, 11135), (105, 11183), (114, 11222), (122, 11252), (145, 11339), (150, 11363),

Gene: Inchworm_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for Inchworm_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Indlovu_13 Start: 13063, Stop: 13839, Start Num: 15

Candidate Starts for Indlovu_13:

(Start: 15 @13063 has 1 MA's), (18, 13075), (87, 13423), (109, 13531), (131, 13600), (142, 13648), (148, 13684), (150, 13690), (159, 13726), (173, 13792), (181, 13822),

Gene: Inverness_13 Start: 11604, Stop: 12407, Start Num: 12

Candidate Starts for Inverness_13:

(Start: 12 @11604 has 338 MA's), (18, 11625), (23, 11637), (27, 11649), (57, 11811), (69, 11880), (79, 11928), (92, 12000), (104, 12045), (108, 12069), (121, 12120), (140, 12174), (150, 12231), (160, 12270),

Gene: Iridoclysis_13 Start: 11606, Stop: 12403, Start Num: 12

Candidate Starts for Iridoclysis_13:

(Start: 12 @11606 has 338 MA's), (18, 11627), (23, 11639), (27, 11651), (57, 11813), (69, 11882), (79, 11930), (92, 12002), (104, 12047), (108, 12071), (121, 12122), (140, 12176), (150, 12233), (160, 12272),

Gene: IsaacEli_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for IsaacEli_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: ItsyBitsy1_16 Start: 14526, Stop: 15344, Start Num: 10

Candidate Starts for ItsyBitsy1_16:

(Start: 10 @14526 has 33 MA's), (Start: 44 @14670 has 2 MA's), (Start: 58 @14751 has 1 MA's), (66, 14805), (67, 14811), (80, 14871), (87, 14910), (94, 14949), (105, 14988), (131, 15084), (142, 15132), (150, 15174), (159, 15210), (173, 15276),

Gene: JAMaL_13 Start: 13517, Stop: 14314, Start Num: 12

Candidate Starts for JAMaL_13:

(Start: 12 @13517 has 338 MA's), (18, 13535), (21, 13544), (35, 13601), (Start: 44 @13646 has 2 MA's), (67, 13784), (79, 13838), (82, 13859), (86, 13880), (88, 13886), (115, 14015), (140, 14102), (142, 14117), (145, 14135), (150, 14159), (161, 14201), (170, 14243), (181, 14291),

Gene: JDog_12 Start: 11305, Stop: 12108, Start Num: 12

Candidate Starts for JDog_12:

(Start: 12 @11305 has 338 MA's), (18, 11326), (23, 11338), (27, 11350), (57, 11512), (69, 11581), (79, 11629), (92, 11701), (104, 11746), (108, 11770), (121, 11821), (140, 11875), (150, 11932), (160, 11971),

Gene: JacAttac_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for JacAttac_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Jackstina_14 Start: 13066, Stop: 13875, Start Num: 11

Candidate Starts for Jackstina_14:

(Start: 11 @13066 has 45 MA's), (32, 13129), (Start: 44 @13192 has 2 MA's), (60, 13288), (67, 13336), (69, 13342), (79, 13390), (92, 13462), (99, 13492), (102, 13495), (105, 13513), (119, 13573), (126, 13594), (142, 13660), (172, 13801), (173, 13804),

Gene: JaguarMi_14 Start: 13170, Stop: 13970, Start Num: 12

Candidate Starts for JaguarMi_14:

(Start: 12 @13170 has 338 MA's), (18, 13191), (23, 13203), (35, 13257), (Start: 44 @13302 has 2 MA's), (67, 13440), (79, 13494), (82, 13515), (86, 13536), (88, 13542), (115, 13671), (121, 13698), (142, 13773), (143, 13776), (150, 13815), (161, 13857), (170, 13899), (181, 13947),

Gene: JakeO_12 Start: 11305, Stop: 12108, Start Num: 12

Candidate Starts for JakeO_12:

(Start: 12 @11305 has 338 MA's), (18, 11326), (23, 11338), (27, 11350), (57, 11512), (69, 11581), (79, 11629), (92, 11701), (104, 11746), (108, 11770), (121, 11821), (140, 11875), (150, 11932), (160, 11971),

Gene: JangoPhett_13 Start: 11600, Stop: 12397, Start Num: 12

Candidate Starts for JangoPhett_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Jayden_29 Start: 15412, Stop: 16566, Start Num: 20

Candidate Starts for Jayden_29:

(Start: 20 @15412 has 43 MA's), (43, 15514), (Start: 44 @15523 has 2 MA's), (46, 15532), (Start: 58 @15595 has 1 MA's), (69, 15655), (74, 15682), (93, 15787), (106, 15868), (116, 15907), (118, 15916), (157, 16072), (167, 16126), (185, 16213), (190, 16252), (193, 16414), (194, 16516), (196, 16552), (197, 16558),

Gene: Jefe_28 Start: 15629, Stop: 16459, Start Num: 20

Candidate Starts for Jefe_28:

(Start: 20 @15629 has 43 MA's), (Start: 44 @15740 has 2 MA's), (Start: 58 @15812 has 1 MA's), (69, 15872), (94, 16022), (100, 16049), (104, 16073), (106, 16088), (116, 16127), (118, 16136), (120, 16148), (167, 16370), (180, 16424),

Gene: Jehoshaphat_28 Start: 16624, Stop: 17358, Start Num: 24

Candidate Starts for Jehoshaphat_28:

(Start: 19 @16615 has 1 MA's), (Start: 24 @16624 has 38 MA's), (37, 16684), (52, 16777), (70, 16876), (106, 17038), (118, 17086), (124, 17107), (147, 17206),

Gene: Jeon_10 Start: 12718, Stop: 13494, Start Num: 12

Candidate Starts for Jeon_10:

(Start: 12 @12718 has 338 MA's), (23, 12739), (25, 12742), (30, 12760), (36, 12793), (45, 12847), (47, 12853), (51, 12886), (79, 13033), (83, 13057), (84, 13063), (103, 13147), (124, 13231), (137, 13273), (159, 13378), (162, 13384), (173, 13444),

Gene: Jillium_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Jillium_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Jiminy_12 Start: 11157, Stop: 11954, Start Num: 12

Candidate Starts for Jiminy_12:

(Start: 12 @11157 has 338 MA's), (18, 11178), (23, 11190), (27, 11202), (57, 11364), (69, 11433), (79, 11481), (92, 11553), (104, 11598), (108, 11622), (121, 11673), (140, 11727), (150, 11784), (160, 11823),

Gene: Jiraiya_13 Start: 11305, Stop: 12108, Start Num: 12

Candidate Starts for Jiraiya_13:

(Start: 12 @11305 has 338 MA's), (18, 11326), (23, 11338), (27, 11350), (57, 11512), (69, 11581), (79, 11629), (92, 11701), (104, 11746), (108, 11770), (121, 11821), (140, 11875), (150, 11932), (160,

11971),

Gene: Jolie1_011 Start: 11815, Stop: 12582, Start Num: 12

Candidate Starts for Jolie1_011:

(Start: 12 @11815 has 338 MA's), (18, 11836), (82, 12151), (101, 12232), (105, 12253), (142, 12391), (145, 12409), (163, 12487), (170, 12517),

Gene: Jollipop_28 Start: 15974, Stop: 16804, Start Num: 20

Candidate Starts for Jollipop_28:

(Start: 20 @15974 has 43 MA's), (Start: 44 @16085 has 2 MA's), (Start: 58 @16157 has 1 MA's), (69, 16217), (94, 16367), (100, 16394), (104, 16418), (106, 16433), (116, 16472), (118, 16481), (120, 16493), (167, 16715), (180, 16769),

Gene: Jollymon_46 Start: 25052, Stop: 25819, Start Num: 12

Candidate Starts for Jollymon_46:

(Start: 12 @25052 has 338 MA's), (31, 25118), (39, 25154), (72, 25325), (73, 25328), (101, 25466), (103, 25478), (109, 25508), (116, 25532), (153, 25688), (155, 25694), (164, 25733), (172, 25772), (179, 25799),

Gene: Judebell_28 Start: 16165, Stop: 16899, Start Num: 24

Candidate Starts for Judebell_28:

(Start: 19 @16156 has 1 MA's), (Start: 24 @16165 has 38 MA's), (37, 16225), (70, 16417), (106, 16579), (118, 16627), (124, 16648), (147, 16747),

Gene: KLucky39_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for KLucky39_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Kahve_12 Start: 11312, Stop: 12115, Start Num: 12

Candidate Starts for Kahve_12:

(Start: 12 @11312 has 338 MA's), (18, 11333), (23, 11345), (27, 11357), (57, 11519), (69, 11588), (79, 11636), (92, 11708), (104, 11753), (108, 11777), (121, 11828), (140, 11882), (150, 11939), (160, 11978),

Gene: KaiHaiDragon_28 Start: 15568, Stop: 16398, Start Num: 20

Candidate Starts for KaiHaiDragon_28:

(Start: 20 @15568 has 43 MA's), (Start: 44 @15679 has 2 MA's), (Start: 58 @15751 has 1 MA's), (69, 15811), (94, 15961), (104, 16012), (106, 16027), (116, 16066), (118, 16075), (120, 16087), (167, 16309), (180, 16363),

Gene: Kailash_13 Start: 11611, Stop: 12408, Start Num: 12

Candidate Starts for Kailash_13:

(Start: 12 @11611 has 338 MA's), (18, 11632), (23, 11644), (27, 11656), (69, 11887), (79, 11935), (92, 12007), (104, 12052), (108, 12076), (121, 12127), (140, 12181), (150, 12238), (160, 12277),

Gene: Kaleb_16 Start: 14652, Stop: 15470, Start Num: 10

Candidate Starts for Kaleb_16:

(Start: 10 @14652 has 33 MA's), (Start: 44 @14796 has 2 MA's), (Start: 58 @14877 has 1 MA's), (66, 14931), (67, 14937), (80, 14997), (87, 15036), (94, 15075), (105, 15114), (131, 15210), (142, 15258), (150, 15300), (159, 15336), (173, 15402),

Gene: Kamiyu_15 Start: 13111, Stop: 13920, Start Num: 11

Candidate Starts for Kamiyu_15:

(Start: 11 @13111 has 45 MA's), (32, 13174), (Start: 44 @13237 has 2 MA's), (60, 13333), (67, 13381), (69, 13387), (79, 13435), (92, 13507), (99, 13537), (105, 13558), (119, 13618), (126, 13639), (142, 13705), (172, 13846), (173, 13849),

Gene: KarasumaRum_15 Start: 13490, Stop: 14296, Start Num: 12

Candidate Starts for KarasumaRum_15:

(Start: 12 @13490 has 338 MA's), (68, 13784), (84, 13865), (92, 13907), (106, 13970), (109, 13982), (127, 14042), (142, 14099), (150, 14141), (168, 14219), (181, 14273),

Gene: Katniss_13 Start: 11603, Stop: 12406, Start Num: 12

Candidate Starts for Katniss_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: KayaCho_11 Start: 11827, Stop: 12594, Start Num: 12

Candidate Starts for KayaCho_11:

(Start: 12 @11827 has 338 MA's), (18, 11848), (82, 12163), (101, 12244), (143, 12406), (161, 12487), (170, 12529),

Gene: Keitherie_13 Start: 11616, Stop: 12413, Start Num: 12

Candidate Starts for Keitherie_13:

(Start: 12 @11616 has 338 MA's), (18, 11637), (23, 11649), (27, 11661), (57, 11823), (69, 11892), (79, 11940), (92, 12012), (104, 12057), (108, 12081), (121, 12132), (140, 12186), (150, 12243), (160, 12282),

Gene: Kelcole_24 Start: 14867, Stop: 15604, Start Num: 24

Candidate Starts for Kelcole_24:

(Start: 19 @14858 has 1 MA's), (Start: 24 @14867 has 38 MA's), (55, 15038), (87, 15194), (116, 15317), (118, 15326), (123, 15344), (141, 15416), (151, 15470), (171, 15563),

Gene: Kheth_16 Start: 14535, Stop: 15353, Start Num: 10

Candidate Starts for Kheth_16:

(Start: 10 @14535 has 33 MA's), (Start: 44 @14679 has 2 MA's), (Start: 58 @14760 has 1 MA's), (66, 14814), (67, 14820), (80, 14880), (87, 14919), (94, 14958), (105, 14997), (131, 15093), (142, 15141), (150, 15183), (159, 15219), (173, 15285),

Gene: Kikipoo_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Kikipoo_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Kimbrough_13 Start: 11312, Stop: 12115, Start Num: 12

Candidate Starts for Kimbrough_13:

(Start: 12 @11312 has 338 MA's), (18, 11333), (23, 11345), (27, 11357), (57, 11519), (69, 11588), (79, 11636), (92, 11708), (104, 11753), (108, 11777), (121, 11828), (140, 11882), (150, 11939), (160, 11978),

Gene: KingTut_12 Start: 11310, Stop: 12113, Start Num: 12

Candidate Starts for KingTut_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: KingVeVeVe_13 Start: 11603, Stop: 12406, Start Num: 12

Candidate Starts for KingVeVeVe_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: KingstonB_46 Start: 24560, Stop: 25327, Start Num: 12

Candidate Starts for KingstonB_46:

(Start: 12 @24560 has 338 MA's), (31, 24626), (39, 24662), (72, 24833), (73, 24836), (103, 24986), (116, 25040), (153, 25196), (155, 25202), (172, 25280), (179, 25307),

Gene: KlimbOn_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for KlimbOn_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Kloppinator_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for Kloppinator_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Knocker_18 Start: 15870, Stop: 16694, Start Num: 12

Candidate Starts for Knocker_18:

(Start: 12 @15870 has 338 MA's), (23, 15894), (31, 15927), (41, 15972), (49, 16029), (54, 16059), (57, 16068), (67, 16155), (69, 16161), (84, 16239), (96, 16302), (114, 16377), (129, 16425), (138, 16452), (150, 16527), (163, 16581), (170, 16611),

Gene: Kowalski_27 Start: 15684, Stop: 16514, Start Num: 20

Candidate Starts for Kowalski_27:

(Start: 20 @15684 has 43 MA's), (Start: 44 @15795 has 2 MA's), (Start: 58 @15867 has 1 MA's), (69, 15927), (94, 16077), (100, 16104), (104, 16128), (106, 16143), (116, 16182), (118, 16191), (120, 16203), (167, 16425), (180, 16479),

Gene: Kozie_24 Start: 15166, Stop: 16341, Start Num: 22

Candidate Starts for Kozie_24:

(Start: 22 @15166 has 1 MA's), (26, 15172), (Start: 38 @15235 has 6 MA's), (57, 15346), (93, 15550), (97, 15589), (141, 15766), (152, 15817), (173, 15919), (186, 15982), (191, 16144), (192, 16174), (195, 16291),

Gene: Kronus_14 Start: 13723, Stop: 14532, Start Num: 11

Candidate Starts for Kronus_14:

(Start: 11 @13723 has 45 MA's), (32, 13786), (Start: 44 @13849 has 2 MA's), (60, 13945), (67, 13993), (69, 13999), (79, 14047), (92, 14119), (99, 14149), (105, 14170), (119, 14230), (126, 14251), (142, 14317), (172, 14458), (173, 14461),

Gene: Kwadwo_12 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for Kwadwo_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Kwksand96_12 Start: 11155, Stop: 11958, Start Num: 12

Candidate Starts for Kwksand96_12:

(Start: 12 @11155 has 338 MA's), (18, 11176), (23, 11188), (27, 11200), (57, 11362), (69, 11431), (79, 11479), (92, 11551), (104, 11596), (108, 11620), (121, 11671), (140, 11725), (150, 11782), (160, 11821),

Gene: Kyva_28 Start: 16416, Stop: 17150, Start Num: 24

Candidate Starts for Kyva_28:

(Start: 19 @16407 has 1 MA's), (Start: 24 @16416 has 38 MA's), (37, 16476), (70, 16668), (106, 16830), (112, 16857), (118, 16878), (124, 16899), (134, 16926), (135, 16929), (141, 16965), (147, 16998), (154, 17025),

Gene: Labeouficaum_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for Labeouficaum_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Lambano_12 Start: 12252, Stop: 13046, Start Num: 12

Candidate Starts for Lambano_12:

(Start: 12 @12252 has 338 MA's), (18, 12273), (21, 12282), (35, 12339), (Start: 44 @12384 has 2 MA's), (67, 12522), (79, 12576), (82, 12597), (86, 12618), (88, 12624), (105, 12711), (115, 12753), (142, 12849), (145, 12867), (150, 12891), (161, 12933), (170, 12975), (181, 13023),

Gene: Lars_16 Start: 14652, Stop: 15470, Start Num: 10

Candidate Starts for Lars_16:

(Start: 10 @14652 has 33 MA's), (Start: 44 @14796 has 2 MA's), (Start: 58 @14877 has 1 MA's), (66, 14931), (67, 14937), (80, 14997), (87, 15036), (94, 15075), (105, 15114), (131, 15210), (142, 15258), (150, 15300), (159, 15336), (173, 15402),

Gene: LasagnaCat_13 Start: 11611, Stop: 12408, Start Num: 12

Candidate Starts for LasagnaCat_13:

(Start: 12 @11611 has 338 MA's), (18, 11632), (23, 11644), (27, 11656), (57, 11818), (69, 11887), (79, 11935), (92, 12007), (104, 12052), (108, 12076), (121, 12127), (140, 12181), (150, 12238), (160, 12277),

Gene: Lasso_13 Start: 11593, Stop: 12396, Start Num: 12

Candidate Starts for Lasso_13:

(Start: 12 @11593 has 338 MA's), (18, 11614), (23, 11626), (27, 11638), (57, 11800), (69, 11869), (79, 11917), (92, 11989), (104, 12034), (108, 12058), (121, 12109), (140, 12163), (150, 12220), (160, 12259),

Gene: Laurie_16 Start: 14530, Stop: 15348, Start Num: 10

Candidate Starts for Laurie_16:

(Start: 10 @14530 has 33 MA's), (Start: 44 @14674 has 2 MA's), (45, 14680), (66, 14809), (67, 14815), (80, 14875), (87, 14914), (94, 14953), (105, 14992), (131, 15088), (142, 15136), (150, 15178), (159, 15214), (173, 15280),

Gene: Leaf_62 Start: 32410, Stop: 33225, Start Num: 20

Candidate Starts for Leaf_62:

(Start: 20 @32410 has 43 MA's), (Start: 38 @32482 has 6 MA's), (Start: 44 @32524 has 2 MA's), (61, 32614), (62, 32623), (98, 32800), (120, 32899), (142, 32977), (154, 33028),

Gene: LeeLot_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for LeeLot_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Lego3393_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for Lego3393_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Legolas_12 Start: 11307, Stop: 12110, Start Num: 12

Candidate Starts for Legolas_12:

(Start: 12 @11307 has 338 MA's), (18, 11328), (23, 11340), (27, 11352), (57, 11514), (69, 11583), (79, 11631), (92, 11703), (104, 11748), (108, 11772), (121, 11823), (140, 11877), (150, 11934), (160, 11973),

Gene: LeiMonet_13 Start: 11305, Stop: 12108, Start Num: 12

Candidate Starts for LeiMonet_13:

(Start: 12 @11305 has 338 MA's), (18, 11326), (23, 11338), (27, 11350), (57, 11512), (69, 11581), (79, 11629), (92, 11701), (104, 11746), (108, 11770), (121, 11821), (140, 11875), (150, 11932), (160, 11971),

Gene: LemonSlice_13 Start: 11313, Stop: 12116, Start Num: 12

Candidate Starts for LemonSlice_13:

(Start: 12 @11313 has 338 MA's), (18, 11334), (23, 11346), (27, 11358), (57, 11520), (69, 11589), (79, 11637), (92, 11709), (104, 11754), (108, 11778), (121, 11829), (140, 11883), (150, 11940), (160, 11979),

Gene: Lephleur_16 Start: 14532, Stop: 15350, Start Num: 10

Candidate Starts for Lephleur_16:

(Start: 10 @14532 has 33 MA's), (Start: 44 @14676 has 2 MA's), (Start: 58 @14757 has 1 MA's), (66, 14811), (67, 14817), (80, 14877), (87, 14916), (94, 14955), (105, 14994), (131, 15090), (142, 15138), (150, 15180), (159, 15216), (173, 15282),

Gene: LestyG_15 Start: 13144, Stop: 13953, Start Num: 11

Candidate Starts for LestyG_15:

(Start: 11 @13144 has 45 MA's), (32, 13207), (Start: 44 @13270 has 2 MA's), (60, 13366), (67, 13414), (69, 13420), (79, 13468), (92, 13540), (99, 13570), (102, 13573), (105, 13591), (119, 13651), (126, 13672), (142, 13738), (172, 13879), (173, 13882),

Gene: Ligma_12 Start: 11636, Stop: 12418, Start Num: 12

Candidate Starts for Ligma_12:

(Start: 12 @11636 has 338 MA's), (17, 11648), (36, 11726), (150, 12272), (153, 12287), (159, 12308), (168, 12350), (170, 12356), (178, 12395),

Gene: LilMcDreamy_14 Start: 14087, Stop: 14896, Start Num: 12

Candidate Starts for LilMcDreamy_14:

(Start: 12 @14087 has 338 MA's), (41, 14222), (Start: 44 @14240 has 2 MA's), (79, 14441), (82, 14462), (84, 14471), (88, 14489), (92, 14513), (142, 14705), (161, 14789), (170, 14831), (176, 14867),

Gene: LittleFortune_29 Start: 15934, Stop: 16764, Start Num: 20

Candidate Starts for LittleFortune_29:

(Start: 20 @15934 has 43 MA's), (Start: 44 @16045 has 2 MA's), (Start: 58 @16117 has 1 MA's), (69, 16177), (94, 16327), (100, 16354), (104, 16378), (106, 16393), (116, 16432), (118, 16441), (120, 16453), (157, 16621), (167, 16675), (180, 16729),

Gene: LittleMunchkin_13 Start: 12925, Stop: 13710, Start Num: 12

Candidate Starts for LittleMunchkin_13:

(Start: 12 @12925 has 338 MA's), (36, 13018), (40, 13042), (80, 13261), (90, 13315), (105, 13378), (118, 13432), (145, 13540), (153, 13579), (163, 13618), (173, 13666),

Gene: LizLemon_16 Start: 14652, Stop: 15470, Start Num: 10

Candidate Starts for LizLemon_16:

(Start: 10 @14652 has 33 MA's), (Start: 44 @14796 has 2 MA's), (45, 14802), (66, 14931), (67, 14937), (80, 14997), (87, 15036), (94, 15075), (105, 15114), (131, 15210), (142, 15258), (150, 15300), (159, 15336), (173, 15402),

Gene: Llemily_26 Start: 15400, Stop: 16134, Start Num: 24

Candidate Starts for Llemily_26:

(Start: 19 @15391 has 1 MA's), (Start: 24 @15400 has 38 MA's), (37, 15460), (52, 15553), (70, 15652), (106, 15814), (118, 15862), (124, 15883), (147, 15982),

Gene: Lolalove_13 Start: 13343, Stop: 14137, Start Num: 12

Candidate Starts for Lolalove_13:

(Start: 12 @13343 has 338 MA's), (18, 13364), (23, 13376), (Start: 44 @13475 has 2 MA's), (67, 13613), (79, 13667), (82, 13688), (86, 13709), (88, 13715), (92, 13739), (105, 13802), (115, 13844), (142, 13940), (150, 13982), (161, 14024), (170, 14066), (181, 14114),

Gene: Lonelysoil_25 Start: 15645, Stop: 16379, Start Num: 24

Candidate Starts for Lonelysoil_25:

(Start: 19 @15636 has 1 MA's), (Start: 24 @15645 has 38 MA's), (37, 15705), (52, 15798), (70, 15897), (106, 16059), (118, 16107), (124, 16128), (147, 16227),

Gene: Longacauda_12 Start: 11305, Stop: 12102, Start Num: 12

Candidate Starts for Longacauda_12:

(Start: 12 @11305 has 338 MA's), (18, 11326), (23, 11338), (27, 11350), (69, 11581), (79, 11629), (92, 11701), (104, 11746), (108, 11770), (121, 11821), (140, 11875), (150, 11932), (160, 11971),

Gene: Lopsy_12 Start: 11149, Stop: 11952, Start Num: 12

Candidate Starts for Lopsy_12:

(Start: 12 @11149 has 338 MA's), (18, 11170), (23, 11182), (27, 11194), (57, 11356), (69, 11425), (79, 11473), (92, 11545), (104, 11590), (108, 11614), (121, 11665), (140, 11719), (150, 11776), (160, 11815),

Gene: LostAndPhound_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for LostAndPhound_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: LuckyMarjie_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for LuckyMarjie_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Lulumae_12 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for Lulumae_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Lulwa_13 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Lulwa_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Lumine_12 Start: 11297, Stop: 12094, Start Num: 12

Candidate Starts for Lumine_12:

(Start: 12 @11297 has 338 MA's), (18, 11318), (23, 11330), (27, 11342), (69, 11573), (79, 11621), (92, 11693), (104, 11738), (108, 11762), (121, 11813), (140, 11867), (150, 11924), (160, 11963),

Gene: MRabcd_12 Start: 11306, Stop: 12109, Start Num: 12

Candidate Starts for MRabcd_12:

(Start: 12 @11306 has 338 MA's), (18, 11327), (23, 11339), (27, 11351), (57, 11513), (69, 11582), (79, 11630), (92, 11702), (104, 11747), (108, 11771), (121, 11822), (140, 11876), (150, 11933), (160, 11972),

Gene: Mag7_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for Mag7_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Magic8_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for Magic8_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Magpie_13 Start: 13501, Stop: 14295, Start Num: 12

Candidate Starts for Magpie_13:

(Start: 12 @13501 has 338 MA's), (18, 13522), (Start: 44 @13633 has 2 MA's), (67, 13771), (79, 13825), (82, 13846), (86, 13867), (88, 13873), (105, 13960), (115, 14002), (142, 14098), (143, 14101), (150, 14140), (161, 14182), (170, 14224), (181, 14272),

Gene: MakoManhole_14 Start: 13114, Stop: 13887, Start Num: 12

Candidate Starts for MakoManhole_14:

(Start: 12 @13114 has 338 MA's), (Start: 44 @13246 has 2 MA's), (88, 13477), (103, 13543), (105, 13552), (142, 13696), (170, 13822), (172, 13837),

Gene: Mana_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Mana_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Manad_12 Start: 11153, Stop: 11956, Start Num: 12

Candidate Starts for Manad_12:

(Start: 12 @11153 has 338 MA's), (18, 11174), (23, 11186), (27, 11198), (57, 11360), (69, 11429), (79, 11477), (92, 11549), (104, 11594), (108, 11618), (121, 11669), (140, 11723), (150, 11780), (160, 11819),

Gene: Mao1_10 Start: 10771, Stop: 11619, Start Num: 12

Candidate Starts for Mao1_10:

(Start: 12 @10771 has 338 MA's), (Start: 19 @10786 has 1 MA's), (Start: 44 @10897 has 2 MA's), (47, 10909), (51, 10942), (69, 11044), (79, 11092), (88, 11140), (92, 11164), (103, 11206), (108, 11233), (129, 11308), (133, 11314), (140, 11344), (142, 11359), (145, 11377), (161, 11443), (163, 11455), (168, 11479), (172, 11500), (181, 11533),

Gene: Marcie_30 Start: 15548, Stop: 16285, Start Num: 24

Candidate Starts for Marcie_30:

(Start: 19 @15539 has 1 MA's), (Start: 24 @15548 has 38 MA's), (55, 15719), (87, 15875), (116, 15998), (118, 16007), (123, 16025), (141, 16097), (169, 16235), (171, 16244),

Gene: Margaery_23 Start: 15201, Stop: 15968, Start Num: 38

Candidate Starts for Margaery_23:

(1, 14967), (2, 14985), (3, 15018), (Start: 22 @15132 has 1 MA's), (Start: 38 @15201 has 6 MA's), (77, 15423), (93, 15516), (97, 15555), (116, 15639), (118, 15648), (141, 15732), (150, 15768), (152, 15783), (173, 15885), (182, 15930), (189, 15957),

Gene: Mariokart_12 Start: 11678, Stop: 12469, Start Num: 12

Candidate Starts for Mariokart_12:

(Start: 12 @11678 has 338 MA's), (23, 11714), (36, 11768), (47, 11834), (71, 11972), (105, 12128), (142, 12272), (159, 12350), (172, 12413),

Gene: Marley1013_15 Start: 13924, Stop: 14733, Start Num: 11

Candidate Starts for Marley1013_15:

(Start: 11 @13924 has 45 MA's), (32, 13987), (Start: 44 @14050 has 2 MA's), (60, 14146), (67, 14194), (69, 14200), (79, 14248), (92, 14320), (99, 14350), (105, 14371), (119, 14431), (126, 14452), (142, 14518), (172, 14659), (173, 14662),

Gene: Maru_12 Start: 11307, Stop: 12110, Start Num: 12

Candidate Starts for Maru_12:

(Start: 12 @11307 has 338 MA's), (18, 11328), (23, 11340), (27, 11352), (57, 11514), (69, 11583), (79, 11631), (92, 11703), (104, 11748), (108, 11772), (121, 11823), (140, 11877), (150, 11934), (160, 11973),

Gene: Mashley_24 Start: 15979, Stop: 16713, Start Num: 24

Candidate Starts for Mashley_24:

(Start: 19 @15970 has 1 MA's), (Start: 24 @15979 has 38 MA's), (37, 16039), (70, 16231), (106, 16393), (112, 16420), (118, 16441), (124, 16462), (134, 16489), (135, 16492), (141, 16528), (147, 16561), (154, 16588),

Gene: Mask_11 Start: 10772, Stop: 11620, Start Num: 12

Candidate Starts for Mask_11:

(Start: 12 @10772 has 338 MA's), (Start: 19 @10787 has 1 MA's), (Start: 44 @10898 has 2 MA's), (47, 10910), (51, 10943), (69, 11045), (79, 11093), (88, 11141), (92, 11165), (103, 11207), (108, 11234), (129, 11309), (133, 11315), (140, 11345), (142, 11360), (145, 11378), (161, 11444), (163, 11456), (168, 11480), (172, 11501), (181, 11534),

Gene: Maskar_12 Start: 11149, Stop: 11946, Start Num: 12

Candidate Starts for Maskar_12:

(Start: 12 @11149 has 338 MA's), (18, 11170), (23, 11182), (27, 11194), (69, 11425), (79, 11473), (92, 11545), (104, 11590), (108, 11614), (121, 11665), (140, 11719), (150, 11776), (160, 11815),

Gene: MasterPo_16 Start: 14532, Stop: 15350, Start Num: 10

Candidate Starts for MasterPo_16:

(Start: 10 @14532 has 33 MA's), (Start: 44 @14676 has 2 MA's), (Start: 58 @14757 has 1 MA's), (66, 14811), (67, 14817), (80, 14877), (87, 14916), (94, 14955), (105, 14994), (131, 15090), (142, 15138), (150, 15180), (159, 15216), (173, 15282),

Gene: Matalotodo_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for Matalotodo_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Matzah_24 Start: 15224, Stop: 15985, Start Num: 38

Candidate Starts for Matzah_24:

(Start: 22 @15155 has 1 MA's), (Start: 38 @15224 has 6 MA's), (63, 15377), (93, 15539), (106, 15623), (116, 15662), (118, 15671), (141, 15755), (142, 15758), (150, 15791), (152, 15806), (158, 15830), (166, 15878), (173, 15908), (175, 15917), (182, 15953),

Gene: Mcshane_12 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for Mcshane_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Mecca_12 Start: 11306, Stop: 12103, Start Num: 12

Candidate Starts for Mecca_12:

(Start: 12 @11306 has 338 MA's), (18, 11327), (23, 11339), (27, 11351), (57, 11513), (69, 11582), (79, 11630), (92, 11702), (104, 11747), (108, 11771), (121, 11822), (140, 11876), (150, 11933), (160, 11972),

Gene: Megabear_10 Start: 12673, Stop: 13449, Start Num: 12

Candidate Starts for Megabear_10:

(Start: 12 @12673 has 338 MA's), (23, 12694), (25, 12697), (30, 12715), (36, 12748), (45, 12802), (47, 12808), (51, 12841), (79, 12988), (83, 13012), (84, 13018), (103, 13102), (124, 13186), (137, 13228), (159, 13333), (162, 13339), (173, 13399),

Gene: Megamind20_13 Start: 11310, Stop: 12113, Start Num: 12

Candidate Starts for Megamind20_13:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Megan_22 Start: 16905, Stop: 17714, Start Num: 20

Candidate Starts for Megan_22:

(Start: 20 @16905 has 43 MA's), (43, 17007), (57, 17085), (Start: 58 @17088 has 1 MA's), (69, 17148), (97, 17322), (106, 17364), (116, 17403), (118, 17412), (142, 17499), (167, 17622),

Gene: Megatron_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Megatron_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Melc17_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for Melc17_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: MelsMeow_12 Start: 11155, Stop: 11952, Start Num: 12

Candidate Starts for MelsMeow_12:

(Start: 12 @11155 has 338 MA's), (18, 11176), (23, 11188), (27, 11200), (69, 11431), (79, 11479), (92, 11551), (104, 11596), (108, 11620), (121, 11671), (140, 11725), (150, 11782), (160, 11821),

Gene: MementoMori_24 Start: 14946, Stop: 15707, Start Num: 38

Candidate Starts for MementoMori_24:

(Start: 22 @14877 has 1 MA's), (Start: 38 @14946 has 6 MA's), (63, 15099), (93, 15261), (97, 15300), (106, 15345), (116, 15384), (118, 15393), (141, 15477), (142, 15480), (150, 15513), (152, 15528), (158, 15552), (166, 15600), (173, 15630), (175, 15639), (182, 15675), (188, 15696),

Gene: Merry_28 Start: 15926, Stop: 16729, Start Num: 20

Candidate Starts for Merry_28:

(Start: 20 @15926 has 43 MA's), (43, 16028), (Start: 44 @16037 has 2 MA's), (46, 16046), (73, 16193), (97, 16340), (110, 16403), (116, 16424), (118, 16433), (157, 16589), (167, 16643), (180, 16697),

Gene: Mesh1_13 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Mesh1_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Metamorphoo_28 Start: 15526, Stop: 16338, Start Num: 20

Candidate Starts for Metamorphoo_28:

(Start: 20 @15526 has 43 MA's), (43, 15628), (Start: 44 @15637 has 2 MA's), (46, 15646), (57, 15706), (Start: 58 @15709 has 1 MA's), (69, 15769), (93, 15904), (97, 15943), (116, 16027), (118, 16036), (157, 16192), (167, 16246), (180, 16300), (184, 16327),

Gene: MichaelPhcott_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for MichaelPhcott_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Mikota_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for Mikota_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: MiniBoss_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for MiniBoss_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: MitKao_13 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for MitKao_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Mithril_13 Start: 13346, Stop: 14140, Start Num: 12

Candidate Starts for Mithril_13:

(Start: 12 @13346 has 338 MA's), (18, 13367), (23, 13379), (Start: 44 @13478 has 2 MA's), (67, 13616), (79, 13670), (82, 13691), (86, 13712), (88, 13718), (92, 13742), (105, 13805), (115, 13847), (142, 13943), (150, 13985), (161, 14027), (170, 14069), (181, 14117),

Gene: MmasiCarm_15 Start: 13137, Stop: 13946, Start Num: 11

Candidate Starts for MmasiCarm_15:

(Start: 11 @13137 has 45 MA's), (32, 13200), (Start: 44 @13263 has 2 MA's), (60, 13359), (67, 13407), (69, 13413), (79, 13461), (92, 13533), (99, 13563), (105, 13584), (119, 13644), (126, 13665), (142, 13731), (172, 13872), (173, 13875),

Gene: Morgushi_13 Start: 11307, Stop: 12110, Start Num: 12

Candidate Starts for Morgushi_13:

(Start: 12 @11307 has 338 MA's), (18, 11328), (23, 11340), (27, 11352), (57, 11514), (69, 11583), (79, 11631), (92, 11703), (104, 11748), (108, 11772), (121, 11823), (140, 11877), (150, 11934), (160, 11973),

Gene: MorillMayhem_25 Start: 15978, Stop: 16712, Start Num: 24

Candidate Starts for MorillMayhem_25:

(Start: 19 @15969 has 1 MA's), (Start: 24 @15978 has 38 MA's), (37, 16038), (70, 16230), (106, 16392), (112, 16419), (118, 16440), (123, 16458), (124, 16461), (134, 16488), (135, 16491), (141, 16527), (147, 16560),

Gene: Mortcellus_14 Start: 13778, Stop: 14587, Start Num: 11

Candidate Starts for Mortcellus_14:

(Start: 11 @13778 has 45 MA's), (32, 13841), (Start: 44 @13904 has 2 MA's), (60, 14000), (67, 14048), (69, 14054), (79, 14102), (92, 14174), (99, 14204), (105, 14225), (119, 14285), (126, 14306), (142, 14372), (172, 14513), (173, 14516),

Gene: Morty_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Morty_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Morty007_15 Start: 13924, Stop: 14733, Start Num: 11

Candidate Starts for Morty007_15:

(Start: 11 @13924 has 45 MA's), (32, 13987), (Start: 44 @14050 has 2 MA's), (60, 14146), (67, 14194), (69, 14200), (79, 14248), (92, 14320), (99, 14350), (105, 14371), (119, 14431), (126, 14452), (142, 14518), (172, 14659), (173, 14662),

Gene: Mosaic_12 Start: 11310, Stop: 12113, Start Num: 12

Candidate Starts for Mosaic_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: MossRose_14 Start: 13114, Stop: 13887, Start Num: 12

Candidate Starts for MossRose_14:

(Start: 12 @13114 has 338 MA's), (Start: 44 @13246 has 2 MA's), (88, 13477), (103, 13543), (105, 13552), (142, 13696), (170, 13822), (172, 13837),

Gene: MrPhizzler_12 Start: 11302, Stop: 12105, Start Num: 12

Candidate Starts for MrPhizzler_12:

(Start: 12 @11302 has 338 MA's), (18, 11323), (23, 11335), (27, 11347), (57, 11509), (69, 11578), (79, 11626), (92, 11698), (104, 11743), (108, 11767), (121, 11818), (140, 11872), (150, 11929), (160, 11968),

Gene: Mudslide_13 Start: 13594, Stop: 14388, Start Num: 12

Candidate Starts for Mudslide_13:

(Start: 12 @13594 has 338 MA's), (18, 13615), (23, 13627), (Start: 44 @13726 has 2 MA's), (67, 13864), (79, 13918), (82, 13939), (86, 13960), (88, 13966), (92, 13990), (105, 14053), (115, 14095), (142, 14191), (143, 14194), (150, 14233), (161, 14275), (170, 14317), (181, 14365),

Gene: Mulan_12 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for Mulan_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Murdoc_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Murdoc_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Mutante_12 Start: 11306, Stop: 12109, Start Num: 12

Candidate Starts for Mutante_12:

(Start: 12 @11306 has 338 MA's), (18, 11327), (23, 11339), (27, 11351), (57, 11513), (69, 11582), (79, 11630), (92, 11702), (104, 11747), (108, 11771), (121, 11822), (140, 11876), (150, 11933), (160, 11972),

Gene: Mysterious_14 Start: 13592, Stop: 14398, Start Num: 12

Candidate Starts for Mysterious_14:

(Start: 12 @13592 has 338 MA's), (18, 13604), (Start: 38 @13682 has 6 MA's), (68, 13886), (69, 13889), (79, 13937), (82, 13958), (92, 14009), (106, 14072), (127, 14144), (142, 14201), (168, 14321),

Gene: NHagos_12 Start: 11599, Stop: 12372, Start Num: 12

Candidate Starts for NHagos_12:

(Start: 12 @11599 has 338 MA's), (23, 11629), (37, 11686), (Start: 44 @11731 has 2 MA's), (52, 11785), (105, 12037), (142, 12181), (168, 12301), (173, 12325),

Gene: Nacho_0013 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Nacho_0013:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Namago_26 Start: 15546, Stop: 16280, Start Num: 24

Candidate Starts for Namago_26:

(Start: 19 @15537 has 1 MA's), (Start: 24 @15546 has 38 MA's), (37, 15606), (70, 15798), (106, 15960), (112, 15987), (118, 16008), (124, 16029), (134, 16056), (135, 16059), (141, 16095), (147, 16128), (154, 16155),

Gene: Nanao_12 Start: 12252, Stop: 13046, Start Num: 12

Candidate Starts for Nanao_12:

(Start: 12 @12252 has 338 MA's), (18, 12273), (21, 12282), (35, 12339), (Start: 44 @12384 has 2 MA's), (67, 12522), (79, 12576), (82, 12597), (86, 12618), (88, 12624), (105, 12711), (115, 12753), (142, 12849), (145, 12867), (150, 12891), (161, 12933), (170, 12975), (181, 13023),

Gene: Nangang_14 Start: 13334, Stop: 14140, Start Num: 12

Candidate Starts for Nangang_14:

(Start: 12 @13334 has 338 MA's), (Start: 38 @13424 has 6 MA's), (68, 13628), (84, 13709), (92, 13751), (106, 13814), (109, 13826), (127, 13886), (142, 13943), (150, 13985), (168, 14063), (181, 14117),

Gene: Nehemiah_13 Start: 13592, Stop: 14398, Start Num: 12

Candidate Starts for Nehemiah_13:

(Start: 12 @13592 has 338 MA's), (18, 13604), (Start: 38 @13682 has 6 MA's), (68, 13886), (69, 13889), (79, 13937), (82, 13958), (92, 14009), (106, 14072), (127, 14144), (142, 14201), (168, 14321),

Gene: Neos5_15 Start: 13930, Stop: 14739, Start Num: 11

Candidate Starts for Neos5_15:

(Start: 11 @13930 has 45 MA's), (32, 13993), (Start: 44 @14056 has 2 MA's), (60, 14152), (67, 14200), (69, 14206), (79, 14254), (92, 14326), (99, 14356), (105, 14377), (119, 14437), (126, 14458), (142, 14524), (172, 14665), (173, 14668),

Gene: Newman_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Newman_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Nicole21_13 Start: 11600, Stop: 12397, Start Num: 12

Candidate Starts for Nicole21_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Nicole72_23 Start: 17288, Stop: 18094, Start Num: 20

Candidate Starts for Nicole72_23:

(Start: 20 @17288 has 43 MA's), (49, 17432), (Start: 58 @17471 has 1 MA's), (68, 17528), (73, 17555), (93, 17663), (106, 17747), (116, 17786), (118, 17795), (150, 17915), (152, 17930), (157, 17951), (180, 18059),

Gene: Nigel_11 Start: 12164, Stop: 12961, Start Num: 12

Candidate Starts for Nigel_11:

(Start: 12 @12164 has 338 MA's), (18, 12182), (21, 12191), (35, 12248), (Start: 44 @12293 has 2 MA's), (67, 12431), (79, 12485), (82, 12506), (86, 12527), (88, 12533), (115, 12662), (140, 12749), (142, 12764), (145, 12782), (150, 12806), (161, 12848), (170, 12890), (181, 12938),

Gene: Nike_26 Start: 16444, Stop: 17178, Start Num: 24

Candidate Starts for Nike_26:

(Start: 19 @16435 has 1 MA's), (Start: 24 @16444 has 38 MA's), (37, 16504), (52, 16597), (70, 16696), (106, 16858), (118, 16906), (124, 16927), (147, 17026), (154, 17053),

Gene: NoodlelyBoi_28 Start: 16131, Stop: 16853, Start Num: 44

Candidate Starts for NoodlelyBoi_28:

(Start: 20 @16020 has 43 MA's), (Start: 44 @16131 has 2 MA's), (Start: 58 @16203 has 1 MA's), (74, 16290), (94, 16416), (100, 16443), (104, 16467), (106, 16482), (118, 16530), (120, 16542), (152, 16689), (157, 16710), (167, 16764), (180, 16818),

Gene: Nozo_15 Start: 13905, Stop: 14714, Start Num: 11

Candidate Starts for Nozo_15:

(Start: 11 @13905 has 45 MA's), (32, 13968), (Start: 44 @14031 has 2 MA's), (60, 14127), (67, 14175), (69, 14181), (79, 14229), (92, 14301), (99, 14331), (105, 14352), (119, 14412), (126, 14433), (142, 14499), (172, 14640), (173, 14643),

Gene: Numberten_13 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Numberten_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Nyala_12 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for Nyala_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: OSmaximus_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for OSmaximus_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Obutu_15 Start: 13135, Stop: 13944, Start Num: 11

Candidate Starts for Obutu_15:

(Start: 11 @13135 has 45 MA's), (32, 13198), (Start: 44 @13261 has 2 MA's), (60, 13357), (67, 13405), (69, 13411), (79, 13459), (92, 13531), (99, 13561), (105, 13582), (119, 13642), (126, 13663), (142, 13729), (172, 13870), (173, 13873),

Gene: Olak_12 Start: 11307, Stop: 12104, Start Num: 12

Candidate Starts for Olak_12:

(Start: 12 @11307 has 338 MA's), (18, 11328), (23, 11340), (27, 11352), (57, 11514), (69, 11583), (79, 11631), (92, 11703), (104, 11748), (108, 11772), (121, 11823), (140, 11877), (150, 11934), (160, 11973),

Gene: Oline_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for Oline_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (57, 11368), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Olive_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Olive_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: OliverWalter_13 Start: 11598, Stop: 12401, Start Num: 12

Candidate Starts for OliverWalter_13:

(Start: 12 @11598 has 338 MA's), (18, 11619), (23, 11631), (27, 11643), (57, 11805), (69, 11874), (79, 11922), (92, 11994), (104, 12039), (108, 12063), (121, 12114), (140, 12168), (150, 12225), (160, 12264),

Gene: Omniscient_13 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Omniscient_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: OneinaGillian_25 Start: 14517, Stop: 15254, Start Num: 24

Candidate Starts for OneinaGillian_25:

(13, 14478), (Start: 19 @14508 has 1 MA's), (Start: 24 @14517 has 38 MA's), (55, 14688), (87, 14844), (116, 14967), (118, 14976), (123, 14994), (141, 15066), (151, 15120), (169, 15204), (171, 15213),

Gene: Onika_27 Start: 15658, Stop: 16488, Start Num: 20

Candidate Starts for Onika_27:

(Start: 20 @15658 has 43 MA's), (Start: 44 @15769 has 2 MA's), (Start: 58 @15841 has 1 MA's), (69, 15901), (94, 16051), (100, 16078), (104, 16102), (106, 16117), (116, 16156), (118, 16165), (120, 16177), (167, 16399), (180, 16453),

Gene: Oosterbaan_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for Oosterbaan_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Opia_16 Start: 14532, Stop: 15350, Start Num: 10

Candidate Starts for Opia_16:

(Start: 10 @14532 has 33 MA's), (Start: 44 @14676 has 2 MA's), (Start: 58 @14757 has 1 MA's), (66, 14811), (67, 14817), (80, 14877), (87, 14916), (94, 14955), (105, 14994), (131, 15090), (142, 15138), (150, 15180), (159, 15216), (173, 15282),

Gene: OrangeOswald_15 Start: 13140, Stop: 13949, Start Num: 11

Candidate Starts for OrangeOswald_15:

(Start: 11 @13140 has 45 MA's), (32, 13203), (Start: 44 @13266 has 2 MA's), (60, 13362), (67, 13410), (69, 13416), (79, 13464), (92, 13536), (99, 13566), (105, 13587), (119, 13647), (126, 13668), (142, 13734), (172, 13875), (173, 13878),

Gene: Orfeu_12 Start: 11308, Stop: 12105, Start Num: 12

Candidate Starts for Orfeu_12:

(Start: 12 @11308 has 338 MA's), (18, 11329), (23, 11341), (27, 11353), (69, 11584), (79, 11632), (92, 11704), (104, 11749), (108, 11773), (121, 11824), (140, 11878), (150, 11935), (160, 11974),

Gene: Orion_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for Orion_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Orwigg_13 Start: 11313, Stop: 12110, Start Num: 12

Candidate Starts for Orwigg_13:

(Start: 12 @11313 has 338 MA's), (18, 11334), (23, 11346), (27, 11358), (57, 11520), (69, 11589), (79, 11637), (92, 11709), (104, 11754), (108, 11778), (121, 11829), (140, 11883), (150, 11940), (160, 11979),

Gene: PG1_13 Start: 11603, Stop: 12406, Start Num: 12

Candidate Starts for PG1_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: PR_10 Start: 12685, Stop: 13461, Start Num: 12

Candidate Starts for PR_10:

(Start: 12 @12685 has 338 MA's), (23, 12706), (25, 12709), (30, 12727), (36, 12760), (45, 12814), (47, 12820), (51, 12853), (79, 13000), (83, 13024), (84, 13030), (103, 13114), (124, 13198), (137, 13240), (159, 13345), (162, 13351), (173, 13411),

Gene: Pacifista_12 Start: 11306, Stop: 12103, Start Num: 12

Candidate Starts for Pacifista_12:

(Start: 12 @11306 has 338 MA's), (18, 11327), (23, 11339), (27, 11351), (57, 11513), (69, 11582), (79, 11630), (92, 11702), (104, 11747), (108, 11771), (121, 11822), (140, 11876), (150, 11933), (160, 11972),

Gene: Paschalis_27 Start: 15672, Stop: 16502, Start Num: 20

Candidate Starts for Paschalis_27:

(Start: 20 @15672 has 43 MA's), (Start: 44 @15783 has 2 MA's), (Start: 58 @15855 has 1 MA's), (69, 15915), (94, 16065), (100, 16092), (104, 16116), (106, 16131), (116, 16170), (118, 16179), (120, 16191), (167, 16413), (180, 16467),

Gene: PenguinLover67_16 Start: 14236, Stop: 15033, Start Num: 7

Candidate Starts for PenguinLover67_16:

(Start: 7 @14236 has 2 MA's), (18, 14275), (23, 14287), (Start: 44 @14383 has 2 MA's), (59, 14470), (65, 14506), (67, 14518), (84, 14602), (105, 14704), (109, 14725), (142, 14842), (148, 14878), (150, 14884), (170, 14968), (178, 15007), (181, 15016),

Gene: Pepe25_24 Start: 14854, Stop: 15600, Start Num: 24

Candidate Starts for Pepe25_24:

(Start: 19 @14845 has 1 MA's), (Start: 24 @14854 has 38 MA's), (87, 15181), (116, 15304), (118, 15313), (139, 15388), (141, 15403), (169, 15541), (171, 15550), (180, 15586),

Gene: Phabia_26 Start: 15818, Stop: 16552, Start Num: 24

Candidate Starts for Phabia_26:

(Start: 19 @15809 has 1 MA's), (Start: 24 @15818 has 38 MA's), (37, 15878), (52, 15971), (70, 16070), (106, 16232), (118, 16280), (124, 16301), (147, 16400),

Gene: Phaedrus_14 Start: 13057, Stop: 13866, Start Num: 11

Candidate Starts for Phaedrus_14:

(Start: 11 @13057 has 45 MA's), (32, 13120), (Start: 44 @13183 has 2 MA's), (60, 13279), (67, 13327), (69, 13333), (79, 13381), (92, 13453), (99, 13483), (105, 13504), (119, 13564), (126, 13585), (142, 13651), (172, 13792), (173, 13795),

Gene: Phamished_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Phamished_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Phantasmagoria_16 Start: 14532, Stop: 15350, Start Num: 10

Candidate Starts for Phantasmagoria_16:

(Start: 10 @14532 has 33 MA's), (Start: 44 @14676 has 2 MA's), (Start: 58 @14757 has 1 MA's), (66, 14811), (67, 14817), (80, 14877), (87, 14916), (94, 14955), (105, 14994), (131, 15090), (142, 15138), (150, 15180), (159, 15216), (173, 15282),

Gene: Phareon_13 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Phareon_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: PhatCats2014_13 Start: 11606, Stop: 12409, Start Num: 12

Candidate Starts for PhatCats2014_13:

(Start: 12 @11606 has 338 MA's), (18, 11627), (23, 11639), (27, 11651), (57, 11813), (69, 11882), (79, 11930), (92, 12002), (104, 12047), (108, 12071), (121, 12122), (140, 12176), (150, 12233), (160, 12272),

Gene: PhatLouie_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for PhatLouie_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Phayeta_15 Start: 13016, Stop: 13825, Start Num: 11

Candidate Starts for Phayeta_15:

(Start: 11 @13016 has 45 MA's), (32, 13079), (Start: 44 @13142 has 2 MA's), (60, 13238), (67, 13286), (69, 13292), (79, 13340), (92, 13412), (99, 13442), (105, 13463), (119, 13523), (126, 13544), (142, 13610), (172, 13751), (173, 13754),

Gene: Phelemich_14 Start: 13595, Stop: 14401, Start Num: 12

Candidate Starts for Phelemich_14:

(Start: 12 @13595 has 338 MA's), (18, 13607), (Start: 38 @13685 has 6 MA's), (68, 13889), (69, 13892), (79, 13940), (82, 13961), (92, 14012), (106, 14075), (127, 14147), (142, 14204), (168, 14324),

Gene: PhenghisKhan_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for PhenghisKhan_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Pherdinand_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for Pherdinand_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Phergie_12 Start: 11155, Stop: 11952, Start Num: 12

Candidate Starts for Phergie_12:

(Start: 12 @11155 has 338 MA's), (18, 11176), (23, 11188), (27, 11200), (69, 11431), (79, 11479), (92, 11551), (104, 11596), (108, 11620), (121, 11671), (140, 11725), (150, 11782), (160, 11821),

Gene: Philly_14 Start: 13006, Stop: 13815, Start Num: 11

Candidate Starts for Philly_14:

(Start: 11 @13006 has 45 MA's), (32, 13069), (Start: 44 @13132 has 2 MA's), (60, 13228), (67, 13276), (69, 13282), (79, 13330), (92, 13402), (99, 13432), (102, 13435), (105, 13453), (119, 13513), (126, 13534), (142, 13600), (172, 13741), (173, 13744),

Gene: Phinky_32 Start: 16706, Stop: 17443, Start Num: 24

Candidate Starts for Phinky_32:

(Start: 24 @16706 has 38 MA's), (37, 16766), (52, 16859), (59, 16886), (87, 17036), (118, 17168), (123, 17186), (141, 17255), (169, 17393), (171, 17402), (175, 17420),

Gene: Phipps_13 Start: 11593, Stop: 12396, Start Num: 12

Candidate Starts for Phipps_13:

(Start: 12 @11593 has 338 MA's), (18, 11614), (23, 11626), (27, 11638), (57, 11800), (69, 11869), (79, 11917), (92, 11989), (104, 12034), (108, 12058), (121, 12109), (140, 12163), (150, 12220), (160, 12259),

Gene: Phleuron_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for Phleuron_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Phlyer_15 Start: 13874, Stop: 14683, Start Num: 11

Candidate Starts for Phlyer_15:

(Start: 11 @13874 has 45 MA's), (32, 13937), (Start: 44 @14000 has 2 MA's), (60, 14096), (67, 14144), (69, 14150), (79, 14198), (92, 14270), (99, 14300), (105, 14321), (119, 14381), (126, 14402), (142, 14468), (172, 14609), (173, 14612),

Gene: Phorgeous_27 Start: 15525, Stop: 16355, Start Num: 20

Candidate Starts for Phorgeous_27:

(Start: 20 @15525 has 43 MA's), (Start: 44 @15636 has 2 MA's), (Start: 58 @15708 has 1 MA's), (69, 15768), (94, 15918), (100, 15945), (104, 15969), (106, 15984), (116, 16023), (118, 16032), (120, 16044), (167, 16266), (180, 16320),

Gene: Phrancesco_28 Start: 15803, Stop: 16633, Start Num: 20

Candidate Starts for Phrancesco_28:

(Start: 20 @15803 has 43 MA's), (Start: 44 @15914 has 2 MA's), (Start: 58 @15986 has 1 MA's), (69, 16046), (94, 16196), (100, 16223), (104, 16247), (106, 16262), (116, 16301), (118, 16310), (120, 16322), (167, 16544), (180, 16598),

Gene: PhrankReynolds_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for PhrankReynolds_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: PhrodoBaggins_12 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for PhrodoBaggins_12:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Phunky_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Phunky_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: PierreOrion_28 Start: 15938, Stop: 16657, Start Num: 44

Candidate Starts for PierreOrion_28:

(Start: 20 @15827 has 43 MA's), (Start: 44 @15938 has 2 MA's), (Start: 58 @16010 has 1 MA's), (69, 16070), (94, 16220), (100, 16247), (104, 16271), (106, 16286), (116, 16325), (118, 16334), (120, 16346), (167, 16568), (180, 16622),

Gene: Piglet_0012 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Piglet_0012:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: PinheadLarry_13 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for PinheadLarry_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Pinkman_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for Pinkman_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Pipefish_15 Start: 14024, Stop: 14833, Start Num: 11

Candidate Starts for Pipefish_15:

(Start: 11 @14024 has 45 MA's), (32, 14087), (Start: 44 @14150 has 2 MA's), (60, 14246), (67, 14294), (69, 14300), (79, 14348), (92, 14420), (99, 14450), (102, 14453), (105, 14471), (119, 14531), (126, 14552), (142, 14618), (172, 14759), (173, 14762),

Gene: PiperSansNom_28 Start: 15979, Stop: 16809, Start Num: 20

Candidate Starts for PiperSansNom_28:

(Start: 20 @15979 has 43 MA's), (Start: 44 @16090 has 2 MA's), (Start: 58 @16162 has 1 MA's), (69, 16222), (94, 16372), (100, 16399), (104, 16423), (106, 16438), (116, 16477), (118, 16486), (120, 16498), (167, 16720), (180, 16774),

Gene: Piperis_28 Start: 15649, Stop: 16479, Start Num: 20

Candidate Starts for Piperis_28:

(Start: 20 @15649 has 43 MA's), (Start: 44 @15760 has 2 MA's), (Start: 58 @15832 has 1 MA's), (69, 15892), (94, 16042), (100, 16069), (104, 16093), (106, 16108), (116, 16147), (118, 16156), (120, 16168), (167, 16390), (180, 16444),

Gene: Pipsqueak_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Pipsqueak_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Placalicious_12 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for Placalicious_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Plmatters_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Plmatters_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Podrick_13 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Podrick_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Pops_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Pops_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Poster_12 Start: 12252, Stop: 13046, Start Num: 12

Candidate Starts for Poster_12:

(Start: 12 @12252 has 338 MA's), (18, 12273), (21, 12282), (35, 12339), (Start: 44 @12384 has 2 MA's), (67, 12522), (79, 12576), (82, 12597), (86, 12618), (88, 12624), (105, 12711), (115, 12753), (142, 12849), (145, 12867), (150, 12891), (161, 12933), (170, 12975), (181, 13023),

Gene: Potter_12 Start: 11310, Stop: 12113, Start Num: 12

Candidate Starts for Potter_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Prickles_13 Start: 11608, Stop: 12411, Start Num: 12

Candidate Starts for Prickles_13:

(Start: 12 @11608 has 338 MA's), (18, 11629), (23, 11641), (27, 11653), (57, 11815), (69, 11884), (79, 11932), (92, 12004), (104, 12049), (108, 12073), (121, 12124), (140, 12178), (150, 12235), (160, 12274),

Gene: Prince_13 Start: 13506, Stop: 14300, Start Num: 12

Candidate Starts for Prince_13:

(Start: 12 @13506 has 338 MA's), (18, 13527), (23, 13539), (Start: 44 @13638 has 2 MA's), (67, 13776), (79, 13830), (82, 13851), (86, 13872), (88, 13878), (92, 13902), (105, 13965), (115, 14007), (142, 14103), (143, 14106), (150, 14145), (161, 14187), (170, 14229), (181, 14277),

Gene: ProfessorX_13 Start: 11600, Stop: 12397, Start Num: 12

Candidate Starts for ProfessorX_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Puhltonio_13 Start: 11593, Stop: 12396, Start Num: 12

Candidate Starts for Puhltonio_13:

(Start: 12 @11593 has 338 MA's), (18, 11614), (23, 11626), (27, 11638), (57, 11800), (69, 11869), (79, 11917), (92, 11989), (104, 12034), (108, 12058), (121, 12109), (140, 12163), (150, 12220), (160, 12259),

Gene: Pulchra_29 Start: 16049, Stop: 16879, Start Num: 20

Candidate Starts for Pulchra_29:

(Start: 20 @16049 has 43 MA's), (Start: 44 @16160 has 2 MA's), (Start: 58 @16232 has 1 MA's), (69, 16292), (94, 16442), (100, 16469), (104, 16493), (106, 16508), (116, 16547), (118, 16556), (120, 16568), (167, 16790), (180, 16844),

Gene: Quammi_24 Start: 15389, Stop: 16123, Start Num: 24

Candidate Starts for Quammi_24:

(Start: 19 @15380 has 1 MA's), (Start: 24 @15389 has 38 MA's), (37, 15449), (52, 15542), (70, 15641), (106, 15803), (118, 15851), (124, 15872), (147, 15971),

Gene: QueenBeane_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for QueenBeane_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: QueenPie_13 Start: 13850, Stop: 14644, Start Num: 12

Candidate Starts for QueenPie_13:

(Start: 12 @13850 has 338 MA's), (18, 13871), (23, 13883), (35, 13937), (Start: 44 @13982 has 2 MA's), (67, 14120), (79, 14174), (82, 14195), (86, 14216), (88, 14222), (115, 14351), (142, 14447), (145, 14465), (150, 14489), (170, 14573), (181, 14621),

Gene: Quesadilla_15 Start: 14040, Stop: 14831, Start Num: 9

Candidate Starts for Quesadilla_15:

(Start: 9 @14040 has 1 MA's), (23, 14085), (Start: 44 @14181 has 2 MA's), (59, 14268), (65, 14304), (67, 14316), (84, 14400), (105, 14502), (109, 14523), (114, 14541), (148, 14676), (150, 14682), (181, 14814),

Gene: Quhwah_31 Start: 16275, Stop: 17105, Start Num: 20

Candidate Starts for Quhwah_31:

(Start: 20 @16275 has 43 MA's), (Start: 44 @16386 has 2 MA's), (Start: 58 @16458 has 1 MA's), (69, 16518), (94, 16668), (100, 16695), (104, 16719), (106, 16734), (116, 16773), (118, 16782), (120, 16794), (167, 17016), (180, 17070),

Gene: Quisquilliae_13 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Quisquilliae_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Qyrzula_15 Start: 14622, Stop: 15440, Start Num: 10

Candidate Starts for Qyrzula_15:

(Start: 10 @14622 has 33 MA's), (Start: 44 @14766 has 2 MA's), (Start: 58 @14847 has 1 MA's), (66, 14901), (67, 14907), (80, 14967), (87, 15006), (94, 15045), (105, 15084), (131, 15180), (142, 15228), (150, 15270), (159, 15306), (173, 15372),

Gene: RagingRooster_15 Start: 13141, Stop: 13950, Start Num: 11

Candidate Starts for RagingRooster_15:

(Start: 11 @13141 has 45 MA's), (32, 13204), (Start: 44 @13267 has 2 MA's), (60, 13363), (67, 13411), (69, 13417), (79, 13465), (92, 13537), (99, 13567), (105, 13588), (119, 13648), (126, 13669), (142, 13735), (172, 13876), (173, 13879),

Gene: Ramiel05_27 Start: 15684, Stop: 16514, Start Num: 20

Candidate Starts for Ramiel05_27:

(Start: 20 @15684 has 43 MA's), (Start: 44 @15795 has 2 MA's), (Start: 58 @15867 has 1 MA's), (69, 15927), (94, 16077), (100, 16104), (104, 16128), (106, 16143), (116, 16182), (118, 16191), (120, 16203), (167, 16425), (180, 16479),

Gene: Rasputia_58 Start: 32048, Stop: 32869, Start Num: 19

Candidate Starts for Rasputia_58:

(Start: 19 @32048 has 1 MA's), (Start: 44 @32165 has 2 MA's), (50, 32201), (53, 32225), (74, 32324), (105, 32477), (125, 32558), (141, 32621), (144, 32639), (163, 32726), (179, 32798),

Gene: RawrgerThat_13 Start: 13340, Stop: 14134, Start Num: 12

Candidate Starts for RawrgerThat_13:

(Start: 12 @13340 has 338 MA's), (18, 13361), (23, 13373), (Start: 44 @13472 has 2 MA's), (67, 13610), (79, 13664), (82, 13685), (86, 13706), (88, 13712), (92, 13736), (105, 13799), (115, 13841), (142, 13937), (150, 13979), (161, 14021), (170, 14063), (181, 14111),

Gene: RedMaple_12 Start: 11596, Stop: 12399, Start Num: 12

Candidate Starts for RedMaple_12:

(Start: 12 @11596 has 338 MA's), (18, 11617), (23, 11629), (27, 11641), (57, 11803), (69, 11872), (79, 11920), (92, 11992), (104, 12037), (108, 12061), (121, 12112), (140, 12166), (150, 12223), (160, 12262),

Gene: Reprobate_14 Start: 13592, Stop: 14398, Start Num: 12

Candidate Starts for Reprobate_14:

(Start: 12 @13592 has 338 MA's), (18, 13604), (Start: 38 @13682 has 6 MA's), (68, 13886), (69, 13889), (79, 13937), (82, 13958), (92, 14009), (106, 14072), (127, 14144), (142, 14201), (168, 14321),

Gene: Rhinoforte_16 Start: 14649, Stop: 15467, Start Num: 10

Candidate Starts for Rhinoforte_16:

(Start: 10 @14649 has 33 MA's), (Start: 44 @14793 has 2 MA's), (Start: 58 @14874 has 1 MA's), (66, 14928), (67, 14934), (80, 14994), (87, 15033), (94, 15072), (105, 15111), (131, 15207), (142, 15255), (150, 15297), (159, 15333), (173, 15399),

Gene: Rich_14 Start: 13348, Stop: 14154, Start Num: 12

Candidate Starts for Rich_14:

(Start: 12 @13348 has 338 MA's), (Start: 19 @13363 has 1 MA's), (29, 13390), (33, 13414), (Start: 38 @13438 has 6 MA's), (68, 13642), (69, 13645), (84, 13723), (90, 13753), (92, 13765), (106, 13828), (109, 13840), (142, 13957), (150, 13999), (161, 14041), (168, 14077),

Gene: Ricotta_12 Start: 11308, Stop: 12111, Start Num: 12

Candidate Starts for Ricotta_12:

(Start: 12 @11308 has 338 MA's), (18, 11329), (23, 11341), (27, 11353), (57, 11515), (69, 11584), (79, 11632), (92, 11704), (104, 11749), (108, 11773), (121, 11824), (140, 11878), (150, 11935), (160, 11974),

Gene: Riggan_13 Start: 11606, Stop: 12403, Start Num: 12

Candidate Starts for Riggan_13:

(Start: 12 @11606 has 338 MA's), (18, 11627), (23, 11639), (27, 11651), (57, 11813), (69, 11882), (79, 11930), (92, 12002), (104, 12047), (108, 12071), (121, 12122), (140, 12176), (150, 12233), (160, 12272),

Gene: Rimu_12 Start: 11302, Stop: 12105, Start Num: 12

Candidate Starts for Rimu_12:

(Start: 12 @11302 has 338 MA's), (18, 11323), (23, 11335), (27, 11347), (57, 11509), (69, 11578), (79, 11626), (92, 11698), (104, 11743), (108, 11767), (121, 11818), (140, 11872), (150, 11929), (160, 11968),

Gene: Rinkes_18 Start: 15361, Stop: 16194, Start Num: 12

Candidate Starts for Rinkes_18:

(Start: 12 @15361 has 338 MA's), (23, 15397), (41, 15475), (89, 15769), (96, 15805), (105, 15841), (114, 15880), (127, 15925), (129, 15931), (138, 15958), (146, 16015), (163, 16087), (172, 16132),

Gene: Rita1961_15 Start: 13135, Stop: 13944, Start Num: 11

Candidate Starts for Rita1961_15:

(Start: 11 @13135 has 45 MA's), (32, 13198), (Start: 44 @13261 has 2 MA's), (60, 13357), (67, 13405), (69, 13411), (79, 13459), (92, 13531), (99, 13561), (105, 13582), (119, 13642), (126, 13663), (142, 13729), (172, 13870), (173, 13873),

Gene: RobinRose_27 Start: 15018, Stop: 15755, Start Num: 24

Candidate Starts for RobinRose_27:

(Start: 19 @15009 has 1 MA's), (Start: 24 @15018 has 38 MA's), (55, 15189), (87, 15345), (116, 15468), (118, 15477), (123, 15495), (141, 15567), (151, 15621), (171, 15714),

Gene: RobsFeet_29 Start: 15807, Stop: 16619, Start Num: 20

Candidate Starts for RobsFeet_29:

(Start: 20 @15807 has 43 MA's), (43, 15909), (Start: 44 @15918 has 2 MA's), (46, 15927), (57, 15987), (Start: 58 @15990 has 1 MA's), (69, 16050), (93, 16185), (97, 16224), (116, 16308), (118, 16317), (157, 16473), (167, 16527), (180, 16581), (184, 16608),

Gene: Robyn_12 Start: 11157, Stop: 11960, Start Num: 12

Candidate Starts for Robyn_12:

(Start: 12 @11157 has 338 MA's), (18, 11178), (23, 11190), (27, 11202), (57, 11364), (69, 11433), (79, 11481), (92, 11553), (104, 11598), (108, 11622), (121, 11673), (140, 11727), (150, 11784), (160, 11823),

Gene: Roliet_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for Roliet_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: RomaT_15 Start: 13921, Stop: 14730, Start Num: 11

Candidate Starts for RomaT_15:

(Start: 11 @13921 has 45 MA's), (32, 13984), (Start: 44 @14047 has 2 MA's), (60, 14143), (67, 14191), (69, 14197), (79, 14245), (92, 14317), (99, 14347), (102, 14350), (105, 14368), (119, 14428), (126, 14449), (142, 14515), (172, 14656), (173, 14659),

Gene: Romm_27 Start: 15018, Stop: 15755, Start Num: 24

Candidate Starts for Romm_27:

(Start: 19 @15009 has 1 MA's), (Start: 24 @15018 has 38 MA's), (55, 15189), (87, 15345), (116, 15468), (118, 15477), (123, 15495), (141, 15567), (151, 15621), (171, 15714),

Gene: Roscoe_14 Start: 11837, Stop: 12634, Start Num: 12

Candidate Starts for Roscoe_14:

(Start: 12 @11837 has 338 MA's), (18, 11858), (23, 11870), (27, 11882), (57, 12044), (69, 12113), (79, 12161), (92, 12233), (104, 12278), (108, 12302), (121, 12353), (140, 12407), (150, 12464), (160, 12503),

Gene: Rosebush_16 Start: 14649, Stop: 15467, Start Num: 10

Candidate Starts for Rosebush_16:

(Start: 10 @14649 has 33 MA's), (Start: 44 @14793 has 2 MA's), (Start: 58 @14874 has 1 MA's), (66, 14928), (67, 14934), (80, 14994), (87, 15033), (94, 15072), (105, 15111), (131, 15207), (142, 15255), (150, 15297), (159, 15333), (173, 15399),

Gene: Rowlf_22 Start: 15147, Stop: 15881, Start Num: 24

Candidate Starts for Rowlf_22:

(Start: 19 @15138 has 1 MA's), (Start: 24 @15147 has 38 MA's), (37, 15207), (52, 15300), (70, 15399), (106, 15561), (118, 15609), (124, 15630), (147, 15729), (154, 15756),

Gene: Roy17_13 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for Roy17_13:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: RubyRalph_28 Start: 15664, Stop: 16398, Start Num: 24

Candidate Starts for RubyRalph_28:

(Start: 24 @15664 has 38 MA's), (54, 15832), (70, 15913), (118, 16120), (141, 16210), (152, 16267), (160, 16297),

Gene: Rudy_24 Start: 15389, Stop: 16123, Start Num: 24

Candidate Starts for Rudy_24:

(Start: 19 @15380 has 1 MA's), (Start: 24 @15389 has 38 MA's), (37, 15449), (52, 15542), (70, 15641), (106, 15803), (118, 15851), (124, 15872), (147, 15971),

Gene: SDcharge11_13 Start: 11595, Stop: 12398, Start Num: 12

Candidate Starts for SDcharge11_13:

(Start: 12 @11595 has 338 MA's), (18, 11616), (23, 11628), (27, 11640), (57, 11802), (69, 11871), (79, 11919), (92, 11991), (104, 12036), (108, 12060), (121, 12111), (140, 12165), (150, 12222), (160, 12261),

Gene: Sabella_16 Start: 14535, Stop: 15353, Start Num: 10

Candidate Starts for Sabella_16:

(Start: 10 @14535 has 33 MA's), (Start: 44 @14679 has 2 MA's), (Start: 58 @14760 has 1 MA's), (66, 14814), (67, 14820), (80, 14880), (87, 14919), (94, 14958), (105, 14997), (131, 15093), (142, 15141), (150, 15183), (159, 15219), (173, 15285),

Gene: SadLad_30 Start: 16601, Stop: 17335, Start Num: 24

Candidate Starts for SadLad_30:

(Start: 24 @16601 has 38 MA's), (54, 16769), (70, 16850), (118, 17057), (141, 17147), (152, 17204), (160, 17234),

Gene: Saguaro_15 Start: 14245, Stop: 15039, Start Num: 10

Candidate Starts for Saguaro_15:

(Start: 10 @14245 has 33 MA's), (14, 14260), (23, 14287), (36, 14341), (64, 14497), (65, 14506), (67, 14518), (79, 14572), (87, 14617), (101, 14683), (111, 14731), (121, 14773), (150, 14884), (170, 14968), (172, 14983), (181, 15016),

Gene: SallyK_27 Start: 16535, Stop: 17269, Start Num: 24

Candidate Starts for SallyK_27:

(Start: 19 @16526 has 1 MA's), (Start: 24 @16535 has 38 MA's), (37, 16595), (70, 16787), (106, 16949), (112, 16976), (118, 16997), (123, 17015), (124, 17018), (134, 17045), (135, 17048), (141, 17084), (147, 17117), (154, 17144),

Gene: Samaymay_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Samaymay_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: SassyCat97_12 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for SassyCat97_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Savannah_27 Start: 15711, Stop: 16541, Start Num: 20

Candidate Starts for Savannah_27:

(Start: 20 @15711 has 43 MA's), (Start: 44 @15822 has 2 MA's), (Start: 58 @15894 has 1 MA's), (69, 15954), (94, 16104), (100, 16131), (104, 16155), (106, 16170), (116, 16209), (118, 16218), (120, 16230), (167, 16452), (180, 16506),

Gene: Schadenfreude_12 Start: 11147, Stop: 11950, Start Num: 12

Candidate Starts for Schadenfreude_12:

(Start: 12 @11147 has 338 MA's), (18, 11168), (23, 11180), (27, 11192), (57, 11354), (69, 11423), (79, 11471), (92, 11543), (104, 11588), (108, 11612), (121, 11663), (140, 11717), (150, 11774), (160, 11813),

Gene: Schueller_12 Start: 11306, Stop: 12103, Start Num: 12

Candidate Starts for Schueller_12:

(Start: 12 @11306 has 338 MA's), (18, 11327), (23, 11339), (27, 11351), (57, 11513), (69, 11582), (79, 11630), (92, 11702), (104, 11747), (108, 11771), (121, 11822), (140, 11876), (150, 11933), (160, 11972),

Gene: Scoot17C_13 Start: 11603, Stop: 12406, Start Num: 12

Candidate Starts for Scoot17C_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Scrick_12 Start: 11310, Stop: 12113, Start Num: 12

Candidate Starts for Scrick_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Scumberland_29 Start: 15899, Stop: 16729, Start Num: 20

Candidate Starts for Scumberland_29:

(Start: 20 @15899 has 43 MA's), (Start: 44 @16010 has 2 MA's), (Start: 58 @16082 has 1 MA's), (69, 16142), (94, 16292), (100, 16319), (104, 16343), (106, 16358), (116, 16397), (118, 16406), (120, 16418), (167, 16640), (180, 16694),

Gene: Sejanus_11 Start: 11588, Stop: 12436, Start Num: 12

Candidate Starts for Sejanus_11:

(Start: 12 @11588 has 338 MA's), (Start: 19 @11603 has 1 MA's), (Start: 44 @11714 has 2 MA's), (47, 11726), (51, 11759), (69, 11861), (79, 11909), (88, 11957), (92, 11981), (103, 12023), (133, 12131), (142, 12176), (145, 12194), (161, 12260), (163, 12272), (168, 12296), (172, 12317), (181, 12350),

Gene: Selr12_13 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Selr12_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Selwyn23_29 Start: 15877, Stop: 16707, Start Num: 20

Candidate Starts for Selwyn23_29:

(Start: 20 @15877 has 43 MA's), (Start: 44 @15988 has 2 MA's), (Start: 58 @16060 has 1 MA's), (69, 16120), (94, 16270), (100, 16297), (104, 16321), (106, 16336), (116, 16375), (118, 16384), (120, 16396), (167, 16618), (180, 16672),

Gene: Serendipitous_14 Start: 13398, Stop: 14204, Start Num: 12

Candidate Starts for Serendipitous_14:

(Start: 12 @13398 has 338 MA's), (Start: 38 @13488 has 6 MA's), (68, 13692), (84, 13773), (92, 13815), (102, 13851), (106, 13878), (127, 13950), (142, 14007), (150, 14049), (161, 14091), (168, 14127),

Gene: Serendipity_13 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Serendipity_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Serpentine_0013 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Serpentine_0013:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Shatter_12 Start: 11636, Stop: 12418, Start Num: 12

Candidate Starts for Shatter_12:

(Start: 12 @11636 has 338 MA's), (17, 11648), (36, 11726), (150, 12272), (153, 12287), (159, 12308), (168, 12350), (170, 12356), (178, 12395),

Gene: Sheila_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for Sheila_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Shenyu_14 Start: 13334, Stop: 14140, Start Num: 12

Candidate Starts for Shenyu_14:

(Start: 12 @13334 has 338 MA's), (Start: 38 @13424 has 6 MA's), (68, 13628), (84, 13709), (92, 13751), (106, 13814), (109, 13826), (127, 13886), (142, 13943), (150, 13985), (168, 14063), (181, 14117),

Gene: ShiVal_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for ShiVal_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Shotgun_27 Start: 15509, Stop: 16339, Start Num: 20

Candidate Starts for Shotgun_27:

(Start: 20 @15509 has 43 MA's), (Start: 44 @15620 has 2 MA's), (Start: 58 @15692 has 1 MA's), (69, 15752), (94, 15902), (100, 15929), (104, 15953), (106, 15968), (116, 16007), (118, 16016), (120, 16028), (167, 16250), (180, 16304),

Gene: Sigman_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for Sigman_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Sillytadpoles_26 Start: 15387, Stop: 16121, Start Num: 24

Candidate Starts for Sillytadpoles_26:

(Start: 19 @15378 has 1 MA's), (Start: 24 @15387 has 38 MA's), (37, 15447), (52, 15540), (70, 15639), (106, 15801), (118, 15849), (124, 15870), (147, 15969),

Gene: SilverBell_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for SilverBell_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Simielle_12 Start: 11300, Stop: 12097, Start Num: 12

Candidate Starts for Simielle_12:

(Start: 12 @11300 has 338 MA's), (18, 11321), (23, 11333), (27, 11345), (57, 11507), (69, 11576), (79, 11624), (92, 11696), (104, 11741), (108, 11765), (121, 11816), (140, 11870), (150, 11927), (160, 11966),

Gene: SirJeffery_14 Start: 13351, Stop: 14157, Start Num: 12

Candidate Starts for SirJeffery_14:

(Start: 12 @13351 has 338 MA's), (Start: 19 @13366 has 1 MA's), (29, 13393), (Start: 38 @13441 has 6 MA's), (84, 13726), (92, 13768), (96, 13786), (102, 13804), (106, 13831), (109, 13843), (127, 13903), (142, 13960), (145, 13978), (150, 14002), (161, 14044), (168, 14080),

Gene: Sisko_12 Start: 11968, Stop: 12750, Start Num: 12

Candidate Starts for Sisko_12:

(Start: 12 @11968 has 338 MA's), (23, 12007), (36, 12061), (80, 12301), (84, 12325), (116, 12463), (120, 12484), (145, 12580), (149, 12601), (153, 12619), (161, 12646), (178, 12727),

Gene: Skippy_13 Start: 11605, Stop: 12402, Start Num: 12

Candidate Starts for Skippy_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Slatt_13 Start: 11607, Stop: 12410, Start Num: 12

Candidate Starts for Slatt_13:

(Start: 12 @11607 has 338 MA's), (18, 11628), (23, 11640), (27, 11652), (57, 11814), (69, 11883), (79, 11931), (92, 12003), (104, 12048), (108, 12072), (121, 12123), (140, 12177), (150, 12234), (160, 12273),

Gene: SlippinJimmy_15 Start: 13905, Stop: 14714, Start Num: 11

Candidate Starts for SlippinJimmy_15:

(Start: 11 @13905 has 45 MA's), (32, 13968), (Start: 44 @14031 has 2 MA's), (60, 14127), (67, 14175), (69, 14181), (79, 14229), (92, 14301), (99, 14331), (102, 14334), (105, 14352), (119, 14412), (126, 14433), (142, 14499), (172, 14640), (173, 14643),

Gene: Smarties_36 Start: 17634, Stop: 18449, Start Num: 20

Candidate Starts for Smarties_36:

(Start: 20 @17634 has 43 MA's), (43, 17736), (Start: 44 @17745 has 2 MA's), (46, 17754), (69, 17877), (97, 18051), (118, 18144), (157, 18300), (167, 18354), (181, 18411), (184, 18435),

Gene: Soile_13 Start: 11308, Stop: 12111, Start Num: 12

Candidate Starts for Soile_13:

(Start: 12 @11308 has 338 MA's), (18, 11329), (23, 11341), (27, 11353), (57, 11515), (69, 11584), (79, 11632), (92, 11704), (104, 11749), (108, 11773), (121, 11824), (140, 11878), (150, 11935), (160, 11974),

Gene: Solosis_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Solosis_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Soos_41 Start: 24289, Stop: 25056, Start Num: 12

Candidate Starts for Soos_41:

(Start: 12 @24289 has 338 MA's), (31, 24355), (39, 24391), (72, 24562), (73, 24565), (103, 24715), (116, 24769), (153, 24925), (155, 24931), (172, 25009), (179, 25036),

Gene: Sophia_12 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for Sophia_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Soto_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Soto_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Sour_15 Start: 13282, Stop: 14088, Start Num: 6

Candidate Starts for Sour_15:

(Start: 6 @13282 has 1 MA's), (Start: 12 @13324 has 338 MA's), (23, 13348), (34, 13399), (40, 13423), (Start: 44 @13447 has 2 MA's), (63, 13555), (80, 13639), (81, 13645), (103, 13747), (105, 13756), (120, 13822), (142, 13900), (149, 13939), (160, 13981),

Gene: Spartan300_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for Spartan300_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Squash_28 Start: 16457, Stop: 17191, Start Num: 24

Candidate Starts for Squash_28:

(Start: 19 @16448 has 1 MA's), (Start: 24 @16457 has 38 MA's), (37, 16517), (52, 16610), (70, 16709), (106, 16871), (118, 16919), (124, 16940), (147, 17039), (154, 17066), (165, 17126),

Gene: Squid_13 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for Squid_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Squiggle_13 Start: 11309, Stop: 12106, Start Num: 12

Candidate Starts for Squiggle_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: StAugustine_19 Start: 15471, Stop: 16352, Start Num: 12

Candidate Starts for StAugustine_19:

(Start: 12 @15471 has 338 MA's), (17, 15483), (68, 15759), (71, 15777), (103, 15924), (128, 16023), (130, 16029), (140, 16068), (142, 16083), (145, 16101), (148, 16119), (181, 16284),

Gene: Statler_28 Start: 16369, Stop: 17103, Start Num: 24

Candidate Starts for Statler_28:

(Start: 19 @16360 has 1 MA's), (Start: 24 @16369 has 38 MA's), (37, 16429), (52, 16522), (70, 16621), (106, 16783), (112, 16810), (118, 16831), (123, 16849), (124, 16852), (134, 16879), (135,

16882), (141, 16918), (147, 16951),

Gene: Sting_44 Start: 24728, Stop: 25495, Start Num: 12

Candidate Starts for Sting_44:

(Start: 12 @24728 has 338 MA's), (31, 24794), (39, 24830), (72, 25001), (73, 25004), (103, 25154), (116, 25208), (153, 25364), (155, 25370), (172, 25448), (179, 25475),

Gene: Stinger_11 Start: 11803, Stop: 12600, Start Num: 12

Candidate Starts for Stinger_11:

(Start: 12 @11803 has 338 MA's), (21, 11830), (35, 11887), (Start: 44 @11932 has 2 MA's), (67, 12070), (79, 12124), (82, 12145), (86, 12166), (88, 12172), (92, 12196), (115, 12301), (140, 12388), (145, 12421), (150, 12445), (161, 12487), (170, 12529), (181, 12577),

Gene: StinkyVeggy_15 Start: 13490, Stop: 14296, Start Num: 12

Candidate Starts for StinkyVeggy_15:

(Start: 12 @13490 has 338 MA's), (68, 13784), (84, 13865), (92, 13907), (106, 13970), (109, 13982), (127, 14042), (142, 14099), (150, 14141), (168, 14219), (181, 14273),

Gene: StrawberryJamm_28 Start: 15689, Stop: 16423, Start Num: 24

Candidate Starts for StrawberryJamm_28:

(Start: 19 @15680 has 1 MA's), (Start: 24 @15689 has 38 MA's), (37, 15749), (70, 15941), (106, 16103), (112, 16130), (118, 16151), (124, 16172), (134, 16199), (135, 16202), (141, 16238), (147, 16271), (154, 16298),

Gene: Struggle_12 Start: 11155, Stop: 11952, Start Num: 12

Candidate Starts for Struggle_12:

(Start: 12 @11155 has 338 MA's), (18, 11176), (23, 11188), (27, 11200), (69, 11431), (79, 11479), (92, 11551), (104, 11596), (108, 11620), (121, 11671), (140, 11725), (150, 11782), (160, 11821),

Gene: Suffolk_13 Start: 11601, Stop: 12404, Start Num: 12

Candidate Starts for Suffolk_13:

(Start: 12 @11601 has 338 MA's), (18, 11622), (23, 11634), (27, 11646), (57, 11808), (69, 11877), (79, 11925), (92, 11997), (104, 12042), (108, 12066), (121, 12117), (140, 12171), (150, 12228), (160, 12267),

Gene: Suigeneris_14 Start: 13351, Stop: 14157, Start Num: 12

Candidate Starts for Suigeneris_14:

(Start: 12 @13351 has 338 MA's), (Start: 19 @13366 has 1 MA's), (29, 13393), (Start: 38 @13441 has 6 MA's), (84, 13726), (92, 13768), (96, 13786), (102, 13804), (106, 13831), (109, 13843), (127, 13903), (142, 13960), (145, 13978), (150, 14002), (161, 14044), (168, 14080),

Gene: Sunny_28 Start: 15926, Stop: 16729, Start Num: 20

Candidate Starts for Sunny_28:

(Start: 20 @15926 has 43 MA's), (43, 16028), (Start: 44 @16037 has 2 MA's), (46, 16046), (73, 16193), (97, 16340), (110, 16403), (116, 16424), (118, 16433), (157, 16589), (167, 16643), (180, 16697),

Gene: Surely_13 Start: 11605, Stop: 12408, Start Num: 12

Candidate Starts for Surely_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Swiphy_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Swiphy_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Swish_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for Swish_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: SynergyX_15 Start: 13141, Stop: 13950, Start Num: 11

Candidate Starts for SynergyX_15:

(Start: 11 @13141 has 45 MA's), (32, 13204), (Start: 44 @13267 has 2 MA's), (60, 13363), (67, 13411), (69, 13417), (79, 13465), (92, 13537), (99, 13567), (105, 13588), (119, 13648), (126, 13669), (142, 13735), (172, 13876), (173, 13879),

Gene: TA17A_16 Start: 14532, Stop: 15350, Start Num: 10

Candidate Starts for TA17A_16:

(Start: 10 @14532 has 33 MA's), (Start: 44 @14676 has 2 MA's), (Start: 58 @14757 has 1 MA's), (66, 14811), (67, 14817), (80, 14877), (87, 14916), (94, 14955), (105, 14994), (131, 15090), (142, 15138), (150, 15180), (159, 15216), (173, 15282),

Gene: TPA2_22 Start: 14324, Stop: 15103, Start Num: 12

Candidate Starts for TPA2_22:

(4, 14264), (Start: 12 @14324 has 338 MA's), (23, 14357), (37, 14414), (92, 14711), (105, 14762), (124, 14837), (150, 14948), (163, 15002), (166, 15020), (170, 15032),

Gene: TallGrassMM_13 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for TallGrassMM_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Taptic_10 Start: 12673, Stop: 13449, Start Num: 12

Candidate Starts for Taptic_10:

(Start: 12 @12673 has 338 MA's), (23, 12694), (25, 12697), (30, 12715), (36, 12748), (45, 12802), (47, 12808), (51, 12841), (79, 12988), (83, 13012), (84, 13018), (103, 13102), (124, 13186), (137, 13228), (159, 13333), (162, 13339), (173, 13399),

Gene: Teamocil_29 Start: 15303, Stop: 16118, Start Num: 20

Candidate Starts for Teamocil_29:

(Start: 20 @15303 has 43 MA's), (43, 15405), (Start: 44 @15414 has 2 MA's), (46, 15423), (57, 15483), (93, 15681), (97, 15720), (106, 15765), (116, 15804), (118, 15813), (157, 15969), (167, 16023), (180, 16077),

Gene: Teehee_27 Start: 16624, Stop: 17358, Start Num: 24

Candidate Starts for Teehee_27:

(Start: 19 @16615 has 1 MA's), (Start: 24 @16624 has 38 MA's), (37, 16684), (52, 16777), (70, 16876), (106, 17038), (118, 17086), (124, 17107), (147, 17206),

Gene: Telesworld_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Telesworld_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Tempo_25 Start: 14894, Stop: 15631, Start Num: 24

Candidate Starts for Tempo_25:

(Start: 19 @14885 has 1 MA's), (Start: 24 @14894 has 38 MA's), (55, 15065), (87, 15221), (116, 15344), (118, 15353), (123, 15371), (141, 15443), (151, 15497), (171, 15590),

Gene: Terij_24 Start: 15272, Stop: 16039, Start Num: 38

Candidate Starts for Terij_24:

(Start: 20 @15203 has 43 MA's), (Start: 38 @15272 has 6 MA's), (68, 15452), (93, 15587), (97, 15626), (104, 15656), (116, 15710), (118, 15719), (141, 15803), (142, 15806), (150, 15839), (152, 15854), (158, 15878), (167, 15929), (173, 15956), (182, 16001), (189, 16028),

Gene: Thonko_14 Start: 11261, Stop: 12043, Start Num: 12

Candidate Starts for Thonko_14:

(Start: 12 @11261 has 338 MA's), (18, 11273), (23, 11285), (79, 11579), (94, 11663), (108, 11732),

Gene: Thora_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Thora_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: ThreeOh3D2_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for ThreeOh3D2_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Thunderbird_12 Start: 11305, Stop: 12108, Start Num: 12

Candidate Starts for Thunderbird_12:

(Start: 12 @11305 has 338 MA's), (18, 11326), (23, 11338), (27, 11350), (57, 11512), (69, 11581), (79, 11629), (92, 11701), (104, 11746), (108, 11770), (121, 11821), (140, 11875), (150, 11932), (160, 11971),

Gene: Timmi_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Timmi_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Tinciduntolum_17 Start: 14651, Stop: 15469, Start Num: 10

Candidate Starts for Tinciduntolum_17:

(Start: 10 @14651 has 33 MA's), (Start: 44 @14795 has 2 MA's), (Start: 58 @14876 has 1 MA's), (66, 14930), (67, 14936), (80, 14996), (87, 15035), (94, 15074), (105, 15113), (131, 15209), (142, 15257), (150, 15299), (159, 15335), (173, 15401),

Gene: Tissue_26 Start: 16180, Stop: 16914, Start Num: 24

Candidate Starts for Tissue_26:

(Start: 19 @16171 has 1 MA's), (Start: 24 @16180 has 38 MA's), (37, 16240), (70, 16432), (106, 16594), (112, 16621), (118, 16642), (123, 16660), (124, 16663), (134, 16690), (135, 16693), (141,

16729), (147, 16762), (154, 16789),

Gene: TomBombadil_13 Start: 11605, Stop: 12402, Start Num: 12

Candidate Starts for TomBombadil_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Tomlarah_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Tomlarah_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Toni_12 Start: 11313, Stop: 12110, Start Num: 12

Candidate Starts for Toni_12:

(Start: 12 @11313 has 338 MA's), (18, 11334), (23, 11346), (27, 11358), (57, 11520), (69, 11589), (79, 11637), (92, 11709), (104, 11754), (108, 11778), (121, 11829), (140, 11883), (150, 11940), (160, 11979),

Gene: Tonitrus_31 Start: 21138, Stop: 21920, Start Num: 12

Candidate Starts for Tonitrus_31:

(8, 21117), (Start: 12 @21138 has 338 MA's), (Start: 19 @21162 has 1 MA's), (28, 21186), (Start: 44 @21267 has 2 MA's), (69, 21399), (88, 21495), (103, 21579), (106, 21597), (113, 21624), (116, 21633), (132, 21687), (137, 21708), (156, 21795), (163, 21828), (174, 21879),

Gene: Tooj_13 Start: 11603, Stop: 12406, Start Num: 12

Candidate Starts for Tooj_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (57, 11810), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Tres_16 Start: 14532, Stop: 15350, Start Num: 10

Candidate Starts for Tres_16:

(Start: 10 @14532 has 33 MA's), (Start: 44 @14676 has 2 MA's), (Start: 58 @14757 has 1 MA's), (66, 14811), (67, 14817), (80, 14877), (87, 14916), (94, 14955), (105, 14994), (131, 15090), (142, 15138), (150, 15180), (159, 15216), (173, 15282),

Gene: True_12 Start: 11310, Stop: 12107, Start Num: 12

Candidate Starts for True_12:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Trypo_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for Trypo_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Tydolla_15 Start: 13878, Stop: 14687, Start Num: 11

Candidate Starts for Tydolla_15:

(Start: 11 @13878 has 45 MA's), (32, 13941), (Start: 44 @14004 has 2 MA's), (60, 14100), (67, 14148), (69, 14154), (79, 14202), (92, 14274), (99, 14304), (105, 14325), (119, 14385), (126, 14406),

(142, 14472), (172, 14613), (173, 14616),

Gene: TyrionL_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for TyrionL_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Tyrumbra_26 Start: 14883, Stop: 15692, Start Num: 20

Candidate Starts for Tyrumbra_26:

(Start: 20 @14883 has 43 MA's), (43, 14985), (Start: 44 @14994 has 2 MA's), (46, 15003), (57, 15063), (Start: 58 @15066 has 1 MA's), (69, 15126), (93, 15261), (97, 15300), (116, 15384), (118, 15393), (157, 15549), (167, 15603), (180, 15657), (183, 15681),

Gene: UAch1_13 Start: 11602, Stop: 12405, Start Num: 12

Candidate Starts for UAch1_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: UncleHowie_13 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for UncleHowie_13:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Usavi_13 Start: 11599, Stop: 12402, Start Num: 12

Candidate Starts for Usavi_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Vaishali24_12 Start: 11274, Stop: 12077, Start Num: 12

Candidate Starts for Vaishali24_12:

(Start: 12 @11274 has 338 MA's), (18, 11295), (23, 11307), (27, 11319), (57, 11481), (69, 11550), (79, 11598), (92, 11670), (104, 11715), (108, 11739), (121, 11790), (140, 11844), (150, 11901), (160, 11940),

Gene: Valjean_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Valjean_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Vaticameos_13 Start: 11306, Stop: 12103, Start Num: 12

Candidate Starts for Vaticameos_13:

(Start: 12 @11306 has 338 MA's), (18, 11327), (23, 11339), (27, 11351), (57, 11513), (69, 11582), (79, 11630), (92, 11702), (104, 11747), (108, 11771), (121, 11822), (140, 11876), (150, 11933), (160, 11972),

Gene: Veritas_12 Start: 11149, Stop: 11946, Start Num: 12

Candidate Starts for Veritas_12:

(Start: 12 @11149 has 338 MA's), (18, 11170), (23, 11182), (27, 11194), (69, 11425), (79, 11473), (92, 11545), (104, 11590), (108, 11614), (121, 11665), (140, 11719), (150, 11776), (160, 11815),

Gene: Vic9_17 Start: 14972, Stop: 15790, Start Num: 10

Candidate Starts for Vic9_17:

(Start: 10 @14972 has 33 MA's), (Start: 44 @15116 has 2 MA's), (45, 15122), (66, 15251), (67, 15257), (80, 15317), (87, 15356), (94, 15395), (105, 15434), (131, 15530), (142, 15578), (150, 15620), (159, 15656), (173, 15722),

Gene: Viceroy_25 Start: 15389, Stop: 16123, Start Num: 24

Candidate Starts for Viceroy_25:

(Start: 19 @15380 has 1 MA's), (Start: 24 @15389 has 38 MA's), (37, 15449), (52, 15542), (70, 15641), (106, 15803), (118, 15851), (124, 15872), (147, 15971),

Gene: Vincenzo_14 Start: 14119, Stop: 14907, Start Num: 12

Candidate Starts for Vincenzo_14:

(Start: 12 @14119 has 338 MA's), (21, 14140), (23, 14143), (27, 14155), (68, 14386), (69, 14389), (82, 14458), (86, 14479), (92, 14509), (109, 14593), (121, 14641), (150, 14752), (161, 14794), (170, 14836), (181, 14884),

Gene: VioletZ_13 Start: 13349, Stop: 14143, Start Num: 12

Candidate Starts for VioletZ_13:

(Start: 12 @13349 has 338 MA's), (18, 13370), (Start: 44 @13481 has 2 MA's), (67, 13619), (79, 13673), (82, 13694), (86, 13715), (88, 13721), (105, 13808), (115, 13850), (142, 13946), (143, 13949), (150, 13988), (161, 14030), (170, 14072), (181, 14120),

Gene: Virapocalypse_13 Start: 11600, Stop: 12397, Start Num: 12

Candidate Starts for Virapocalypse_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Virgeve_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Virgeve_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Vista_13 Start: 11605, Stop: 12402, Start Num: 12

Candidate Starts for Vista_13:

(Start: 12 @11605 has 338 MA's), (18, 11626), (23, 11638), (27, 11650), (57, 11812), (69, 11881), (79, 11929), (92, 12001), (104, 12046), (108, 12070), (121, 12121), (140, 12175), (150, 12232), (160, 12271),

Gene: Vivaldi_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for Vivaldi_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: Vortex_13 Start: 11310, Stop: 12113, Start Num: 12

Candidate Starts for Vortex_13:

(Start: 12 @11310 has 338 MA's), (18, 11331), (23, 11343), (27, 11355), (57, 11517), (69, 11586), (79, 11634), (92, 11706), (104, 11751), (108, 11775), (121, 11826), (140, 11880), (150, 11937), (160, 11976),

Gene: Waleliano_13 Start: 13346, Stop: 14140, Start Num: 12

Candidate Starts for Waleliano_13:

(Start: 12 @13346 has 338 MA's), (18, 13367), (23, 13379), (Start: 44 @13478 has 2 MA's), (67, 13616), (79, 13670), (82, 13691), (86, 13712), (88, 13718), (92, 13742), (105, 13805), (115, 13847), (142, 13943), (150, 13985), (161, 14027), (170, 14069), (181, 14117),

Gene: Wallhey_12 Start: 11161, Stop: 11958, Start Num: 12

Candidate Starts for Wallhey_12:

(Start: 12 @11161 has 338 MA's), (18, 11182), (23, 11194), (27, 11206), (69, 11437), (79, 11485), (92, 11557), (104, 11602), (108, 11626), (121, 11677), (140, 11731), (150, 11788), (160, 11827),

Gene: Waterdiva_13 Start: 11603, Stop: 12400, Start Num: 12

Candidate Starts for Waterdiva_13:

(Start: 12 @11603 has 338 MA's), (18, 11624), (23, 11636), (27, 11648), (69, 11879), (79, 11927), (92, 11999), (104, 12044), (108, 12068), (121, 12119), (140, 12173), (150, 12230), (160, 12269),

Gene: Wayne3_27 Start: 16354, Stop: 17088, Start Num: 24

Candidate Starts for Wayne3_27:

(Start: 19 @16345 has 1 MA's), (Start: 24 @16354 has 38 MA's), (37, 16414), (52, 16507), (70, 16606), (106, 16768), (118, 16816), (124, 16837), (147, 16936),

Gene: Weher20_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for Weher20_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: West99_16 Start: 14652, Stop: 15470, Start Num: 10

Candidate Starts for West99_16:

(Start: 10 @14652 has 33 MA's), (Start: 44 @14796 has 2 MA's), (Start: 58 @14877 has 1 MA's), (66, 14931), (67, 14937), (80, 14997), (87, 15036), (94, 15075), (105, 15114), (131, 15210), (142, 15258), (150, 15300), (159, 15336), (173, 15402),

Gene: Wheelie_25 Start: 15705, Stop: 16439, Start Num: 24

Candidate Starts for Wheelie_25:

(Start: 19 @15696 has 1 MA's), (Start: 24 @15705 has 38 MA's), (37, 15765), (52, 15858), (70, 15957), (106, 16119), (118, 16167), (124, 16188), (147, 16287),

Gene: Wilca_25 Start: 14837, Stop: 15583, Start Num: 24

Candidate Starts for Wilca_25:

(Start: 19 @14828 has 1 MA's), (Start: 24 @14837 has 38 MA's), (87, 15164), (116, 15287), (118, 15296), (139, 15371), (141, 15386), (169, 15524), (171, 15533), (180, 15569),

Gene: Windsor_12 Start: 11263, Stop: 12066, Start Num: 12

Candidate Starts for Windsor_12:

(Start: 12 @11263 has 338 MA's), (18, 11284), (23, 11296), (27, 11308), (57, 11470), (69, 11539), (79, 11587), (92, 11659), (104, 11704), (108, 11728), (121, 11779), (140, 11833), (150, 11890), (160, 11929),

Gene: Wooper_14 Start: 13117, Stop: 13890, Start Num: 12

Candidate Starts for Wooper_14:

(Start: 12 @13117 has 338 MA's), (Start: 44 @13249 has 2 MA's), (88, 13480), (103, 13546), (105, 13555), (142, 13699), (170, 13825), (172, 13840),

Gene: Xavier_12 Start: 11309, Stop: 12112, Start Num: 12

Candidate Starts for Xavier_12:

(Start: 12 @11309 has 338 MA's), (18, 11330), (23, 11342), (27, 11354), (57, 11516), (69, 11585), (79, 11633), (92, 11705), (104, 11750), (108, 11774), (121, 11825), (140, 11879), (150, 11936), (160, 11975),

Gene: Xincheng_13 Start: 13170, Stop: 13964, Start Num: 12

Candidate Starts for Xincheng_13:

(Start: 12 @13170 has 338 MA's), (18, 13191), (23, 13203), (35, 13257), (Start: 44 @13302 has 2 MA's), (67, 13440), (79, 13494), (82, 13515), (86, 13536), (88, 13542), (92, 13566), (105, 13629), (115, 13671), (142, 13767), (143, 13770), (150, 13809), (161, 13851), (170, 13893), (181, 13941),

Gene: Yago84_12 Start: 11977, Stop: 12759, Start Num: 12

Candidate Starts for Yago84_12:

(Start: 12 @11977 has 338 MA's), (23, 12016), (36, 12070), (80, 12310), (84, 12334), (116, 12472), (120, 12493), (145, 12589), (149, 12610), (153, 12628), (161, 12655), (178, 12736),

Gene: Yahalom_15 Start: 13152, Stop: 13961, Start Num: 11

Candidate Starts for Yahalom_15:

(Start: 11 @13152 has 45 MA's), (32, 13215), (Start: 44 @13278 has 2 MA's), (60, 13374), (67, 13422), (69, 13428), (79, 13476), (92, 13548), (99, 13578), (105, 13599), (119, 13659), (126, 13680), (142, 13746), (172, 13887), (173, 13890),

Gene: Yeti_28 Start: 15679, Stop: 16509, Start Num: 20

Candidate Starts for Yeti_28:

(Start: 20 @15679 has 43 MA's), (Start: 44 @15790 has 2 MA's), (Start: 58 @15862 has 1 MA's), (69, 15922), (94, 16072), (100, 16099), (104, 16123), (106, 16138), (116, 16177), (118, 16186), (120, 16198), (167, 16420), (180, 16474),

Gene: Yinz_15 Start: 13179, Stop: 13988, Start Num: 11

Candidate Starts for Yinz_15:

(Start: 11 @13179 has 45 MA's), (32, 13242), (Start: 44 @13305 has 2 MA's), (60, 13401), (67, 13449), (69, 13455), (79, 13503), (92, 13575), (99, 13605), (102, 13608), (105, 13626), (119, 13686), (126, 13707), (142, 13773), (172, 13914), (173, 13917),

Gene: Yoshand_13 Start: 11600, Stop: 12403, Start Num: 12

Candidate Starts for Yoshand_13:

(Start: 12 @11600 has 338 MA's), (18, 11621), (23, 11633), (27, 11645), (57, 11807), (69, 11876), (79, 11924), (92, 11996), (104, 12041), (108, 12065), (121, 12116), (140, 12170), (150, 12227), (160, 12266),

Gene: YouGoGlencoco_13 Start: 11599, Stop: 12396, Start Num: 12

Candidate Starts for YouGoGlencoco_13:

(Start: 12 @11599 has 338 MA's), (18, 11620), (23, 11632), (27, 11644), (57, 11806), (69, 11875), (79, 11923), (92, 11995), (104, 12040), (108, 12064), (121, 12115), (140, 12169), (150, 12226), (160, 12265),

Gene: Zagie_26 Start: 15893, Stop: 16627, Start Num: 24

Candidate Starts for Zagie_26:

(Start: 19 @15884 has 1 MA's), (Start: 24 @15893 has 38 MA's), (37, 15953), (52, 16046), (70, 16145), (106, 16307), (118, 16355), (124, 16376), (147, 16475), (154, 16502),

Gene: Zaider_14 Start: 11832, Stop: 12629, Start Num: 12

Candidate Starts for Zaider_14:

(Start: 12 @11832 has 338 MA's), (18, 11853), (23, 11865), (27, 11877), (57, 12039), (69, 12108), (79, 12156), (92, 12228), (104, 12273), (108, 12297), (121, 12348), (140, 12402), (150, 12459), (160, 12498),

Gene: Zelda_13 Start: 11602, Stop: 12399, Start Num: 12

Candidate Starts for Zelda_13:

(Start: 12 @11602 has 338 MA's), (18, 11623), (23, 11635), (27, 11647), (57, 11809), (69, 11878), (79, 11926), (92, 11998), (104, 12043), (108, 12067), (121, 12118), (140, 12172), (150, 12229), (160, 12268),

Gene: Zemanar_14 Start: 13346, Stop: 14140, Start Num: 12

Candidate Starts for Zemanar_14:

(Start: 12 @13346 has 338 MA's), (18, 13367), (23, 13379), (Start: 44 @13478 has 2 MA's), (67, 13616), (79, 13670), (82, 13691), (86, 13712), (88, 13718), (92, 13742), (105, 13805), (115, 13847), (142, 13943), (150, 13985), (161, 14027), (170, 14069), (181, 14117),

Gene: Zenteno07_18 Start: 12750, Stop: 13520, Start Num: 16

Candidate Starts for Zenteno07_18:

(Start: 16 @12750 has 2 MA's), (18, 12762), (Start: 44 @12870 has 2 MA's), (45, 12876), (57, 12948), (68, 13014), (105, 13191), (150, 13371), (161, 13413), (170, 13455), (181, 13503),

Gene: Zhafia_29 Start: 16216, Stop: 16950, Start Num: 24

Candidate Starts for Zhafia_29:

(Start: 19 @16207 has 1 MA's), (Start: 24 @16216 has 38 MA's), (37, 16276), (52, 16369), (70, 16468), (106, 16630), (118, 16678), (124, 16699), (147, 16798),

Gene: Zonia_13 Start: 11616, Stop: 12413, Start Num: 12

Candidate Starts for Zonia_13:

(Start: 12 @11616 has 338 MA's), (18, 11637), (23, 11649), (27, 11661), (69, 11892), (79, 11940), (92, 12012), (104, 12057), (108, 12081), (121, 12132), (140, 12186), (150, 12243), (160, 12282),