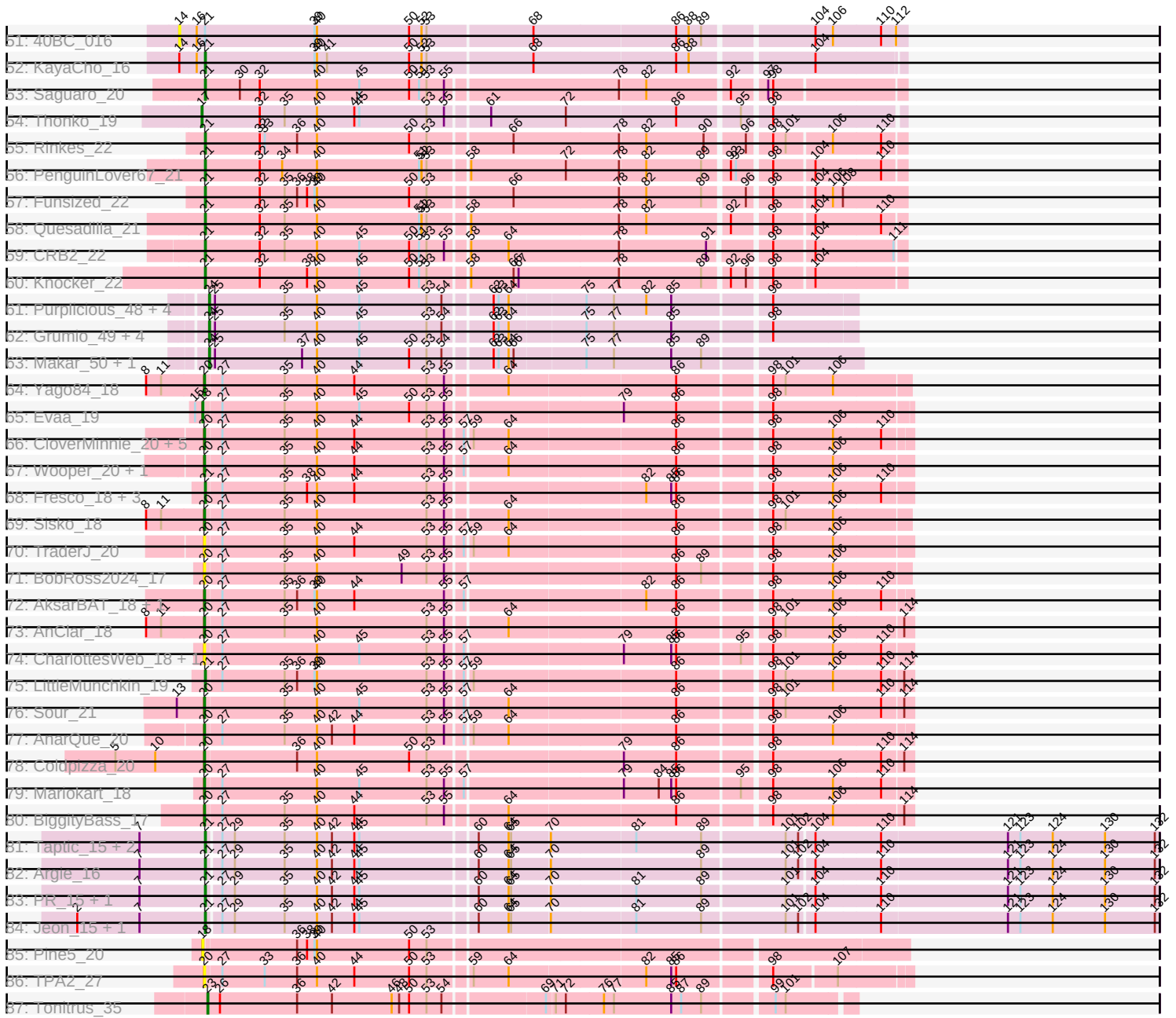


1. Caterpie_16	27	59	89	40	45	88	80	85	74	80	95	101	112
2. Sejanus_17 + 4	27	59	89	40	45	88	80	85	74	80	95	101	112
3. Causa_27	27	59	89	40	45	88	80	85	74	80	95	101	112
4. StAugustine_25	27	59	89	40	45	88	80	85	74	80	95	101	112
5. Soto_18 + 287	27	59	89	40	45	88	80	85	74	80	95	101	112
6. Struggle_17 + 21	27	59	89	40	45	88	80	85	74	80	95	101	112
7. Spartan300_18 + 2	27	59	89	40	45	88	80	85	74	80	95	101	112
8. Eremos_18	27	59	89	40	45	88	80	85	74	80	95	101	112
9. Phareon_18	27	59	89	40	45	88	80	85	74	80	95	101	112
10. Imvubu_15	27	59	89	40	45	88	80	85	74	80	95	101	112
11. Indiovu_18	27	59	89	40	45	88	80	85	74	80	95	101	112
12. LmVcDreamy_18	27	59	89	40	45	88	80	85	74	80	95	101	112
13. Zenteno07_23 + 1	27	59	89	40	45	88	80	85	74	80	95	101	112
14. BirdsNest_23	27	59	89	40	45	88	80	85	74	80	95	101	112
15. Hashim76_23	27	59	89	40	45	88	80	85	74	80	95	101	112
16. Phantasmagoria_21 + 15	27	59	89	40	45	88	80	85	74	80	95	101	112
17. Ares_21 + 15	27	59	89	40	45	88	80	85	74	80	95	101	112
18. Allegro_21 + 11	27	59	89	40	45	88	80	85	74	80	95	101	112
19. Faze9_21 + 2	27	59	89	40	45	88	80	85	74	80	95	101	112
20. Godines_21	27	59	89	40	45	88	80	85	74	80	95	101	112
21. Holeinone_21	27	59	89	40	45	88	80	85	74	80	95	101	112
22. ItsyBitsy1_21	27	59	89	40	45	88	80	85	74	80	95	101	112
23. Mulaychimus_21 + 55	27	59	89	40	45	88	80	85	74	80	95	101	112
24. BobbyK_18 + 7	27	59	89	40	45	88	80	85	74	80	95	101	112
25. Xincheng_18	27	59	89	40	45	88	80	85	74	80	95	101	112
26. Haily898_17 + 11	27	59	89	40	45	88	80	85	74	80	95	101	112
27. Zemanar_19 + 5	27	59	89	40	45	88	80	85	74	80	95	101	112
28. Violet2_18 + 3	27	59	89	40	45	88	80	85	74	80	95	101	112
29. JaguarW1_19	27	59	89	40	45	88	80	85	74	80	95	101	112
30. Nigel_16	27	59	89	40	45	88	80	85	74	80	95	101	112
31. AlanGrant_19 + 1	27	59	89	40	45	88	80	85	74	80	95	101	112
32. Cooper_18 + 1	27	59	89	40	45	88	80	85	74	80	95	101	112
33. Singer_16	27	59	89	40	45	88	80	85	74	80	95	101	112
34. Fanaw_18	27	59	89	40	45	88	80	85	74	80	95	101	112
35. Heath_18	27	59	89	40	45	88	80	85	74	80	95	101	112
36. Rita130_20 + 4	27	59	89	40	45	88	80	85	74	80	95	101	112
37. Phetrich_20	27	59	89	40	45	88	80	85	74	80	95	101	112
38. Nehemiah_19 + 1	27	59	89	40	45	88	80	85	74	80	95	101	112
39. StinkyVeggy_22 + 0	27	59	89	40	45	88	80	85	74	80	95	101	112
40. SirJeffery_20	27	59	89	40	45	88	80	85	74	80	95	101	112
41. Shenyu_20 + 1	27	59	89	40	45	88	80	85	74	80	95	101	112
42. Rich_20	27	59	89	40	45	88	80	85	74	80	95	101	112
43. Baee_20	27	59	89	40	45	88	80	85	74	80	95	101	112
44. Eastview101_20	27	59	89	40	45	88	80	85	74	80	95	101	112
45. Serendipitous_20	27	59	89	40	45	88	80	85	74	80	95	101	112
46. Dignity_21	27	59	89	40	45	88	80	85	74	80	95	101	112
47. Reprobate_20	27	59	89	40	45	88	80	85	74	80	95	101	112
48. 39AC_016	27	59	89	40	45	88	80	85	74	80	95	101	112
49. Hosp_014	27	59	89	40	45	88	80	85	74	80	95	101	112
50. ForDig_16 + 1	27	59	89	40	45	88	80	85	74	80	95	101	112



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 304587 Report

This analysis was run 06/08/26 on database version 649.

Pham number 304587 has 548 members, 75 are drafts.

Phages represented in each track:

- Track 1 : Caterpie_16
- Track 2 : Sejanus_17, Mao1_16, Dori_17, Mask_17, JohnLord_17
- Track 3 : Causa_27
- Track 4 : StAugustine_25
- Track 5 : Soto_18, Phergie_17, TallGrassMM_18, Zaider_19, HenryJackson_17, BlackStallion_18, Gyarad_0018, Puhltonio_18, Cornobble_17, Fringe_18, FugateOSU_17, Numberten_18, JacAttac_18, Lulumae_17, Phamished_18, Carthage_17, NiaNia_18, Doddsville_18, OliverWalter_18, Andre_18, HSavage_18, Gwilliam_18, Dione_17, Mesmerelda_17, Yoshand_18, Virgeve_17, Etaye_18, Toni_17, Suffolk_18, Plmatters_18, Newman_18, Simielle_17, Melc17_18, Khan1_18, Hocus_17, CheetO_18, Hartsy_18, Nacho_0018, JakeO_17, QueenBeane_18, Piglet_0017, AbsoluteMadLad_17, CamL_18, Morty_18, Daffy_18, Chuni_17, Antonia_17, Roscoe_19, Weher20_18, DelRivs_17, ABU_18, Mosaic_17, Windsor_17, TooFast2Furius_19, KlimbOn_18, BlueHusk_18, SallyH_18, Hamish_18, Mikota_18, ShadowBud_18, Vista_18, PhenghisKhan_17, Rimu_18, ThreeOh3D2_18, Grand2040_17, Sophia_17, ImtiyazSitla_17, DonSanchon_17, Solosis_17, Mutante_17, Jesabah_18, Crownjwl_18, Kikipoo_18, Aonishiki_18, PhrankReynolds_17, Vaishali24_17, Maru_17, Anderson_18, Serendipity_18, Roy17_18, Aelin_17, BlacksBerry_17, Maskar_17, Inchworm_18, Placalicious_17, Olive_18, Swish_18, Gwennie1_18, Haimas_18, Flake_18, DirtJuice_18, HighStump_17, Oline_17, Jiraiya_17, Pherdinand_18, Riverton_18, DuchessDung_17, Orwigg_17, Chorkpop_18, Hetaeria_18, Surely_18, Nicole21_18, Phleuron_17, Slatt_18, Derpp_17, Orfeu_17, KLucky39_18, Burr_17, Virapocalypse_18, Selr12_18, Chipette_19, DaddyDaniels_18, MrPhizzler_18, Waterdiva_18, UncleHowie_18, Pipsqueak_18, Childish_17, IsaacEli_18, MiniBoss_18, Ricotta_17, Apizium_17, Soile_18, LuckyMarjie_17, Duggie_17, Prickles_18, MichaelPhcott_17, Schueller_17, Horchata_18, Iridessa_18, Kailash_18, PallasAthena_18, RedRaider89_19, FluffyNinja_18, Morgushi_18, Mana_17, Magic8_18, Boehler_18, TyrionL_17, MitKao_18, Olak_17, FleetyMac_17, DoesntMatter_18, JangoPhett_18, Riggan_18, SDcharge11_18, Durga_18, Sigman_18, Mulan_17, Bishoperium_17, Mecca_17, Mcshane_17, Mesh1_18, Happabalu_18, Fang_18, Labeouficaum_17, TomBombadil_18, Quisquilliae_18, Phipps_18, Craff_18, Kwadwo_17, Manad_17, PhrodoBaggins_17, Buckeye_18, Gareth_17, Chute_17, Vivaldi_18, JDog_17, GreenChile_18, Beaglebox_17, UAch1_18, Mag7_17, Robyn_17, Cannibal_18, FriarPreacher_18, Bluephacebaby_17, Podrick_18, Lasso_18, Scoot17C_18, Ashraf_17, Gophee_18, Lopsy_17, Samaymay_18, OSmaximus_18, Schadenfreude_17, Dati_18, Scrick_17,

Haleema_17, RedMaple_17, ProfessorX_18, Chaelin_17, Orion_18, AltPhacts_18, BoogieWoogie_17, Xavier_17, Lulwa_18, SassyCat97_17, Emiris_18, Charles1_18, Megatron_18, Cobra_18, PG1_18, Vortex_18, AngelCake_18, Telesworld_17, Omniscient_18, Giraffe_18, LeeLot_18, Murdoc_18, Iridoclysis_18, Vaticameos_18, KingTut_17, DolOn_19, HogWash_17, PinheadLarry_18, Potter_17, Pops_18, Chunky_18, OneBrain_18, Longacauda_17, Held_18, Lego3393_18, FremontTroll_18, Dingo_18, CampRoach_18, Kimbrough_18, Lumine_17, Oosterbaan_18, Roliet_18, Harvey_18, Legolas_17, Matalotodo_18, Nyala_17, Tomlarah_18, True_17, LemonSlice_18, Timmi_17, SilverBell_18, Triad_18, Hertubise_18, Inverness_18, Fozzie_17, Zelda_18, LostAndPhound_17, Thunderbird_17, SirBeauregard_17, Badfish_18, MRabcd_17, Thora_18, Adriana_18, Larson_19, Squid_18, LasagnaCat_18, Altwerkus_17, Frankicide_18, Hekos_17, Basato_19, Cornbread_17, Dice_17, Katniss_18, Daka_18, Freya_17, Jillium_17, Tooj_18, Cher_17, Serpentine_0018, Colbert_18, Banjo_17, Brilliant_18, Veritas_17, Skippy_18, LeMonet_18, Kahve_17, Usavi_18, Coletti_18, YouGoGlencoco_18, Squiggle_18, Phunky_18, ShiVal_18, Cosmolli16_17, Eugenia_18, Kloppinator_18, Lehmann_18, Chah_18, KingVeVeVe_18, Megamind20_18, Nathan_18, Pacifista_17, PhatCats2014_18

- Track 6 : Struggle_17, Karn_17, Keitherie_18, CharlieGBrown_17, BatteryCK_17, Taraxa_18, MelsMeow_17, Wallhey_17, Kwksand96_17, Sheila_18, Pinkman_17, PhatLouie_18, GeneCoco_18, Caspiroi_17, Jiminy_17, Zonia_18, Aleia_18, Trypo_18, Plata_17, Swiphy_18, Nova1_17, ElvisPhasley_18
- Track 7 : Spartan300_18, Valjean_18, EmpTee_18
- Track 8 : Eremos_18
- Track 9 : Phareon_18
- Track 10 : Imvubu_15
- Track 11 : Indlovu_18
- Track 12 : LilMcDreamy_18
- Track 13 : Zenteno07_23, LittleMinkey_24
- Track 14 : BirdsNest_23
- Track 15 : Hashim76_23
- Track 16 : Phantasmagoria_21, LizLemon_21, Arbiter_21, Qyrzula_20
- Track 17 : Ares_21, Sabella_21, Brownie5_21, Glass_21, Kheth_21, Rosebush_21, Lars_21, West99_21, Opia_21, Boyle_21, LilSmirk_21, Tres_21, MasterPo_21, Tinciduntolum_22, Hedgerow_21, Blocker23_21
- Track 18 : Allegro_21, Coffee_21, Kaleb_21, TA17A_21, Calamitous_21, Rhinoforte_21, Laurie_21, Bananafish_21, Vic9_00021, Eaglehorse_21, Lephleur_21, PrinceCharming_21
- Track 19 : Faze9_21, Kolhan_21, FrenchFry_21
- Track 20 : Godines_21
- Track 21 : Holeinone_21
- Track 22 : ItsyBitsy1_21
- Track 23 : Mulaychimus_21, Bernardo_21, Baloo_21, Briakila_21, OrangeOswald_21, Phlyer_21, Phayeta_21, SwainyDoc_21, Ben11_20, TinyTerror_21, Olivio_20, LestyG_21, Jackstina_20, MmasiCarm_21, Yinz_21, SlippinJimmy_21, Phaedruss_20, Chalmers_21, GlenHope_22, RomaT_21, Chentzyk_20, Audrey_21, Rita1961_21, Pipefish_21, ChaChing_21, Athena_22, Glubnar_22, Neos5_21, Marlia_21, Deenasa_21, Yahalom_21, Corofin_21, Tydolla_21, HarveySr_21, Marley1013_21, Devonte_21, Daisy_21, Heathcliff_21, RagingRooster_21, Akoma_21, Philly_20, Kronus_20, Halfpint_20, Chandler_21, Abinghost_21, Gadjet_22, Nozo_21, Obutu_21, Gervas_21, Morty007_21, Compostia_22, Shenandoah_21, Mortcellus_20, SynergyX_21, Casbah_20, Kamiyu_21

- Track 24 : BobbyK_18, Austelle_19, Fortunato_18, Apex_18, Frederick_18, Mudslide_18, RawrgerThat_18, Prince_18
- Track 25 : Xincheng_18
- Track 26 : Hally898_17, Lambano_17, ChrisnMich_17, Nanao_17, Epah_17, Poster_17, Antihero_17, GinPorsche_17, LittleDigger_17, Renkei_17, Ahwei_17, JAMaL_18
- Track 27 : Zemanar_19, JoyceMaria_18, Mithril_18, Hangman_18, Waleliano_18, BrownCNA_19
- Track 28 : VioletZ_18, Lolalove_18, Magpie_18, Hydro_18
- Track 29 : JaguarMi_19
- Track 30 : Nigel_16
- Track 31 : AlanGrant_19, Vincenzo_19
- Track 32 : Cooper_18, QueenPie_18
- Track 33 : Stinger_16
- Track 34 : Fanaw_18
- Track 35 : Heath_18
- Track 36 : Rita130_20, Acadian_20, Reccee_20, Donny_20, Suigeneris_20
- Track 37 : Phelemich_20
- Track 38 : Nehemiah_19, Mysterious_20
- Track 39 : StinkyVeggy_22, KarasumaRum_22
- Track 40 : SirJeffery_20
- Track 41 : Shenyu_20, Nangang_20
- Track 42 : Rich_20
- Track 43 : Baee_20
- Track 44 : EastView9101_20
- Track 45 : Serendipitous_20
- Track 46 : DigitDog_21
- Track 47 : Reprobate_20
- Track 48 : 39HC_016
- Track 49 : Hosp_014
- Track 50 : ForDig_16, Jolie1_016
- Track 51 : 40BC_016
- Track 52 : KayaCho_16
- Track 53 : Saguaro_20
- Track 54 : Thonko_19
- Track 55 : Rinkes_22
- Track 56 : PenguinLover67_21
- Track 57 : Funsized_22
- Track 58 : Quesadilla_21
- Track 59 : CRB2_22
- Track 60 : Knocker_22
- Track 61 : Purplicious_48, ColdSoup_50, Stillion_49, Jollymon_49, Amo99_50
- Track 62 : Grumio_49, KingstonB_50, Sting_48, DonTron_49, Soos_45
- Track 63 : Makar_50, Clawz_49
- Track 64 : Yago84_18
- Track 65 : Evaa_19
- Track 66 : CloverMinnie_20, Blackpen_20, CaiB_20, MakoManhole_20, MossRose_20, FelixTres_20
- Track 67 : Wooper_20, Yeshua_20
- Track 68 : Fresco_18, Axumite_18, Shatter_18, Ligma_18
- Track 69 : Sisko_18
- Track 70 : TraderJ_20
- Track 71 : BobRoss2024_17

- Track 72 : AksarBAT_18, NHagos_18
- Track 73 : AnClar_18
- Track 74 : CharlottesWeb_18, JellyBelly_18
- Track 75 : LittleMunchkin_19
- Track 76 : Sour_21
- Track 77 : AnarQue_20
- Track 78 : Coldpizza_20
- Track 79 : Mariokart_18
- Track 80 : BiggityBass_17
- Track 81 : Taptic_15, Megabear_15, Cepens_15
- Track 82 : Argie_16
- Track 83 : PR_15, D12_15
- Track 84 : Jeon_15, GodPhather_16
- Track 85 : Pine5_20
- Track 86 : TPA2_27
- Track 87 : Tonitrus_35

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

The start number called the most often in the published annotations is 19, it was called in 291 of the 473 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• ABU_18, AbsoluteMadLad_17, Adriana_18, Aelin_17, Aleia_18, AltPhacts_18, Altwerkus_17, Anderson_18, Andre_18, AngelCake_18, Antonia_17, Aonishiki_18, Apizium_17, Ashraf_17, Badfish_18, Banjo_17, Basato_19, BatteryCK_17, Beaglebox_17, BirdsNest_23, Bishoperium_17, BlackStallion_18, BlacksBerry_17, BlueHusk_18, Bluephacebaby_17, Boehler_18, BoogieWoogie_17, Brilliant_18, Buckeye_18, Burr_17, CamL_18, CampRoach_18, Cannibal_18, Carthage_17, Caspiboï_17, Chaelin_17, Chah_18, Charles1_18, CharlieGBrown_17, CheetO_18, Cher_17, Childish_17, Chipette_19, Chorkpop_18, Chuni_17, Chunky_18, Chute_17, Cobra_18, Colbert_18, Coletti_18, Cornbread_17, Cornobble_17, Cosmolli16_17, Craff_18, Crownjwl_18, DaddyDaniels_18, Daffy_18, Daka_18, Dati_18, DelRivs_17, Derpp_17, Dice_17, Dingo_18, Dione_17, DirtJuice_18, Doddsville_18, DoesntMatter_18, DolOn_19, DonSanchon_17, DuchessDung_17, Duggie_17, Durga_18, ElvisPhasley_18, Emiris_18, EmpTee_18, Eremos_18, Etaye_18, Eugenia_18, Fang_18, Flake_18, FleetyMac_17, FluffyNinja_18, Fozzie_17, Frankicide_18, FremontTroll_18, Freya_17, FriarPreacher_18, Fringe_18, FugateOSU_17, Gareth_17, GeneCoco_18, Giraffe_18, Gophee_18, Grand2040_17, GreenChile_18, Gwennie1_18, Gwilliam_18, Gyarad_0018, HSavage_18, Haimas_18, Haleema_17, Hamish_18, Happabalu_18, Hartsy_18, Harvey_18, Hashim76_23, Hekos_17, Held_18, HenryJackson_17, Hertubise_18, Hetaeria_18, HighStump_17, Hocus_17, HogWash_17, Horchata_18, ImtiyazSitla_17, Inchworm_18, Inverness_18, Iridessa_18, Iridoclysis_18, IsaacEli_18, JDog_17, JacAttac_18, JakeO_17, JangoPhett_18, Jesabah_18, Jillium_17, Jiminy_17, Jiraiya_17, KLUcky39_18, Kahve_17, Kailash_18, Karn_17, Katniss_18, Keitherie_18, Khan1_18, Kikipoo_18, Kimbrough_18, KingTut_17, KingVeVeVe_18, KlimbOn_18, Kloppinator_18, Kwadwo_17, Kwksand96_17, Labeouficaum_17, Larson_19, LasagnaCat_18, Lasso_18, LeeLot_18, Lego3393_18, Legolas_17, Lehmann_18, LeiMonet_18, LemonSlice_18, LittleMinkey_24, Longacauda_17, Lopsy_17,

LostAndPhound_17, LuckyMarjie_17, Lulumae_17, Lulwa_18, Lumine_17, MRabcd_17, Mag7_17, Magic8_18, Mana_17, Manad_17, Maru_17, Maskar_17, Matalotodo_18, Mcshane_17, Mecca_17, Megamind20_18, Megatron_18, Melc17_18, MelsMeow_17, Mesh1_18, Mesmerelda_17, MichaelPhcott_17, Mikota_18, MiniBoss_18, MitKao_18, Morgushi_18, Morty_18, Mosaic_17, MrPhizzler_18, Mulan_17, Murdoc_18, Mutante_17, Nacho_0018, Nathan_18, Newman_18, NiaNia_18, Nicole21_18, Nova1_17, Numberten_18, Nyala_17, OSmaximus_18, Olak_17, Oline_17, Olive_18, OliverWalter_18, Omniscient_18, OneBrain_18, Oosterbaan_18, Orfeu_17, Orion_18, Orwigg_17, PG1_18, Pacifista_17, PallasAthena_18, Phamished_18, Phareon_18, PhatCats2014_18, PhatLouie_18, PhenghisKhan_17, Pherdinand_18, Phergie_17, Phipps_18, Phleuron_17, PhrankReynolds_17, PhrodoBaggins_17, Phunky_18, Piglet_0017, PinheadLarry_18, Pinkman_17, Pipsqueak_18, Placalicious_17, Plata_17, Plmatters_18, Podrick_18, Pops_18, Potter_17, Prickles_18, ProfessorX_18, Puhltonio_18, QueenBeane_18, Quisquilliae_18, RedMaple_17, RedRaider89_19, Ricotta_17, Riggan_18, Rimu_18, Riverton_18, Robyn_17, Roliet_18, Roscoe_19, Roy17_18, SDcharge11_18, SallyH_18, Samaymay_18, SassyCat97_17, Schadenfreude_17, Schueller_17, Scoot17C_18, Scrick_17, Selr12_18, Serendipity_18, Serpentine_0018, ShadowBud_18, Sheila_18, ShiVal_18, Sigman_18, SilverBell_18, Simielle_17, SirBeauregard_17, Skippy_18, Slatt_18, Soile_18, Solosis_17, Sophia_17, Soto_18, Spartan300_18, Squid_18, Squiggle_18, Struggle_17, Suffolk_18, Surely_18, Swiphy_18, Swish_18, TallGrassMM_18, Taraxa_18, Telesworld_17, Thora_18, ThreeOh3D2_18, Thunderbird_17, Timmi_17, TomBombadil_18, TomLarah_18, Toni_17, TooFast2Furious_19, Tooj_18, Triad_18, True_17, Trypo_18, TyrionL_17, UAch1_18, UncleHowie_18, Usavi_18, Vaishali24_17, Valjean_18, Vaticameos_18, Veritas_17, Virapocalypse_18, Virgeve_17, Vista_18, Vivaldi_18, Vortex_18, Wallhey_17, Waterdiva_18, Weher20_18, Windsor_17, Xavier_17, Yoshand_18, YouGoGlencoco_18, Zaider_19, Zelda_18, Zenteno07_23, Zonia_18,

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

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

• 39HC_016, 40BC_016, Abingghost_21, Acadian_20, Ahwei_17, Akoma_21, AksarBAT_18, AlanGrant_19, Allegro_21, Amo99_50, AnClar_18, AnarQue_20, Antihero_17, Apex_18, Arbiter_21, Ares_21, Argie_16, Athena_22, Audrey_21, Austelle_19, Axumite_18, Bae_20, Baloo_21, Bananafish_21, Ben11_20, Bernardo_21, BiggityBass_17, Blackpen_20, Blocker23_21, BobRoss2024_17, BobbyK_18, Boyle_21, Briakila_21, BrownCNA_19, Brownie5_21, CRB2_22, CaiB_20, Calamitous_21, Casbah_20, Caterpie_16, Causa_27, Cepens_15, ChaChing_21, Chalmers_21, Chandler_21, CharlottesWeb_18, Chentzyk_20, ChrisnMich_17, Clawz_49, CloverMinnie_20, Coffee_21, ColdSoup_50, Coldpizza_20, Compostia_22, Cooper_18, Corofin_21, D12_15, Daisy_21, Deenasa_21, Devonte_21, DigitDog_21, DonTron_49, Donny_20, Dori_17, Eaglehorse_21, EastView9101_20, Epah_17, Evaa_19, Fanaw_18, Faze9_21, FelixTres_20, ForDig_16, Fortunato_18, Frederick_18, FrenchFry_21, Fresco_18, Funsized_22, Gadget_22, Gervas_21, GinPorsche_17, Glass_21, GlenHope_22, Glubnar_22, GodPhather_16, Godines_21, Grumio_49, Halfpint_20, Hally898_17, Hangman_18, HarveySr_21, Heath_18, Heathcliff_21, Hedgerow_21, Holeinone_21, Hosp_014, Hydro_18, Imvubu_15, Indlovu_18, ItsyBitsy1_21, JAMaL_18, Jackstina_20, JaguarMi_19, JellyBelly_18, Jeon_15, JohnLord_17, Jolie1_016, Jollymon_49, JoyceMaria_18, Kaleb_21, Kamiyu_21, KarasumaRum_22,

KayaCho_16, Kheth_21, KingstonB_50, Knocker_22, Kolhan_21, Kronus_20, Lambano_17, Lars_21, Laurie_21, Lephleur_21, LestyG_21, Ligma_18, LilMcDreamy_18, LilSmirk_21, LittleDigger_17, LittleMunchkin_19, LizLemon_21, Lolalove_18, Magpie_18, Makar_50, MakoManhole_20, Mao1_16, Mariokart_18, Marley1013_21, Marlia_21, Mask_17, MasterPo_21, Megabear_15, Mithril_18, MmasiCarm_21, Mortcellus_20, Morty007_21, MossRose_20, Mudslide_18, Mulaychimus_21, Mysterious_20, NHagos_18, Nanao_17, Nangang_20, Nehemiah_19, Neos5_21, Nigel_16, Nozo_21, Obutu_21, Olivio_20, Opia_21, OrangeOswald_21, PR_15, Penguin Lover67_21, Phaedrus_20, Phantasmagoria_21, Phayeta_21, Phelemich_20, Philly_20, Phlyer_21, Pine5_20, Pipefish_21, Poster_17, PrinceCharming_21, Prince_18, Purplicious_48, QueenPie_18, Quesadilla_21, Qyrzula_20, RagingRooster_21, RawrgerThat_18, Reccee_20, Renkei_17, Reprobate_20, Rhinoforte_21, Rich_20, Rinkes_22, Rita130_20, Rita1961_21, RomaT_21, Rosebush_21, Sabella_21, Saguaro_20, Sejanus_17, Serendipitous_20, Shatter_18, Shenandoah_21, Shenyu_20, SirJeffery_20, Sisko_18, SlippinJimmy_21, Soos_45, Sour_21, StAugustine_25, Stillion_49, Sting_48, Stinger_16, StinkyVeggy_22, Suigeneris_20, SwainyDoc_21, SynergyX_21, TA17A_21, TPA2_27, Taptic_15, Thonko_19, Tincidunt solum_22, TinyTerror_21, Tonitrus_35, TraderJ_20, Tres_21, Tydolla_21, Vic9_00021, Vincenzo_19, VioletZ_18, Waleliano_18, West99_21, Wooper_20, Xincheng_18, Yago84_18, Yahalom_21, Yeshua_20, Yinz_21, Zemanar_19,

Summary by start number:

Start 12:

- Found in 19 of 548 (3.5%) of genes in pham
- Manual Annotations of this start: 11 of 473
- Called 89.5% of time when present
- Phage (with cluster) where this start called: Acadian_20 (B5), Baee_20 (B5), DigitDog_21 (B5), Donny_20 (B5), EastView9101_20 (B5), Mysterious_20 (B5), Nangang_20 (B5), Nehemiah_19 (B5), Phelemich_20 (B5), Reccee_20 (B5), Reprobate_20 (B5), Rich_20 (B5), Rita130_20 (B5), Serendipitous_20 (B5), Shenyu_20 (B5), SirJeffery_20 (B5), Suigeneris_20 (B5),

Start 14:

- Found in 4 of 548 (0.7%) of genes in pham
- No Manual Annotations of this start.
- Called 25.0% of time when present
- Phage (with cluster) where this start called: 40BC_016 (B6),

Start 17:

- Found in 1 of 548 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 473
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Thonko_19 (B8),

Start 18:

- Found in 60 of 548 (10.9%) of genes in pham
- Manual Annotations of this start: 54 of 473
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Abinghost_21 (B3), Akoma_21 (B3), Athena_22 (B3), Audrey_21 (B3), Baloo_21 (B3), Ben11_20 (B3), Bernardo_21 (B3), Briakila_21 (B3), Casbah_20 (B3), Causa_27 (A1), ChaChing_21 (B3), Chalmers_21

(B3), Chandler_21 (B3), Chentzyk_20 (B3), Compostia_22 (B3), Corofin_21 (B3), Daisy_21 (B3), Deenasa_21 (B3), Devonte_21 (B3), Evaa_19 (DR), Gadjet_22 (B3), Gervas_21 (B3), GlenHope_22 (B3), Glubnar_22 (B3), Halfpint_20 (B3), HarveySr_21 (B3), Heathcliff_21 (B3), Jackstina_20 (B3), Kamiyu_21 (B3), Kronus_20 (B3), LestyG_21 (B3), Marley1013_21 (B3), Marlia_21 (B3), MmasiCarm_21 (B3), Mortcellus_20 (B3), Morty007_21 (B3), Mulaychimus_21 (B3), Neos5_21 (B3), Nozo_21 (B3), Obutu_21 (B3), Olivio_20 (B3), OrangeOswald_21 (B3), Phaedrus_20 (B3), Phayeta_21 (B3), Philly_20 (B3), Phlyer_21 (B3), Pine5_20 (singleton), Pipefish_21 (B3), RagingRooster_21 (B3), Rita1961_21 (B3), RomaT_21 (B3), Shenandoah_21 (B3), SlippinJimmy_21 (B3), StAugustine_25 (AI), SwainyDoc_21 (B3), SynergyX_21 (B3), TinyTerror_21 (B3), Tydolla_21 (B3), Yahalom_21 (B3), Yinz_21 (B3),

Start 19:

- Found in 319 of 548 (58.2%) of genes in pham
- Manual Annotations of this start: 291 of 473
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ABU_18 (B1), AbsoluteMadLad_17 (B1), Adriana_18 (B1), Aelin_17 (B1), Aleia_18 (B1), AltPhacts_18 (B1), Altwerkus_17 (B1), Anderson_18 (B1), Andre_18 (B1), AngelCake_18 (B1), Antonia_17 (B1), Aonishiki_18 (B1), Apizium_17 (B1), Ashraf_17 (B1), Badfish_18 (B1), Banjo_17 (B1), Basato_19 (B1), BatteryCK_17 (B1), Beaglebox_17 (B1), BirdsNest_23 (B13), Bishoperium_17 (B1), BlackStallion_18 (B1), BlacksBerry_17 (B1), BlueHusk_18 (B1), Bluephacebaby_17 (B1), Boehler_18 (B1), BoogieWoogie_17 (B1), Brilliant_18 (B1), Buckeye_18 (B1), Burr_17 (B1), CamL_18 (B1), CampRoach_18 (B1), Cannibal_18 (B1), Carthage_17 (B1), Caspiroi_17 (B1), Chaelin_17 (B1), Chah_18 (B1), Charles1_18 (B1), CharlieGBrown_17 (B1), CheetO_18 (B1), Cher_17 (B1), Childish_17 (B1), Chipette_19 (B1), Chorkpop_18 (B1), Chuni_17 (B1), Chunky_18 (B1), Chute_17 (B1), Cobra_18 (B1), Colbert_18 (B1), Coletti_18 (B1), Cornbread_17 (B1), Cornobble_17 (B1), Cosmolli16_17 (B1), Craff_18 (B1), Crownjwl_18 (B1), DaddyDaniels_18 (B1), Daffy_18 (B1), Daka_18 (B1), Dati_18 (B1), DeRivs_17 (B1), Derpp_17 (B1), Dice_17 (B1), Dingo_18 (B1), Dione_17 (B1), DirtJuice_18 (B1), Doddsville_18 (B1), DoesntMatter_18 (B1), DolOn_19 (B1), DonSancho_17 (B1), DuchessDung_17 (B1), Duggie_17 (B1), Durga_18 (B1), ElvisPhasley_18 (B1), Emiris_18 (B1), EmpTee_18 (B1), Eremos_18 (B1), Etaye_18 (B1), Eugenia_18 (B1), Fang_18 (B1), Flake_18 (B1), FleetyMac_17 (B1), FluffyNinja_18 (B1), Fozzie_17 (B1), Frankicide_18 (B1), FremontTroll_18 (B1), Freya_17 (B1), FriarPreacher_18 (B1), Fringe_18 (B1), FugateOSU_17 (B1), Gareth_17 (B1), GeneCoco_18 (B1), Giraffe_18 (B1), Gophee_18 (B1), Grand2040_17 (B1), GreenChile_18 (B1), Gwennie1_18 (B1), Gwilliam_18 (B1), Gyarad_0018 (B1), HSavage_18 (B1), Haimas_18 (B1), Haleema_17 (B1), Hamish_18 (B1), Happabalu_18 (B1), Hartsy_18 (B1), Harvey_18 (B1), Hashim76_23 (B13), Hekos_17 (B1), Held_18 (B1), HenryJackson_17 (B1), Hertubise_18 (B1), Hetaeria_18 (B1), HighStump_17 (B1), Hocus_17 (B1), HogWash_17 (B1), Horchata_18 (B1), ImtiyazSitla_17 (B1), Inchworm_18 (B1), Inverness_18 (B1), Iridessa_18 (B1), Iridoclysis_18 (B1), IsaacEli_18 (B1), JDog_17 (B1), JacAttac_18 (B1), JakeO_17 (B1), JangoPhett_18 (B1), Jesabah_18 (B1), Jillium_17 (B1), Jiminy_17 (B1), Jiraiya_17 (B1), KLUcky39_18 (B1), Kahve_17 (B1), Kailash_18 (B1), Karn_17 (B1), Katniss_18 (B1), Keitherie_18 (B1), Khan1_18 (B1), Kikipoo_18 (B1), Kimbrough_18 (B1), KingTut_17 (B1), KingVeVeVe_18 (B1), KlimbOn_18 (B1), Kloppinator_18 (B1), Kwadwo_17 (B1), Kwksand96_17 (B1), Labeouficaum_17 (B1), Larson_19 (B1), LasagnaCat_18 (B1), Lasso_18 (B1), LeeLot_18 (B1), Lego3393_18 (B1), Legolas_17 (B1), Lehmann_18 (B1), LeiMonet_18 (B1), LemonSlice_18 (B1), LittleMinkey_24 (B13), Longacauda_17

(B1), Lopsy_17 (B1), LostAndPhound_17 (B1), LuckyMarjie_17 (B1), Lulumae_17 (B1), Lulwa_18 (B1), Lumine_17 (B1), MRabcd_17 (B1), Mag7_17 (B1), Magic8_18 (B1), Mana_17 (B1), Manad_17 (B1), Maru_17 (B1), Maskar_17 (B1), Matalotodo_18 (B1), Mcshane_17 (B1), Mecca_17 (B1), Megamind20_18 (B1), Megatron_18 (B1), Melc17_18 (B1), MelsMeow_17 (B1), Mesh1_18 (B1), Mesmerelda_17 (B1), MichaelPhcott_17 (B1), Mikota_18 (B1), MiniBoss_18 (B1), MitKao_18 (B1), Morgushi_18 (B1), Morty_18 (B1), Mosaic_17 (B1), MrPhizzler_18 (B1), Mulan_17 (B1), Murdoc_18 (B1), Mutante_17 (B1), Nacho_0018 (B1), Nathan_18 (B1), Newman_18 (B1), NiaNia_18 (B1), Nicole21_18 (B1), Nova1_17 (B1), Numberten_18 (B1), Nyala_17 (B1), OSmaximus_18 (B1), Olak_17 (B1), Oline_17 (B1), Olive_18 (B1), OliverWalter_18 (B1), Omniscient_18 (B1), OneBrain_18 (B1), Oosterbaan_18 (B1), Orfeu_17 (B1), Orion_18 (B1), Orwigg_17 (B1), PG1_18 (B1), Pacifista_17 (B1), PallasAthena_18 (B1), Phamished_18 (B1), Phareon_18 (B1), PhatCats2014_18 (B1), PhatLouie_18 (B1), PhenghisKhan_17 (B1), Pherdinand_18 (B1), Phergie_17 (B1), Phipps_18 (B1), Phleuron_17 (B1), PhrankReynolds_17 (B1), PhrodoBaggins_17 (B1), Phunky_18 (B1), Piglet_0017 (B1), PinheadLarry_18 (B1), Pinkman_17 (B1), Pipsqueak_18 (B1), Placalicious_17 (B1), Plata_17 (B1), Plmatters_18 (B1), Podrick_18 (B1), Pops_18 (B1), Potter_17 (B1), Prickles_18 (B1), ProfessorX_18 (B1), Puhltonio_18 (B1), QueenBeane_18 (B1), Quisquilliae_18 (B1), RedMaple_17 (B1), RedRaider89_19 (B1), Ricotta_17 (B1), Riggan_18 (B1), Rimu_18 (B1), Riverton_18 (B1), Robyn_17 (B1), Roliet_18 (B1), Roscoe_19 (B1), Roy17_18 (B1), SDcharge11_18 (B1), SallyH_18 (B1), Samaymay_18 (B1), SassyCat97_17 (B1), Schadenfreude_17 (B1), Schueller_17 (B1), Scoot17C_18 (B1), Scrick_17 (B1), Selr12_18 (B1), Serendipity_18 (B1), Serpentine_0018 (B1), ShadowBud_18 (B1), Sheila_18 (B1), ShiVal_18 (B1), Sigman_18 (B1), SilverBell_18 (B1), Simielle_17 (B1), SirBeauregard_17 (B1), Skippy_18 (B1), Slatt_18 (B1), Soile_18 (B1), Solosis_17 (B1), Sophia_17 (B1), Soto_18 (B1), Spartan300_18 (B1), Squid_18 (B1), Squiggle_18 (B1), Struggle_17 (B1), Suffolk_18 (B1), Surely_18 (B1), Swiphy_18 (B1), Swish_18 (B1), TallGrassMM_18 (B1), Taraxa_18 (B1), Telesworld_17 (B1), Thora_18 (B1), ThreeOh3D2_18 (B1), Thunderbird_17 (B1), Timmi_17 (B1), TomBombadil_18 (B1), Tomlarah_18 (B1), Toni_17 (B1), TooFast2Furius_19 (B1), Tooj_18 (B1), Triad_18 (B1), True_17 (B1), Trypo_18 (B1), TyrionL_17 (B1), UAch1_18 (B1), UncleHowie_18 (B1), Usavi_18 (B1), Vaishali24_17 (B1), Valjean_18 (B1), Vaticameos_18 (B1), Veritas_17 (B1), Virapocalypse_18 (B1), Virgeve_17 (B1), Vista_18 (B1), Vivaldi_18 (B1), Vortex_18 (B1), Wallhey_17 (B1), Waterdiva_18 (B1), Weher20_18 (B1), Windsor_17 (B1), Xavier_17 (B1), Yoshand_18 (B1), YouGoGlencoco_18 (B1), Zaider_19 (B1), Zelda_18 (B1), Zenteno07_23 (B13), Zonia_18 (B1),

Start 20:

- Found in 61 of 548 (11.1%) of genes in pham
- Manual Annotations of this start: 53 of 473
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AksarBAT_18 (DR), Allegro_21 (B2), AnClar_18 (DR), AnarQue_20 (DR), Arbiter_21 (B2), Ares_21 (B2), Bananafish_21 (B2), BiggityBass_17 (DR), Blackpen_20 (DR), Blocker23_21 (B2), BobRoss2024_17 (DR), Boyle_21 (B2), Brownie5_21 (B2), CaiB_20 (DR), Calamitous_21 (B2), CharlottesWeb_18 (DR), CloverMinnie_20 (DR), Coffee_21 (B2), Coldpizza_20 (DR), Eaglehorse_21 (B2), Faze9_21 (B2), FelixTres_20 (DR), FrenchFry_21 (B2), Glass_21 (B2), Godines_21 (B2), Hedgerow_21 (B2), Holeinone_21 (B2), ItsyBitsy1_21 (B2), JellyBelly_18 (DR), Kaleb_21 (B2), Kheth_21 (B2), Kolhan_21 (B2), Lars_21 (B2), Laurie_21 (B2), Lephleur_21 (B2), LilSmirk_21 (B2), LizLemon_21 (B2), MakoManhole_20 (DR), Mariokart_18 (DR), MasterPo_21 (B2),

MossRose_20 (DR), NHagos_18 (DR), Opia_21 (B2), Phantasmagoria_21 (B2), PrinceCharming_21 (B2), Qyrzula_20 (B2), Rhinoforte_21 (B2), Rosebush_21 (B2), Sabella_21 (B2), Sisko_18 (DR), Sour_21 (DR), TA17A_21 (B2), TPA2_27 (singleton), Tinciduntolum_22 (B2), TraderJ_20 (DR), Tres_21 (B2), Vic9_00021 (B2), West99_21 (B2), Wooper_20 (DR), Yago84_18 (DR), Yeshua_20 (DR),

Start 21:

- Found in 90 of 548 (16.4%) of genes in pham
- Manual Annotations of this start: 53 of 473
- Called 80.0% of time when present
- Phage (with cluster) where this start called: 39HC_016 (B6), Ahwei_17 (B4), Antihero_17 (B4), Apex_18 (B4), Argie_16 (W), Austelle_19 (B4), Axumite_18 (DR), BobbyK_18 (B4), BrownCNA_19 (B4), CRB2_22 (B9), Caterpie_16 (AD), Cepens_15 (W), ChrisnMich_17 (B4), Cooper_18 (B4), D12_15 (W), Dori_17 (AD), Epah_17 (B4), Fanaw_18 (B4), ForDig_16 (B6), Fortunato_18 (B4), Frederick_18 (B4), Fresco_18 (DR), Funsized_22 (B9), GinPorsche_17 (B4), GodPhather_16 (W), Hally898_17 (B4), Hangman_18 (B4), Heath_18 (B4), Hosp_014 (B6), Hydro_18 (B4), Imvubu_15 (B10), Indlovu_18 (B11), JAMaL_18 (B4), JaguarMi_19 (B4), Jeon_15 (W), JohnLord_17 (AD), Jolie1_016 (B6), JoyceMaria_18 (B4), KarasumaRum_22 (B5), KayaCho_16 (B6), Knocker_22 (B9), Lambano_17 (B4), Ligma_18 (DR), LilMcDreamy_18 (B12), LittleDigger_17 (B4), LittleMunchkin_19 (DR), Lolalove_18 (B4), Magpie_18 (B4), Mao1_16 (AD), Mask_17 (AD), Megabear_15 (W), Mithril_18 (B4), Mudslide_18 (B4), Nanao_17 (B4), PR_15 (W), PenguinLover67_21 (B9), Poster_17 (B4), Prince_18 (B4), QueenPie_18 (B4), Quesadilla_21 (B9), RawrgerThat_18 (B4), Renkei_17 (B4), Rinkes_22 (B9), Saguaro_20 (B7), Sejanus_17 (AD), Shatter_18 (DR), StinkyVeggy_22 (B5), Taptic_15 (W), VioletZ_18 (B4), Waleliano_18 (B4), Xincheng_18 (B4), Zemanar_19 (B4),

Start 22:

- Found in 4 of 548 (0.7%) of genes in pham
- Manual Annotations of this start: 4 of 473
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AlanGrant_19 (B4), Nigel_16 (B4), Stinger_16 (B4), Vincenzo_19 (B4),

Start 23:

- Found in 1 of 548 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 473
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Tonitrus_35 (singleton),

Start 24:

- Found in 12 of 548 (2.2%) of genes in pham
- Manual Annotations of this start: 5 of 473
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Amo99_50 (CP), Clawz_49 (CP), ColdSoup_50 (CP), DonTron_49 (CP), Grumio_49 (CP), Jollymon_49 (CP), KingstonB_50 (CP), Makar_50 (CP), Purplicious_48 (CP), Soos_45 (CP), Stillion_49 (CP), Sting_48 (CP),

Summary by clusters:

There are 19 clusters represented in this pham: B10, singleton, B2, B13, AI, B8, B11, B4, B5, B6, B7, B12, B1, W, B3, CP, DR, B9, AD,

Info for manual annotations of cluster AD:

- Start number 21 was manually annotated 4 times for cluster AD.

Info for manual annotations of cluster AI:

- Start number 18 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster B1:

- Start number 19 was manually annotated 288 times for cluster B1.

Info for manual annotations of cluster B10:

- Start number 21 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:

- Start number 21 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B12:

- Start number 21 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B13:

- Start number 19 was manually annotated 3 times for cluster B13.

Info for manual annotations of cluster B2:

- Start number 20 was manually annotated 37 times for cluster B2.

Info for manual annotations of cluster B3:

- Start number 18 was manually annotated 51 times for cluster B3.

Info for manual annotations of cluster B4:

- Start number 21 was manually annotated 24 times for cluster B4.
- Start number 22 was manually annotated 4 times for cluster B4.

Info for manual annotations of cluster B5:

- Start number 12 was manually annotated 11 times for cluster B5.

Info for manual annotations of cluster B6:

- Start number 21 was manually annotated 2 times for cluster B6.

Info for manual annotations of cluster B7:

- Start number 21 was manually annotated 1 time for cluster B7.

Info for manual annotations of cluster B8:

- Start number 17 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:

- Start number 21 was manually annotated 6 times for cluster B9.

Info for manual annotations of cluster CP:

- Start number 24 was manually annotated 5 times for cluster CP.

Info for manual annotations of cluster DR:

- Start number 18 was manually annotated 1 time for cluster DR.
- Start number 20 was manually annotated 16 times for cluster DR.
- Start number 21 was manually annotated 5 times for cluster DR.

Info for manual annotations of cluster W:

- Start number 21 was manually annotated 8 times for cluster W.

Gene Information:

Gene: 39HC_016 Start: 14982, Stop: 15791, Start Num: 21

Candidate Starts for 39HC_016:

(14, 14955), (16, 14973), (Start: 21 @14982 has 53 MA's), (39, 15111), (40, 15114), (50, 15225), (52, 15240), (53, 15246), (68, 15369), (86, 15537), (88, 15552), (89, 15567), (104, 15687), (106, 15708), (110, 15765), (112, 15780),

Gene: 40BC_016 Start: 14955, Stop: 15791, Start Num: 14

Candidate Starts for 40BC_016:

(14, 14955), (16, 14973), (Start: 21 @14982 has 53 MA's), (39, 15111), (40, 15114), (50, 15225), (52, 15240), (53, 15246), (68, 15369), (86, 15537), (88, 15552), (89, 15567), (104, 15687), (106, 15708), (110, 15765), (112, 15780),

Gene: ABU_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for ABU_18:

(Start: 19 @14691 has 291 MA's), (32, 14754), (38, 14811), (39, 14820), (40, 14823), (47, 14919), (53, 14955), (68, 15072), (82, 15204), (84, 15219), (86, 15240), (89, 15270), (98, 15339), (104, 15390), (106, 15411), (109, 15465), (110, 15468),

Gene: Abinghost_21 Start: 16357, Stop: 17436, Start Num: 18

Candidate Starts for Abinghost_21:

(Start: 18 @16357 has 54 MA's), (26, 16375), (29, 16393), (35, 16453), (39, 16489), (62, 16693), (82, 16870), (96, 16984), (98, 17008), (110, 17137), (122, 17290), (126, 17359), (127, 17377), (129, 17395),

Gene: AbsoluteMadLad_17 Start: 14695, Stop: 15495, Start Num: 19

Candidate Starts for AbsoluteMadLad_17:

(Start: 19 @14695 has 291 MA's), (32, 14758), (38, 14815), (39, 14824), (40, 14827), (47, 14923), (53, 14959), (68, 15076), (82, 15208), (84, 15223), (86, 15244), (89, 15274), (98, 15343), (104, 15394), (106, 15415), (109, 15469), (110, 15472),

Gene: Acadian_20 Start: 16504, Stop: 17340, Start Num: 12

Candidate Starts for Acadian_20:

(3, 16393), (Start: 12 @16504 has 11 MA's), (Start: 21 @16537 has 53 MA's), (35, 16630), (36, 16645), (37, 16651), (39, 16666), (40, 16669), (42, 16687), (53, 16801), (86, 17086), (89, 17116), (95, 17155), (98, 17185), (106, 17257),

Gene: Adriana_18 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for Adriana_18:

(Start: 19 @14693 has 291 MA's), (32, 14756), (38, 14813), (39, 14822), (40, 14825), (47, 14921), (53, 14957), (68, 15074), (82, 15206), (84, 15221), (86, 15242), (89, 15272), (98, 15341), (104, 15392), (106, 15413), (109, 15467), (110, 15470),

Gene: Aelin_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Aelin_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: Ahwei_17 Start: 15373, Stop: 16179, Start Num: 21

Candidate Starts for Ahwei_17:

(Start: 21 @15373 has 53 MA's), (32, 15436), (39, 15502), (40, 15505), (42, 15523), (50, 15616), (53, 15637), (55, 15658), (72, 15793), (82, 15886), (89, 15952), (93, 15985), (94, 15988), (98, 16021), (104, 16072), (106, 16093), (110, 16150),

Gene: Akoma_21 Start: 16357, Stop: 17436, Start Num: 18

Candidate Starts for Akoma_21:

(Start: 18 @16357 has 54 MA's), (26, 16375), (29, 16393), (35, 16453), (39, 16489), (62, 16693), (82, 16870), (96, 16984), (98, 17008), (110, 17137), (122, 17290), (126, 17359), (127, 17377), (129, 17395),

Gene: AksarBAT_18 Start: 14589, Stop: 15398, Start Num: 20

Candidate Starts for AksarBAT_18:

(Start: 20 @14589 has 53 MA's), (27, 14607), (35, 14682), (36, 14697), (39, 14718), (40, 14721), (44, 14766), (55, 14874), (57, 14892), (82, 15099), (86, 15135), (98, 15237), (106, 15309), (110, 15366),

Gene: AlanGrant_19 Start: 17209, Stop: 18015, Start Num: 22

Candidate Starts for AlanGrant_19:

(9, 17149), (Start: 22 @17209 has 4 MA's), (32, 17272), (38, 17329), (40, 17341), (42, 17359), (53, 17473), (55, 17494), (82, 17722), (86, 17758), (89, 17788), (94, 17824), (98, 17857), (100, 17869), (104, 17908), (110, 17986),

Gene: Aleia_18 Start: 14272, Stop: 15072, Start Num: 19

Candidate Starts for Aleia_18:

(Start: 19 @14272 has 291 MA's), (32, 14335), (38, 14392), (39, 14401), (40, 14404), (47, 14500), (53, 14536), (68, 14653), (82, 14785), (84, 14800), (86, 14821), (89, 14851), (98, 14920), (104, 14971), (109, 15046), (110, 15049),

Gene: Allegro_21 Start: 17579, Stop: 18655, Start Num: 20

Candidate Starts for Allegro_21:

(Start: 20 @17579 has 53 MA's), (26, 17594), (27, 17597), (40, 17711), (44, 17756), (64, 17930), (66, 17936), (70, 17978), (73, 18005), (82, 18089), (86, 18125), (89, 18155), (101, 18242), (103, 18272), (110, 18350), (116, 18383), (117, 18392), (120, 18497), (125, 18566), (126, 18575), (128, 18596), (131, 18644),

Gene: AltPhacts_18 Start: 14688, Stop: 15488, Start Num: 19

Candidate Starts for AltPhacts_18:

(Start: 19 @14688 has 291 MA's), (32, 14751), (38, 14808), (39, 14817), (40, 14820), (47, 14916), (53, 14952), (68, 15069), (82, 15201), (84, 15216), (86, 15237), (89, 15267), (98, 15336), (104, 15387), (106, 15408), (109, 15462), (110, 15465),

Gene: Altwerkus_17 Start: 14388, Stop: 15188, Start Num: 19

Candidate Starts for Altwerkus_17:

(Start: 19 @14388 has 291 MA's), (32, 14451), (38, 14508), (39, 14517), (40, 14520), (47, 14616), (53, 14652), (68, 14769), (82, 14901), (84, 14916), (86, 14937), (89, 14967), (98, 15036), (104, 15087), (106, 15108), (109, 15162), (110, 15165),

Gene: Amo99_50 Start: 27058, Stop: 27801, Start Num: 24

Candidate Starts for Amo99_50:

(Start: 24 @27058 has 5 MA's), (25, 27064), (35, 27148), (40, 27187), (45, 27238), (53, 27319), (54, 27337), (62, 27388), (63, 27394), (64, 27406), (75, 27493), (77, 27526), (82, 27565), (85, 27595), (98, 27703),

Gene: AnClar_18 Start: 15482, Stop: 16294, Start Num: 20

Candidate Starts for AnClar_18:

(8, 15413), (11, 15431), (Start: 20 @15482 has 53 MA's), (27, 15500), (35, 15575), (40, 15614), (53, 15746), (55, 15767), (64, 15833), (86, 16028), (98, 16130), (101, 16145), (106, 16202), (114, 16283),

Gene: AnarQue_20 Start: 16103, Stop: 16912, Start Num: 20

Candidate Starts for AnarQue_20:

(Start: 20 @16103 has 53 MA's), (27, 16121), (35, 16196), (40, 16235), (42, 16253), (44, 16280), (53, 16367), (55, 16388), (57, 16406), (59, 16412), (64, 16454), (86, 16649), (98, 16751), (106, 16823),

Gene: Anderson_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Anderson_18:

(Start: 19 @14684 has 291 MA's), (32, 14747), (38, 14804), (39, 14813), (40, 14816), (47, 14912), (53, 14948), (68, 15065), (82, 15197), (84, 15212), (86, 15233), (89, 15263), (98, 15332), (104, 15383), (106, 15404), (109, 15458), (110, 15461),

Gene: Andre_18 Start: 14682, Stop: 15482, Start Num: 19

Candidate Starts for Andre_18:

(Start: 19 @14682 has 291 MA's), (32, 14745), (38, 14802), (39, 14811), (40, 14814), (47, 14910), (53, 14946), (68, 15063), (82, 15195), (84, 15210), (86, 15231), (89, 15261), (98, 15330), (104, 15381), (106, 15402), (109, 15456), (110, 15459),

Gene: AngelCake_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for AngelCake_18:

(Start: 19 @14696 has 291 MA's), (32, 14759), (38, 14816), (39, 14825), (40, 14828), (47, 14924), (53, 14960), (68, 15077), (82, 15209), (84, 15224), (86, 15245), (89, 15275), (98, 15344), (104, 15395), (106, 15416), (109, 15470), (110, 15473),

Gene: Antihero_17 Start: 15373, Stop: 16179, Start Num: 21

Candidate Starts for Antihero_17:

(Start: 21 @15373 has 53 MA's), (32, 15436), (39, 15502), (40, 15505), (42, 15523), (50, 15616), (53, 15637), (55, 15658), (72, 15793), (82, 15886), (89, 15952), (93, 15985), (94, 15988), (98, 16021), (104, 16072), (106, 16093), (110, 16150),

Gene: Antonia_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Antonia_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: Aonishiki_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Aonishiki_18:

(Start: 19 @14714 has 291 MA's), (32, 14777), (38, 14834), (39, 14843), (40, 14846), (47, 14942), (53, 14978), (68, 15095), (82, 15227), (84, 15242), (86, 15263), (89, 15293), (98, 15362), (104, 15413), (106, 15434), (109, 15488), (110, 15491),

Gene: Apex_18 Start: 16618, Stop: 17424, Start Num: 21

Candidate Starts for Apex_18:

(Start: 21 @16618 has 53 MA's), (32, 16681), (39, 16747), (40, 16750), (42, 16768), (50, 16861), (53, 16882), (55, 16903), (67, 16981), (72, 17038), (82, 17131), (94, 17233), (98, 17266), (100, 17278), (101, 17281), (104, 17317),

Gene: Apizium_17 Start: 14428, Stop: 15228, Start Num: 19

Candidate Starts for Apizium_17:

(Start: 19 @14428 has 291 MA's), (32, 14491), (38, 14548), (39, 14557), (40, 14560), (47, 14656), (53, 14692), (68, 14809), (82, 14941), (84, 14956), (86, 14977), (89, 15007), (98, 15076), (104, 15127), (106, 15148), (109, 15202), (110, 15205),

Gene: Arbiter_21 Start: 17666, Stop: 18742, Start Num: 20

Candidate Starts for Arbiter_21:

(Start: 20 @17666 has 53 MA's), (26, 17681), (27, 17684), (40, 17798), (44, 17843), (64, 18017), (66, 18023), (70, 18065), (73, 18092), (82, 18176), (86, 18212), (89, 18242), (98, 18314), (101, 18329), (103, 18359), (110, 18437), (116, 18470), (117, 18479), (120, 18584), (125, 18653), (126, 18662), (128, 18683), (131, 18731),

Gene: Ares_21 Start: 17579, Stop: 18658, Start Num: 20

Candidate Starts for Ares_21:

(Start: 20 @17579 has 53 MA's), (26, 17594), (27, 17597), (40, 17711), (44, 17756), (64, 17930), (66, 17936), (70, 17978), (73, 18005), (82, 18089), (86, 18125), (89, 18155), (101, 18242), (103, 18272), (110, 18350), (116, 18383), (117, 18392), (120, 18497), (125, 18566), (126, 18575), (131, 18644),

Gene: Argie_16 Start: 15691, Stop: 16797, Start Num: 21

Candidate Starts for Argie_16:

(7, 15613), (Start: 21 @15691 has 53 MA's), (27, 15706), (29, 15721), (35, 15781), (40, 15820), (42, 15838), (44, 15865), (45, 15871), (60, 16003), (64, 16039), (65, 16042), (70, 16087), (89, 16264), (101, 16360), (102, 16375), (104, 16390), (110, 16465), (121, 16615), (123, 16630), (124, 16669), (130, 16732), (132, 16792),

Gene: Ashraf_17 Start: 14246, Stop: 15046, Start Num: 19

Candidate Starts for Ashraf_17:

(Start: 19 @14246 has 291 MA's), (32, 14309), (38, 14366), (39, 14375), (40, 14378), (47, 14474), (53, 14510), (68, 14627), (82, 14759), (84, 14774), (86, 14795), (89, 14825), (98, 14894), (104, 14945), (106, 14966), (109, 15020), (110, 15023),

Gene: Athena_22 Start: 17120, Stop: 18199, Start Num: 18

Candidate Starts for Athena_22:

(Start: 18 @17120 has 54 MA's), (26, 17138), (29, 17156), (35, 17216), (39, 17252), (62, 17456), (82, 17633), (96, 17747), (98, 17771), (110, 17900), (122, 18053), (126, 18122), (127, 18140), (129, 18158),

Gene: Audrey_21 Start: 16357, Stop: 17436, Start Num: 18

Candidate Starts for Audrey_21:

(Start: 18 @16357 has 54 MA's), (26, 16375), (29, 16393), (35, 16453), (39, 16489), (62, 16693), (82, 16870), (96, 16984), (98, 17008), (110, 17137), (122, 17290), (126, 17359), (127, 17377), (129, 17395),

Gene: Austelle_19 Start: 17074, Stop: 17880, Start Num: 21

Candidate Starts for Austelle_19:

(Start: 21 @17074 has 53 MA's), (32, 17137), (39, 17203), (40, 17206), (42, 17224), (50, 17317), (53, 17338), (55, 17359), (67, 17437), (72, 17494), (82, 17587), (94, 17689), (98, 17722), (100, 17734), (101, 17737), (104, 17773),

Gene: Axumite_18 Start: 14690, Stop: 15502, Start Num: 21

Candidate Starts for Axumite_18:

(Start: 21 @14690 has 53 MA's), (27, 14708), (35, 14783), (38, 14810), (40, 14822), (44, 14867), (53, 14954), (55, 14975), (82, 15200), (85, 15230), (86, 15236), (98, 15338), (106, 15410), (110, 15467),

Gene: Badfish_18 Start: 14717, Stop: 15517, Start Num: 19

Candidate Starts for Badfish_18:

(Start: 19 @14717 has 291 MA's), (32, 14780), (38, 14837), (39, 14846), (40, 14849), (47, 14945), (53, 14981), (68, 15098), (82, 15230), (84, 15245), (86, 15266), (89, 15296), (98, 15365), (104, 15416), (106, 15437), (109, 15491), (110, 15494),

Gene: Baee_20 Start: 16638, Stop: 17474, Start Num: 12

Candidate Starts for Baee_20:

(1, 16467), (Start: 12 @16638 has 11 MA's), (Start: 21 @16671 has 53 MA's), (35, 16764), (36, 16779), (39, 16800), (40, 16803), (42, 16821), (53, 16935), (86, 17220), (89, 17250), (98, 17319), (104, 17370), (106, 17391),

Gene: Baloo_21 Start: 16354, Stop: 17433, Start Num: 18

Candidate Starts for Baloo_21:

(Start: 18 @16354 has 54 MA's), (26, 16372), (29, 16390), (35, 16450), (39, 16486), (62, 16690), (82, 16867), (96, 16981), (98, 17005), (110, 17134), (122, 17287), (126, 17356), (127, 17374), (129, 17392),

Gene: Bananafish_21 Start: 17576, Stop: 18652, Start Num: 20

Candidate Starts for Bananafish_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (128, 18593), (131, 18641),

Gene: Banjo_17 Start: 14395, Stop: 15195, Start Num: 19

Candidate Starts for Banjo_17:

(Start: 19 @14395 has 291 MA's), (32, 14458), (38, 14515), (39, 14524), (40, 14527), (47, 14623), (53, 14659), (68, 14776), (82, 14908), (84, 14923), (86, 14944), (89, 14974), (98, 15043), (104, 15094), (106, 15115), (109, 15169), (110, 15172),

Gene: Basato_19 Start: 14921, Stop: 15721, Start Num: 19

Candidate Starts for Basato_19:

(Start: 19 @14921 has 291 MA's), (32, 14984), (38, 15041), (39, 15050), (40, 15053), (47, 15149), (53, 15185), (68, 15302), (82, 15434), (84, 15449), (86, 15470), (89, 15500), (98, 15569), (104, 15620), (106, 15641), (109, 15695), (110, 15698),

Gene: BatteryCK_17 Start: 14252, Stop: 15052, Start Num: 19

Candidate Starts for BatteryCK_17:

(Start: 19 @14252 has 291 MA's), (32, 14315), (38, 14372), (39, 14381), (40, 14384), (47, 14480), (53, 14516), (68, 14633), (82, 14765), (84, 14780), (86, 14801), (89, 14831), (98, 14900), (104, 14951), (109, 15026), (110, 15029),

Gene: Beaglebox_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Beaglebox_17:

(Start: 19 @14412 has 291 MA's), (32, 14475), (38, 14532), (39, 14541), (40, 14544), (47, 14640), (53, 14676), (68, 14793), (82, 14925), (84, 14940), (86, 14961), (89, 14991), (98, 15060), (104, 15111), (106, 15132), (109, 15186), (110, 15189),

Gene: Ben11_20 Start: 16181, Stop: 17260, Start Num: 18

Candidate Starts for Ben11_20:

(Start: 18 @16181 has 54 MA's), (26, 16199), (29, 16217), (35, 16277), (39, 16313), (62, 16517), (82, 16694), (96, 16808), (98, 16832), (110, 16961), (122, 17114), (126, 17183), (127, 17201), (129, 17219),

Gene: Bernardo_21 Start: 16356, Stop: 17435, Start Num: 18

Candidate Starts for Bernardo_21:

(Start: 18 @16356 has 54 MA's), (26, 16374), (29, 16392), (35, 16452), (39, 16488), (62, 16692), (82, 16869), (96, 16983), (98, 17007), (110, 17136), (122, 17289), (126, 17358), (127, 17376), (129, 17394),

Gene: BiggityBass_17 Start: 14580, Stop: 15392, Start Num: 20

Candidate Starts for BiggityBass_17:

(Start: 20 @14580 has 53 MA's), (27, 14598), (35, 14673), (40, 14712), (44, 14757), (53, 14844), (55, 14865), (64, 14931), (86, 15126), (98, 15228), (106, 15300), (114, 15381),

Gene: BirdsNest_23 Start: 15668, Stop: 16468, Start Num: 19

Candidate Starts for BirdsNest_23:

(Start: 19 @15668 has 291 MA's), (32, 15731), (39, 15797), (40, 15800), (50, 15911), (53, 15932), (68, 16049), (72, 16088), (98, 16316), (105, 16373),

Gene: Bishoperium_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Bishoperium_17:

(Start: 19 @14401 has 291 MA's), (32, 14464), (38, 14521), (39, 14530), (40, 14533), (47, 14629), (53, 14665), (68, 14782), (82, 14914), (84, 14929), (86, 14950), (89, 14980), (98, 15049), (104, 15100), (106, 15121), (109, 15175), (110, 15178),

Gene: BlackStallion_18 Start: 14703, Stop: 15503, Start Num: 19

Candidate Starts for BlackStallion_18:

(Start: 19 @14703 has 291 MA's), (32, 14766), (38, 14823), (39, 14832), (40, 14835), (47, 14931), (53, 14967), (68, 15084), (82, 15216), (84, 15231), (86, 15252), (89, 15282), (98, 15351), (104, 15402), (106, 15423), (109, 15477), (110, 15480),

Gene: Blackpen_20 Start: 15520, Stop: 16329, Start Num: 20

Candidate Starts for Blackpen_20:

(Start: 20 @15520 has 53 MA's), (27, 15538), (35, 15613), (40, 15652), (44, 15697), (53, 15784), (55, 15805), (57, 15823), (59, 15829), (64, 15871), (86, 16066), (98, 16168), (106, 16240), (110, 16297),

Gene: BlacksBerry_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for BlacksBerry_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Blocker23_21 Start: 17696, Stop: 18775, Start Num: 20

Candidate Starts for Blocker23_21:

(Start: 20 @17696 has 53 MA's), (26, 17711), (27, 17714), (40, 17828), (44, 17873), (64, 18047), (66, 18053), (70, 18095), (73, 18122), (82, 18206), (86, 18242), (89, 18272), (101, 18359), (103, 18389), (110, 18467), (116, 18500), (117, 18509), (120, 18614), (125, 18683), (126, 18692), (131, 18761),

Gene: BlueHusk_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for BlueHusk_18:

(Start: 19 @14684 has 291 MA's), (32, 14747), (38, 14804), (39, 14813), (40, 14816), (47, 14912), (53, 14948), (68, 15065), (82, 15197), (84, 15212), (86, 15233), (89, 15263), (98, 15332), (104, 15383), (106, 15404), (109, 15458), (110, 15461),

Gene: Bluephacebaby_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Bluephacebaby_17:

(Start: 19 @14401 has 291 MA's), (32, 14464), (38, 14521), (39, 14530), (40, 14533), (47, 14629), (53, 14665), (68, 14782), (82, 14914), (84, 14929), (86, 14950), (89, 14980), (98, 15049), (104, 15100), (106, 15121), (109, 15175), (110, 15178),

Gene: BobRoss2024_17 Start: 14469, Stop: 15278, Start Num: 20

Candidate Starts for BobRoss2024_17:

(Start: 20 @14469 has 53 MA's), (27, 14487), (35, 14562), (40, 14601), (49, 14703), (53, 14733), (55, 14754), (86, 15015), (89, 15045), (98, 15117), (106, 15189),

Gene: BobbyK_18 Start: 16437, Stop: 17243, Start Num: 21

Candidate Starts for BobbyK_18:

(Start: 21 @16437 has 53 MA's), (32, 16500), (39, 16566), (40, 16569), (42, 16587), (50, 16680), (53, 16701), (55, 16722), (67, 16800), (72, 16857), (82, 16950), (94, 17052), (98, 17085), (100, 17097), (101, 17100), (104, 17136),

Gene: Boehler_18 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for Boehler_18:

(Start: 19 @14711 has 291 MA's), (32, 14774), (38, 14831), (39, 14840), (40, 14843), (47, 14939), (53, 14975), (68, 15092), (82, 15224), (84, 15239), (86, 15260), (89, 15290), (98, 15359), (104, 15410), (106, 15431), (109, 15485), (110, 15488),

Gene: BoogieWoogie_17 Start: 14388, Stop: 15188, Start Num: 19

Candidate Starts for BoogieWoogie_17:

(Start: 19 @14388 has 291 MA's), (32, 14451), (38, 14508), (39, 14517), (40, 14520), (47, 14616), (53, 14652), (68, 14769), (82, 14901), (84, 14916), (86, 14937), (89, 14967), (98, 15036), (104, 15087), (106, 15108), (109, 15162), (110, 15165),

Gene: Boyle_21 Start: 17697, Stop: 18776, Start Num: 20

Candidate Starts for Boyle_21:

(Start: 20 @17697 has 53 MA's), (26, 17712), (27, 17715), (40, 17829), (44, 17874), (64, 18048), (66, 18054), (70, 18096), (73, 18123), (82, 18207), (86, 18243), (89, 18273), (101, 18360), (103, 18390), (110, 18468), (116, 18501), (117, 18510), (120, 18615), (125, 18684), (126, 18693), (131, 18762),

Gene: Briakila_21 Start: 17122, Stop: 18201, Start Num: 18

Candidate Starts for Briakila_21:

(Start: 18 @17122 has 54 MA's), (26, 17140), (29, 17158), (35, 17218), (39, 17254), (62, 17458), (82, 17635), (96, 17749), (98, 17773), (110, 17902), (122, 18055), (126, 18124), (127, 18142), (129, 18160),

Gene: Brilliant_18 Start: 14405, Stop: 15205, Start Num: 19

Candidate Starts for Brilliant_18:

(Start: 19 @14405 has 291 MA's), (32, 14468), (38, 14525), (39, 14534), (40, 14537), (47, 14633), (53, 14669), (68, 14786), (82, 14918), (84, 14933), (86, 14954), (89, 14984), (98, 15053), (104, 15104), (106, 15125), (109, 15179), (110, 15182),

Gene: BrownCNA_19 Start: 16691, Stop: 17497, Start Num: 21

Candidate Starts for BrownCNA_19:

(Start: 21 @16691 has 53 MA's), (32, 16754), (39, 16820), (40, 16823), (42, 16841), (50, 16934), (53, 16955), (55, 16976), (70, 17093), (72, 17111), (82, 17204), (89, 17270), (94, 17306), (98, 17339), (100, 17351), (101, 17354), (104, 17390),

Gene: Brownie5_21 Start: 17696, Stop: 18775, Start Num: 20

Candidate Starts for Brownie5_21:

(Start: 20 @17696 has 53 MA's), (26, 17711), (27, 17714), (40, 17828), (44, 17873), (64, 18047), (66, 18053), (70, 18095), (73, 18122), (82, 18206), (86, 18242), (89, 18272), (101, 18359), (103, 18389), (110, 18467), (116, 18500), (117, 18509), (120, 18614), (125, 18683), (126, 18692), (131, 18761),

Gene: Buckeye_18 Start: 14719, Stop: 15519, Start Num: 19

Candidate Starts for Buckeye_18:

(Start: 19 @14719 has 291 MA's), (32, 14782), (38, 14839), (39, 14848), (40, 14851), (47, 14947), (53, 14983), (68, 15100), (82, 15232), (84, 15247), (86, 15268), (89, 15298), (98, 15367), (104, 15418), (106, 15439), (109, 15493), (110, 15496),

Gene: Burr_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Burr_17:

(Start: 19 @14401 has 291 MA's), (32, 14464), (38, 14521), (39, 14530), (40, 14533), (47, 14629), (53, 14665), (68, 14782), (82, 14914), (84, 14929), (86, 14950), (89, 14980), (98, 15049), (104, 15100), (106, 15121), (109, 15175), (110, 15178),

Gene: CRB2_22 Start: 17928, Stop: 18728, Start Num: 21

Candidate Starts for CRB2_22:

(Start: 21 @17928 has 53 MA's), (32, 17994), (35, 18024), (40, 18063), (45, 18114), (50, 18174), (51, 18186), (53, 18195), (55, 18216), (58, 18237), (64, 18282), (78, 18414), (91, 18516), (98, 18579), (104, 18624), (111, 18717),

Gene: CaiB_20 Start: 16088, Stop: 16897, Start Num: 20

Candidate Starts for CaiB_20:

(Start: 20 @16088 has 53 MA's), (27, 16106), (35, 16181), (40, 16220), (44, 16265), (53, 16352), (55, 16373), (57, 16391), (59, 16397), (64, 16439), (86, 16634), (98, 16736), (106, 16808), (110, 16865),

Gene: Calamitous_21 Start: 17576, Stop: 18655, Start Num: 20

Candidate Starts for Calamitous_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (128, 18593), (131, 18641),

Gene: CamL_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for CamL_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: CampRoach_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for CampRoach_18:

(Start: 19 @14690 has 291 MA's), (32, 14753), (38, 14810), (39, 14819), (40, 14822), (47, 14918), (53, 14954), (68, 15071), (82, 15203), (84, 15218), (86, 15239), (89, 15269), (98, 15338), (104, 15389), (106, 15410), (109, 15464), (110, 15467),

Gene: Cannibal_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Cannibal_18:

(Start: 19 @14684 has 291 MA's), (32, 14747), (38, 14804), (39, 14813), (40, 14816), (47, 14912), (53, 14948), (68, 15065), (82, 15197), (84, 15212), (86, 15233), (89, 15263), (98, 15332), (104, 15383), (106, 15404), (109, 15458), (110, 15461),

Gene: Carthage_17 Start: 14362, Stop: 15162, Start Num: 19

Candidate Starts for Carthage_17:

(Start: 19 @14362 has 291 MA's), (32, 14425), (38, 14482), (39, 14491), (40, 14494), (47, 14590), (53, 14626), (68, 14743), (82, 14875), (84, 14890), (86, 14911), (89, 14941), (98, 15010), (104, 15061), (106, 15082), (109, 15136), (110, 15139),

Gene: Casbah_20 Start: 16209, Stop: 17288, Start Num: 18

Candidate Starts for Casbah_20:

(Start: 18 @16209 has 54 MA's), (26, 16227), (29, 16245), (35, 16305), (39, 16341), (62, 16545), (82, 16722), (96, 16836), (98, 16860), (110, 16989), (122, 17142), (126, 17211), (127, 17229), (129, 17247),

Gene: Caspiboi_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Caspiboi_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (109, 15180), (110, 15183),

Gene: Caterpie_16 Start: 13512, Stop: 14315, Start Num: 21

Candidate Starts for Caterpie_16:

(Start: 21 @13512 has 53 MA's), (26, 13524), (28, 13539), (30, 13548), (31, 13557), (40, 13641), (45, 13692), (55, 13794), (56, 13797), (60, 13824), (65, 13863), (67, 13872), (74, 13941), (80, 14004), (95, 14130), (101, 14184), (112, 14301),

Gene: Causa_27 Start: 18877, Stop: 19983, Start Num: 18

Candidate Starts for Causa_27:

(Start: 18 @18877 has 54 MA's), (26, 18898), (27, 18901), (32, 18946), (43, 19039), (82, 19393), (84, 19408), (86, 19429), (98, 19531), (115, 19687), (119, 19738),

Gene: Cepens_15 Start: 15415, Stop: 16521, Start Num: 21

Candidate Starts for Cepens_15:

(7, 15337), (Start: 21 @15415 has 53 MA's), (27, 15430), (29, 15445), (35, 15505), (40, 15544), (42, 15562), (44, 15589), (45, 15595), (60, 15727), (64, 15763), (65, 15766), (70, 15811), (81, 15910), (89, 15988), (101, 16084), (102, 16099), (104, 16114), (110, 16189), (121, 16339), (123, 16354), (124, 16393), (130, 16456), (132, 16516),

Gene: ChaChing_21 Start: 16372, Stop: 17451, Start Num: 18

Candidate Starts for ChaChing_21:

(Start: 18 @16372 has 54 MA's), (26, 16390), (29, 16408), (35, 16468), (39, 16504), (62, 16708), (82, 16885), (96, 16999), (98, 17023), (110, 17152), (122, 17305), (126, 17374), (127, 17392), (129, 17410),

Gene: Chaelin_17 Start: 14366, Stop: 15166, Start Num: 19

Candidate Starts for Chaelin_17:

(Start: 19 @14366 has 291 MA's), (32, 14429), (38, 14486), (39, 14495), (40, 14498), (47, 14594), (53, 14630), (68, 14747), (82, 14879), (84, 14894), (86, 14915), (89, 14945), (98, 15014), (104, 15065), (106, 15086), (109, 15140), (110, 15143),

Gene: Chah_18 Start: 14718, Stop: 15518, Start Num: 19

Candidate Starts for Chah_18:

(Start: 19 @14718 has 291 MA's), (32, 14781), (38, 14838), (39, 14847), (40, 14850), (47, 14946), (53, 14982), (68, 15099), (82, 15231), (84, 15246), (86, 15267), (89, 15297), (98, 15366), (104, 15417), (106, 15438), (109, 15492), (110, 15495),

Gene: Chalmers_21 Start: 17165, Stop: 18244, Start Num: 18

Candidate Starts for Chalmers_21:

(Start: 18 @17165 has 54 MA's), (26, 17183), (29, 17201), (35, 17261), (39, 17297), (62, 17501), (82, 17678), (96, 17792), (98, 17816), (110, 17945), (122, 18098), (126, 18167), (127, 18185), (129, 18203),

Gene: Chandler_21 Start: 17131, Stop: 18210, Start Num: 18

Candidate Starts for Chandler_21:

(Start: 18 @17131 has 54 MA's), (26, 17149), (29, 17167), (35, 17227), (39, 17263), (62, 17467), (82, 17644), (96, 17758), (98, 17782), (110, 17911), (122, 18064), (126, 18133), (127, 18151), (129, 18169),

Gene: Charles1_18 Start: 14681, Stop: 15481, Start Num: 19

Candidate Starts for Charles1_18:

(Start: 19 @14681 has 291 MA's), (32, 14744), (38, 14801), (39, 14810), (40, 14813), (47, 14909), (53, 14945), (68, 15062), (82, 15194), (84, 15209), (86, 15230), (89, 15260), (98, 15329), (104, 15380), (106, 15401), (109, 15455), (110, 15458),

Gene: CharlieGBrown_17 Start: 14270, Stop: 15070, Start Num: 19

Candidate Starts for CharlieGBrown_17:

(Start: 19 @14270 has 291 MA's), (32, 14333), (38, 14390), (39, 14399), (40, 14402), (47, 14498), (53, 14534), (68, 14651), (82, 14783), (84, 14798), (86, 14819), (89, 14849), (98, 14918), (104, 14969), (109, 15044), (110, 15047),

Gene: CharlottesWeb_18 Start: 14586, Stop: 15398, Start Num: 20

Candidate Starts for CharlottesWeb_18:

(Start: 20 @14586 has 53 MA's), (27, 14604), (40, 14718), (45, 14769), (53, 14850), (55, 14871), (57, 14889), (79, 15069), (85, 15126), (86, 15132), (95, 15204), (98, 15234), (106, 15306), (110, 15363),

Gene: CheetO_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for CheetO_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Chentzyk_20 Start: 16227, Stop: 17306, Start Num: 18

Candidate Starts for Chentzyk_20:

(Start: 18 @16227 has 54 MA's), (26, 16245), (29, 16263), (35, 16323), (39, 16359), (62, 16563), (82, 16740), (96, 16854), (98, 16878), (110, 17007), (122, 17160), (126, 17229), (127, 17247), (129, 17265),

Gene: Cher_17 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Cher_17:

(Start: 19 @14424 has 291 MA's), (32, 14487), (38, 14544), (39, 14553), (40, 14556), (47, 14652), (53, 14688), (68, 14805), (82, 14937), (84, 14952), (86, 14973), (89, 15003), (98, 15072), (104, 15123), (106, 15144), (109, 15198), (110, 15201),

Gene: Childish_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Childish_17:

(Start: 19 @14412 has 291 MA's), (32, 14475), (38, 14532), (39, 14541), (40, 14544), (47, 14640), (53, 14676), (68, 14793), (82, 14925), (84, 14940), (86, 14961), (89, 14991), (98, 15060), (104, 15111), (106, 15132), (109, 15186), (110, 15189),

Gene: Chipette_19 Start: 14922, Stop: 15722, Start Num: 19

Candidate Starts for Chipette_19:

(Start: 19 @14922 has 291 MA's), (32, 14985), (38, 15042), (39, 15051), (40, 15054), (47, 15150), (53, 15186), (68, 15303), (82, 15435), (84, 15450), (86, 15471), (89, 15501), (98, 15570), (104, 15621), (106, 15642), (109, 15696), (110, 15699),

Gene: Chorkpop_18 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Chorkpop_18:

(Start: 19 @14424 has 291 MA's), (32, 14487), (38, 14544), (39, 14553), (40, 14556), (47, 14652), (53, 14688), (68, 14805), (82, 14937), (84, 14952), (86, 14973), (89, 15003), (98, 15072), (104, 15123), (106, 15144), (109, 15198), (110, 15201),

Gene: ChrisnMich_17 Start: 15373, Stop: 16179, Start Num: 21

Candidate Starts for ChrisnMich_17:

(Start: 21 @15373 has 53 MA's), (32, 15436), (39, 15502), (40, 15505), (42, 15523), (50, 15616), (53, 15637), (55, 15658), (72, 15793), (82, 15886), (89, 15952), (93, 15985), (94, 15988), (98, 16021), (104, 16072), (106, 16093), (110, 16150),

Gene: Chuni_17 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for Chuni_17:

(Start: 19 @14715 has 291 MA's), (32, 14778), (38, 14835), (39, 14844), (40, 14847), (47, 14943), (53, 14979), (68, 15096), (82, 15228), (84, 15243), (86, 15264), (89, 15294), (98, 15363), (104, 15414), (106, 15435), (109, 15489), (110, 15492),

Gene: Chunky_18 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for Chunky_18:

(Start: 19 @14711 has 291 MA's), (32, 14774), (38, 14831), (39, 14840), (40, 14843), (47, 14939), (53, 14975), (68, 15092), (82, 15224), (84, 15239), (86, 15260), (89, 15290), (98, 15359), (104, 15410), (106, 15431), (109, 15485), (110, 15488),

Gene: Chute_17 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Chute_17:

(Start: 19 @14714 has 291 MA's), (32, 14777), (38, 14834), (39, 14843), (40, 14846), (47, 14942), (53, 14978), (68, 15095), (82, 15227), (84, 15242), (86, 15263), (89, 15293), (98, 15362), (104, 15413), (106, 15434), (109, 15488), (110, 15491),

Gene: Clawz_49 Start: 26964, Stop: 27716, Start Num: 24

Candidate Starts for Clawz_49:

(Start: 24 @26964 has 5 MA's), (25, 26970), (37, 27075), (40, 27093), (45, 27144), (50, 27204), (53, 27225), (54, 27243), (62, 27294), (63, 27300), (64, 27312), (66, 27318), (75, 27399), (77, 27432), (85, 27501), (89, 27537),

Gene: CloverMinnie_20 Start: 16028, Stop: 16837, Start Num: 20

Candidate Starts for CloverMinnie_20:

(Start: 20 @16028 has 53 MA's), (27, 16046), (35, 16121), (40, 16160), (44, 16205), (53, 16292), (55, 16313), (57, 16331), (59, 16337), (64, 16379), (86, 16574), (98, 16676), (106, 16748), (110, 16805),

Gene: Cobra_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Cobra_18:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: Coffee_21 Start: 17693, Stop: 18769, Start Num: 20

Candidate Starts for Coffee_21:

(Start: 20 @17693 has 53 MA's), (26, 17708), (27, 17711), (40, 17825), (44, 17870), (64, 18044), (66, 18050), (70, 18092), (73, 18119), (82, 18203), (86, 18239), (89, 18269), (101, 18356), (103, 18386), (110, 18464), (116, 18497), (117, 18506), (120, 18611), (125, 18680), (126, 18689), (128, 18710), (131, 18758),

Gene: Colbert_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Colbert_18:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: ColdSoup_50 Start: 27058, Stop: 27801, Start Num: 24

Candidate Starts for ColdSoup_50:

(Start: 24 @27058 has 5 MA's), (25, 27064), (35, 27148), (40, 27187), (45, 27238), (53, 27319), (54, 27337), (62, 27388), (63, 27394), (64, 27406), (75, 27493), (77, 27526), (82, 27565), (85, 27595), (98, 27703),

Gene: Coldpizza_20 Start: 16760, Stop: 17572, Start Num: 20

Candidate Starts for Coldpizza_20:

(5, 16655), (10, 16703), (Start: 20 @16760 has 53 MA's), (36, 16868), (40, 16892), (50, 17003), (53, 17024), (79, 17243), (86, 17306), (98, 17408), (110, 17537), (114, 17561),

Gene: Coletti_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Coletti_18:

(Start: 19 @14714 has 291 MA's), (32, 14777), (38, 14834), (39, 14843), (40, 14846), (47, 14942), (53, 14978), (68, 15095), (82, 15227), (84, 15242), (86, 15263), (89, 15293), (98, 15362), (104, 15413), (106, 15434), (109, 15488), (110, 15491),

Gene: Compostia_22 Start: 16790, Stop: 17869, Start Num: 18

Candidate Starts for Compostia_22:

(Start: 18 @16790 has 54 MA's), (26, 16808), (29, 16826), (35, 16886), (39, 16922), (62, 17126), (82, 17303), (96, 17417), (98, 17441), (110, 17570), (122, 17723), (126, 17792), (127, 17810), (129, 17828),

Gene: Cooper_18 Start: 15481, Stop: 16287, Start Num: 21

Candidate Starts for Cooper_18:

(Start: 21 @15481 has 53 MA's), (32, 15544), (39, 15610), (40, 15613), (42, 15631), (50, 15724), (53, 15745), (55, 15766), (72, 15901), (82, 15994), (94, 16096), (98, 16129), (100, 16141), (101, 16144), (104, 16180),

Gene: Cornbread_17 Start: 14415, Stop: 15215, Start Num: 19

Candidate Starts for Cornbread_17:

(Start: 19 @14415 has 291 MA's), (32, 14478), (38, 14535), (39, 14544), (40, 14547), (47, 14643), (53, 14679), (68, 14796), (82, 14928), (84, 14943), (86, 14964), (89, 14994), (98, 15063), (104, 15114), (106, 15135), (109, 15189), (110, 15192),

Gene: Cornobble_17 Start: 14259, Stop: 15059, Start Num: 19

Candidate Starts for Cornobble_17:

(Start: 19 @14259 has 291 MA's), (32, 14322), (38, 14379), (39, 14388), (40, 14391), (47, 14487), (53, 14523), (68, 14640), (82, 14772), (84, 14787), (86, 14808), (89, 14838), (98, 14907), (104, 14958), (106, 14979), (109, 15033), (110, 15036),

Gene: Corofin_21 Start: 16382, Stop: 17461, Start Num: 18

Candidate Starts for Corofin_21:

(Start: 18 @16382 has 54 MA's), (26, 16400), (29, 16418), (35, 16478), (39, 16514), (62, 16718), (82, 16895), (96, 17009), (98, 17033), (110, 17162), (122, 17315), (126, 17384), (127, 17402), (129, 17420),

Gene: Cosmolli16_17 Start: 14416, Stop: 15216, Start Num: 19

Candidate Starts for Cosmolli16_17:

(Start: 19 @14416 has 291 MA's), (32, 14479), (38, 14536), (39, 14545), (40, 14548), (47, 14644), (53, 14680), (68, 14797), (82, 14929), (84, 14944), (86, 14965), (89, 14995), (98, 15064), (104, 15115), (106, 15136), (109, 15190), (110, 15193),

Gene: Craff_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for Craff_18:

(Start: 19 @14705 has 291 MA's), (32, 14768), (38, 14825), (39, 14834), (40, 14837), (47, 14933), (53, 14969), (68, 15086), (82, 15218), (84, 15233), (86, 15254), (89, 15284), (98, 15353), (104, 15404), (106, 15425), (109, 15479), (110, 15482),

Gene: Crownjwl_18 Start: 14472, Stop: 15272, Start Num: 19

Candidate Starts for Crownjwl_18:

(Start: 19 @14472 has 291 MA's), (32, 14535), (38, 14592), (39, 14601), (40, 14604), (47, 14700), (53, 14736), (68, 14853), (82, 14985), (84, 15000), (86, 15021), (89, 15051), (98, 15120), (104, 15171), (106, 15192), (109, 15246), (110, 15249),

Gene: D12_15 Start: 15408, Stop: 16514, Start Num: 21

Candidate Starts for D12_15:

(7, 15330), (Start: 21 @15408 has 53 MA's), (27, 15423), (29, 15438), (35, 15498), (40, 15537), (42, 15555), (44, 15582), (45, 15588), (60, 15720), (64, 15756), (65, 15759), (70, 15804), (81, 15903), (89, 15981), (101, 16077), (104, 16107), (110, 16182), (121, 16332), (123, 16347), (124, 16386), (130, 16449), (132, 16509),

Gene: DaddyDaniels_18 Start: 14408, Stop: 15208, Start Num: 19

Candidate Starts for DaddyDaniels_18:

(Start: 19 @14408 has 291 MA's), (32, 14471), (38, 14528), (39, 14537), (40, 14540), (47, 14636), (53, 14672), (68, 14789), (82, 14921), (84, 14936), (86, 14957), (89, 14987), (98, 15056), (104, 15107), (106, 15128), (109, 15182), (110, 15185),

Gene: Daffy_18 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Daffy_18:

(Start: 19 @14424 has 291 MA's), (32, 14487), (38, 14544), (39, 14553), (40, 14556), (47, 14652), (53, 14688), (68, 14805), (82, 14937), (84, 14952), (86, 14973), (89, 15003), (98, 15072), (104, 15123), (106, 15144), (109, 15198), (110, 15201),

Gene: Daisy_21 Start: 16378, Stop: 17457, Start Num: 18

Candidate Starts for Daisy_21:

(Start: 18 @16378 has 54 MA's), (26, 16396), (29, 16414), (35, 16474), (39, 16510), (62, 16714), (82, 16891), (96, 17005), (98, 17029), (110, 17158), (122, 17311), (126, 17380), (127, 17398), (129, 17416),

Gene: Daka_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Daka_18:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: Dati_18 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Dati_18:

(Start: 19 @14412 has 291 MA's), (32, 14475), (38, 14532), (39, 14541), (40, 14544), (47, 14640), (53, 14676), (68, 14793), (82, 14925), (84, 14940), (86, 14961), (89, 14991), (98, 15060), (104, 15111), (106, 15132), (109, 15186), (110, 15189),

Gene: Deenasa_21 Start: 17120, Stop: 18199, Start Num: 18

Candidate Starts for Deenasa_21:

(Start: 18 @17120 has 54 MA's), (26, 17138), (29, 17156), (35, 17216), (39, 17252), (62, 17456), (82, 17633), (96, 17747), (98, 17771), (110, 17900), (122, 18053), (126, 18122), (127, 18140), (129, 18158),

Gene: DelRivs_17 Start: 14411, Stop: 15211, Start Num: 19

Candidate Starts for DelRivs_17:

(Start: 19 @14411 has 291 MA's), (32, 14474), (38, 14531), (39, 14540), (40, 14543), (47, 14639), (53, 14675), (68, 14792), (82, 14924), (84, 14939), (86, 14960), (89, 14990), (98, 15059), (104, 15110), (106, 15131), (109, 15185), (110, 15188),

Gene: Derpp_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Derpp_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: Devonte_21 Start: 16357, Stop: 17436, Start Num: 18

Candidate Starts for Devonte_21:

(Start: 18 @16357 has 54 MA's), (26, 16375), (29, 16393), (35, 16453), (39, 16489), (62, 16693), (82, 16870), (96, 16984), (98, 17008), (110, 17137), (122, 17290), (126, 17359), (127, 17377), (129, 17395),

Gene: Dice_17 Start: 14399, Stop: 15199, Start Num: 19

Candidate Starts for Dice_17:

(Start: 19 @14399 has 291 MA's), (32, 14462), (38, 14519), (39, 14528), (40, 14531), (47, 14627), (53, 14663), (68, 14780), (82, 14912), (84, 14927), (86, 14948), (89, 14978), (98, 15047), (104, 15098), (106, 15119), (109, 15173), (110, 15176),

Gene: DigitDog_21 Start: 16468, Stop: 17304, Start Num: 12

Candidate Starts for DigitDog_21:

(6, 16399), (Start: 12 @16468 has 11 MA's), (Start: 21 @16501 has 53 MA's), (36, 16609), (37, 16615), (39, 16630), (40, 16633), (42, 16651), (53, 16765), (86, 17050), (89, 17080), (92, 17107), (98, 17149),

Gene: Dingo_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Dingo_18:

(Start: 19 @14684 has 291 MA's), (32, 14747), (38, 14804), (39, 14813), (40, 14816), (47, 14912), (53, 14948), (68, 15065), (82, 15197), (84, 15212), (86, 15233), (89, 15263), (98, 15332), (104, 15383), (106, 15404), (109, 15458), (110, 15461),

Gene: Dione_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Dione_17:

(Start: 19 @14400 has 291 MA's), (32, 14463), (38, 14520), (39, 14529), (40, 14532), (47, 14628), (53, 14664), (68, 14781), (82, 14913), (84, 14928), (86, 14949), (89, 14979), (98, 15048), (104, 15099), (106, 15120), (109, 15174), (110, 15177),

Gene: DirtJuice_18 Start: 14687, Stop: 15487, Start Num: 19

Candidate Starts for DirtJuice_18:

(Start: 19 @14687 has 291 MA's), (32, 14750), (38, 14807), (39, 14816), (40, 14819), (47, 14915), (53, 14951), (68, 15068), (82, 15200), (84, 15215), (86, 15236), (89, 15266), (98, 15335), (104, 15386), (106, 15407), (109, 15461), (110, 15464),

Gene: Doddsville_18 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Doddsville_18:

(Start: 19 @14412 has 291 MA's), (32, 14475), (38, 14532), (39, 14541), (40, 14544), (47, 14640), (53, 14676), (68, 14793), (82, 14925), (84, 14940), (86, 14961), (89, 14991), (98, 15060), (104, 15111), (106, 15132), (109, 15186), (110, 15189),

Gene: DoesntMatter_18 Start: 14681, Stop: 15481, Start Num: 19

Candidate Starts for DoesntMatter_18:

(Start: 19 @14681 has 291 MA's), (32, 14744), (38, 14801), (39, 14810), (40, 14813), (47, 14909), (53, 14945), (68, 15062), (82, 15194), (84, 15209), (86, 15230), (89, 15260), (98, 15329), (104, 15380), (106, 15401), (109, 15455), (110, 15458),

Gene: DolOn_19 Start: 14934, Stop: 15734, Start Num: 19

Candidate Starts for DolOn_19:

(Start: 19 @14934 has 291 MA's), (32, 14997), (38, 15054), (39, 15063), (40, 15066), (47, 15162), (53, 15198), (68, 15315), (82, 15447), (84, 15462), (86, 15483), (89, 15513), (98, 15582), (104, 15633), (106, 15654), (109, 15708), (110, 15711),

Gene: DonSanchon_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for DonSanchon_17:

(Start: 19 @14400 has 291 MA's), (32, 14463), (38, 14520), (39, 14529), (40, 14532), (47, 14628), (53, 14664), (68, 14781), (82, 14913), (84, 14928), (86, 14949), (89, 14979), (98, 15048), (104, 15099), (106, 15120), (109, 15174), (110, 15177),

Gene: DonTron_49 Start: 27098, Stop: 27841, Start Num: 24

Candidate Starts for DonTron_49:

(Start: 24 @27098 has 5 MA's), (25, 27104), (35, 27188), (40, 27227), (45, 27278), (53, 27359), (54, 27377), (62, 27428), (63, 27434), (64, 27446), (75, 27533), (77, 27566), (85, 27635), (98, 27743),

Gene: Donny_20 Start: 16509, Stop: 17345, Start Num: 12

Candidate Starts for Donny_20:

(3, 16398), (Start: 12 @16509 has 11 MA's), (Start: 21 @16542 has 53 MA's), (35, 16635), (36, 16650), (37, 16656), (39, 16671), (40, 16674), (42, 16692), (53, 16806), (86, 17091), (89, 17121), (95, 17160), (98, 17190), (106, 17262),

Gene: Dori_17 Start: 13328, Stop: 14131, Start Num: 21

Candidate Starts for Dori_17:

(Start: 21 @13328 has 53 MA's), (26, 13340), (28, 13355), (30, 13364), (31, 13373), (40, 13457), (45, 13508), (55, 13610), (56, 13613), (60, 13640), (65, 13679), (67, 13688), (74, 13757), (80, 13820), (95, 13946), (101, 14000),

Gene: DuchessDung_17 Start: 14252, Stop: 15052, Start Num: 19

Candidate Starts for DuchessDung_17:

(Start: 19 @14252 has 291 MA's), (32, 14315), (38, 14372), (39, 14381), (40, 14384), (47, 14480), (53, 14516), (68, 14633), (82, 14765), (84, 14780), (86, 14801), (89, 14831), (98, 14900), (104, 14951), (106, 14972), (109, 15026), (110, 15029),

Gene: Duggie_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for Duggie_17:

(Start: 19 @14414 has 291 MA's), (32, 14477), (38, 14534), (39, 14543), (40, 14546), (47, 14642), (53, 14678), (68, 14795), (82, 14927), (84, 14942), (86, 14963), (89, 14993), (98, 15062), (104, 15113), (106, 15134), (109, 15188), (110, 15191),

Gene: Durga_18 Start: 14713, Stop: 15513, Start Num: 19

Candidate Starts for Durga_18:

(Start: 19 @14713 has 291 MA's), (32, 14776), (38, 14833), (39, 14842), (40, 14845), (47, 14941), (53, 14977), (68, 15094), (82, 15226), (84, 15241), (86, 15262), (89, 15292), (98, 15361), (104, 15412), (106, 15433), (109, 15487), (110, 15490),

Gene: Eaglehorse_21 Start: 17600, Stop: 18676, Start Num: 20

Candidate Starts for Eaglehorse_21:

(Start: 20 @17600 has 53 MA's), (26, 17615), (27, 17618), (40, 17732), (44, 17777), (64, 17951), (66, 17957), (70, 17999), (73, 18026), (82, 18110), (86, 18146), (89, 18176), (101, 18263), (103, 18293), (110, 18371), (116, 18404), (117, 18413), (120, 18518), (125, 18587), (126, 18596), (128, 18617), (131, 18665),

Gene: EastView9101_20 Start: 16515, Stop: 17351, Start Num: 12

Candidate Starts for EastView9101_20:

(4, 16431), (Start: 12 @16515 has 11 MA's), (Start: 21 @16548 has 53 MA's), (36, 16656), (37, 16662), (39, 16677), (40, 16680), (42, 16698), (53, 16812), (86, 17097), (89, 17127), (95, 17166), (98, 17196), (106, 17268), (113, 17346),

Gene: ElvisPhasley_18 Start: 14712, Stop: 15512, Start Num: 19

Candidate Starts for ElvisPhasley_18:

(Start: 19 @14712 has 291 MA's), (32, 14775), (38, 14832), (39, 14841), (40, 14844), (47, 14940), (53, 14976), (68, 15093), (82, 15225), (84, 15240), (86, 15261), (89, 15291), (98, 15360), (104, 15411), (109, 15486), (110, 15489),

Gene: Emiris_18 Start: 14694, Stop: 15494, Start Num: 19

Candidate Starts for Emiris_18:

(Start: 19 @14694 has 291 MA's), (32, 14757), (38, 14814), (39, 14823), (40, 14826), (47, 14922), (53, 14958), (68, 15075), (82, 15207), (84, 15222), (86, 15243), (89, 15273), (98, 15342), (104, 15393), (106, 15414), (109, 15468), (110, 15471),

Gene: EmpTee_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for EmpTee_18:

(Start: 19 @14700 has 291 MA's), (32, 14763), (39, 14829), (40, 14832), (47, 14928), (53, 14964), (68, 15081), (82, 15213), (84, 15228), (86, 15249), (89, 15279), (98, 15348), (104, 15399), (106, 15420), (109, 15474), (110, 15477),

Gene: Epah_17 Start: 15373, Stop: 16179, Start Num: 21

Candidate Starts for Epah_17:

(Start: 21 @15373 has 53 MA's), (32, 15436), (39, 15502), (40, 15505), (42, 15523), (50, 15616), (53, 15637), (55, 15658), (72, 15793), (82, 15886), (89, 15952), (93, 15985), (94, 15988), (98, 16021), (104, 16072), (106, 16093), (110, 16150),

Gene: Eremos_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Eremos_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Etaye_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Etaye_18:

(Start: 19 @14684 has 291 MA's), (32, 14747), (38, 14804), (39, 14813), (40, 14816), (47, 14912), (53, 14948), (68, 15065), (82, 15197), (84, 15212), (86, 15233), (89, 15263), (98, 15332), (104, 15383), (106, 15404), (109, 15458), (110, 15461),

Gene: Eugenia_18 Start: 14712, Stop: 15512, Start Num: 19

Candidate Starts for Eugenia_18:

(Start: 19 @14712 has 291 MA's), (32, 14775), (38, 14832), (39, 14841), (40, 14844), (47, 14940), (53, 14976), (68, 15093), (82, 15225), (84, 15240), (86, 15261), (89, 15291), (98, 15360), (104, 15411), (106, 15432), (109, 15486), (110, 15489),

Gene: Evaa_19 Start: 15945, Stop: 16754, Start Num: 18

Candidate Starts for Evaa_19:

(15, 15936), (Start: 18 @15945 has 54 MA's), (27, 15963), (35, 16038), (40, 16077), (45, 16128), (50, 16188), (53, 16209), (55, 16230), (79, 16428), (86, 16491), (98, 16593),

Gene: Fanaw_18 Start: 16467, Stop: 17273, Start Num: 21

Candidate Starts for Fanaw_18:

(Start: 21 @16467 has 53 MA's), (32, 16530), (39, 16596), (40, 16599), (42, 16617), (50, 16710), (53, 16731), (55, 16752), (67, 16830), (72, 16887), (82, 16980), (86, 17016), (94, 17082), (98, 17115), (100, 17127), (101, 17130), (104, 17166),

Gene: Fang_18 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for Fang_18:

(Start: 19 @14715 has 291 MA's), (32, 14778), (38, 14835), (39, 14844), (40, 14847), (47, 14943), (53, 14979), (68, 15096), (82, 15228), (84, 15243), (86, 15264), (89, 15294), (98, 15363), (104, 15414), (106, 15435), (109, 15489), (110, 15492),

Gene: Faze9_21 Start: 17693, Stop: 18772, Start Num: 20

Candidate Starts for Faze9_21:

(Start: 20 @17693 has 53 MA's), (26, 17708), (27, 17711), (40, 17825), (44, 17870), (64, 18044), (66, 18050), (70, 18092), (73, 18119), (82, 18203), (86, 18239), (89, 18269), (98, 18341), (101, 18356), (103, 18386), (110, 18464), (116, 18497), (117, 18506), (120, 18611), (125, 18680), (126, 18689), (131, 18758),

Gene: FelixTres_20 Start: 16091, Stop: 16900, Start Num: 20

Candidate Starts for FelixTres_20:

(Start: 20 @16091 has 53 MA's), (27, 16109), (35, 16184), (40, 16223), (44, 16268), (53, 16355), (55, 16376), (57, 16394), (59, 16400), (64, 16442), (86, 16637), (98, 16739), (106, 16811), (110, 16868),

Gene: Flake_18 Start: 14716, Stop: 15516, Start Num: 19

Candidate Starts for Flake_18:

(Start: 19 @14716 has 291 MA's), (32, 14779), (38, 14836), (39, 14845), (40, 14848), (47, 14944), (53, 14980), (68, 15097), (82, 15229), (84, 15244), (86, 15265), (89, 15295), (98, 15364), (104, 15415), (106, 15436), (109, 15490), (110, 15493),

Gene: FleetyMac_17 Start: 14697, Stop: 15497, Start Num: 19

Candidate Starts for FleetyMac_17:

(Start: 19 @14697 has 291 MA's), (32, 14760), (38, 14817), (39, 14826), (40, 14829), (47, 14925), (53, 14961), (68, 15078), (82, 15210), (84, 15225), (86, 15246), (89, 15276), (98, 15345), (104, 15396), (106, 15417), (109, 15471), (110, 15474),

Gene: FluffyNinja_18 Start: 14703, Stop: 15503, Start Num: 19

Candidate Starts for FluffyNinja_18:

(Start: 19 @14703 has 291 MA's), (32, 14766), (38, 14823), (39, 14832), (40, 14835), (47, 14931), (53, 14967), (68, 15084), (82, 15216), (84, 15231), (86, 15252), (89, 15282), (98, 15351), (104, 15402), (106, 15423), (109, 15477), (110, 15480),

Gene: ForDig_16 Start: 14970, Stop: 15776, Start Num: 21

Candidate Starts for ForDig_16:

(Start: 21 @14970 has 53 MA's), (39, 15099), (40, 15102), (41, 15114), (50, 15213), (52, 15228), (53, 15234), (68, 15357), (86, 15525), (88, 15540), (89, 15555), (104, 15675),

Gene: Fortunato_18 Start: 16431, Stop: 17237, Start Num: 21

Candidate Starts for Fortunato_18:

(Start: 21 @16431 has 53 MA's), (32, 16494), (39, 16560), (40, 16563), (42, 16581), (50, 16674), (53, 16695), (55, 16716), (67, 16794), (72, 16851), (82, 16944), (94, 17046), (98, 17079), (100, 17091), (101, 17094), (104, 17130),

Gene: Fozzie_17 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for Fozzie_17:

(Start: 19 @14709 has 291 MA's), (32, 14772), (38, 14829), (39, 14838), (40, 14841), (47, 14937), (53, 14973), (68, 15090), (82, 15222), (84, 15237), (86, 15258), (89, 15288), (98, 15357), (104, 15408), (106, 15429), (109, 15483), (110, 15486),

Gene: Frankicide_18 Start: 14701, Stop: 15501, Start Num: 19

Candidate Starts for Frankicide_18:

(Start: 19 @14701 has 291 MA's), (32, 14764), (38, 14821), (39, 14830), (40, 14833), (47, 14929), (53, 14965), (68, 15082), (82, 15214), (84, 15229), (86, 15250), (89, 15280), (98, 15349), (104, 15400), (106, 15421), (109, 15475), (110, 15478),

Gene: Frederick_18 Start: 16440, Stop: 17246, Start Num: 21

Candidate Starts for Frederick_18:

(Start: 21 @16440 has 53 MA's), (32, 16503), (39, 16569), (40, 16572), (42, 16590), (50, 16683), (53, 16704), (55, 16725), (67, 16803), (72, 16860), (82, 16953), (94, 17055), (98, 17088), (100, 17100), (101, 17103), (104, 17139),

Gene: FremontTroll_18 Start: 14398, Stop: 15198, Start Num: 19

Candidate Starts for FremontTroll_18:

(Start: 19 @14398 has 291 MA's), (32, 14461), (38, 14518), (39, 14527), (40, 14530), (47, 14626), (53, 14662), (68, 14779), (82, 14911), (84, 14926), (86, 14947), (89, 14977), (98, 15046), (104, 15097), (106, 15118), (109, 15172), (110, 15175),

Gene: FrenchFry_21 Start: 17696, Stop: 18775, Start Num: 20

Candidate Starts for FrenchFry_21:

(Start: 20 @17696 has 53 MA's), (26, 17711), (27, 17714), (40, 17828), (44, 17873), (64, 18047), (66, 18053), (70, 18095), (73, 18122), (82, 18206), (86, 18242), (89, 18272), (98, 18344), (101, 18359), (103, 18389), (110, 18467), (116, 18500), (117, 18509), (120, 18614), (125, 18683), (126, 18692), (131, 18761),

Gene: Fresco_18 Start: 14690, Stop: 15502, Start Num: 21

Candidate Starts for Fresco_18:

(Start: 21 @14690 has 53 MA's), (27, 14708), (35, 14783), (38, 14810), (40, 14822), (44, 14867), (53, 14954), (55, 14975), (82, 15200), (85, 15230), (86, 15236), (98, 15338), (106, 15410), (110, 15467),

Gene: Freya_17 Start: 14395, Stop: 15195, Start Num: 19

Candidate Starts for Freya_17:

(Start: 19 @14395 has 291 MA's), (32, 14458), (38, 14515), (39, 14524), (40, 14527), (47, 14623), (53, 14659), (68, 14776), (82, 14908), (84, 14923), (86, 14944), (89, 14974), (98, 15043), (104, 15094), (106, 15115), (109, 15169), (110, 15172),

Gene: FriarPreacher_18 Start: 14720, Stop: 15520, Start Num: 19

Candidate Starts for FriarPreacher_18:

(Start: 19 @14720 has 291 MA's), (32, 14783), (38, 14840), (39, 14849), (40, 14852), (47, 14948), (53, 14984), (68, 15101), (82, 15233), (84, 15248), (86, 15269), (89, 15299), (98, 15368), (104, 15419), (106, 15440), (109, 15494), (110, 15497),

Gene: Fringe_18 Start: 14682, Stop: 15482, Start Num: 19

Candidate Starts for Fringe_18:

(Start: 19 @14682 has 291 MA's), (32, 14745), (38, 14802), (39, 14811), (40, 14814), (47, 14910), (53, 14946), (68, 15063), (82, 15195), (84, 15210), (86, 15231), (89, 15261), (98, 15330), (104, 15381), (106, 15402), (109, 15456), (110, 15459),

Gene: FugateOSU_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for FugateOSU_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Funsized_22 Start: 18420, Stop: 19223, Start Num: 21

Candidate Starts for Funsized_22:

(Start: 21 @18420 has 53 MA's), (32, 18486), (35, 18516), (36, 18531), (38, 18543), (39, 18552), (40, 18555), (50, 18666), (53, 18687), (66, 18780), (78, 18906), (82, 18936), (89, 19002), (96, 19047), (98, 19071), (104, 19116), (106, 19137), (108, 19149),

Gene: Gadget_22 Start: 16361, Stop: 17440, Start Num: 18

Candidate Starts for Gadget_22:

(Start: 18 @16361 has 54 MA's), (26, 16379), (29, 16397), (35, 16457), (39, 16493), (62, 16697), (82, 16874), (96, 16988), (98, 17012), (110, 17141), (122, 17294), (126, 17363), (127, 17381), (129, 17399),

Gene: Gareth_17 Start: 14403, Stop: 15203, Start Num: 19

Candidate Starts for Gareth_17:

(Start: 19 @14403 has 291 MA's), (32, 14466), (38, 14523), (39, 14532), (40, 14535), (47, 14631), (53, 14667), (68, 14784), (82, 14916), (84, 14931), (86, 14952), (89, 14982), (98, 15051), (104, 15102), (106, 15123), (109, 15177), (110, 15180),

Gene: GeneCoco_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for GeneCoco_18:

(Start: 19 @14705 has 291 MA's), (32, 14768), (38, 14825), (39, 14834), (40, 14837), (47, 14933), (53, 14969), (68, 15086), (82, 15218), (84, 15233), (86, 15254), (89, 15284), (98, 15353), (104, 15404), (109, 15479), (110, 15482),

Gene: Gervas_21 Start: 16340, Stop: 17419, Start Num: 18

Candidate Starts for Gervas_21:

(Start: 18 @16340 has 54 MA's), (26, 16358), (29, 16376), (35, 16436), (39, 16472), (62, 16676), (82, 16853), (96, 16967), (98, 16991), (110, 17120), (122, 17273), (126, 17342), (127, 17360), (129, 17378),

Gene: GinPorsche_17 Start: 15373, Stop: 16179, Start Num: 21

Candidate Starts for GinPorsche_17:

(Start: 21 @15373 has 53 MA's), (32, 15436), (39, 15502), (40, 15505), (42, 15523), (50, 15616), (53, 15637), (55, 15658), (72, 15793), (82, 15886), (89, 15952), (93, 15985), (94, 15988), (98, 16021), (104, 16072), (106, 16093), (110, 16150),

Gene: Giraffe_18 Start: 14407, Stop: 15207, Start Num: 19

Candidate Starts for Giraffe_18:

(Start: 19 @14407 has 291 MA's), (32, 14470), (38, 14527), (39, 14536), (40, 14539), (47, 14635), (53, 14671), (68, 14788), (82, 14920), (84, 14935), (86, 14956), (89, 14986), (98, 15055), (104, 15106), (106, 15127), (109, 15181), (110, 15184),

Gene: Glass_21 Start: 17696, Stop: 18775, Start Num: 20

Candidate Starts for Glass_21:

(Start: 20 @17696 has 53 MA's), (26, 17711), (27, 17714), (40, 17828), (44, 17873), (64, 18047), (66, 18053), (70, 18095), (73, 18122), (82, 18206), (86, 18242), (89, 18272), (101, 18359), (103, 18389), (110, 18467), (116, 18500), (117, 18509), (120, 18614), (125, 18683), (126, 18692), (131, 18761),

Gene: GlenHope_22 Start: 16347, Stop: 17426, Start Num: 18

Candidate Starts for GlenHope_22:

(Start: 18 @16347 has 54 MA's), (26, 16365), (29, 16383), (35, 16443), (39, 16479), (62, 16683), (82, 16860), (96, 16974), (98, 16998), (110, 17127), (122, 17280), (126, 17349), (127, 17367), (129, 17385),

Gene: Glubnar_22 Start: 16362, Stop: 17441, Start Num: 18

Candidate Starts for Glubnar_22:

(Start: 18 @16362 has 54 MA's), (26, 16380), (29, 16398), (35, 16458), (39, 16494), (62, 16698), (82, 16875), (96, 16989), (98, 17013), (110, 17142), (122, 17295), (126, 17364), (127, 17382), (129, 17400),

Gene: GodPhather_16 Start: 15673, Stop: 16779, Start Num: 21

Candidate Starts for GodPhather_16:

(2, 15520), (7, 15595), (Start: 21 @15673 has 53 MA's), (27, 15688), (29, 15703), (35, 15763), (40, 15802), (42, 15820), (44, 15847), (45, 15853), (60, 15985), (64, 16021), (65, 16024), (70, 16069), (81,

16168), (89, 16246), (101, 16342), (102, 16357), (104, 16372), (110, 16447), (121, 16597), (123, 16612), (124, 16651), (130, 16714), (132, 16774),

Gene: Godines_21 Start: 17591, Stop: 18667, Start Num: 20

Candidate Starts for Godines_21:

(Start: 20 @17591 has 53 MA's), (26, 17606), (27, 17609), (40, 17723), (44, 17768), (55, 17876), (64, 17942), (70, 17990), (73, 18017), (82, 18101), (85, 18131), (86, 18137), (89, 18167), (101, 18254), (103, 18284), (110, 18362), (116, 18395), (117, 18404), (120, 18509), (125, 18578), (126, 18587), (128, 18608), (131, 18656),

Gene: Gophee_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Gophee_18:

(Start: 19 @14684 has 291 MA's), (32, 14747), (38, 14804), (39, 14813), (40, 14816), (47, 14912), (53, 14948), (68, 15065), (82, 15197), (84, 15212), (86, 15233), (89, 15263), (98, 15332), (104, 15383), (106, 15404), (109, 15458), (110, 15461),

Gene: Grand2040_17 Start: 14422, Stop: 15222, Start Num: 19

Candidate Starts for Grand2040_17:

(Start: 19 @14422 has 291 MA's), (32, 14485), (38, 14542), (39, 14551), (40, 14554), (47, 14650), (53, 14686), (68, 14803), (82, 14935), (84, 14950), (86, 14971), (89, 15001), (98, 15070), (104, 15121), (106, 15142), (109, 15196), (110, 15199),

Gene: GreenChile_18 Start: 14701, Stop: 15501, Start Num: 19

Candidate Starts for GreenChile_18:

(Start: 19 @14701 has 291 MA's), (32, 14764), (38, 14821), (39, 14830), (40, 14833), (47, 14929), (53, 14965), (68, 15082), (82, 15214), (84, 15229), (86, 15250), (89, 15280), (98, 15349), (104, 15400), (106, 15421), (109, 15475), (110, 15478),

Gene: Grumio_49 Start: 26536, Stop: 27279, Start Num: 24

Candidate Starts for Grumio_49:

(Start: 24 @26536 has 5 MA's), (25, 26542), (35, 26626), (40, 26665), (45, 26716), (53, 26797), (54, 26815), (62, 26866), (63, 26872), (64, 26884), (75, 26971), (77, 27004), (85, 27073), (98, 27181),

Gene: Gwennie1_18 Start: 14723, Stop: 15523, Start Num: 19

Candidate Starts for Gwennie1_18:

(Start: 19 @14723 has 291 MA's), (32, 14786), (38, 14843), (39, 14852), (40, 14855), (47, 14951), (53, 14987), (68, 15104), (82, 15236), (84, 15251), (86, 15272), (89, 15302), (98, 15371), (104, 15422), (106, 15443), (109, 15497), (110, 15500),

Gene: Gwilliam_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Gwilliam_18:

(Start: 19 @14696 has 291 MA's), (32, 14759), (38, 14816), (39, 14825), (40, 14828), (47, 14924), (53, 14960), (68, 15077), (82, 15209), (84, 15224), (86, 15245), (89, 15275), (98, 15344), (104, 15395), (106, 15416), (109, 15470), (110, 15473),

Gene: Gyarad_0018 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Gyarad_0018:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: HSavage_18 Start: 14707, Stop: 15507, Start Num: 19

Candidate Starts for HSavage_18:

(Start: 19 @14707 has 291 MA's), (32, 14770), (38, 14827), (39, 14836), (40, 14839), (47, 14935), (53, 14971), (68, 15088), (82, 15220), (84, 15235), (86, 15256), (89, 15286), (98, 15355), (104, 15406), (106, 15427), (109, 15481), (110, 15484),

Gene: Haimas_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Haimas_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Haleema_17 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Haleema_17:

(Start: 19 @14424 has 291 MA's), (32, 14487), (38, 14544), (39, 14553), (40, 14556), (47, 14652), (53, 14688), (68, 14805), (82, 14937), (84, 14952), (86, 14973), (89, 15003), (98, 15072), (104, 15123), (106, 15144), (109, 15198), (110, 15201),

Gene: Halfpint_20 Start: 16182, Stop: 17261, Start Num: 18

Candidate Starts for Halfpint_20:

(Start: 18 @16182 has 54 MA's), (26, 16200), (29, 16218), (35, 16278), (39, 16314), (62, 16518), (82, 16695), (96, 16809), (98, 16833), (110, 16962), (122, 17115), (126, 17184), (127, 17202), (129, 17220),

Gene: Hally898_17 Start: 15373, Stop: 16179, Start Num: 21

Candidate Starts for Hally898_17:

(Start: 21 @15373 has 53 MA's), (32, 15436), (39, 15502), (40, 15505), (42, 15523), (50, 15616), (53, 15637), (55, 15658), (72, 15793), (82, 15886), (89, 15952), (93, 15985), (94, 15988), (98, 16021), (104, 16072), (106, 16093), (110, 16150),

Gene: Hamish_18 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for Hamish_18:

(Start: 19 @14693 has 291 MA's), (32, 14756), (38, 14813), (39, 14822), (40, 14825), (47, 14921), (53, 14957), (68, 15074), (82, 15206), (84, 15221), (86, 15242), (89, 15272), (98, 15341), (104, 15392), (106, 15413), (109, 15467), (110, 15470),

Gene: Hangman_18 Start: 16440, Stop: 17246, Start Num: 21

Candidate Starts for Hangman_18:

(Start: 21 @16440 has 53 MA's), (32, 16503), (39, 16569), (40, 16572), (42, 16590), (50, 16683), (53, 16704), (55, 16725), (70, 16842), (72, 16860), (82, 16953), (89, 17019), (94, 17055), (98, 17088), (100, 17100), (101, 17103), (104, 17139),

Gene: Happabalu_18 Start: 14393, Stop: 15193, Start Num: 19

Candidate Starts for Happabalu_18:

(Start: 19 @14393 has 291 MA's), (32, 14456), (38, 14513), (39, 14522), (40, 14525), (47, 14621), (53, 14657), (68, 14774), (82, 14906), (84, 14921), (86, 14942), (89, 14972), (98, 15041), (104, 15092), (106, 15113), (109, 15167), (110, 15170),

Gene: Hartsy_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Hartsy_18:

(Start: 19 @14696 has 291 MA's), (32, 14759), (38, 14816), (39, 14825), (40, 14828), (47, 14924), (53, 14960), (68, 15077), (82, 15209), (84, 15224), (86, 15245), (89, 15275), (98, 15344), (104, 15395), (106, 15416), (109, 15470), (110, 15473),

Gene: Harvey_18 Start: 14721, Stop: 15521, Start Num: 19

Candidate Starts for Harvey_18:

(Start: 19 @14721 has 291 MA's), (32, 14784), (38, 14841), (39, 14850), (40, 14853), (47, 14949), (53, 14985), (68, 15102), (82, 15234), (84, 15249), (86, 15270), (89, 15300), (98, 15369), (104, 15420), (106, 15441), (109, 15495), (110, 15498),

Gene: HarveySr_21 Start: 16334, Stop: 17413, Start Num: 18

Candidate Starts for HarveySr_21:

(Start: 18 @16334 has 54 MA's), (26, 16352), (29, 16370), (35, 16430), (39, 16466), (62, 16670), (82, 16847), (96, 16961), (98, 16985), (110, 17114), (122, 17267), (126, 17336), (127, 17354), (129, 17372),

Gene: Hashim76_23 Start: 15905, Stop: 16705, Start Num: 19

Candidate Starts for Hashim76_23:

(Start: 19 @15905 has 291 MA's), (32, 15968), (39, 16034), (40, 16037), (53, 16169), (68, 16286), (72, 16325), (92, 16511), (98, 16553), (105, 16610),

Gene: Heath_18 Start: 16437, Stop: 17243, Start Num: 21

Candidate Starts for Heath_18:

(Start: 21 @16437 has 53 MA's), (32, 16500), (39, 16566), (40, 16569), (42, 16587), (50, 16680), (53, 16701), (55, 16722), (72, 16857), (82, 16950), (93, 17049), (94, 17052), (98, 17085), (100, 17097), (101, 17100), (104, 17136),

Gene: Heathcliff_21 Start: 16319, Stop: 17398, Start Num: 18

Candidate Starts for Heathcliff_21:

(Start: 18 @16319 has 54 MA's), (26, 16337), (29, 16355), (35, 16415), (39, 16451), (62, 16655), (82, 16832), (96, 16946), (98, 16970), (110, 17099), (122, 17252), (126, 17321), (127, 17339), (129, 17357),

Gene: Hedgerow_21 Start: 17678, Stop: 18757, Start Num: 20

Candidate Starts for Hedgerow_21:

(Start: 20 @17678 has 53 MA's), (26, 17693), (27, 17696), (40, 17810), (44, 17855), (64, 18029), (66, 18035), (70, 18077), (73, 18104), (82, 18188), (86, 18224), (89, 18254), (101, 18341), (103, 18371), (110, 18449), (116, 18482), (117, 18491), (120, 18596), (125, 18665), (126, 18674), (131, 18743),

Gene: Hekos_17 Start: 14423, Stop: 15223, Start Num: 19

Candidate Starts for Hekos_17:

(Start: 19 @14423 has 291 MA's), (32, 14486), (38, 14543), (39, 14552), (40, 14555), (47, 14651), (53, 14687), (68, 14804), (82, 14936), (84, 14951), (86, 14972), (89, 15002), (98, 15071), (104, 15122), (106, 15143), (109, 15197), (110, 15200),

Gene: Held_18 Start: 14407, Stop: 15207, Start Num: 19

Candidate Starts for Held_18:

(Start: 19 @14407 has 291 MA's), (32, 14470), (38, 14527), (39, 14536), (40, 14539), (47, 14635), (53, 14671), (68, 14788), (82, 14920), (84, 14935), (86, 14956), (89, 14986), (98, 15055), (104, 15106), (106, 15127), (109, 15181), (110, 15184),

Gene: HenryJackson_17 Start: 14421, Stop: 15221, Start Num: 19

Candidate Starts for HenryJackson_17:

(Start: 19 @14421 has 291 MA's), (32, 14484), (38, 14541), (39, 14550), (40, 14553), (47, 14649), (53, 14685), (68, 14802), (82, 14934), (84, 14949), (86, 14970), (89, 15000), (98, 15069), (104, 15120), (106, 15141), (109, 15195), (110, 15198),

Gene: Hertubise_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Hertubise_18:

(Start: 19 @14714 has 291 MA's), (32, 14777), (38, 14834), (39, 14843), (40, 14846), (47, 14942), (53, 14978), (68, 15095), (82, 15227), (84, 15242), (86, 15263), (89, 15293), (98, 15362), (104, 15413), (106, 15434), (109, 15488), (110, 15491),

Gene: Hetaeria_18 Start: 14717, Stop: 15517, Start Num: 19

Candidate Starts for Hetaeria_18:

(Start: 19 @14717 has 291 MA's), (32, 14780), (38, 14837), (39, 14846), (40, 14849), (47, 14945), (53, 14981), (68, 15098), (82, 15230), (84, 15245), (86, 15266), (89, 15296), (98, 15365), (104, 15416), (106, 15437), (109, 15491), (110, 15494),

Gene: HighStump_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for HighStump_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Hocus_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Hocus_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: HogWash_17 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for HogWash_17:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: Holeinone_21 Start: 17578, Stop: 18654, Start Num: 20

Candidate Starts for Holeinone_21:

(Start: 20 @17578 has 53 MA's), (26, 17593), (27, 17596), (40, 17710), (64, 17929), (66, 17935), (70, 17977), (73, 18004), (82, 18088), (86, 18124), (89, 18154), (101, 18241), (103, 18271), (110, 18349), (116, 18382), (117, 18391), (120, 18496), (125, 18565), (126, 18574), (128, 18595), (131, 18643),

Gene: Horchata_18 Start: 14686, Stop: 15486, Start Num: 19

Candidate Starts for Horchata_18:

(Start: 19 @14686 has 291 MA's), (32, 14749), (38, 14806), (39, 14815), (40, 14818), (47, 14914), (53, 14950), (68, 15067), (82, 15199), (84, 15214), (86, 15235), (89, 15265), (98, 15334), (104, 15385), (106, 15406), (109, 15460), (110, 15463),

Gene: Hosp_014 Start: 13184, Stop: 13993, Start Num: 21

Candidate Starts for Hosp_014:

(14, 13157), (16, 13175), (Start: 21 @13184 has 53 MA's), (39, 13313), (40, 13316), (50, 13427), (52, 13442), (53, 13448), (68, 13571), (86, 13739), (89, 13769), (104, 13889), (110, 13967), (112, 13982),

Gene: Hydro_18 Start: 16437, Stop: 17243, Start Num: 21

Candidate Starts for Hydro_18:

(Start: 21 @16437 has 53 MA's), (32, 16500), (39, 16566), (40, 16569), (42, 16587), (50, 16680), (53, 16701), (55, 16722), (70, 16839), (72, 16857), (82, 16950), (94, 17052), (98, 17085), (100, 17097), (101, 17100), (104, 17136),

Gene: ImtiyazSitla_17 Start: 14246, Stop: 15046, Start Num: 19

Candidate Starts for ImtiyazSitla_17:

(Start: 19 @14246 has 291 MA's), (32, 14309), (38, 14366), (39, 14375), (40, 14378), (47, 14474), (53, 14510), (68, 14627), (82, 14759), (84, 14774), (86, 14795), (89, 14825), (98, 14894), (104, 14945), (106, 14966), (109, 15020), (110, 15023),

Gene: Imvubu_15 Start: 13940, Stop: 14740, Start Num: 21

Candidate Starts for Imvubu_15:

(Start: 21 @13940 has 53 MA's), (32, 14006), (33, 14012), (36, 14051), (40, 14075), (45, 14126), (50, 14186), (51, 14198), (52, 14201), (53, 14207), (66, 14300), (82, 14456), (92, 14549), (96, 14567), (98, 14591), (104, 14636), (106, 14657), (111, 14729),

Gene: Inchworm_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Inchworm_18:

(Start: 19 @14690 has 291 MA's), (32, 14753), (38, 14810), (39, 14819), (40, 14822), (47, 14918), (53, 14954), (68, 15071), (82, 15203), (84, 15218), (86, 15239), (89, 15269), (98, 15338), (104, 15389), (106, 15410), (109, 15464), (110, 15467),

Gene: Indlovu_18 Start: 16278, Stop: 17087, Start Num: 21

Candidate Starts for Indlovu_18:

(Start: 21 @16278 has 53 MA's), (32, 16344), (40, 16413), (45, 16464), (51, 16536), (52, 16539), (53, 16545), (58, 16587), (64, 16632), (70, 16683), (78, 16764), (82, 16794), (92, 16896), (98, 16938), (104, 16983),

Gene: Inverness_18 Start: 14707, Stop: 15507, Start Num: 19

Candidate Starts for Inverness_18:

(Start: 19 @14707 has 291 MA's), (32, 14770), (38, 14827), (39, 14836), (40, 14839), (47, 14935), (53, 14971), (68, 15088), (82, 15220), (84, 15235), (86, 15256), (89, 15286), (98, 15355), (104, 15406), (106, 15427), (109, 15481), (110, 15484),

Gene: Iridessa_18 Start: 14375, Stop: 15175, Start Num: 19

Candidate Starts for Iridessa_18:

(Start: 19 @14375 has 291 MA's), (32, 14438), (38, 14495), (39, 14504), (40, 14507), (47, 14603), (53, 14639), (68, 14756), (82, 14888), (84, 14903), (86, 14924), (89, 14954), (98, 15023), (104, 15074), (106, 15095), (109, 15149), (110, 15152),

Gene: Iridoclysis_18 Start: 14679, Stop: 15479, Start Num: 19

Candidate Starts for Iridoclysis_18:

(Start: 19 @14679 has 291 MA's), (32, 14742), (38, 14799), (39, 14808), (40, 14811), (47, 14907), (53, 14943), (68, 15060), (82, 15192), (84, 15207), (86, 15228), (89, 15258), (98, 15327), (104, 15378), (106, 15399), (109, 15453), (110, 15456),

Gene: IsaacEli_18 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for IsaacEli_18:

(Start: 19 @14711 has 291 MA's), (32, 14774), (38, 14831), (39, 14840), (40, 14843), (47, 14939), (53, 14975), (68, 15092), (82, 15224), (84, 15239), (86, 15260), (89, 15290), (98, 15359), (104, 15410), (106, 15431), (109, 15485), (110, 15488),

Gene: ItsyBitsy1_21 Start: 17570, Stop: 18646, Start Num: 20

Candidate Starts for ItsyBitsy1_21:

(Start: 20 @17570 has 53 MA's), (26, 17585), (27, 17588), (40, 17702), (44, 17747), (55, 17855), (64, 17921), (66, 17927), (70, 17969), (73, 17996), (82, 18080), (86, 18116), (89, 18146), (98, 18218), (101, 18233), (103, 18263), (110, 18341), (116, 18374), (117, 18383), (120, 18488), (125, 18557), (126, 18566), (128, 18587), (131, 18635),

Gene: JAMaL_18 Start: 16621, Stop: 17427, Start Num: 21

Candidate Starts for JAMaL_18:

(Start: 21 @16621 has 53 MA's), (32, 16684), (39, 16750), (40, 16753), (42, 16771), (50, 16864), (53, 16885), (55, 16906), (72, 17041), (82, 17134), (89, 17200), (93, 17233), (94, 17236), (98, 17269), (104, 17320), (106, 17341), (110, 17398),

Gene: JDog_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for JDog_17:

(Start: 19 @14414 has 291 MA's), (32, 14477), (38, 14534), (39, 14543), (40, 14546), (47, 14642), (53, 14678), (68, 14795), (82, 14927), (84, 14942), (86, 14963), (89, 14993), (98, 15062), (104, 15113), (106, 15134), (109, 15188), (110, 15191),

Gene: JacAttac_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for JacAttac_18:

(Start: 19 @14690 has 291 MA's), (32, 14753), (38, 14810), (39, 14819), (40, 14822), (47, 14918), (53, 14954), (68, 15071), (82, 15203), (84, 15218), (86, 15239), (89, 15269), (98, 15338), (104, 15389), (106, 15410), (109, 15464), (110, 15467),

Gene: Jackstina_20 Start: 16283, Stop: 17362, Start Num: 18

Candidate Starts for Jackstina_20:

(Start: 18 @16283 has 54 MA's), (26, 16301), (29, 16319), (35, 16379), (39, 16415), (62, 16619), (82, 16796), (96, 16910), (98, 16934), (110, 17063), (122, 17216), (126, 17285), (127, 17303), (129, 17321),

Gene: JaguarMi_19 Start: 16267, Stop: 17073, Start Num: 21

Candidate Starts for JaguarMi_19:

(Start: 21 @16267 has 53 MA's), (32, 16330), (40, 16399), (42, 16417), (50, 16510), (53, 16531), (55, 16552), (72, 16687), (82, 16780), (94, 16882), (98, 16915), (100, 16927), (101, 16930), (104, 16966),

Gene: JakeO_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for JakeO_17:

(Start: 19 @14414 has 291 MA's), (32, 14477), (38, 14534), (39, 14543), (40, 14546), (47, 14642), (53, 14678), (68, 14795), (82, 14927), (84, 14942), (86, 14963), (89, 14993), (98, 15062), (104, 15113), (106, 15134), (109, 15188), (110, 15191),

Gene: JangoPhett_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for JangoPhett_18:

(Start: 19 @14691 has 291 MA's), (32, 14754), (38, 14811), (39, 14820), (40, 14823), (47, 14919), (53, 14955), (68, 15072), (82, 15204), (84, 15219), (86, 15240), (89, 15270), (98, 15339), (104, 15390), (106, 15411), (109, 15465), (110, 15468),

Gene: JellyBelly_18 Start: 14586, Stop: 15398, Start Num: 20

Candidate Starts for JellyBelly_18:

(Start: 20 @14586 has 53 MA's), (27, 14604), (40, 14718), (45, 14769), (53, 14850), (55, 14871), (57, 14889), (79, 15069), (85, 15126), (86, 15132), (95, 15204), (98, 15234), (106, 15306), (110, 15363),

Gene: Jeon_15 Start: 15415, Stop: 16521, Start Num: 21

Candidate Starts for Jeon_15:

(2, 15262), (7, 15337), (Start: 21 @15415 has 53 MA's), (27, 15430), (29, 15445), (35, 15505), (40, 15544), (42, 15562), (44, 15589), (45, 15595), (60, 15727), (64, 15763), (65, 15766), (70, 15811), (81, 15910), (89, 15988), (101, 16084), (102, 16099), (104, 16114), (110, 16189), (121, 16339), (123, 16354), (124, 16393), (130, 16456), (132, 16516),

Gene: Jesabah_18 Start: 14419, Stop: 15219, Start Num: 19

Candidate Starts for Jesabah_18:

(Start: 19 @14419 has 291 MA's), (32, 14482), (38, 14539), (39, 14548), (40, 14551), (47, 14647), (53, 14683), (68, 14800), (82, 14932), (84, 14947), (86, 14968), (89, 14998), (98, 15067), (104, 15118), (106, 15139), (109, 15193), (110, 15196),

Gene: Jillium_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Jillium_17:

(Start: 19 @14412 has 291 MA's), (32, 14475), (38, 14532), (39, 14541), (40, 14544), (47, 14640), (53, 14676), (68, 14793), (82, 14925), (84, 14940), (86, 14961), (89, 14991), (98, 15060), (104, 15111), (106, 15132), (109, 15186), (110, 15189),

Gene: Jiminy_17 Start: 14254, Stop: 15054, Start Num: 19

Candidate Starts for Jiminy_17:

(Start: 19 @14254 has 291 MA's), (32, 14317), (38, 14374), (39, 14383), (40, 14386), (47, 14482), (53, 14518), (68, 14635), (82, 14767), (84, 14782), (86, 14803), (89, 14833), (98, 14902), (104, 14953), (109, 15028), (110, 15031),

Gene: Jiraiya_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for Jiraiya_17:

(Start: 19 @14414 has 291 MA's), (32, 14477), (38, 14534), (39, 14543), (40, 14546), (47, 14642), (53, 14678), (68, 14795), (82, 14927), (84, 14942), (86, 14963), (89, 14993), (98, 15062), (104, 15113), (106, 15134), (109, 15188), (110, 15191),

Gene: JohnLord_17 Start: 13031, Stop: 13834, Start Num: 21

Candidate Starts for JohnLord_17:

(Start: 21 @13031 has 53 MA's), (26, 13043), (28, 13058), (30, 13067), (31, 13076), (40, 13160), (45, 13211), (55, 13313), (56, 13316), (60, 13343), (65, 13382), (67, 13391), (74, 13460), (80, 13523), (95, 13649), (101, 13703),

Gene: Jolie1_016 Start: 14954, Stop: 15760, Start Num: 21

Candidate Starts for Jolie1_016:

(Start: 21 @14954 has 53 MA's), (39, 15083), (40, 15086), (41, 15098), (50, 15197), (52, 15212), (53, 15218), (68, 15341), (86, 15509), (88, 15524), (89, 15539), (104, 15659),

Gene: Jollymon_49 Start: 27058, Stop: 27801, Start Num: 24

Candidate Starts for Jollymon_49:

(Start: 24 @27058 has 5 MA's), (25, 27064), (35, 27148), (40, 27187), (45, 27238), (53, 27319), (54, 27337), (62, 27388), (63, 27394), (64, 27406), (75, 27493), (77, 27526), (82, 27565), (85, 27595), (98, 27703),

Gene: JoyceMaria_18 Start: 16440, Stop: 17246, Start Num: 21

Candidate Starts for JoyceMaria_18:

(Start: 21 @16440 has 53 MA's), (32, 16503), (39, 16569), (40, 16572), (42, 16590), (50, 16683), (53, 16704), (55, 16725), (70, 16842), (72, 16860), (82, 16953), (89, 17019), (94, 17055), (98, 17088), (100, 17100), (101, 17103), (104, 17139),

Gene: KLUcky39_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for KLUcky39_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Kahve_17 Start: 14421, Stop: 15221, Start Num: 19

Candidate Starts for Kahve_17:

(Start: 19 @14421 has 291 MA's), (32, 14484), (38, 14541), (39, 14550), (40, 14553), (47, 14649), (53, 14685), (68, 14802), (82, 14934), (84, 14949), (86, 14970), (89, 15000), (98, 15069), (104, 15120), (106, 15141), (109, 15195), (110, 15198),

Gene: Kailash_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Kailash_18:

(Start: 19 @14708 has 291 MA's), (32, 14771), (38, 14828), (39, 14837), (40, 14840), (47, 14936), (53, 14972), (68, 15089), (82, 15221), (84, 15236), (86, 15257), (89, 15287), (98, 15356), (104, 15407), (106, 15428), (109, 15482), (110, 15485),

Gene: Kaleb_21 Start: 17696, Stop: 18772, Start Num: 20

Candidate Starts for Kaleb_21:

(Start: 20 @17696 has 53 MA's), (26, 17711), (27, 17714), (40, 17828), (44, 17873), (64, 18047), (66, 18053), (70, 18095), (73, 18122), (82, 18206), (86, 18242), (89, 18272), (101, 18359), (103, 18389), (110, 18467), (116, 18500), (117, 18509), (120, 18614), (125, 18683), (126, 18692), (128, 18713), (131, 18761),

Gene: Kamiyu_21 Start: 16328, Stop: 17407, Start Num: 18

Candidate Starts for Kamiyu_21:

(Start: 18 @16328 has 54 MA's), (26, 16346), (29, 16364), (35, 16424), (39, 16460), (62, 16664), (82, 16841), (96, 16955), (98, 16979), (110, 17108), (122, 17261), (126, 17330), (127, 17348), (129, 17366),

Gene: KarasumaRum_22 Start: 16657, Stop: 17460, Start Num: 21

Candidate Starts for KarasumaRum_22:

(Start: 12 @16624 has 11 MA's), (Start: 21 @16657 has 53 MA's), (36, 16765), (37, 16771), (39, 16786), (40, 16789), (42, 16807), (53, 16921), (86, 17206), (89, 17236), (98, 17305),

Gene: Karn_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for Karn_17:

(Start: 19 @14414 has 291 MA's), (32, 14477), (38, 14534), (39, 14543), (40, 14546), (47, 14642), (53, 14678), (68, 14795), (82, 14927), (84, 14942), (86, 14963), (89, 14993), (98, 15062), (104, 15113), (109, 15188), (110, 15191),

Gene: Katniss_18 Start: 14718, Stop: 15518, Start Num: 19

Candidate Starts for Katniss_18:

(Start: 19 @14718 has 291 MA's), (32, 14781), (38, 14838), (39, 14847), (40, 14850), (47, 14946), (53, 14982), (68, 15099), (82, 15231), (84, 15246), (86, 15267), (89, 15297), (98, 15366), (104, 15417), (106, 15438), (109, 15492), (110, 15495),

Gene: KayaCho_16 Start: 14971, Stop: 15777, Start Num: 21

Candidate Starts for KayaCho_16:

(14, 14944), (16, 14962), (Start: 21 @14971 has 53 MA's), (39, 15100), (40, 15103), (41, 15115), (50, 15214), (52, 15229), (53, 15235), (68, 15358), (86, 15526), (88, 15541), (104, 15676),

Gene: Keitherie_18 Start: 14719, Stop: 15519, Start Num: 19

Candidate Starts for Keitherie_18:

(Start: 19 @14719 has 291 MA's), (32, 14782), (38, 14839), (39, 14848), (40, 14851), (47, 14947), (53, 14983), (68, 15100), (82, 15232), (84, 15247), (86, 15268), (89, 15298), (98, 15367), (104, 15418), (109, 15493), (110, 15496),

Gene: Khan1_18 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for Khan1_18:

(Start: 19 @14414 has 291 MA's), (32, 14477), (38, 14534), (39, 14543), (40, 14546), (47, 14642), (53, 14678), (68, 14795), (82, 14927), (84, 14942), (86, 14963), (89, 14993), (98, 15062), (104, 15113), (106, 15134), (109, 15188), (110, 15191),

Gene: Kheth_21 Start: 17579, Stop: 18658, Start Num: 20

Candidate Starts for Kheth_21:

(Start: 20 @17579 has 53 MA's), (26, 17594), (27, 17597), (40, 17711), (44, 17756), (64, 17930), (66, 17936), (70, 17978), (73, 18005), (82, 18089), (86, 18125), (89, 18155), (101, 18242), (103, 18272), (110, 18350), (116, 18383), (117, 18392), (120, 18497), (125, 18566), (126, 18575), (131, 18644),

Gene: Kikipoo_18 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for Kikipoo_18:

(Start: 19 @14711 has 291 MA's), (32, 14774), (38, 14831), (39, 14840), (40, 14843), (47, 14939), (53, 14975), (68, 15092), (82, 15224), (84, 15239), (86, 15260), (89, 15290), (98, 15359), (104, 15410), (106, 15431), (109, 15485), (110, 15488),

Gene: Kimbrough_18 Start: 14409, Stop: 15209, Start Num: 19

Candidate Starts for Kimbrough_18:

(Start: 19 @14409 has 291 MA's), (32, 14472), (38, 14529), (39, 14538), (40, 14541), (47, 14637), (53, 14673), (68, 14790), (82, 14922), (84, 14937), (86, 14958), (89, 14988), (98, 15057), (104, 15108), (106, 15129), (109, 15183), (110, 15186),

Gene: KingTut_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for KingTut_17:

(Start: 19 @14401 has 291 MA's), (32, 14464), (38, 14521), (39, 14530), (40, 14533), (47, 14629), (53, 14665), (68, 14782), (82, 14914), (84, 14929), (86, 14950), (89, 14980), (98, 15049), (104, 15100), (106, 15121), (109, 15175), (110, 15178),

Gene: KingVeVeVe_18 Start: 14688, Stop: 15488, Start Num: 19

Candidate Starts for KingVeVeVe_18:

(Start: 19 @14688 has 291 MA's), (32, 14751), (38, 14808), (39, 14817), (40, 14820), (47, 14916), (53, 14952), (68, 15069), (82, 15201), (84, 15216), (86, 15237), (89, 15267), (98, 15336), (104, 15387), (106, 15408), (109, 15462), (110, 15465),

Gene: KingstonB_50 Start: 26536, Stop: 27279, Start Num: 24

Candidate Starts for KingstonB_50:

(Start: 24 @26536 has 5 MA's), (25, 26542), (35, 26626), (40, 26665), (45, 26716), (53, 26797), (54, 26815), (62, 26866), (63, 26872), (64, 26884), (75, 26971), (77, 27004), (85, 27073), (98, 27181),

Gene: KlimbOn_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for KlimbOn_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Kloppinator_18 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for Kloppinator_18:

(Start: 19 @14715 has 291 MA's), (32, 14778), (38, 14835), (39, 14844), (40, 14847), (47, 14943), (53, 14979), (68, 15096), (82, 15228), (84, 15243), (86, 15264), (89, 15294), (98, 15363), (104, 15414), (106, 15435), (109, 15489), (110, 15492),

Gene: Klocker_22 Start: 18789, Stop: 19589, Start Num: 21

Candidate Starts for Klocker_22:

(Start: 21 @18789 has 53 MA's), (32, 18855), (38, 18912), (40, 18924), (45, 18975), (50, 19035), (51, 19047), (53, 19056), (58, 19098), (66, 19149), (67, 19155), (78, 19275), (89, 19371), (92, 19398), (96, 19416), (98, 19440), (104, 19485),

Gene: Kolhan_21 Start: 17576, Stop: 18655, Start Num: 20

Candidate Starts for Kolhan_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (98, 18224), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (131, 18641),

Gene: Kronus_20 Start: 16940, Stop: 18019, Start Num: 18

Candidate Starts for Kronus_20:

(Start: 18 @16940 has 54 MA's), (26, 16958), (29, 16976), (35, 17036), (39, 17072), (62, 17276), (82, 17453), (96, 17567), (98, 17591), (110, 17720), (122, 17873), (126, 17942), (127, 17960), (129, 17978),

Gene: Kwadwo_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Kwadwo_17:

(Start: 19 @14400 has 291 MA's), (32, 14463), (38, 14520), (39, 14529), (40, 14532), (47, 14628), (53, 14664), (68, 14781), (82, 14913), (84, 14928), (86, 14949), (89, 14979), (98, 15048), (104, 15099), (106, 15120), (109, 15174), (110, 15177),

Gene: Kwksand96_17 Start: 14264, Stop: 15064, Start Num: 19

Candidate Starts for Kwksand96_17:

(Start: 19 @14264 has 291 MA's), (32, 14327), (38, 14384), (39, 14393), (40, 14396), (47, 14492), (53, 14528), (68, 14645), (82, 14777), (84, 14792), (86, 14813), (89, 14843), (98, 14912), (104, 14963), (109, 15038), (110, 15041),

Gene: Labeouficaum_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Labeouficaum_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: Lambano_17 Start: 15373, Stop: 16179, Start Num: 21

Candidate Starts for Lambano_17:

(Start: 21 @15373 has 53 MA's), (32, 15436), (39, 15502), (40, 15505), (42, 15523), (50, 15616), (53, 15637), (55, 15658), (72, 15793), (82, 15886), (89, 15952), (93, 15985), (94, 15988), (98, 16021), (104, 16072), (106, 16093), (110, 16150),

Gene: Lars_21 Start: 17696, Stop: 18775, Start Num: 20

Candidate Starts for Lars_21:

(Start: 20 @17696 has 53 MA's), (26, 17711), (27, 17714), (40, 17828), (44, 17873), (64, 18047), (66, 18053), (70, 18095), (73, 18122), (82, 18206), (86, 18242), (89, 18272), (101, 18359), (103, 18389), (110, 18467), (116, 18500), (117, 18509), (120, 18614), (125, 18683), (126, 18692), (131, 18761),

Gene: Larson_19 Start: 14716, Stop: 15516, Start Num: 19

Candidate Starts for Larson_19:

(Start: 19 @14716 has 291 MA's), (32, 14779), (38, 14836), (39, 14845), (40, 14848), (47, 14944), (53, 14980), (68, 15097), (82, 15229), (84, 15244), (86, 15265), (89, 15295), (98, 15364), (104, 15415), (106, 15436), (109, 15490), (110, 15493),

Gene: LasagnaCat_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for LasagnaCat_18:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: Lasso_18 Start: 14678, Stop: 15478, Start Num: 19

Candidate Starts for Lasso_18:

(Start: 19 @14678 has 291 MA's), (32, 14741), (38, 14798), (39, 14807), (40, 14810), (47, 14906), (53, 14942), (68, 15059), (82, 15191), (84, 15206), (86, 15227), (89, 15257), (98, 15326), (104, 15377), (106, 15398), (109, 15452), (110, 15455),

Gene: Laurie_21 Start: 17574, Stop: 18650, Start Num: 20

Candidate Starts for Laurie_21:

(Start: 20 @17574 has 53 MA's), (26, 17589), (27, 17592), (40, 17706), (44, 17751), (64, 17925), (66, 17931), (70, 17973), (73, 18000), (82, 18084), (86, 18120), (89, 18150), (101, 18237), (103, 18267), (110, 18345), (116, 18378), (117, 18387), (120, 18492), (125, 18561), (126, 18570), (128, 18591), (131, 18639),

Gene: LeeLot_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for LeeLot_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Lego3393_18 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for Lego3393_18:

(Start: 19 @14715 has 291 MA's), (32, 14778), (38, 14835), (39, 14844), (40, 14847), (47, 14943), (53, 14979), (68, 15096), (82, 15228), (84, 15243), (86, 15264), (89, 15294), (98, 15363), (104, 15414), (106, 15435), (109, 15489), (110, 15492),

Gene: Legolas_17 Start: 14416, Stop: 15216, Start Num: 19

Candidate Starts for Legolas_17:

(Start: 19 @14416 has 291 MA's), (32, 14479), (38, 14536), (39, 14545), (40, 14548), (47, 14644), (53, 14680), (68, 14797), (82, 14929), (84, 14944), (86, 14965), (89, 14995), (98, 15064), (104, 15115), (106, 15136), (109, 15190), (110, 15193),

Gene: Lehmann_18 Start: 14243, Stop: 15043, Start Num: 19

Candidate Starts for Lehmann_18:

(Start: 19 @14243 has 291 MA's), (32, 14306), (38, 14363), (39, 14372), (40, 14375), (47, 14471), (53, 14507), (68, 14624), (82, 14756), (84, 14771), (86, 14792), (89, 14822), (98, 14891), (104, 14942), (106, 14963), (109, 15017), (110, 15020),

Gene: LeiMonet_18 Start: 14408, Stop: 15208, Start Num: 19

Candidate Starts for LeiMonet_18:

(Start: 19 @14408 has 291 MA's), (32, 14471), (38, 14528), (39, 14537), (40, 14540), (47, 14636), (53, 14672), (68, 14789), (82, 14921), (84, 14936), (86, 14957), (89, 14987), (98, 15056), (104, 15107), (106, 15128), (109, 15182), (110, 15185),

Gene: LemonSlice_18 Start: 14410, Stop: 15210, Start Num: 19

Candidate Starts for LemonSlice_18:

(Start: 19 @14410 has 291 MA's), (32, 14473), (38, 14530), (39, 14539), (40, 14542), (47, 14638), (53, 14674), (68, 14791), (82, 14923), (84, 14938), (86, 14959), (89, 14989), (98, 15058), (104, 15109), (106, 15130), (109, 15184), (110, 15187),

Gene: Lephleur_21 Start: 17576, Stop: 18655, Start Num: 20

Candidate Starts for Lephleur_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (128, 18593), (131, 18641),

Gene: LestyG_21 Start: 16361, Stop: 17440, Start Num: 18

Candidate Starts for LestyG_21:

(Start: 18 @16361 has 54 MA's), (26, 16379), (29, 16397), (35, 16457), (39, 16493), (62, 16697), (82, 16874), (96, 16988), (98, 17012), (110, 17141), (122, 17294), (126, 17363), (127, 17381), (129, 17399),

Gene: Ligma_18 Start: 14690, Stop: 15502, Start Num: 21

Candidate Starts for Ligma_18:

(Start: 21 @14690 has 53 MA's), (27, 14708), (35, 14783), (38, 14810), (40, 14822), (44, 14867), (53, 14954), (55, 14975), (82, 15200), (85, 15230), (86, 15236), (98, 15338), (106, 15410), (110, 15467),

Gene: LilMcDreamy_18 Start: 16876, Stop: 17679, Start Num: 21

Candidate Starts for LilMcDreamy_18:

(Start: 21 @16876 has 53 MA's), (31, 16924), (36, 16984), (39, 17005), (40, 17008), (50, 17119), (53, 17140), (69, 17278), (72, 17299), (86, 17428), (89, 17458), (92, 17485), (98, 17527),

Gene: LilSmirk_21 Start: 17576, Stop: 18655, Start Num: 20

Candidate Starts for LilSmirk_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (131, 18641),

Gene: LittleDigger_17 Start: 15380, Stop: 16186, Start Num: 21

Candidate Starts for LittleDigger_17:

(Start: 21 @15380 has 53 MA's), (32, 15443), (39, 15509), (40, 15512), (42, 15530), (50, 15623), (53, 15644), (55, 15665), (72, 15800), (82, 15893), (89, 15959), (93, 15992), (94, 15995), (98, 16028), (104, 16079), (106, 16100), (110, 16157),

Gene: LittleMinkey_24 Start: 16090, Stop: 16890, Start Num: 19

Candidate Starts for LittleMinkey_24:

(Start: 19 @16090 has 291 MA's), (32, 16153), (39, 16219), (40, 16222), (53, 16354), (68, 16471), (72, 16510), (98, 16738), (105, 16795),

Gene: LittleMunchkin_19 Start: 16116, Stop: 16928, Start Num: 21

Candidate Starts for LittleMunchkin_19:

(Start: 21 @16116 has 53 MA's), (27, 16134), (35, 16209), (36, 16224), (39, 16245), (40, 16248), (53, 16380), (55, 16401), (57, 16419), (59, 16425), (86, 16662), (98, 16764), (101, 16779), (106, 16836), (110, 16893), (114, 16917),

Gene: LizLemon_21 Start: 17696, Stop: 18772, Start Num: 20

Candidate Starts for LizLemon_21:

(Start: 20 @17696 has 53 MA's), (26, 17711), (27, 17714), (40, 17828), (44, 17873), (64, 18047), (66, 18053), (70, 18095), (73, 18122), (82, 18206), (86, 18242), (89, 18272), (98, 18344), (101, 18359), (103, 18389), (110, 18467), (116, 18500), (117, 18509), (120, 18614), (125, 18683), (126, 18692), (128, 18713), (131, 18761),

Gene: Lolalove_18 Start: 16434, Stop: 17240, Start Num: 21

Candidate Starts for Lolalove_18:

(Start: 21 @16434 has 53 MA's), (32, 16497), (39, 16563), (40, 16566), (42, 16584), (50, 16677), (53, 16698), (55, 16719), (70, 16836), (72, 16854), (82, 16947), (94, 17049), (98, 17082), (100, 17094), (101, 17097), (104, 17133),

Gene: Longacauda_17 Start: 14402, Stop: 15202, Start Num: 19

Candidate Starts for Longacauda_17:

(Start: 19 @14402 has 291 MA's), (32, 14465), (38, 14522), (39, 14531), (40, 14534), (47, 14630), (53, 14666), (68, 14783), (82, 14915), (84, 14930), (86, 14951), (89, 14981), (98, 15050), (104, 15101), (106, 15122), (109, 15176), (110, 15179),

Gene: Lopsy_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Lopsy_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: LostAndPhound_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for LostAndPhound_17:

(Start: 19 @14412 has 291 MA's), (32, 14475), (38, 14532), (39, 14541), (40, 14544), (47, 14640), (53, 14676), (68, 14793), (82, 14925), (84, 14940), (86, 14961), (89, 14991), (98, 15060), (104, 15111), (106, 15132), (109, 15186), (110, 15189),

Gene: LuckyMarjie_17 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for LuckyMarjie_17:

(Start: 19 @14424 has 291 MA's), (32, 14487), (38, 14544), (39, 14553), (40, 14556), (47, 14652), (53, 14688), (68, 14805), (82, 14937), (84, 14952), (86, 14973), (89, 15003), (98, 15072), (104, 15123), (106, 15144), (109, 15198), (110, 15201),

Gene: Lulumae_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Lulumae_17:

(Start: 19 @14401 has 291 MA's), (32, 14464), (38, 14521), (39, 14530), (40, 14533), (47, 14629), (53, 14665), (68, 14782), (82, 14914), (84, 14929), (86, 14950), (89, 14980), (98, 15049), (104, 15100), (106, 15121), (109, 15175), (110, 15178),

Gene: Lulwa_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Lulwa_18:

(Start: 19 @14690 has 291 MA's), (32, 14753), (38, 14810), (39, 14819), (40, 14822), (47, 14918), (53, 14954), (68, 15071), (82, 15203), (84, 15218), (86, 15239), (89, 15269), (98, 15338), (104, 15389), (106, 15410), (109, 15464), (110, 15467),

Gene: Lumine_17 Start: 14394, Stop: 15194, Start Num: 19

Candidate Starts for Lumine_17:

(Start: 19 @14394 has 291 MA's), (32, 14457), (38, 14514), (39, 14523), (40, 14526), (47, 14622), (53, 14658), (68, 14775), (82, 14907), (84, 14922), (86, 14943), (89, 14973), (98, 15042), (104, 15093), (106, 15114), (109, 15168), (110, 15171),

Gene: MRabcd_17 Start: 14403, Stop: 15203, Start Num: 19

Candidate Starts for MRabcd_17:

(Start: 19 @14403 has 291 MA's), (32, 14466), (38, 14523), (39, 14532), (40, 14535), (47, 14631), (53, 14667), (68, 14784), (82, 14916), (84, 14931), (86, 14952), (89, 14982), (98, 15051), (104, 15102), (106, 15123), (109, 15177), (110, 15180),

Gene: Mag7_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Mag7_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: Magic8_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Magic8_18:

(Start: 19 @14696 has 291 MA's), (32, 14759), (38, 14816), (39, 14825), (40, 14828), (47, 14924), (53, 14960), (68, 15077), (82, 15209), (84, 15224), (86, 15245), (89, 15275), (98, 15344), (104, 15395), (106, 15416), (109, 15470), (110, 15473),

Gene: Magpie_18 Start: 16625, Stop: 17431, Start Num: 21

Candidate Starts for Magpie_18:

(Start: 21 @16625 has 53 MA's), (32, 16688), (39, 16754), (40, 16757), (42, 16775), (50, 16868), (53, 16889), (55, 16910), (70, 17027), (72, 17045), (82, 17138), (94, 17240), (98, 17273), (100, 17285), (101, 17288), (104, 17324),

Gene: Makar_50 Start: 26991, Stop: 27743, Start Num: 24

Candidate Starts for Makar_50:

(Start: 24 @26991 has 5 MA's), (25, 26997), (37, 27102), (40, 27120), (45, 27171), (50, 27231), (53, 27252), (54, 27270), (62, 27321), (63, 27327), (64, 27339), (66, 27345), (75, 27426), (77, 27459), (85, 27528), (89, 27564),

Gene: MakoManhole_20 Start: 16106, Stop: 16915, Start Num: 20

Candidate Starts for MakoManhole_20:

(Start: 20 @16106 has 53 MA's), (27, 16124), (35, 16199), (40, 16238), (44, 16283), (53, 16370), (55, 16391), (57, 16409), (59, 16415), (64, 16457), (86, 16652), (98, 16754), (106, 16826), (110, 16883),

Gene: Mana_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Mana_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Manad_17 Start: 14256, Stop: 15056, Start Num: 19

Candidate Starts for Manad_17:

(Start: 19 @14256 has 291 MA's), (32, 14319), (38, 14376), (39, 14385), (40, 14388), (47, 14484), (53, 14520), (68, 14637), (82, 14769), (84, 14784), (86, 14805), (89, 14835), (98, 14904), (104, 14955), (106, 14976), (109, 15030), (110, 15033),

Gene: Mao1_16 Start: 13724, Stop: 14527, Start Num: 21

Candidate Starts for Mao1_16:

(Start: 21 @13724 has 53 MA's), (26, 13736), (28, 13751), (30, 13760), (31, 13769), (40, 13853), (45, 13904), (55, 14006), (56, 14009), (60, 14036), (65, 14075), (67, 14084), (74, 14153), (80, 14216), (95, 14342), (101, 14396),

Gene: Mariokart_18 Start: 14585, Stop: 15397, Start Num: 20

Candidate Starts for Mariokart_18:

(Start: 20 @14585 has 53 MA's), (27, 14603), (40, 14717), (45, 14768), (53, 14849), (55, 14870), (57, 14888), (79, 15068), (84, 15110), (85, 15125), (86, 15131), (95, 15203), (98, 15233), (106, 15305), (110, 15362),

Gene: Marley1013_21 Start: 17141, Stop: 18220, Start Num: 18

Candidate Starts for Marley1013_21:

(Start: 18 @17141 has 54 MA's), (26, 17159), (29, 17177), (35, 17237), (39, 17273), (62, 17477), (82, 17654), (96, 17768), (98, 17792), (110, 17921), (122, 18074), (126, 18143), (127, 18161), (129, 18179),

Gene: Marlia_21 Start: 16343, Stop: 17422, Start Num: 18

Candidate Starts for Marlia_21:

(Start: 18 @16343 has 54 MA's), (26, 16361), (29, 16379), (35, 16439), (39, 16475), (62, 16679), (82, 16856), (96, 16970), (98, 16994), (110, 17123), (122, 17276), (126, 17345), (127, 17363), (129, 17381),

Gene: Maru_17 Start: 14404, Stop: 15204, Start Num: 19

Candidate Starts for Maru_17:

(Start: 19 @14404 has 291 MA's), (32, 14467), (38, 14524), (39, 14533), (40, 14536), (47, 14632), (53, 14668), (68, 14785), (82, 14917), (84, 14932), (86, 14953), (89, 14983), (98, 15052), (104, 15103), (106, 15124), (109, 15178), (110, 15181),

Gene: Mask_17 Start: 13725, Stop: 14528, Start Num: 21

Candidate Starts for Mask_17:

(Start: 21 @13725 has 53 MA's), (26, 13737), (28, 13752), (30, 13761), (31, 13770), (40, 13854), (45, 13905), (55, 14007), (56, 14010), (60, 14037), (65, 14076), (67, 14085), (74, 14154), (80, 14217), (95, 14343), (101, 14397),

Gene: Maskar_17 Start: 14246, Stop: 15046, Start Num: 19

Candidate Starts for Maskar_17:

(Start: 19 @14246 has 291 MA's), (32, 14309), (38, 14366), (39, 14375), (40, 14378), (47, 14474), (53, 14510), (68, 14627), (82, 14759), (84, 14774), (86, 14795), (89, 14825), (98, 14894), (104, 14945), (106, 14966), (109, 15020), (110, 15023),

Gene: MasterPo_21 Start: 17576, Stop: 18655, Start Num: 20

Candidate Starts for MasterPo_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (131, 18641),

Gene: Matalotodo_18 Start: 14694, Stop: 15494, Start Num: 19

Candidate Starts for Matalotodo_18:

(Start: 19 @14694 has 291 MA's), (32, 14757), (38, 14814), (39, 14823), (40, 14826), (47, 14922), (53, 14958), (68, 15075), (82, 15207), (84, 15222), (86, 15243), (89, 15273), (98, 15342), (104, 15393), (106, 15414), (109, 15468), (110, 15471),

Gene: Mcshane_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Mcshane_17:

(Start: 19 @14400 has 291 MA's), (32, 14463), (38, 14520), (39, 14529), (40, 14532), (47, 14628), (53, 14664), (68, 14781), (82, 14913), (84, 14928), (86, 14949), (89, 14979), (98, 15048), (104, 15099),

(106, 15120), (109, 15174), (110, 15177),

Gene: Mecca_17 Start: 14397, Stop: 15197, Start Num: 19

Candidate Starts for Mecca_17:

(Start: 19 @14397 has 291 MA's), (32, 14460), (38, 14517), (39, 14526), (40, 14529), (47, 14625), (53, 14661), (68, 14778), (82, 14910), (84, 14925), (86, 14946), (89, 14976), (98, 15045), (104, 15096), (106, 15117), (109, 15171), (110, 15174),

Gene: Megabear_15 Start: 15358, Stop: 16464, Start Num: 21

Candidate Starts for Megabear_15:

(7, 15280), (Start: 21 @15358 has 53 MA's), (27, 15373), (29, 15388), (35, 15448), (40, 15487), (42, 15505), (44, 15532), (45, 15538), (60, 15670), (64, 15706), (65, 15709), (70, 15754), (81, 15853), (89, 15931), (101, 16027), (102, 16042), (104, 16057), (110, 16132), (121, 16282), (123, 16297), (124, 16336), (130, 16399), (132, 16459),

Gene: Megamind20_18 Start: 14419, Stop: 15219, Start Num: 19

Candidate Starts for Megamind20_18:

(Start: 19 @14419 has 291 MA's), (32, 14482), (38, 14539), (39, 14548), (40, 14551), (47, 14647), (53, 14683), (68, 14800), (82, 14932), (84, 14947), (86, 14968), (89, 14998), (98, 15067), (104, 15118), (106, 15139), (109, 15193), (110, 15196),

Gene: Megatron_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Megatron_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Melc17_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Melc17_18:

(Start: 19 @14690 has 291 MA's), (32, 14753), (38, 14810), (39, 14819), (40, 14822), (47, 14918), (53, 14954), (68, 15071), (82, 15203), (84, 15218), (86, 15239), (89, 15269), (98, 15338), (104, 15389), (106, 15410), (109, 15464), (110, 15467),

Gene: MelsMeow_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for MelsMeow_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (109, 15032), (110, 15035),

Gene: Mesh1_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Mesh1_18:

(Start: 19 @14708 has 291 MA's), (32, 14771), (38, 14828), (39, 14837), (40, 14840), (47, 14936), (53, 14972), (68, 15089), (82, 15221), (84, 15236), (86, 15257), (89, 15287), (98, 15356), (104, 15407), (106, 15428), (109, 15482), (110, 15485),

Gene: Mesmerelda_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Mesmerelda_17:

(Start: 19 @14400 has 291 MA's), (32, 14463), (38, 14520), (39, 14529), (40, 14532), (47, 14628), (53, 14664), (68, 14781), (82, 14913), (84, 14928), (86, 14949), (89, 14979), (98, 15048), (104, 15099), (106, 15120), (109, 15174), (110, 15177),

Gene: MichaelPhcott_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for MichaelPhcott_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: Mikota_18 Start: 14685, Stop: 15485, Start Num: 19

Candidate Starts for Mikota_18:

(Start: 19 @14685 has 291 MA's), (32, 14748), (38, 14805), (39, 14814), (40, 14817), (47, 14913), (53, 14949), (68, 15066), (82, 15198), (84, 15213), (86, 15234), (89, 15264), (98, 15333), (104, 15384), (106, 15405), (109, 15459), (110, 15462),

Gene: MiniBoss_18 Start: 14687, Stop: 15487, Start Num: 19

Candidate Starts for MiniBoss_18:

(Start: 19 @14687 has 291 MA's), (32, 14750), (38, 14807), (39, 14816), (40, 14819), (47, 14915), (53, 14951), (68, 15068), (82, 15200), (84, 15215), (86, 15236), (89, 15266), (98, 15335), (104, 15386), (106, 15407), (109, 15461), (110, 15464),

Gene: MitKao_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for MitKao_18:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Mithril_18 Start: 16440, Stop: 17246, Start Num: 21

Candidate Starts for Mithril_18:

(Start: 21 @16440 has 53 MA's), (32, 16503), (39, 16569), (40, 16572), (42, 16590), (50, 16683), (53, 16704), (55, 16725), (70, 16842), (72, 16860), (82, 16953), (89, 17019), (94, 17055), (98, 17088), (100, 17100), (101, 17103), (104, 17139),

Gene: MmasiCarm_21 Start: 16354, Stop: 17433, Start Num: 18

Candidate Starts for MmasiCarm_21:

(Start: 18 @16354 has 54 MA's), (26, 16372), (29, 16390), (35, 16450), (39, 16486), (62, 16690), (82, 16867), (96, 16981), (98, 17005), (110, 17134), (122, 17287), (126, 17356), (127, 17374), (129, 17392),

Gene: Morgushi_18 Start: 14410, Stop: 15210, Start Num: 19

Candidate Starts for Morgushi_18:

(Start: 19 @14410 has 291 MA's), (32, 14473), (38, 14530), (39, 14539), (40, 14542), (47, 14638), (53, 14674), (68, 14791), (82, 14923), (84, 14938), (86, 14959), (89, 14989), (98, 15058), (104, 15109), (106, 15130), (109, 15184), (110, 15187),

Gene: Mortcellus_20 Start: 16995, Stop: 18074, Start Num: 18

Candidate Starts for Mortcellus_20:

(Start: 18 @16995 has 54 MA's), (26, 17013), (29, 17031), (35, 17091), (39, 17127), (62, 17331), (82, 17508), (96, 17622), (98, 17646), (110, 17775), (122, 17928), (126, 17997), (127, 18015), (129, 18033),

Gene: Morty_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Morty_18:

(Start: 19 @14708 has 291 MA's), (32, 14771), (38, 14828), (39, 14837), (40, 14840), (47, 14936), (53, 14972), (68, 15089), (82, 15221), (84, 15236), (86, 15257), (89, 15287), (98, 15356), (104, 15407), (106, 15428), (109, 15482), (110, 15485),

Gene: Morty007_21 Start: 17141, Stop: 18220, Start Num: 18

Candidate Starts for Morty007_21:

(Start: 18 @17141 has 54 MA's), (26, 17159), (29, 17177), (35, 17237), (39, 17273), (62, 17477), (82, 17654), (96, 17768), (98, 17792), (110, 17921), (122, 18074), (126, 18143), (127, 18161), (129, 18179),

Gene: Mosaic_17 Start: 14413, Stop: 15213, Start Num: 19

Candidate Starts for Mosaic_17:

(Start: 19 @14413 has 291 MA's), (32, 14476), (38, 14533), (39, 14542), (40, 14545), (47, 14641), (53, 14677), (68, 14794), (82, 14926), (84, 14941), (86, 14962), (89, 14992), (98, 15061), (104, 15112), (106, 15133), (109, 15187), (110, 15190),

Gene: MossRose_20 Start: 16085, Stop: 16894, Start Num: 20

Candidate Starts for MossRose_20:

(Start: 20 @16085 has 53 MA's), (27, 16103), (35, 16178), (40, 16217), (44, 16262), (53, 16349), (55, 16370), (57, 16388), (59, 16394), (64, 16436), (86, 16631), (98, 16733), (106, 16805), (110, 16862),

Gene: MrPhizzler_18 Start: 14411, Stop: 15211, Start Num: 19

Candidate Starts for MrPhizzler_18:

(Start: 19 @14411 has 291 MA's), (32, 14474), (38, 14531), (39, 14540), (40, 14543), (47, 14639), (53, 14675), (68, 14792), (82, 14924), (84, 14939), (86, 14960), (89, 14990), (98, 15059), (104, 15110), (106, 15131), (109, 15185), (110, 15188),

Gene: Mudslide_18 Start: 16685, Stop: 17491, Start Num: 21

Candidate Starts for Mudslide_18:

(Start: 21 @16685 has 53 MA's), (32, 16748), (39, 16814), (40, 16817), (42, 16835), (50, 16928), (53, 16949), (55, 16970), (67, 17048), (72, 17105), (82, 17198), (94, 17300), (98, 17333), (100, 17345), (101, 17348), (104, 17384),

Gene: Mulan_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Mulan_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Mulaychimus_21 Start: 16334, Stop: 17413, Start Num: 18

Candidate Starts for Mulaychimus_21:

(Start: 18 @16334 has 54 MA's), (26, 16352), (29, 16370), (35, 16430), (39, 16466), (62, 16670), (82, 16847), (96, 16961), (98, 16985), (110, 17114), (122, 17267), (126, 17336), (127, 17354), (129, 17372),

Gene: Murdoc_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Murdoc_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Mutante_17 Start: 14409, Stop: 15209, Start Num: 19

Candidate Starts for Mutante_17:

(Start: 19 @14409 has 291 MA's), (32, 14472), (38, 14529), (39, 14538), (40, 14541), (47, 14637), (53, 14673), (68, 14790), (82, 14922), (84, 14937), (86, 14958), (89, 14988), (98, 15057), (104, 15108), (106, 15129), (109, 15183), (110, 15186),

Gene: Mysterious_20 Start: 16746, Stop: 17582, Start Num: 12

Candidate Starts for Mysterious_20:

(Start: 12 @16746 has 11 MA's), (Start: 21 @16779 has 53 MA's), (36, 16887), (39, 16908), (40, 16911), (42, 16929), (45, 16962), (53, 17043), (67, 17142), (86, 17328), (89, 17358), (92, 17385), (98, 17427),

Gene: NHagos_18 Start: 14592, Stop: 15401, Start Num: 20

Candidate Starts for NHagos_18:

(Start: 20 @14592 has 53 MA's), (27, 14610), (35, 14685), (36, 14700), (39, 14721), (40, 14724), (44, 14769), (55, 14877), (57, 14895), (82, 15102), (86, 15138), (98, 15240), (106, 15312), (110, 15369),

Gene: Nacho_0018 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Nacho_0018:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Nanao_17 Start: 15372, Stop: 16178, Start Num: 21

Candidate Starts for Nanao_17:

(Start: 21 @15372 has 53 MA's), (32, 15435), (39, 15501), (40, 15504), (42, 15522), (50, 15615), (53, 15636), (55, 15657), (72, 15792), (82, 15885), (89, 15951), (93, 15984), (94, 15987), (98, 16020), (104, 16071), (106, 16092), (110, 16149),

Gene: Nangang_20 Start: 16468, Stop: 17304, Start Num: 12

Candidate Starts for Nangang_20:

(Start: 12 @16468 has 11 MA's), (Start: 21 @16501 has 53 MA's), (36, 16609), (39, 16630), (40, 16633), (42, 16651), (53, 16765), (83, 17023), (86, 17050), (92, 17107), (98, 17149),

Gene: Nathan_18 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for Nathan_18:

(Start: 19 @14709 has 291 MA's), (32, 14772), (38, 14829), (39, 14838), (40, 14841), (47, 14937), (53, 14973), (68, 15090), (82, 15222), (84, 15237), (86, 15258), (89, 15288), (98, 15357), (104, 15408), (106, 15429), (109, 15483), (110, 15486),

Gene: Nehemiah_19 Start: 16746, Stop: 17582, Start Num: 12

Candidate Starts for Nehemiah_19:

(Start: 12 @16746 has 11 MA's), (Start: 21 @16779 has 53 MA's), (36, 16887), (39, 16908), (40, 16911), (42, 16929), (45, 16962), (53, 17043), (67, 17142), (86, 17328), (89, 17358), (92, 17385), (98, 17427),

Gene: Neos5_21 Start: 17149, Stop: 18228, Start Num: 18

Candidate Starts for Neos5_21:

(Start: 18 @17149 has 54 MA's), (26, 17167), (29, 17185), (35, 17245), (39, 17281), (62, 17485), (82, 17662), (96, 17776), (98, 17800), (110, 17929), (122, 18082), (126, 18151), (127, 18169), (129, 18187),

Gene: Newman_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Newman_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: NiaNia_18 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for NiaNia_18:

(Start: 19 @14424 has 291 MA's), (32, 14487), (38, 14544), (39, 14553), (40, 14556), (47, 14652), (53, 14688), (68, 14805), (82, 14937), (84, 14952), (86, 14973), (89, 15003), (98, 15072), (104, 15123), (106, 15144), (109, 15198), (110, 15201),

Gene: Nicole21_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for Nicole21_18:

(Start: 19 @14691 has 291 MA's), (32, 14754), (38, 14811), (39, 14820), (40, 14823), (47, 14919), (53, 14955), (68, 15072), (82, 15204), (84, 15219), (86, 15240), (89, 15270), (98, 15339), (104, 15390), (106, 15411), (109, 15465), (110, 15468),

Gene: Nigel_16 Start: 15288, Stop: 16094, Start Num: 22

Candidate Starts for Nigel_16:

(9, 15228), (Start: 22 @15288 has 4 MA's), (32, 15351), (39, 15417), (40, 15420), (42, 15438), (50, 15531), (53, 15552), (55, 15573), (72, 15708), (82, 15801), (94, 15903), (98, 15936), (100, 15948), (101, 15951), (104, 15987), (106, 16008),

Gene: Nova1_17 Start: 14272, Stop: 15072, Start Num: 19

Candidate Starts for Nova1_17:

(Start: 19 @14272 has 291 MA's), (32, 14335), (38, 14392), (39, 14401), (40, 14404), (47, 14500), (53, 14536), (68, 14653), (82, 14785), (84, 14800), (86, 14821), (89, 14851), (98, 14920), (104, 14971), (109, 15046), (110, 15049),

Gene: Nozo_21 Start: 17119, Stop: 18198, Start Num: 18

Candidate Starts for Nozo_21:

(Start: 18 @17119 has 54 MA's), (26, 17137), (29, 17155), (35, 17215), (39, 17251), (62, 17455), (82, 17632), (96, 17746), (98, 17770), (110, 17899), (122, 18052), (126, 18121), (127, 18139), (129, 18157),

Gene: Numberten_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Numberten_18:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: Nyala_17 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Nyala_17:

(Start: 19 @14401 has 291 MA's), (32, 14464), (38, 14521), (39, 14530), (40, 14533), (47, 14629), (53, 14665), (68, 14782), (82, 14914), (84, 14929), (86, 14950), (89, 14980), (98, 15049), (104, 15100), (106, 15121), (109, 15175), (110, 15178),

Gene: OSmaximus_18 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for OSmaximus_18:

(Start: 19 @14709 has 291 MA's), (32, 14772), (38, 14829), (39, 14838), (40, 14841), (47, 14937), (53, 14973), (68, 15090), (82, 15222), (84, 15237), (86, 15258), (89, 15288), (98, 15357), (104, 15408), (106, 15429), (109, 15483), (110, 15486),

Gene: Obutu_21 Start: 16352, Stop: 17431, Start Num: 18

Candidate Starts for Obutu_21:

(Start: 18 @16352 has 54 MA's), (26, 16370), (29, 16388), (35, 16448), (39, 16484), (62, 16688), (82, 16865), (96, 16979), (98, 17003), (110, 17132), (122, 17285), (126, 17354), (127, 17372), (129, 17390),

Gene: Olak_17 Start: 14398, Stop: 15198, Start Num: 19

Candidate Starts for Olak_17:

(Start: 19 @14398 has 291 MA's), (32, 14461), (38, 14518), (39, 14527), (40, 14530), (47, 14626), (53, 14662), (68, 14779), (82, 14911), (84, 14926), (86, 14947), (89, 14977), (98, 15046), (104, 15097), (106, 15118), (109, 15172), (110, 15175),

Gene: Oline_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Oline_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: Olive_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Olive_18:

(Start: 19 @14690 has 291 MA's), (32, 14753), (38, 14810), (39, 14819), (40, 14822), (47, 14918), (53, 14954), (68, 15071), (82, 15203), (84, 15218), (86, 15239), (89, 15269), (98, 15338), (104, 15389), (106, 15410), (109, 15464), (110, 15467),

Gene: OliverWalter_18 Start: 14707, Stop: 15507, Start Num: 19

Candidate Starts for OliverWalter_18:

(Start: 19 @14707 has 291 MA's), (32, 14770), (38, 14827), (39, 14836), (40, 14839), (47, 14935), (53, 14971), (68, 15088), (82, 15220), (84, 15235), (86, 15256), (89, 15286), (98, 15355), (104, 15406), (106, 15427), (109, 15481), (110, 15484),

Gene: Olivio_20 Start: 16206, Stop: 17285, Start Num: 18

Candidate Starts for Olivio_20:

(Start: 18 @16206 has 54 MA's), (26, 16224), (29, 16242), (35, 16302), (39, 16338), (62, 16542), (82, 16719), (96, 16833), (98, 16857), (110, 16986), (122, 17139), (126, 17208), (127, 17226), (129, 17244),

Gene: Omniscient_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Omniscient_18:

(Start: 19 @14708 has 291 MA's), (32, 14771), (38, 14828), (39, 14837), (40, 14840), (47, 14936), (53, 14972), (68, 15089), (82, 15221), (84, 15236), (86, 15257), (89, 15287), (98, 15356), (104, 15407), (106, 15428), (109, 15482), (110, 15485),

Gene: OneBrain_18 Start: 14402, Stop: 15202, Start Num: 19

Candidate Starts for OneBrain_18:

(Start: 19 @14402 has 291 MA's), (32, 14465), (38, 14522), (39, 14531), (40, 14534), (47, 14630), (53, 14666), (68, 14783), (82, 14915), (84, 14930), (86, 14951), (89, 14981), (98, 15050), (104, 15101), (106, 15122), (109, 15176), (110, 15179),

Gene: Oosterbaan_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for Oosterbaan_18:

(Start: 19 @14700 has 291 MA's), (32, 14763), (38, 14820), (39, 14829), (40, 14832), (47, 14928), (53, 14964), (68, 15081), (82, 15213), (84, 15228), (86, 15249), (89, 15279), (98, 15348), (104, 15399), (106, 15420), (109, 15474), (110, 15477),

Gene: Opia_21 Start: 17576, Stop: 18655, Start Num: 20

Candidate Starts for Opia_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (131, 18641),

Gene: OrangeOswald_21 Start: 16357, Stop: 17436, Start Num: 18

Candidate Starts for OrangeOswald_21:

(Start: 18 @16357 has 54 MA's), (26, 16375), (29, 16393), (35, 16453), (39, 16489), (62, 16693), (82, 16870), (96, 16984), (98, 17008), (110, 17137), (122, 17290), (126, 17359), (127, 17377), (129, 17395),

Gene: Orfeu_17 Start: 14399, Stop: 15199, Start Num: 19

Candidate Starts for Orfeu_17:

(Start: 19 @14399 has 291 MA's), (32, 14462), (38, 14519), (39, 14528), (40, 14531), (47, 14627), (53, 14663), (68, 14780), (82, 14912), (84, 14927), (86, 14948), (89, 14978), (98, 15047), (104, 15098), (106, 15119), (109, 15173), (110, 15176),

Gene: Orion_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for Orion_18:

(Start: 19 @14700 has 291 MA's), (32, 14763), (38, 14820), (39, 14829), (40, 14832), (47, 14928), (53, 14964), (68, 15081), (82, 15213), (84, 15228), (86, 15249), (89, 15279), (98, 15348), (104, 15399), (106, 15420), (109, 15474), (110, 15477),

Gene: Orwigg_17 Start: 14392, Stop: 15192, Start Num: 19

Candidate Starts for Orwigg_17:

(Start: 19 @14392 has 291 MA's), (32, 14455), (38, 14512), (39, 14521), (40, 14524), (47, 14620), (53, 14656), (68, 14773), (82, 14905), (84, 14920), (86, 14941), (89, 14971), (98, 15040), (104, 15091), (106, 15112), (109, 15166), (110, 15169),

Gene: PG1_18 Start: 14712, Stop: 15512, Start Num: 19

Candidate Starts for PG1_18:

(Start: 19 @14712 has 291 MA's), (32, 14775), (38, 14832), (39, 14841), (40, 14844), (47, 14940), (53, 14976), (68, 15093), (82, 15225), (84, 15240), (86, 15261), (89, 15291), (98, 15360), (104, 15411), (106, 15432), (109, 15486), (110, 15489),

Gene: PR_15 Start: 15385, Stop: 16491, Start Num: 21

Candidate Starts for PR_15:

(7, 15307), (Start: 21 @15385 has 53 MA's), (27, 15400), (29, 15415), (35, 15475), (40, 15514), (42, 15532), (44, 15559), (45, 15565), (60, 15697), (64, 15733), (65, 15736), (70, 15781), (81, 15880), (89, 15958), (101, 16054), (104, 16084), (110, 16159), (121, 16309), (123, 16324), (124, 16363), (130, 16426), (132, 16486),

Gene: Pacifista_17 Start: 14403, Stop: 15203, Start Num: 19

Candidate Starts for Pacifista_17:

(Start: 19 @14403 has 291 MA's), (32, 14466), (38, 14523), (39, 14532), (40, 14535), (47, 14631), (53, 14667), (68, 14784), (82, 14916), (84, 14931), (86, 14952), (89, 14982), (98, 15051), (104, 15102), (106, 15123), (109, 15177), (110, 15180),

Gene: PallasAthena_18 Start: 14407, Stop: 15207, Start Num: 19

Candidate Starts for PallasAthena_18:

(Start: 19 @14407 has 291 MA's), (32, 14470), (38, 14527), (39, 14536), (40, 14539), (47, 14635), (53, 14671), (68, 14788), (82, 14920), (84, 14935), (86, 14956), (89, 14986), (98, 15055), (104, 15106), (106, 15127), (109, 15181), (110, 15184),

Gene: PenguinLover67_21 Start: 17669, Stop: 18469, Start Num: 21

Candidate Starts for PenguinLover67_21:

(Start: 21 @17669 has 53 MA's), (32, 17735), (34, 17762), (40, 17804), (51, 17927), (52, 17930), (53, 17936), (58, 17978), (72, 18092), (78, 18155), (82, 18185), (89, 18251), (92, 18278), (93, 18284), (98,

18320), (104, 18365), (110, 18443),

Gene: Phaedrus_20 Start: 16275, Stop: 17354, Start Num: 18

Candidate Starts for Phaedrus_20:

(Start: 18 @16275 has 54 MA's), (26, 16293), (29, 16311), (35, 16371), (39, 16407), (62, 16611), (82, 16788), (96, 16902), (98, 16926), (110, 17055), (122, 17208), (126, 17277), (127, 17295), (129, 17313),

Gene: Phamished_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for Phamished_18:

(Start: 19 @14705 has 291 MA's), (32, 14768), (38, 14825), (39, 14834), (40, 14837), (47, 14933), (53, 14969), (68, 15086), (82, 15218), (84, 15233), (86, 15254), (89, 15284), (98, 15353), (104, 15404), (106, 15425), (109, 15479), (110, 15482),

Gene: Phantasmagoria_21 Start: 17576, Stop: 18652, Start Num: 20

Candidate Starts for Phantasmagoria_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (98, 18224), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (128, 18593), (131, 18641),

Gene: Phareon_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Phareon_18:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (110, 15183),

Gene: PhatCats2014_18 Start: 14715, Stop: 15515, Start Num: 19

Candidate Starts for PhatCats2014_18:

(Start: 19 @14715 has 291 MA's), (32, 14778), (38, 14835), (39, 14844), (40, 14847), (47, 14943), (53, 14979), (68, 15096), (82, 15228), (84, 15243), (86, 15264), (89, 15294), (98, 15363), (104, 15414), (106, 15435), (109, 15489), (110, 15492),

Gene: PhatLouie_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for PhatLouie_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (109, 15473), (110, 15476),

Gene: Phayeta_21 Start: 16233, Stop: 17312, Start Num: 18

Candidate Starts for Phayeta_21:

(Start: 18 @16233 has 54 MA's), (26, 16251), (29, 16269), (35, 16329), (39, 16365), (62, 16569), (82, 16746), (96, 16860), (98, 16884), (110, 17013), (122, 17166), (126, 17235), (127, 17253), (129, 17271),

Gene: Phelemich_20 Start: 16751, Stop: 17587, Start Num: 12

Candidate Starts for Phelemich_20:

(3, 16640), (Start: 12 @16751 has 11 MA's), (Start: 21 @16784 has 53 MA's), (36, 16892), (39, 16913), (40, 16916), (42, 16934), (45, 16967), (53, 17048), (67, 17147), (86, 17333), (89, 17363), (92, 17390), (98, 17432), (104, 17483),

Gene: PhenghisKhan_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for PhenghisKhan_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: Pherdinand_18 Start: 14703, Stop: 15503, Start Num: 19

Candidate Starts for Pherdinand_18:

(Start: 19 @14703 has 291 MA's), (32, 14766), (38, 14823), (39, 14832), (40, 14835), (47, 14931), (53, 14967), (68, 15084), (82, 15216), (84, 15231), (86, 15252), (89, 15282), (98, 15351), (104, 15402), (106, 15423), (109, 15477), (110, 15480),

Gene: Phergie_17 Start: 14252, Stop: 15052, Start Num: 19

Candidate Starts for Phergie_17:

(Start: 19 @14252 has 291 MA's), (32, 14315), (38, 14372), (39, 14381), (40, 14384), (47, 14480), (53, 14516), (68, 14633), (82, 14765), (84, 14780), (86, 14801), (89, 14831), (98, 14900), (104, 14951), (106, 14972), (109, 15026), (110, 15029),

Gene: Philly_20 Start: 16223, Stop: 17302, Start Num: 18

Candidate Starts for Philly_20:

(Start: 18 @16223 has 54 MA's), (26, 16241), (29, 16259), (35, 16319), (39, 16355), (62, 16559), (82, 16736), (96, 16850), (98, 16874), (110, 17003), (122, 17156), (126, 17225), (127, 17243), (129, 17261),

Gene: Phipps_18 Start: 14678, Stop: 15478, Start Num: 19

Candidate Starts for Phipps_18:

(Start: 19 @14678 has 291 MA's), (32, 14741), (38, 14798), (39, 14807), (40, 14810), (47, 14906), (53, 14942), (68, 15059), (82, 15191), (84, 15206), (86, 15227), (89, 15257), (98, 15326), (104, 15377), (106, 15398), (109, 15452), (110, 15455),

Gene: Phleuron_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Phleuron_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: Phlyer_21 Start: 17092, Stop: 18171, Start Num: 18

Candidate Starts for Phlyer_21:

(Start: 18 @17092 has 54 MA's), (26, 17110), (29, 17128), (35, 17188), (39, 17224), (62, 17428), (82, 17605), (96, 17719), (98, 17743), (110, 17872), (122, 18025), (126, 18094), (127, 18112), (129, 18130),

Gene: PhrankReynolds_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for PhrankReynolds_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: PhrodoBaggins_17 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for PhrodoBaggins_17:

(Start: 19 @14693 has 291 MA's), (32, 14756), (38, 14813), (39, 14822), (40, 14825), (47, 14921), (53, 14957), (68, 15074), (82, 15206), (84, 15221), (86, 15242), (89, 15272), (98, 15341), (104, 15392), (106, 15413), (109, 15467), (110, 15470),

Gene: Phunky_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Phunky_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Piglet_0017 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Piglet_0017:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: Pine5_20 Start: 15594, Stop: 16400, Start Num: 18

Candidate Starts for Pine5_20:

(Start: 18 @15594 has 54 MA's), (36, 15702), (38, 15714), (39, 15723), (40, 15726), (50, 15837), (53, 15858),

Gene: PinheadLarry_18 Start: 14418, Stop: 15218, Start Num: 19

Candidate Starts for PinheadLarry_18:

(Start: 19 @14418 has 291 MA's), (32, 14481), (38, 14538), (39, 14547), (40, 14550), (47, 14646), (53, 14682), (68, 14799), (82, 14931), (84, 14946), (86, 14967), (89, 14997), (98, 15066), (104, 15117), (106, 15138), (109, 15192), (110, 15195),

Gene: Pinkman_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for Pinkman_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (109, 15032), (110, 15035),

Gene: Pipefish_21 Start: 17241, Stop: 18320, Start Num: 18

Candidate Starts for Pipefish_21:

(Start: 18 @17241 has 54 MA's), (26, 17259), (29, 17277), (35, 17337), (39, 17373), (62, 17577), (82, 17754), (96, 17868), (98, 17892), (110, 18021), (122, 18174), (126, 18243), (127, 18261), (129, 18279),

Gene: Pipsqueak_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for Pipsqueak_18:

(Start: 19 @14705 has 291 MA's), (32, 14768), (38, 14825), (39, 14834), (40, 14837), (47, 14933), (53, 14969), (68, 15086), (82, 15218), (84, 15233), (86, 15254), (89, 15284), (98, 15353), (104, 15404), (106, 15425), (109, 15479), (110, 15482),

Gene: Placalicious_17 Start: 14400, Stop: 15200, Start Num: 19

Candidate Starts for Placalicious_17:

(Start: 19 @14400 has 291 MA's), (32, 14463), (38, 14520), (39, 14529), (40, 14532), (47, 14628), (53, 14664), (68, 14781), (82, 14913), (84, 14928), (86, 14949), (89, 14979), (98, 15048), (104, 15099), (106, 15120), (109, 15174), (110, 15177),

Gene: Plata_17 Start: 14414, Stop: 15214, Start Num: 19

Candidate Starts for Plata_17:

(Start: 19 @14414 has 291 MA's), (32, 14477), (38, 14534), (39, 14543), (40, 14546), (47, 14642), (53, 14678), (68, 14795), (82, 14927), (84, 14942), (86, 14963), (89, 14993), (98, 15062), (104, 15113), (109, 15188), (110, 15191),

Gene: Plmatters_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Plmatters_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Podrick_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Podrick_18:

(Start: 19 @14690 has 291 MA's), (32, 14753), (38, 14810), (39, 14819), (40, 14822), (47, 14918), (53, 14954), (68, 15071), (82, 15203), (84, 15218), (86, 15239), (89, 15269), (98, 15338), (104, 15389), (106, 15410), (109, 15464), (110, 15467),

Gene: Pops_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Pops_18:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: Poster_17 Start: 15373, Stop: 16179, Start Num: 21

Candidate Starts for Poster_17:

(Start: 21 @15373 has 53 MA's), (32, 15436), (39, 15502), (40, 15505), (42, 15523), (50, 15616), (53, 15637), (55, 15658), (72, 15793), (82, 15886), (89, 15952), (93, 15985), (94, 15988), (98, 16021), (104, 16072), (106, 16093), (110, 16150),

Gene: Potter_17 Start: 14413, Stop: 15213, Start Num: 19

Candidate Starts for Potter_17:

(Start: 19 @14413 has 291 MA's), (32, 14476), (38, 14533), (39, 14542), (40, 14545), (47, 14641), (53, 14677), (68, 14794), (82, 14926), (84, 14941), (86, 14962), (89, 14992), (98, 15061), (104, 15112), (106, 15133), (109, 15187), (110, 15190),

Gene: Prickles_18 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for Prickles_18:

(Start: 19 @14693 has 291 MA's), (32, 14756), (38, 14813), (39, 14822), (40, 14825), (47, 14921), (53, 14957), (68, 15074), (82, 15206), (84, 15221), (86, 15242), (89, 15272), (98, 15341), (104, 15392), (106, 15413), (109, 15467), (110, 15470),

Gene: Prince_18 Start: 16597, Stop: 17403, Start Num: 21

Candidate Starts for Prince_18:

(Start: 21 @16597 has 53 MA's), (32, 16660), (39, 16726), (40, 16729), (42, 16747), (50, 16840), (53, 16861), (55, 16882), (67, 16960), (72, 17017), (82, 17110), (94, 17212), (98, 17245), (100, 17257), (101, 17260), (104, 17296),

Gene: PrinceCharming_21 Start: 17696, Stop: 18772, Start Num: 20

Candidate Starts for PrinceCharming_21:

(Start: 20 @17696 has 53 MA's), (26, 17711), (27, 17714), (40, 17828), (44, 17873), (64, 18047), (66, 18053), (70, 18095), (73, 18122), (82, 18206), (86, 18242), (89, 18272), (101, 18359), (103, 18389), (110, 18467), (116, 18500), (117, 18509), (120, 18614), (125, 18683), (126, 18692), (128, 18713), (131, 18761),

Gene: ProfessorX_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for ProfessorX_18:

(Start: 19 @14691 has 291 MA's), (32, 14754), (38, 14811), (39, 14820), (40, 14823), (47, 14919), (53, 14955), (68, 15072), (82, 15204), (84, 15219), (86, 15240), (89, 15270), (98, 15339), (104, 15390), (106, 15411), (109, 15465), (110, 15468),

Gene: Puhltonio_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Puhltonio_18:

(Start: 19 @14708 has 291 MA's), (32, 14771), (38, 14828), (39, 14837), (40, 14840), (47, 14936), (53, 14972), (68, 15089), (82, 15221), (84, 15236), (86, 15257), (89, 15287), (98, 15356), (104, 15407), (106, 15428), (109, 15482), (110, 15485),

Gene: Purplicious_48 Start: 26304, Stop: 27047, Start Num: 24

Candidate Starts for Purplicious_48:

(Start: 24 @26304 has 5 MA's), (25, 26310), (35, 26394), (40, 26433), (45, 26484), (53, 26565), (54, 26583), (62, 26634), (63, 26640), (64, 26652), (75, 26739), (77, 26772), (82, 26811), (85, 26841), (98, 26949),

Gene: QueenBeane_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for QueenBeane_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: QueenPie_18 Start: 16971, Stop: 17777, Start Num: 21

Candidate Starts for QueenPie_18:

(Start: 21 @16971 has 53 MA's), (32, 17034), (39, 17100), (40, 17103), (42, 17121), (50, 17214), (53, 17235), (55, 17256), (72, 17391), (82, 17484), (94, 17586), (98, 17619), (100, 17631), (101, 17634), (104, 17670),

Gene: Quesadilla_21 Start: 17756, Stop: 18556, Start Num: 21

Candidate Starts for Quesadilla_21:

(Start: 21 @17756 has 53 MA's), (32, 17822), (35, 17852), (40, 17891), (51, 18014), (52, 18017), (53, 18023), (58, 18065), (78, 18242), (82, 18272), (92, 18365), (98, 18407), (104, 18452), (110, 18530),

Gene: Quisquiliae_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for Quisquiliae_18:

(Start: 19 @14714 has 291 MA's), (32, 14777), (38, 14834), (39, 14843), (40, 14846), (47, 14942), (53, 14978), (68, 15095), (82, 15227), (84, 15242), (86, 15263), (89, 15293), (98, 15362), (104, 15413), (106, 15434), (109, 15488), (110, 15491),

Gene: Qyrzula_20 Start: 17666, Stop: 18742, Start Num: 20

Candidate Starts for Qyrzula_20:

(Start: 20 @17666 has 53 MA's), (26, 17681), (27, 17684), (40, 17798), (44, 17843), (64, 18017), (66, 18023), (70, 18065), (73, 18092), (82, 18176), (86, 18212), (89, 18242), (98, 18314), (101, 18329), (103, 18359), (110, 18437), (116, 18470), (117, 18479), (120, 18584), (125, 18653), (126, 18662), (128, 18683), (131, 18731),

Gene: RagingRooster_21 Start: 16358, Stop: 17437, Start Num: 18

Candidate Starts for RagingRooster_21:

(Start: 18 @16358 has 54 MA's), (26, 16376), (29, 16394), (35, 16454), (39, 16490), (62, 16694), (82, 16871), (96, 16985), (98, 17009), (110, 17138), (122, 17291), (126, 17360), (127, 17378), (129, 17396),

Gene: RawrgerThat_18 Start: 16434, Stop: 17240, Start Num: 21

Candidate Starts for RawrgerThat_18:

(Start: 21 @16434 has 53 MA's), (32, 16497), (39, 16563), (40, 16566), (42, 16584), (50, 16677), (53, 16698), (55, 16719), (67, 16797), (72, 16854), (82, 16947), (94, 17049), (98, 17082), (100, 17094),

(101, 17097), (104, 17133),

Gene: Reccee_20 Start: 16685, Stop: 17521, Start Num: 12

Candidate Starts for Reccee_20:

(3, 16574), (Start: 12 @16685 has 11 MA's), (Start: 21 @16718 has 53 MA's), (35, 16811), (36, 16826), (37, 16832), (39, 16847), (40, 16850), (42, 16868), (53, 16982), (86, 17267), (89, 17297), (95, 17336), (98, 17366), (106, 17438),

Gene: RedMaple_17 Start: 14711, Stop: 15511, Start Num: 19

Candidate Starts for RedMaple_17:

(Start: 19 @14711 has 291 MA's), (32, 14774), (38, 14831), (39, 14840), (40, 14843), (47, 14939), (53, 14975), (68, 15092), (82, 15224), (84, 15239), (86, 15260), (89, 15290), (98, 15359), (104, 15410), (106, 15431), (109, 15485), (110, 15488),

Gene: RedRaider89_19 Start: 14931, Stop: 15731, Start Num: 19

Candidate Starts for RedRaider89_19:

(Start: 19 @14931 has 291 MA's), (32, 14994), (38, 15051), (39, 15060), (40, 15063), (47, 15159), (53, 15195), (68, 15312), (82, 15444), (84, 15459), (86, 15480), (89, 15510), (98, 15579), (104, 15630), (106, 15651), (109, 15705), (110, 15708),

Gene: Renkei_17 Start: 15380, Stop: 16186, Start Num: 21

Candidate Starts for Renkei_17:

(Start: 21 @15380 has 53 MA's), (32, 15443), (39, 15509), (40, 15512), (42, 15530), (50, 15623), (53, 15644), (55, 15665), (72, 15800), (82, 15893), (89, 15959), (93, 15992), (94, 15995), (98, 16028), (104, 16079), (106, 16100), (110, 16157),

Gene: Reprobate_20 Start: 16748, Stop: 17584, Start Num: 12

Candidate Starts for Reprobate_20:

(3, 16637), (Start: 12 @16748 has 11 MA's), (Start: 21 @16781 has 53 MA's), (36, 16889), (39, 16910), (40, 16913), (42, 16931), (45, 16964), (53, 17045), (67, 17144), (79, 17267), (86, 17330), (89, 17360), (92, 17387), (98, 17429),

Gene: Rhinoforte_21 Start: 17693, Stop: 18772, Start Num: 20

Candidate Starts for Rhinoforte_21:

(Start: 20 @17693 has 53 MA's), (26, 17708), (27, 17711), (40, 17825), (44, 17870), (64, 18044), (66, 18050), (70, 18092), (73, 18119), (82, 18203), (86, 18239), (89, 18269), (101, 18356), (103, 18386), (110, 18464), (116, 18497), (117, 18506), (120, 18611), (125, 18680), (126, 18689), (128, 18710), (131, 18758),

Gene: Rich_20 Start: 16635, Stop: 17471, Start Num: 12

Candidate Starts for Rich_20:

(Start: 12 @16635 has 11 MA's), (Start: 21 @16668 has 53 MA's), (35, 16761), (36, 16776), (39, 16797), (40, 16800), (42, 16818), (53, 16932), (86, 17217), (89, 17247), (98, 17316), (106, 17388),

Gene: Ricotta_17 Start: 14423, Stop: 15223, Start Num: 19

Candidate Starts for Ricotta_17:

(Start: 19 @14423 has 291 MA's), (32, 14486), (38, 14543), (39, 14552), (40, 14555), (47, 14651), (53, 14687), (68, 14804), (82, 14936), (84, 14951), (86, 14972), (89, 15002), (98, 15071), (104, 15122), (106, 15143), (109, 15197), (110, 15200),

Gene: Riggan_18 Start: 14679, Stop: 15479, Start Num: 19

Candidate Starts for Riggan_18:

(Start: 19 @14679 has 291 MA's), (32, 14742), (38, 14799), (39, 14808), (40, 14811), (47, 14907), (53, 14943), (68, 15060), (82, 15192), (84, 15207), (86, 15228), (89, 15258), (98, 15327), (104, 15378), (106, 15399), (109, 15453), (110, 15456),

Gene: Rimu_18 Start: 14411, Stop: 15211, Start Num: 19

Candidate Starts for Rimu_18:

(Start: 19 @14411 has 291 MA's), (32, 14474), (38, 14531), (39, 14540), (40, 14543), (47, 14639), (53, 14675), (68, 14792), (82, 14924), (84, 14939), (86, 14960), (89, 14990), (98, 15059), (104, 15110), (106, 15131), (109, 15185), (110, 15188),

Gene: Rinkes_22 Start: 18349, Stop: 19149, Start Num: 21

Candidate Starts for Rinkes_22:

(Start: 21 @18349 has 53 MA's), (32, 18415), (33, 18421), (36, 18460), (40, 18484), (50, 18595), (53, 18616), (66, 18709), (78, 18835), (82, 18865), (90, 18934), (96, 18976), (98, 19000), (101, 19015), (106, 19066), (110, 19123),

Gene: Rita130_20 Start: 16505, Stop: 17341, Start Num: 12

Candidate Starts for Rita130_20:

(3, 16394), (Start: 12 @16505 has 11 MA's), (Start: 21 @16538 has 53 MA's), (35, 16631), (36, 16646), (37, 16652), (39, 16667), (40, 16670), (42, 16688), (53, 16802), (86, 17087), (89, 17117), (95, 17156), (98, 17186), (106, 17258),

Gene: Rita1961_21 Start: 16353, Stop: 17432, Start Num: 18

Candidate Starts for Rita1961_21:

(Start: 18 @16353 has 54 MA's), (26, 16371), (29, 16389), (35, 16449), (39, 16485), (62, 16689), (82, 16866), (96, 16980), (98, 17004), (110, 17133), (122, 17286), (126, 17355), (127, 17373), (129, 17391),

Gene: Riverton_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for Riverton_18:

(Start: 19 @14705 has 291 MA's), (32, 14768), (38, 14825), (39, 14834), (40, 14837), (47, 14933), (53, 14969), (68, 15086), (82, 15218), (84, 15233), (86, 15254), (89, 15284), (98, 15353), (104, 15404), (106, 15425), (109, 15479), (110, 15482),

Gene: Robyn_17 Start: 14272, Stop: 15072, Start Num: 19

Candidate Starts for Robyn_17:

(Start: 19 @14272 has 291 MA's), (32, 14335), (38, 14392), (39, 14401), (40, 14404), (47, 14500), (53, 14536), (68, 14653), (82, 14785), (84, 14800), (86, 14821), (89, 14851), (98, 14920), (104, 14971), (106, 14992), (109, 15046), (110, 15049),

Gene: Roliet_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Roliet_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: RomaT_21 Start: 17139, Stop: 18218, Start Num: 18

Candidate Starts for RomaT_21:

(Start: 18 @17139 has 54 MA's), (26, 17157), (29, 17175), (35, 17235), (39, 17271), (62, 17475), (82, 17652), (96, 17766), (98, 17790), (110, 17919), (122, 18072), (126, 18141), (127, 18159), (129, 18177),

Gene: Roscoe_19 Start: 14940, Stop: 15740, Start Num: 19

Candidate Starts for Roscoe_19:

(Start: 19 @14940 has 291 MA's), (32, 15003), (38, 15060), (39, 15069), (40, 15072), (47, 15168), (53, 15204), (68, 15321), (82, 15453), (84, 15468), (86, 15489), (89, 15519), (98, 15588), (104, 15639), (106, 15660), (109, 15714), (110, 15717),

Gene: Rosebush_21 Start: 17693, Stop: 18772, Start Num: 20

Candidate Starts for Rosebush_21:

(Start: 20 @17693 has 53 MA's), (26, 17708), (27, 17711), (40, 17825), (44, 17870), (64, 18044), (66, 18050), (70, 18092), (73, 18119), (82, 18203), (86, 18239), (89, 18269), (101, 18356), (103, 18386), (110, 18464), (116, 18497), (117, 18506), (120, 18611), (125, 18680), (126, 18689), (131, 18758),

Gene: Roy17_18 Start: 14401, Stop: 15201, Start Num: 19

Candidate Starts for Roy17_18:

(Start: 19 @14401 has 291 MA's), (32, 14464), (38, 14521), (39, 14530), (40, 14533), (47, 14629), (53, 14665), (68, 14782), (82, 14914), (84, 14929), (86, 14950), (89, 14980), (98, 15049), (104, 15100), (106, 15121), (109, 15175), (110, 15178),

Gene: SDcharge11_18 Start: 14680, Stop: 15480, Start Num: 19

Candidate Starts for SDcharge11_18:

(Start: 19 @14680 has 291 MA's), (32, 14743), (38, 14800), (39, 14809), (40, 14812), (47, 14908), (53, 14944), (68, 15061), (82, 15193), (84, 15208), (86, 15229), (89, 15259), (98, 15328), (104, 15379), (106, 15400), (109, 15454), (110, 15457),

Gene: Sabella_21 Start: 17579, Stop: 18658, Start Num: 20

Candidate Starts for Sabella_21:

(Start: 20 @17579 has 53 MA's), (26, 17594), (27, 17597), (40, 17711), (44, 17756), (64, 17930), (66, 17936), (70, 17978), (73, 18005), (82, 18089), (86, 18125), (89, 18155), (101, 18242), (103, 18272), (110, 18350), (116, 18383), (117, 18392), (120, 18497), (125, 18566), (126, 18575), (131, 18644),

Gene: Saguaro_20 Start: 17420, Stop: 18220, Start Num: 21

Candidate Starts for Saguaro_20:

(Start: 21 @17420 has 53 MA's), (30, 17462), (32, 17486), (40, 17555), (45, 17606), (50, 17666), (51, 17678), (53, 17687), (55, 17708), (78, 17906), (82, 17936), (92, 18029), (97, 18065), (98, 18071),

Gene: SallyH_18 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for SallyH_18:

(Start: 19 @14709 has 291 MA's), (32, 14772), (38, 14829), (39, 14838), (40, 14841), (47, 14937), (53, 14973), (68, 15090), (82, 15222), (84, 15237), (86, 15258), (89, 15288), (98, 15357), (104, 15408), (106, 15429), (109, 15483), (110, 15486),

Gene: Samaymay_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Samaymay_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: SassyCat97_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for SassyCat97_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Schadenfreude_17 Start: 14256, Stop: 15056, Start Num: 19

Candidate Starts for Schadenfreude_17:

(Start: 19 @14256 has 291 MA's), (32, 14319), (38, 14376), (39, 14385), (40, 14388), (47, 14484), (53, 14520), (68, 14637), (82, 14769), (84, 14784), (86, 14805), (89, 14835), (98, 14904), (104, 14955), (106, 14976), (109, 15030), (110, 15033),

Gene: Schueller_17 Start: 14397, Stop: 15197, Start Num: 19

Candidate Starts for Schueller_17:

(Start: 19 @14397 has 291 MA's), (32, 14460), (38, 14517), (39, 14526), (40, 14529), (47, 14625), (53, 14661), (68, 14778), (82, 14910), (84, 14925), (86, 14946), (89, 14976), (98, 15045), (104, 15096), (106, 15117), (109, 15171), (110, 15174),

Gene: Scoot17C_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for Scoot17C_18:

(Start: 19 @14700 has 291 MA's), (32, 14763), (38, 14820), (39, 14829), (40, 14832), (47, 14928), (53, 14964), (68, 15081), (82, 15213), (84, 15228), (86, 15249), (89, 15279), (98, 15348), (104, 15399), (106, 15420), (109, 15474), (110, 15477),

Gene: Scrick_17 Start: 14419, Stop: 15219, Start Num: 19

Candidate Starts for Scrick_17:

(Start: 19 @14419 has 291 MA's), (32, 14482), (38, 14539), (39, 14548), (40, 14551), (47, 14647), (53, 14683), (68, 14800), (82, 14932), (84, 14947), (86, 14968), (89, 14998), (98, 15067), (104, 15118), (106, 15139), (109, 15193), (110, 15196),

Gene: Sejanus_17 Start: 14658, Stop: 15461, Start Num: 21

Candidate Starts for Sejanus_17:

(Start: 21 @14658 has 53 MA's), (26, 14670), (28, 14685), (30, 14694), (31, 14703), (40, 14787), (45, 14838), (55, 14940), (56, 14943), (60, 14970), (65, 15009), (67, 15018), (74, 15087), (80, 15150), (95, 15276), (101, 15330),

Gene: Selr12_18 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for Selr12_18:

(Start: 19 @14424 has 291 MA's), (32, 14487), (38, 14544), (39, 14553), (40, 14556), (47, 14652), (53, 14688), (68, 14805), (82, 14937), (84, 14952), (86, 14973), (89, 15003), (98, 15072), (104, 15123), (106, 15144), (109, 15198), (110, 15201),

Gene: Serendipitous_20 Start: 16688, Stop: 17524, Start Num: 12

Candidate Starts for Serendipitous_20:

(3, 16580), (Start: 12 @16688 has 11 MA's), (Start: 21 @16721 has 53 MA's), (36, 16829), (39, 16850), (40, 16853), (42, 16871), (53, 16985), (86, 17270), (89, 17300), (95, 17339), (98, 17369), (106, 17441), (107, 17447), (113, 17519),

Gene: Serendipity_18 Start: 14720, Stop: 15520, Start Num: 19

Candidate Starts for Serendipity_18:

(Start: 19 @14720 has 291 MA's), (32, 14783), (38, 14840), (39, 14849), (40, 14852), (47, 14948), (53, 14984), (68, 15101), (82, 15233), (84, 15248), (86, 15269), (89, 15299), (98, 15368), (104, 15419), (106, 15440), (109, 15494), (110, 15497),

Gene: Serpentine_0018 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Serpentine_0018:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: ShadowBud_18 Start: 14714, Stop: 15514, Start Num: 19

Candidate Starts for ShadowBud_18:

(Start: 19 @14714 has 291 MA's), (32, 14777), (38, 14834), (39, 14843), (40, 14846), (47, 14942), (53, 14978), (68, 15095), (82, 15227), (84, 15242), (86, 15263), (89, 15293), (98, 15362), (104, 15413), (106, 15434), (109, 15488), (110, 15491),

Gene: Shatter_18 Start: 14690, Stop: 15502, Start Num: 21

Candidate Starts for Shatter_18:

(Start: 21 @14690 has 53 MA's), (27, 14708), (35, 14783), (38, 14810), (40, 14822), (44, 14867), (53, 14954), (55, 14975), (82, 15200), (85, 15230), (86, 15236), (98, 15338), (106, 15410), (110, 15467),

Gene: Sheila_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for Sheila_18:

(Start: 19 @14691 has 291 MA's), (32, 14754), (38, 14811), (39, 14820), (40, 14823), (47, 14919), (53, 14955), (68, 15072), (82, 15204), (84, 15219), (86, 15240), (89, 15270), (98, 15339), (104, 15390), (109, 15465), (110, 15468),

Gene: Shenandoah_21 Start: 16336, Stop: 17415, Start Num: 18

Candidate Starts for Shenandoah_21:

(Start: 18 @16336 has 54 MA's), (26, 16354), (29, 16372), (35, 16432), (39, 16468), (62, 16672), (82, 16849), (96, 16963), (98, 16987), (110, 17116), (122, 17269), (126, 17338), (127, 17356), (129, 17374),

Gene: Shenyu_20 Start: 16468, Stop: 17304, Start Num: 12

Candidate Starts for Shenyu_20:

(Start: 12 @16468 has 11 MA's), (Start: 21 @16501 has 53 MA's), (36, 16609), (39, 16630), (40, 16633), (42, 16651), (53, 16765), (83, 17023), (86, 17050), (92, 17107), (98, 17149),

Gene: ShiVal_18 Start: 14693, Stop: 15493, Start Num: 19

Candidate Starts for ShiVal_18:

(Start: 19 @14693 has 291 MA's), (32, 14756), (38, 14813), (39, 14822), (40, 14825), (47, 14921), (53, 14957), (68, 15074), (82, 15206), (84, 15221), (86, 15242), (89, 15272), (98, 15341), (104, 15392), (106, 15413), (109, 15467), (110, 15470),

Gene: Sigman_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Sigman_18:

(Start: 19 @14690 has 291 MA's), (32, 14753), (38, 14810), (39, 14819), (40, 14822), (47, 14918), (53, 14954), (68, 15071), (82, 15203), (84, 15218), (86, 15239), (89, 15269), (98, 15338), (104, 15389), (106, 15410), (109, 15464), (110, 15467),

Gene: SilverBell_18 Start: 14705, Stop: 15505, Start Num: 19

Candidate Starts for SilverBell_18:

(Start: 19 @14705 has 291 MA's), (32, 14768), (38, 14825), (39, 14834), (40, 14837), (47, 14933), (53, 14969), (68, 15086), (82, 15218), (84, 15233), (86, 15254), (89, 15284), (98, 15353), (104, 15404), (106, 15425), (109, 15479), (110, 15482),

Gene: Simielle_17 Start: 14391, Stop: 15191, Start Num: 19

Candidate Starts for Simielle_17:

(Start: 19 @14391 has 291 MA's), (32, 14454), (38, 14511), (39, 14520), (40, 14523), (47, 14619), (53, 14655), (68, 14772), (82, 14904), (84, 14919), (86, 14940), (89, 14970), (98, 15039), (104, 15090), (106, 15111), (109, 15165), (110, 15168),

Gene: SirBeauregard_17 Start: 14366, Stop: 15166, Start Num: 19

Candidate Starts for SirBeauregard_17:

(Start: 19 @14366 has 291 MA's), (32, 14429), (38, 14486), (39, 14495), (40, 14498), (47, 14594), (53, 14630), (68, 14747), (82, 14879), (84, 14894), (86, 14915), (89, 14945), (98, 15014), (104, 15065), (106, 15086), (109, 15140), (110, 15143),

Gene: SirJeffery_20 Start: 16497, Stop: 17333, Start Num: 12

Candidate Starts for SirJeffery_20:

(Start: 12 @16497 has 11 MA's), (Start: 21 @16530 has 53 MA's), (36, 16638), (37, 16644), (39, 16659), (40, 16662), (42, 16680), (53, 16794), (86, 17079), (89, 17109), (95, 17148), (98, 17178), (106, 17250),

Gene: Sisko_18 Start: 14990, Stop: 15799, Start Num: 20

Candidate Starts for Sisko_18:

(8, 14921), (11, 14939), (Start: 20 @14990 has 53 MA's), (27, 15008), (35, 15083), (40, 15122), (53, 15254), (55, 15275), (64, 15341), (86, 15536), (98, 15638), (101, 15653), (106, 15710),

Gene: Skippy_18 Start: 14684, Stop: 15484, Start Num: 19

Candidate Starts for Skippy_18:

(Start: 19 @14684 has 291 MA's), (32, 14747), (38, 14804), (39, 14813), (40, 14816), (47, 14912), (53, 14948), (68, 15065), (82, 15197), (84, 15212), (86, 15233), (89, 15263), (98, 15332), (104, 15383), (106, 15404), (109, 15458), (110, 15461),

Gene: Slatt_18 Start: 14716, Stop: 15516, Start Num: 19

Candidate Starts for Slatt_18:

(Start: 19 @14716 has 291 MA's), (32, 14779), (38, 14836), (39, 14845), (40, 14848), (47, 14944), (53, 14980), (68, 15097), (82, 15229), (84, 15244), (86, 15265), (89, 15295), (98, 15364), (104, 15415), (106, 15436), (109, 15490), (110, 15493),

Gene: SlippinJimmy_21 Start: 17122, Stop: 18201, Start Num: 18

Candidate Starts for SlippinJimmy_21:

(Start: 18 @17122 has 54 MA's), (26, 17140), (29, 17158), (35, 17218), (39, 17254), (62, 17458), (82, 17635), (96, 17749), (98, 17773), (110, 17902), (122, 18055), (126, 18124), (127, 18142), (129, 18160),

Gene: Soile_18 Start: 14411, Stop: 15211, Start Num: 19

Candidate Starts for Soile_18:

(Start: 19 @14411 has 291 MA's), (32, 14474), (38, 14531), (39, 14540), (40, 14543), (47, 14639), (53, 14675), (68, 14792), (82, 14924), (84, 14939), (86, 14960), (89, 14990), (98, 15059), (104, 15110), (106, 15131), (109, 15185), (110, 15188),

Gene: Solosis_17 Start: 14418, Stop: 15218, Start Num: 19

Candidate Starts for Solosis_17:

(Start: 19 @14418 has 291 MA's), (32, 14481), (38, 14538), (39, 14547), (40, 14550), (47, 14646), (53, 14682), (68, 14799), (82, 14931), (84, 14946), (86, 14967), (89, 14997), (98, 15066), (104, 15117), (106, 15138), (109, 15192), (110, 15195),

Gene: Soos_45 Start: 26265, Stop: 27008, Start Num: 24

Candidate Starts for Soos_45:

(Start: 24 @26265 has 5 MA's), (25, 26271), (35, 26355), (40, 26394), (45, 26445), (53, 26526), (54, 26544), (62, 26595), (63, 26601), (64, 26613), (75, 26700), (77, 26733), (85, 26802), (98, 26910),

Gene: Sophia_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Sophia_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Soto_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Soto_18:

(Start: 19 @14696 has 291 MA's), (32, 14759), (38, 14816), (39, 14825), (40, 14828), (47, 14924), (53, 14960), (68, 15077), (82, 15209), (84, 15224), (86, 15245), (89, 15275), (98, 15344), (104, 15395), (106, 15416), (109, 15470), (110, 15473),

Gene: Sour_21 Start: 16499, Stop: 17311, Start Num: 20

Candidate Starts for Sour_21:

(13, 16466), (Start: 20 @16499 has 53 MA's), (35, 16592), (40, 16631), (45, 16682), (53, 16763), (55, 16784), (57, 16802), (64, 16850), (86, 17045), (98, 17147), (101, 17162), (110, 17276), (114, 17300),

Gene: Spartan300_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Spartan300_18:

(Start: 19 @14696 has 291 MA's), (32, 14759), (39, 14825), (40, 14828), (47, 14924), (53, 14960), (68, 15077), (82, 15209), (84, 15224), (86, 15245), (89, 15275), (98, 15344), (104, 15395), (106, 15416), (109, 15470), (110, 15473),

Gene: Squid_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Squid_18:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Squiggle_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Squiggle_18:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: StAugustine_25 Start: 18871, Stop: 19977, Start Num: 18

Candidate Starts for StAugustine_25:

(Start: 18 @18871 has 54 MA's), (26, 18892), (27, 18895), (32, 18940), (43, 19033), (82, 19387), (84, 19402), (86, 19423), (98, 19525), (115, 19681), (118, 19726), (119, 19732),

Gene: Stillion_49 Start: 26850, Stop: 27605, Start Num: 24

Candidate Starts for Stillion_49:

(Start: 24 @26850 has 5 MA's), (25, 26856), (35, 26940), (40, 26979), (45, 27030), (53, 27111), (54, 27129), (62, 27180), (63, 27186), (64, 27198), (75, 27285), (77, 27318), (82, 27357), (85, 27387), (98, 27495),

Gene: Sting_48 Start: 26704, Stop: 27447, Start Num: 24

Candidate Starts for Sting_48:

(Start: 24 @26704 has 5 MA's), (25, 26710), (35, 26794), (40, 26833), (45, 26884), (53, 26965), (54, 26983), (62, 27034), (63, 27040), (64, 27052), (75, 27139), (77, 27172), (85, 27241), (98, 27349),

Gene: Stinger_16 Start: 14936, Stop: 15742, Start Num: 22

Candidate Starts for Stinger_16:

(Start: 22 @14936 has 4 MA's), (32, 14999), (39, 15065), (40, 15068), (50, 15179), (53, 15200), (55, 15221), (72, 15356), (82, 15449), (94, 15551), (98, 15584), (100, 15596), (101, 15599), (104, 15635),

Gene: StinkyVeggy_22 Start: 16657, Stop: 17460, Start Num: 21

Candidate Starts for StinkyVeggy_22:

(Start: 12 @16624 has 11 MA's), (Start: 21 @16657 has 53 MA's), (36, 16765), (37, 16771), (39, 16786), (40, 16789), (42, 16807), (53, 16921), (86, 17206), (89, 17236), (98, 17305),

Gene: Struggle_17 Start: 14252, Stop: 15052, Start Num: 19

Candidate Starts for Struggle_17:

(Start: 19 @14252 has 291 MA's), (32, 14315), (38, 14372), (39, 14381), (40, 14384), (47, 14480), (53, 14516), (68, 14633), (82, 14765), (84, 14780), (86, 14801), (89, 14831), (98, 14900), (104, 14951), (109, 15026), (110, 15029),

Gene: Suffolk_18 Start: 14698, Stop: 15498, Start Num: 19

Candidate Starts for Suffolk_18:

(Start: 19 @14698 has 291 MA's), (32, 14761), (38, 14818), (39, 14827), (40, 14830), (47, 14926), (53, 14962), (68, 15079), (82, 15211), (84, 15226), (86, 15247), (89, 15277), (98, 15346), (104, 15397), (106, 15418), (109, 15472), (110, 15475),

Gene: Suigeneris_20 Start: 16509, Stop: 17345, Start Num: 12

Candidate Starts for Suigeneris_20:

(3, 16398), (Start: 12 @16509 has 11 MA's), (Start: 21 @16542 has 53 MA's), (35, 16635), (36, 16650), (37, 16656), (39, 16671), (40, 16674), (42, 16692), (53, 16806), (86, 17091), (89, 17121), (95, 17160), (98, 17190), (106, 17262),

Gene: Surely_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Surely_18:

(Start: 19 @14708 has 291 MA's), (32, 14771), (38, 14828), (39, 14837), (40, 14840), (47, 14936), (53, 14972), (68, 15089), (82, 15221), (84, 15236), (86, 15257), (89, 15287), (98, 15356), (104, 15407), (106, 15428), (109, 15482), (110, 15485),

Gene: SwainyDoc_21 Start: 16355, Stop: 17434, Start Num: 18

Candidate Starts for SwainyDoc_21:

(Start: 18 @16355 has 54 MA's), (26, 16373), (29, 16391), (35, 16451), (39, 16487), (62, 16691), (82, 16868), (96, 16982), (98, 17006), (110, 17135), (122, 17288), (126, 17357), (127, 17375), (129, 17393),

Gene: Swiphy_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Swiphy_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (109, 15473), (110, 15476),

Gene: Swish_18 Start: 14694, Stop: 15494, Start Num: 19

Candidate Starts for Swish_18:

(Start: 19 @14694 has 291 MA's), (32, 14757), (38, 14814), (39, 14823), (40, 14826), (47, 14922), (53, 14958), (68, 15075), (82, 15207), (84, 15222), (86, 15243), (89, 15273), (98, 15342), (104, 15393), (106, 15414), (109, 15468), (110, 15471),

Gene: SynergyX_21 Start: 16358, Stop: 17437, Start Num: 18

Candidate Starts for SynergyX_21:

(Start: 18 @16358 has 54 MA's), (26, 16376), (29, 16394), (35, 16454), (39, 16490), (62, 16694), (82, 16871), (96, 16985), (98, 17009), (110, 17138), (122, 17291), (126, 17360), (127, 17378), (129, 17396),

Gene: TA17A_21 Start: 17576, Stop: 18652, Start Num: 20

Candidate Starts for TA17A_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (128, 18593), (131, 18641),

Gene: TPA2_27 Start: 17080, Stop: 17883, Start Num: 20

Candidate Starts for TPA2_27:

(Start: 20 @17080 has 53 MA's), (27, 17098), (33, 17149), (36, 17188), (40, 17212), (44, 17257), (50, 17323), (53, 17344), (59, 17389), (64, 17431), (82, 17590), (85, 17620), (86, 17626), (98, 17728), (107, 17800),

Gene: TallGrassMM_18 Start: 14424, Stop: 15224, Start Num: 19

Candidate Starts for TallGrassMM_18:

(Start: 19 @14424 has 291 MA's), (32, 14487), (38, 14544), (39, 14553), (40, 14556), (47, 14652), (53, 14688), (68, 14805), (82, 14937), (84, 14952), (86, 14973), (89, 15003), (98, 15072), (104, 15123), (106, 15144), (109, 15198), (110, 15201),

Gene: Taptic_15 Start: 15358, Stop: 16464, Start Num: 21

Candidate Starts for Taptic_15:

(7, 15280), (Start: 21 @15358 has 53 MA's), (27, 15373), (29, 15388), (35, 15448), (40, 15487), (42, 15505), (44, 15532), (45, 15538), (60, 15670), (64, 15706), (65, 15709), (70, 15754), (81, 15853), (89, 15931), (101, 16027), (102, 16042), (104, 16057), (110, 16132), (121, 16282), (123, 16297), (124, 16336), (130, 16399), (132, 16459),

Gene: Taraxa_18 Start: 14278, Stop: 15078, Start Num: 19

Candidate Starts for Taraxa_18:

(Start: 19 @14278 has 291 MA's), (32, 14341), (38, 14398), (39, 14407), (40, 14410), (47, 14506), (53, 14542), (68, 14659), (82, 14791), (84, 14806), (86, 14827), (89, 14857), (98, 14926), (104, 14977), (109, 15052), (110, 15055),

Gene: Telesworld_17 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for Telesworld_17:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Thonko_19 Start: 14179, Stop: 14982, Start Num: 17

Candidate Starts for Thonko_19:

(Start: 17 @14179 has 1 MA's), (32, 14245), (35, 14275), (40, 14314), (44, 14359), (45, 14365), (53, 14446), (55, 14467), (61, 14512), (72, 14602), (86, 14731), (95, 14800), (98, 14830),

Gene: Thora_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Thora_18:

(Start: 19 @14708 has 291 MA's), (32, 14771), (38, 14828), (39, 14837), (40, 14840), (47, 14936), (53, 14972), (68, 15089), (82, 15221), (84, 15236), (86, 15257), (89, 15287), (98, 15356), (104, 15407), (106, 15428), (109, 15482), (110, 15485),

Gene: ThreeOh3D2_18 Start: 14709, Stop: 15509, Start Num: 19

Candidate Starts for ThreeOh3D2_18:

(Start: 19 @14709 has 291 MA's), (32, 14772), (38, 14829), (39, 14838), (40, 14841), (47, 14937), (53, 14973), (68, 15090), (82, 15222), (84, 15237), (86, 15258), (89, 15288), (98, 15357), (104, 15408), (106, 15429), (109, 15483), (110, 15486),

Gene: Thunderbird_17 Start: 14408, Stop: 15208, Start Num: 19

Candidate Starts for Thunderbird_17:

(Start: 19 @14408 has 291 MA's), (32, 14471), (38, 14528), (39, 14537), (40, 14540), (47, 14636), (53, 14672), (68, 14789), (82, 14921), (84, 14936), (86, 14957), (89, 14987), (98, 15056), (104, 15107), (106, 15128), (109, 15182), (110, 15185),

Gene: Timmi_17 Start: 14418, Stop: 15218, Start Num: 19

Candidate Starts for Timmi_17:

(Start: 19 @14418 has 291 MA's), (32, 14481), (38, 14538), (39, 14547), (40, 14550), (47, 14646), (53, 14682), (68, 14799), (82, 14931), (84, 14946), (86, 14967), (89, 14997), (98, 15066), (104, 15117), (106, 15138), (109, 15192), (110, 15195),

Gene: Tinciduntolum_22 Start: 17695, Stop: 18774, Start Num: 20

Candidate Starts for Tinciduntolum_22:

(Start: 20 @17695 has 53 MA's), (26, 17710), (27, 17713), (40, 17827), (44, 17872), (64, 18046), (66, 18052), (70, 18094), (73, 18121), (82, 18205), (86, 18241), (89, 18271), (101, 18358), (103, 18388), (110, 18466), (116, 18499), (117, 18508), (120, 18613), (125, 18682), (126, 18691), (131, 18760),

Gene: TinyTerror_21 Start: 16357, Stop: 17436, Start Num: 18

Candidate Starts for TinyTerror_21:

(Start: 18 @16357 has 54 MA's), (26, 16375), (29, 16393), (35, 16453), (39, 16489), (62, 16693), (82, 16870), (96, 16984), (98, 17008), (110, 17137), (122, 17290), (126, 17359), (127, 17377), (129, 17395),

Gene: TomBombadil_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for TomBombadil_18:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: Tomlarah_18 Start: 14694, Stop: 15494, Start Num: 19

Candidate Starts for Tomlarah_18:

(Start: 19 @14694 has 291 MA's), (32, 14757), (38, 14814), (39, 14823), (40, 14826), (47, 14922), (53, 14958), (68, 15075), (82, 15207), (84, 15222), (86, 15243), (89, 15273), (98, 15342), (104, 15393), (106, 15414), (109, 15468), (110, 15471),

Gene: Toni_17 Start: 14404, Stop: 15204, Start Num: 19

Candidate Starts for Toni_17:

(Start: 19 @14404 has 291 MA's), (32, 14467), (38, 14524), (39, 14533), (40, 14536), (47, 14632), (53, 14668), (68, 14785), (82, 14917), (84, 14932), (86, 14953), (89, 14983), (98, 15052), (104, 15103), (106, 15124), (109, 15178), (110, 15181),

Gene: Tonitrus_35 Start: 23239, Stop: 23979, Start Num: 23

Candidate Starts for Tonitrus_35:

(Start: 23 @23239 has 1 MA's), (26, 23254), (36, 23347), (42, 23389), (46, 23461), (48, 23470), (50, 23482), (53, 23503), (54, 23521), (69, 23632), (71, 23641), (72, 23653), (76, 23698), (77, 23710), (85, 23779), (87, 23791), (89, 23815), (99, 23890), (101, 23902),

Gene: TooFast2Furius_19 Start: 14940, Stop: 15740, Start Num: 19

Candidate Starts for TooFast2Furius_19:

(Start: 19 @14940 has 291 MA's), (32, 15003), (38, 15060), (39, 15069), (40, 15072), (47, 15168), (53, 15204), (68, 15321), (82, 15453), (84, 15468), (86, 15489), (89, 15519), (98, 15588), (104, 15639), (106, 15660), (109, 15714), (110, 15717),

Gene: Tooj_18 Start: 14706, Stop: 15506, Start Num: 19

Candidate Starts for Tooj_18:

(Start: 19 @14706 has 291 MA's), (32, 14769), (38, 14826), (39, 14835), (40, 14838), (47, 14934), (53, 14970), (68, 15087), (82, 15219), (84, 15234), (86, 15255), (89, 15285), (98, 15354), (104, 15405), (106, 15426), (109, 15480), (110, 15483),

Gene: TraderJ_20 Start: 16088, Stop: 16900, Start Num: 20

Candidate Starts for TraderJ_20:

(Start: 20 @16088 has 53 MA's), (27, 16106), (35, 16181), (40, 16220), (44, 16265), (53, 16352), (55, 16373), (57, 16391), (59, 16397), (64, 16439), (86, 16634), (98, 16736), (106, 16808),

Gene: Tres_21 Start: 17576, Stop: 18655, Start Num: 20

Candidate Starts for Tres_21:

(Start: 20 @17576 has 53 MA's), (26, 17591), (27, 17594), (40, 17708), (44, 17753), (64, 17927), (66, 17933), (70, 17975), (73, 18002), (82, 18086), (86, 18122), (89, 18152), (101, 18239), (103, 18269), (110, 18347), (116, 18380), (117, 18389), (120, 18494), (125, 18563), (126, 18572), (131, 18641),

Gene: Triad_18 Start: 14243, Stop: 15043, Start Num: 19

Candidate Starts for Triad_18:

(Start: 19 @14243 has 291 MA's), (32, 14306), (38, 14363), (39, 14372), (40, 14375), (47, 14471), (53, 14507), (68, 14624), (82, 14756), (84, 14771), (86, 14792), (89, 14822), (98, 14891), (104, 14942), (106, 14963), (109, 15017), (110, 15020),

Gene: True_17 Start: 14407, Stop: 15207, Start Num: 19

Candidate Starts for True_17:

(Start: 19 @14407 has 291 MA's), (32, 14470), (38, 14527), (39, 14536), (40, 14539), (47, 14635), (53, 14671), (68, 14788), (82, 14920), (84, 14935), (86, 14956), (89, 14986), (98, 15055), (104, 15106), (106, 15127), (109, 15181), (110, 15184),

Gene: Trypo_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for Trypo_18:

(Start: 19 @14696 has 291 MA's), (32, 14759), (38, 14816), (39, 14825), (40, 14828), (47, 14924), (53, 14960), (68, 15077), (82, 15209), (84, 15224), (86, 15245), (89, 15275), (98, 15344), (104, 15395), (109, 15470), (110, 15473),

Gene: Tydolla_21 Start: 17095, Stop: 18174, Start Num: 18

Candidate Starts for Tydolla_21:

(Start: 18 @17095 has 54 MA's), (26, 17113), (29, 17131), (35, 17191), (39, 17227), (62, 17431), (82, 17608), (96, 17722), (98, 17746), (110, 17875), (122, 18028), (126, 18097), (127, 18115), (129, 18133),

Gene: TyrionL_17 Start: 14258, Stop: 15058, Start Num: 19

Candidate Starts for TyrionL_17:

(Start: 19 @14258 has 291 MA's), (32, 14321), (38, 14378), (39, 14387), (40, 14390), (47, 14486), (53, 14522), (68, 14639), (82, 14771), (84, 14786), (86, 14807), (89, 14837), (98, 14906), (104, 14957), (106, 14978), (109, 15032), (110, 15035),

Gene: UAch1_18 Start: 14717, Stop: 15517, Start Num: 19

Candidate Starts for UACh1_18:

(Start: 19 @14717 has 291 MA's), (32, 14780), (38, 14837), (39, 14846), (40, 14849), (47, 14945), (53, 14981), (68, 15098), (82, 15230), (84, 15245), (86, 15266), (89, 15296), (98, 15365), (104, 15416), (106, 15437), (109, 15491), (110, 15494),

Gene: UncleHowie_18 Start: 14406, Stop: 15206, Start Num: 19

Candidate Starts for UncleHowie_18:

(Start: 19 @14406 has 291 MA's), (32, 14469), (38, 14526), (39, 14535), (40, 14538), (47, 14634), (53, 14670), (68, 14787), (82, 14919), (84, 14934), (86, 14955), (89, 14985), (98, 15054), (104, 15105), (106, 15126), (109, 15180), (110, 15183),

Gene: Usavi_18 Start: 14708, Stop: 15508, Start Num: 19

Candidate Starts for Usavi_18:

(Start: 19 @14708 has 291 MA's), (32, 14771), (38, 14828), (39, 14837), (40, 14840), (47, 14936), (53, 14972), (68, 15089), (82, 15221), (84, 15236), (86, 15257), (89, 15287), (98, 15356), (104, 15407), (106, 15428), (109, 15482), (110, 15485),

Gene: Vaishali24_17 Start: 14359, Stop: 15159, Start Num: 19

Candidate Starts for Vaishali24_17:

(Start: 19 @14359 has 291 MA's), (32, 14422), (38, 14479), (39, 14488), (40, 14491), (47, 14587), (53, 14623), (68, 14740), (82, 14872), (84, 14887), (86, 14908), (89, 14938), (98, 15007), (104, 15058), (106, 15079), (109, 15133), (110, 15136),

Gene: Valjean_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Valjean_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Vaticameos_18 Start: 14397, Stop: 15197, Start Num: 19

Candidate Starts for Vaticameos_18:

(Start: 19 @14397 has 291 MA's), (32, 14460), (38, 14517), (39, 14526), (40, 14529), (47, 14625), (53, 14661), (68, 14778), (82, 14910), (84, 14925), (86, 14946), (89, 14976), (98, 15045), (104, 15096), (106, 15117), (109, 15171), (110, 15174),

Gene: Veritas_17 Start: 14246, Stop: 15046, Start Num: 19

Candidate Starts for Veritas_17:

(Start: 19 @14246 has 291 MA's), (32, 14309), (38, 14366), (39, 14375), (40, 14378), (47, 14474), (53, 14510), (68, 14627), (82, 14759), (84, 14774), (86, 14795), (89, 14825), (98, 14894), (104, 14945), (106, 14966), (109, 15020), (110, 15023),

Gene: Vic9_00021 Start: 18016, Stop: 19095, Start Num: 20

Candidate Starts for Vic9_00021:

(Start: 20 @18016 has 53 MA's), (26, 18031), (27, 18034), (40, 18148), (44, 18193), (64, 18367), (66, 18373), (70, 18415), (73, 18442), (82, 18526), (86, 18562), (89, 18592), (101, 18679), (103, 18709), (110, 18787), (116, 18820), (117, 18829), (120, 18934), (125, 19003), (126, 19012), (128, 19033), (131, 19081),

Gene: Vincenzo_19 Start: 17209, Stop: 18015, Start Num: 22

Candidate Starts for Vincenzo_19:

(9, 17149), (Start: 22 @17209 has 4 MA's), (32, 17272), (38, 17329), (40, 17341), (42, 17359), (53, 17473), (55, 17494), (82, 17722), (86, 17758), (89, 17788), (94, 17824), (98, 17857), (100, 17869), (104, 17908), (110, 17986),

Gene: VioletZ_18 Start: 16470, Stop: 17276, Start Num: 21

Candidate Starts for VioletZ_18:

(Start: 21 @16470 has 53 MA's), (32, 16533), (39, 16599), (40, 16602), (42, 16620), (50, 16713), (53, 16734), (55, 16755), (70, 16872), (72, 16890), (82, 16983), (94, 17085), (98, 17118), (100, 17130), (101, 17133), (104, 17169),

Gene: Virapocalypse_18 Start: 14691, Stop: 15491, Start Num: 19

Candidate Starts for Virapocalypse_18:

(Start: 19 @14691 has 291 MA's), (32, 14754), (38, 14811), (39, 14820), (40, 14823), (47, 14919), (53, 14955), (68, 15072), (82, 15204), (84, 15219), (86, 15240), (89, 15270), (98, 15339), (104, 15390), (106, 15411), (109, 15465), (110, 15468),

Gene: Virgeve_17 Start: 14412, Stop: 15212, Start Num: 19

Candidate Starts for Virgeve_17:

(Start: 19 @14412 has 291 MA's), (32, 14475), (38, 14532), (39, 14541), (40, 14544), (47, 14640), (53, 14676), (68, 14793), (82, 14925), (84, 14940), (86, 14961), (89, 14991), (98, 15060), (104, 15111), (106, 15132), (109, 15186), (110, 15189),

Gene: Vista_18 Start: 14702, Stop: 15502, Start Num: 19

Candidate Starts for Vista_18:

(Start: 19 @14702 has 291 MA's), (32, 14765), (38, 14822), (39, 14831), (40, 14834), (47, 14930), (53, 14966), (68, 15083), (82, 15215), (84, 15230), (86, 15251), (89, 15281), (98, 15350), (104, 15401), (106, 15422), (109, 15476), (110, 15479),

Gene: Vivaldi_18 Start: 14733, Stop: 15533, Start Num: 19

Candidate Starts for Vivaldi_18:

(Start: 19 @14733 has 291 MA's), (32, 14796), (38, 14853), (39, 14862), (40, 14865), (47, 14961), (53, 14997), (68, 15114), (82, 15246), (84, 15261), (86, 15282), (89, 15312), (98, 15381), (104, 15432), (106, 15453), (109, 15507), (110, 15510),

Gene: Vortex_18 Start: 14413, Stop: 15213, Start Num: 19

Candidate Starts for Vortex_18:

(Start: 19 @14413 has 291 MA's), (32, 14476), (38, 14533), (39, 14542), (40, 14545), (47, 14641), (53, 14677), (68, 14794), (82, 14926), (84, 14941), (86, 14962), (89, 14992), (98, 15061), (104, 15112), (106, 15133), (109, 15187), (110, 15190),

Gene: Waleliano_18 Start: 16440, Stop: 17246, Start Num: 21

Candidate Starts for Waleliano_18:

(Start: 21 @16440 has 53 MA's), (32, 16503), (39, 16569), (40, 16572), (42, 16590), (50, 16683), (53, 16704), (55, 16725), (70, 16842), (72, 16860), (82, 16953), (89, 17019), (94, 17055), (98, 17088), (100, 17100), (101, 17103), (104, 17139),

Gene: Wallhey_17 Start: 14264, Stop: 15064, Start Num: 19

Candidate Starts for Wallhey_17:

(Start: 19 @14264 has 291 MA's), (32, 14327), (38, 14384), (39, 14393), (40, 14396), (47, 14492), (53, 14528), (68, 14645), (82, 14777), (84, 14792), (86, 14813), (89, 14843), (98, 14912), (104, 14963), (109, 15038), (110, 15041),

Gene: Waterdiva_18 Start: 14700, Stop: 15500, Start Num: 19

Candidate Starts for Waterdiva_18:

(Start: 19 @14700 has 291 MA's), (32, 14763), (38, 14820), (39, 14829), (40, 14832), (47, 14928), (53, 14964), (68, 15081), (82, 15213), (84, 15228), (86, 15249), (89, 15279), (98, 15348), (104, 15399),

(106, 15420), (109, 15474), (110, 15477),

Gene: Weher20_18 Start: 14690, Stop: 15490, Start Num: 19

Candidate Starts for Weher20_18:

(Start: 19 @14690 has 291 MA's), (32, 14753), (38, 14810), (39, 14819), (40, 14822), (47, 14918), (53, 14954), (68, 15071), (82, 15203), (84, 15218), (86, 15239), (89, 15269), (98, 15338), (104, 15389), (106, 15410), (109, 15464), (110, 15467),

Gene: West99_21 Start: 17696, Stop: 18775, Start Num: 20

Candidate Starts for West99_21:

(Start: 20 @17696 has 53 MA's), (26, 17711), (27, 17714), (40, 17828), (44, 17873), (64, 18047), (66, 18053), (70, 18095), (73, 18122), (82, 18206), (86, 18242), (89, 18272), (101, 18359), (103, 18389), (110, 18467), (116, 18500), (117, 18509), (120, 18614), (125, 18683), (126, 18692), (131, 18761),

Gene: Windsor_17 Start: 14366, Stop: 15166, Start Num: 19

Candidate Starts for Windsor_17:

(Start: 19 @14366 has 291 MA's), (32, 14429), (38, 14486), (39, 14495), (40, 14498), (47, 14594), (53, 14630), (68, 14747), (82, 14879), (84, 14894), (86, 14915), (89, 14945), (98, 15014), (104, 15065), (106, 15086), (109, 15140), (110, 15143),

Gene: Wooper_20 Start: 16094, Stop: 16906, Start Num: 20

Candidate Starts for Wooper_20:

(Start: 20 @16094 has 53 MA's), (27, 16112), (35, 16187), (40, 16226), (44, 16271), (53, 16358), (55, 16379), (57, 16397), (64, 16445), (86, 16640), (98, 16742), (106, 16814),

Gene: Xavier_17 Start: 14418, Stop: 15218, Start Num: 19

Candidate Starts for Xavier_17:

(Start: 19 @14418 has 291 MA's), (32, 14481), (38, 14538), (39, 14547), (40, 14550), (47, 14646), (53, 14682), (68, 14799), (82, 14931), (84, 14946), (86, 14967), (89, 14997), (98, 15066), (104, 15117), (106, 15138), (109, 15192), (110, 15195),

Gene: Xincheng_18 Start: 16261, Stop: 17067, Start Num: 21

Candidate Starts for Xincheng_18:

(Start: 21 @16261 has 53 MA's), (32, 16324), (40, 16393), (42, 16411), (50, 16504), (53, 16525), (55, 16546), (70, 16663), (72, 16681), (82, 16774), (94, 16876), (98, 16909), (100, 16921), (101, 16924), (104, 16960),

Gene: Yago84_18 Start: 14999, Stop: 15808, Start Num: 20

Candidate Starts for Yago84_18:

(8, 14930), (11, 14948), (Start: 20 @14999 has 53 MA's), (27, 15017), (35, 15092), (40, 15131), (44, 15176), (53, 15263), (55, 15284), (64, 15350), (86, 15545), (98, 15647), (101, 15662), (106, 15719),

Gene: Yahalom_21 Start: 16369, Stop: 17448, Start Num: 18

Candidate Starts for Yahalom_21:

(Start: 18 @16369 has 54 MA's), (26, 16387), (29, 16405), (35, 16465), (39, 16501), (62, 16705), (82, 16882), (96, 16996), (98, 17020), (110, 17149), (122, 17302), (126, 17371), (127, 17389), (129, 17407),

Gene: Yeshua_20 Start: 16071, Stop: 16883, Start Num: 20

Candidate Starts for Yeshua_20:

(Start: 20 @16071 has 53 MA's), (27, 16089), (35, 16164), (40, 16203), (44, 16248), (53, 16335), (55, 16356), (57, 16374), (64, 16422), (86, 16617), (98, 16719), (106, 16791),

Gene: Yinz_21 Start: 16396, Stop: 17475, Start Num: 18

Candidate Starts for Yinz_21:

(Start: 18 @16396 has 54 MA's), (26, 16414), (29, 16432), (35, 16492), (39, 16528), (62, 16732), (82, 16909), (96, 17023), (98, 17047), (110, 17176), (122, 17329), (126, 17398), (127, 17416), (129, 17434),

Gene: Yoshand_18 Start: 14703, Stop: 15503, Start Num: 19

Candidate Starts for Yoshand_18:

(Start: 19 @14703 has 291 MA's), (32, 14766), (38, 14823), (39, 14832), (40, 14835), (47, 14931), (53, 14967), (68, 15084), (82, 15216), (84, 15231), (86, 15252), (89, 15282), (98, 15351), (104, 15402), (106, 15423), (109, 15477), (110, 15480),

Gene: YouGoGlencoco_18 Start: 14696, Stop: 15496, Start Num: 19

Candidate Starts for YouGoGlencoco_18:

(Start: 19 @14696 has 291 MA's), (32, 14759), (38, 14816), (39, 14825), (40, 14828), (47, 14924), (53, 14960), (68, 15077), (82, 15209), (84, 15224), (86, 15245), (89, 15275), (98, 15344), (104, 15395), (106, 15416), (109, 15470), (110, 15473),

Gene: Zaider_19 Start: 14929, Stop: 15729, Start Num: 19

Candidate Starts for Zaider_19:

(Start: 19 @14929 has 291 MA's), (32, 14992), (38, 15049), (39, 15058), (40, 15061), (47, 15157), (53, 15193), (68, 15310), (82, 15442), (84, 15457), (86, 15478), (89, 15508), (98, 15577), (104, 15628), (106, 15649), (109, 15703), (110, 15706),

Gene: Zelda_18 Start: 14699, Stop: 15499, Start Num: 19

Candidate Starts for Zelda_18:

(Start: 19 @14699 has 291 MA's), (32, 14762), (38, 14819), (39, 14828), (40, 14831), (47, 14927), (53, 14963), (68, 15080), (82, 15212), (84, 15227), (86, 15248), (89, 15278), (98, 15347), (104, 15398), (106, 15419), (109, 15473), (110, 15476),

Gene: Zemanar_19 Start: 16440, Stop: 17246, Start Num: 21

Candidate Starts for Zemanar_19:

(Start: 21 @16440 has 53 MA's), (32, 16503), (39, 16569), (40, 16572), (42, 16590), (50, 16683), (53, 16704), (55, 16725), (70, 16842), (72, 16860), (82, 16953), (89, 17019), (94, 17055), (98, 17088), (100, 17100), (101, 17103), (104, 17139),

Gene: Zenteno07_23 Start: 15859, Stop: 16659, Start Num: 19

Candidate Starts for Zenteno07_23:

(Start: 19 @15859 has 291 MA's), (32, 15922), (39, 15988), (40, 15991), (53, 16123), (68, 16240), (72, 16279), (98, 16507), (105, 16564),

Gene: Zonia_18 Start: 14713, Stop: 15513, Start Num: 19

Candidate Starts for Zonia_18:

(Start: 19 @14713 has 291 MA's), (32, 14776), (38, 14833), (39, 14842), (40, 14845), (47, 14941), (53, 14977), (68, 15094), (82, 15226), (84, 15241), (86, 15262), (89, 15292), (98, 15361), (104, 15412), (109, 15487), (110, 15490),