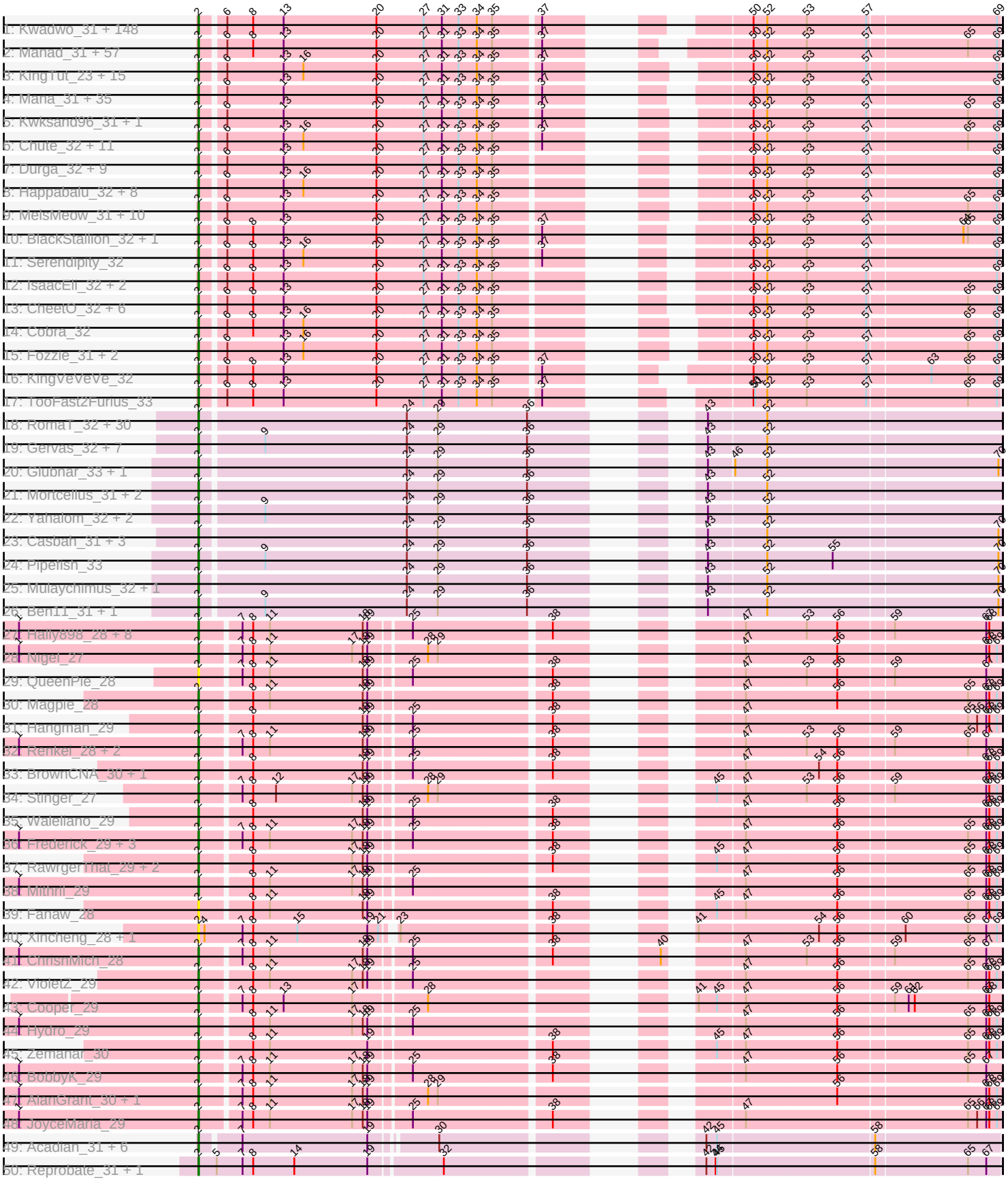
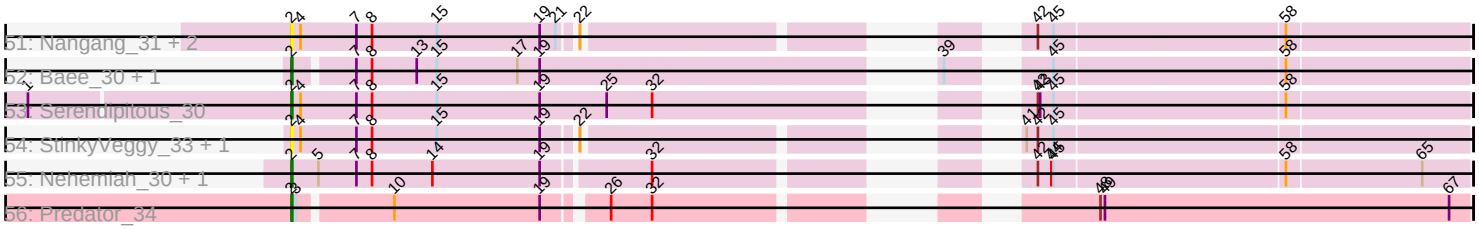
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1: Kwadwo_31 + 148
2: Manad_31 + 57
3: KingTut_23 + 15
4: Mana_31 + 35
5: Kwksand96_31 + 1
6: Chute_32 + 11
7: Durga_32 + 9
8: Happabatu_32 + 8
9: MelsMeow_31 + 10
10: BlackStallion_32 + 1
11: Serendipity_32
12: IsaacEli_32 + 2
13: CheetO_32 + 6
14: Cobra_32
15: Fozzie_31 + 2
16: KingVeVeVe_32
17: TooFast2Furius_33
18: RomaT_32 + 30
19: Gervas_32 + 7
20: Glubnar_33 + 1
21: Moncellus_31 + 2
22: Yahalom_32 + 2
23: Casban_31 + 3
24: Pipefish_33
25: Mulaychimus_32 + 1
26: Ben11_31 + 1
27: Rally898_28 + 8
28: Nigel_27
29: QueenPie_28
30: Magpie_28
31: Hangman_29
32: Renkei_28 + 2
33: BrownCNA_30 + 1
34: Stinger_27
35: Walellano_29
36: Frederick_29 + 3
37: RawrgerThat_29 + 2
38: Mithril_29
39: Fanaw_28
40: Xincheng_28 + 1
41: ChrisMich_28
42: VioletZ_29
43: Cooper_29
44: Hydro_29
45: Zemanar_30
46: BobbyK_29
47: AlanGrant_30 + 1
48: JoyceMaria_29
49: Acadian_31 + 6
50: Reprobate_31 + 1

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51: Nangang_31 + 2
52: Baee_30 + 1
53: Serendipitous_30
54: StinkyVeggy_33 + 1
55: Nehemiah_30 + 1
56: Predator_34

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 339207 Report

This analysis was run 11/14/26 on database version 672.

Pham number 339207 has 438 members, 48 are drafts.

Phages represented in each track:
• Track 1 : Kwadwo_31, Gophee_32, Schueller_31, Kailash_32, PallasAthena_31, Freya_31, Olak_31, Sigman_32, Scoot17C_32, DolOn_33, Puhltonio_32, Mag7_31, Mcshane_31, Mesh1_32, Mecca_31, Samaymay_32, MitKao_32, Scrick_32, TomBombadil_32, Bishoperium_31, Lulumae_31, Phipps_32, Craff_32, BoogieWoogie_32, Andre_32, Orion_32, Potter_31, Xavier_31, PhrodoBaggins_31, Megatron_32, FriarPreacher_32, Vaticameos_32, Salazzle_32, Podrick_32, Beaglebox_31, Bluephacebaby_31, CampRoach_32, ProfessorX_32, Pacifista_31, Anderson_32, Harvey_32, SassyCat97_31, Charles1_32, Chah_33, Hertubise_32, QueenBeane_32, Telesworld_31, Omniscient_32, Jiminy_31, Banjo_31, Iridoclysis_32, Badfish_32, Phareon_32, Adriana_32, Lego3393_32, FremontTroll_31, Giraffe_32, Kimbrough_32, Lumine_31, PhatCats2014_32, Nyala_31, Riggan_32, Kahve_31, YouGoGlencoco_32, EmpTee_32, Nova1_31, Cosmolli16_31, ShiVal_32, LemonSlice_32, True_31, Legolas_31, Thora_32, HighStump_31, Simielle_31, Phergie_31, Piglet_0031, LasagnaCat_32, Cher_31, JacAttac_32, Hocus_31, Squid_32, Veritas_31, HogWash_31, Dione_31, Skippy_32, Swiphy_32, Doddsville_32, CamL_32, Plmatters_32, HenryJackson_31, Tomlarah_32, Megamind20_32, Haleema_31, Hartsy_32, Vectra_31, PG1_32, Zaider_33, Morty_32, Roscoe_33, Phunky_32, Phamished_32, Fringe_32, Weher20_32, Numberten_32, Hamish_32, Orfeu_31, ABU_32, NiaNia_33, Toni_31, PhatLouie_32, Melc17_32, PhrankReynolds_31, Roy17_32, CharlieGBrown_31, Placalicious_31, DelRivs_31, Serpentine_0032, Haimas_32, Spartan300_32, Waterdiva_32, PhenghisKhan_31, Jillium_31, Nicole21_32, Surely_32, Mosaic_31, Phleuron_31, Slatt_32, DuchessDung_30, ThreeOh3D2_32, Jesabah_32, Virapocalypse_32, Burr_31, Valjean_32, Dati_32, Olive_32, BatteryCK_31, Soile_32, Ricotta_31, FugateOSU_31, Oline_31, Orwigg_31, AngelCake_32, JangoPhett_32, Iridessa_32, DoesntMatter_32, Buckeye_32, Gareth_31, MichaelPhcott_31, Chipette_33
• Track 2 : Manad_31, RedRaider89_33, Sheila_32, AltPhacts_32, Dingo_32, Robyn_31, GreenChile_32, Tooj_32, Roliet_32, RedMaple_31, EmGer13_31, Kloppinator_32, Colbert_32, Triad_32, Inverness_32, Usavi_32, Cornbread_31, HSavage_32, Basato_33, Eremos_32, Frankicide_32, Daka_32, Schadenfreude_31, Azuria_31, Katniss_32, Antonia_31, Lehmann_32, Soto_32, Cornobble_31, Vaishali24_31, BlueHusk_32, SallyH_32, OliverWalter_32, Aonishiki_32, Vivaldi_32, Aelin_31, Nacho_0032, KlimbOn_32, Suffolk_32, Mikota_32, ShadowBud_32, Hetaeria_32, UAch1_32, Crownjwl_32, Septica_31, Yoshand_32, MiniBoss_32, Prickles_32, Pherdinand_32, Riverton_32, DirtJuice_32, Horchata_32, Boehler_32, AbsoluteMadLad_31, SDcharge11_32, Swish_32, Carthage_30, Quisquiliae_32

• Track 3 : KingTut_23, Cannibal_32, Morgushi_32, Murdoc_32, Timmi_31, LeeLot_32, Matalotodo_32, SilverBell_32, Zelda_32, DonSanchon_31, TallGrassMM_32, Vortex_32, Sophia_31, Chorkpop_32, Solosis_31, UncleHowie_32
• Track 4 : Mana_31, Lasso_32, LostAndPhound_31, Lulwa_32, PinheadLarry_32, OneBrain_32, Held_32, Oosterbaan_32, Longacauda_31, Caspiboi_31, LeiMonet_32, MRabcd_31, LuckyMarjie_31, Dice_31, Altwerkus_31, Brilliant_32, Eugenia_32, Etaye_32, Squiggle_32, JakeO_31, Struggle_31, Pinkman_31, Vista_32, Mesmerelda_31, Mutante_31, Grand2040_31, Selr12_32, Inchworm_32, Childish_31, DaddyDaniels_32, Magic8_32, Zonia_32, Pipsqueak_32, Fang_32, Duggie_31, Wallhey_31
• Track 5 : Kwksand96_31, Hekos_29
• Track 6 : Chute_32, Chaelin_32, SirBeauregard_32, Coletti_32, Windsor_31, Keitherie_32, Virgeve_31, Jiraiya_31, Flake_32, Larson_33, BlacksBerry_31, Thunderbird_31
• Track 7 : Durga_32, Emiris_32, GeneCoco_32, Trypo_32, Khan1_31, Labeouficaum_31, Rimu_32, MrPhizzler_32, Derpp_31, TyrionL_31
• Track 8 : Happabalu_32, Aleia_32, Nehme_31, Kiwot_31, Daffy_32, Jbug01_31, Gwennie1_32, Karn_31, Taraxa_31
• Track 9 : MelsMeow_31, ElvisPhasley_32, Ashraf_31, Lopsy_31, Pops_32, JDog_31, Plata_31, ImtiyazSitla_31, Chuni_32, Maskar_31, FleetyMac_32
• Track 10 : BlackStallion_32, FluffyNinja_32
• Track 11 : Serendipity_32
• Track 12 : IsaacEli_32, Kikipoo_32, Mulan_31
• Track 13 : CheetO_32, Chunky_32, Gyarad_0032, Apizium_31, Gwilliam_32, Newman_32, KLucky39_32
• Track 14 : Cobra_32
• Track 15 : Fozzie_31, Nathan_32, OSmaximus_32
• Track 16 : KingVeVeVe_32
• Track 17 : TooFast2Furius_33
• Track 18 : RomaT_32, Rita1961_32, ChaChing_32, Athena_33, Morty007_32, Nozo_32, Tydolla_32, SlippinJimmy_32, Marley1013_32, OrangeOswald_32, Devonte_32, Akoma_32, Olivio_31, Chandler_32, LestyG_32, Abinghost_32, Deenasa_32, Heathcliff_32, Obutu_32, Yinz_32, Shenandoah_32, RagingRooster_32, Phaedrus_30, Chentzyk_31, Audrey_32, SynergyX_32, Baloo_32, Briakila_32, Corofin_32, Daisy_32, SwainyDoc_32
• Track 19 : Gervas_32, Phlyer_32, Gadjet_33, GlenHope_33, Compostia_33, HarveySr_32, Chalmers_32, Halfpint_31
• Track 20 : Glubnar_33, Phayeta_32
• Track 21 : Mortcellus_31, Neos5_32, Philly_31
• Track 22 : Yahalom_32, Kamiyu_32, Jackstina_29
• Track 23 : Casbah_31, MmasiCarm_32, Marlia_32, TinyTerror_32
• Track 24 : Pipefish_33
• Track 25 : Mulaychimus_32, Bernardo_32
• Track 26 : Ben11_31, Kronus_31
• Track 27 : Hally898_28, Antihero_28, Ahwei_28, Poster_28, Lambano_28, JAMaL_29, GinPorsche_28, Nanao_28, Epah_28
• Track 28 : Nigel_27
• Track 29 : QueenPie_28
• Track 30 : Magpie_28
• Track 31 : Hangman_29
• Track 32 : Renkei_28, Austelle_30, LittleDigger_28
• Track 33 : BrownCNA_30, Lolalove_29
• Track 34 : Stinger_27

• Track 35 : Waleliano_29
• Track 36 : Frederick_29, Mudslide_29, Prince_29, Apex_29
• Track 37 : RawrgerThat_29, Fortunato_29, Heath_28
• Track 38 : Mithril_29
• Track 39 : Fanaw_28
• Track 40 : Xincheng_28, JaguarMi_29
• Track 41 : ChrisnMich_28
• Track 42 : VioletZ_29
• Track 43 : Cooper_29
• Track 44 : Hydro_29
• Track 45 : Zemanar_30
• Track 46 : BobbyK_29
• Track 47 : AlanGrant_30, Vincenzo_30
• Track 48 : JoyceMaria_29
• Track 49 : Acadian_31, Rita130_31, EastView9101_30, Donny_31, Suigeneris_31, SirJeffery_31, Reccee_31
• Track 50 : Reprobate_31, Phelemich_31
• Track 51 : Nangang_31, DigitDog_31, Shenyu_31
• Track 52 : Baee_30, Rich_30
• Track 53 : Serendipitous_30
• Track 54 : StinkyVeggy_33, KarasumaRum_33
• Track 55 : Nehemiah_30, Mysterious_31
• Track 56 : Predator_34

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

The start number called the most often in the published annotations is 2, it was called in 390 of the 390 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ABU_32, Abinghost_32, AbsoluteMadLad_31, Acadian_31, Adriana_32, Aelin_31, Ahwei_28, Akoma_32, AlanGrant_30, Aleia_32, AltPhacts_32, Altwerkus_31, Anderson_32, Andre_32, AngelCake_32, Antihero_28, Antonia_31, Aonishiki_32, Apex_29, Apizium_31, Ashraf_31, Athena_33, Audrey_32, Austelle_30, Azuria_31, Badfish_32, Baee_30, Baloo_32, Banjo_31, Basato_33, BatteryCK_31, Beaglebox_31, Ben11_31, Bernardo_32, Bishoperium_31, BlackStallion_32, BlacksBerry_31, BlueHusk_32, Bluephacebaby_31, BobbyK_29, Boehler_32, BoogieWoogie_32, Briakila_32, Brilliant_32, BrownCNA_30, Buckeye_32, Burr_31, CamL_32, CampRoach_32, Cannibal_32, Carthage_30, Casbah_31, Caspiboi_31, ChaChing_32, Chaelin_32, Chah_33, Chalmers_32, Chandler_32, Charles1_32, CharlieGBrown_31, CheetO_32, Chentzyk_31, Cher_31, Childish_31, Chipette_33, Chorkpop_32, ChrisnMich_28, Chuni_32, Chunky_32, Chute_32, Cobra_32, Colbert_32, Coletti_32, Compostia_33, Cooper_29, Cornbread_31, Cornobble_31, Corofin_32, Cosmolli16_31, Craff_32, Crownjwl_32, DaddyDaniels_32, Daffy_32, Daisy_32, Daka_32, Dati_32, Deenasa_32, DelRivs_31, Derpp_31, Devonte_32, Dice_31, DigitDog_31, Dingo_32, Dione_31, DirtJuice_32, Doddsville_32, DoesntMatter_32, DolOn_33, DonSanchon_31, Donny_31, DuchessDung_30, Duggie_31, Durga_32, EastView9101_30, ElvisPhasley_32, EmGer13_31, Emiris_32, EmpTee_32, Epah_28, Eremos_32, Etaye_32, Eugenia_32, Fanaw_28, Fang_32, Flake_32, FleetyMac_32, FluffyNinja_32, Fortunato_29, Fozzie_31,

Frankicide_32, Frederick_29, FremontTroll_31, Freya_31, FriarPreacher_32, Fringe_32, FugateOSU_31, Gadjet_33, Gareth_31, GeneCoco_32, Gervas_32, GinPorsche_28, Giraffe_32, GlenHope_33, Glubnar_33, Gophee_32, Grand2040_31, GreenChile_32, Gwennie1_32, Gwilliam_32, Gyarad_0032, HSavage_32, Haimas_32, Haleema_31, Halfpint_31, Hally898_28, Hamish_32, Hangman_29, Happabalu_32, Hartsy_32, HarveySr_32, Harvey_32, Heath_28, Heathcliff_32, Hekos_29, Held_32, HenryJackson_31, Hertubise_32, Hetaeria_32, HighStump_31, Hocus_31, HogWash_31, Horchata_32, Hydro_29, ImtiyazSitla_31, Inchworm_32, Inverness_32, Iridessa_32, Iridoclysis_32, IsaacEli_32, JAMaL_29, JDog_31, JacAttac_32, Jackstina_29, JaguarMi_29, JakeO_31, JangoPhett_32, Jbug01_31, Jesabah_32, Jillium_31, Jiminy_31, Jiraiya_31, JoyceMaria_29, KLucky39_32, Kahve_31, Kailash_32, Kamiyu_32, KarasumaRum_33, Karn_31, Katniss_32, Keitherie_32, Khan1_31, Kikipoo_32, Kimbrough_32, KingTut_23, KingVeVeVe_32, Kiwot_31, KlimbOn_32, Kloppinator_32, Kronus_31, Kwadwo_31, Kwksand96_31, Labeouficaum_31, Lambano_28, Larson_33, LasagnaCat_32, Lasso_32, LeeLot_32, Lego3393_32, Legolas_31, Lehmann_32, LeiMonet_32, LemonSlice_32, LestyG_32, LittleDigger_28, Lolalove_29, Longacauda_31, Lopsy_31, LostAndPhound_31, LuckyMarjie_31, Lulumae_31, Lulwa_32, Lumine_31, MRabcd_31, Mag7_31, Magic8_32, Magpie_28, Mana_31, Manad_31, Marley1013_32, Marlia_32, Maskar_31, Matalotodo_32, Mcshane_31, Mecca_31, Megamind20_32, Megatron_32, Melc17_32, MelsMeow_31, Mesh1_32, Mesmerelda_31, MichaelPhcott_31, Mikota_32, MiniBoss_32, MitKao_32, Mithril_29, MmasiCarm_32, Morgushi_32, Mortcellus_31, Morty007_32, Morty_32, Mosaic_31, MrPhizzler_32, Mudslide_29, Mulan_31, Mulaychimus_32, Murdoc_32, Mutante_31, Mysterious_31, Nacho_0032, Nanao_28, Nangang_31, Nathan_32, Nehemiah_30, Nehme_31, Neos5_32, Newman_32, NiaNia_33, Nicole21_32, Nigel_27, Nova1_31, Nozo_32, Numberten_32, Nyala_31, OSmaximus_32, Obutu_32, Olak_31, Oline_31, Olive_32, OliverWalter_32, Olivio_31, Omniscient_32, OneBrain_32, Oosterbaan_32, OrangeOswald_32, Orfeu_31, Orion_32, Orwigg_31, PG1_32, Pacifista_31, PallasAthena_31, Phaedrus_30, Phamished_32, Phareon_32, PhatCats2014_32, PhatLouie_32, Phayeta_32, Phelemich_31, PhenghisKhan_31, Pherdinand_32, Phergie_31, Philly_31, Phipps_32, Phleuron_31, Phlyer_32, PhrankReynolds_31, PhrodoBaggins_31, Phunky_32, Piglet_0031, PinheadLarry_32, Pinkman_31, Pipefish_33, Pipsqueak_32, Placalicious_31, Plata_31, Plmatters_32, Podrick_32, Pops_32, Poster_28, Potter_31, Predator_34, Prickles_32, Prince_29, ProfessorX_32, Puhltonio_32, QueenBeane_32, QueenPie_28, Quisquiliae_32, RagingRooster_32, RawrgerThat_29, Reccee_31, RedMaple_31, RedRaider89_33, Renkei_28, Reprobate_31, Rich_30, Ricotta_31, Riggan_32, Rimu_32, Rita130_31, Rita1961_32, Riverton_32, Robyn_31, Roliet_32, RomaT_32, Roscoe_33, Roy17_32, SDcharge11_32, Salazzle_32, SallyH_32, Samaymay_32, SassyCat97_31, Schadenfreude_31, Schueller_31, Scoot17C_32, Scrick_32, Selr12_32, Septica_31, Serendipitous_30, Serendipity_32, Serpentine_0032, ShadowBud_32, Sheila_32, Shenandoah_32, Shenyu_31, ShiVal_32, Sigman_32, SilverBell_32, Simielle_31, SirBeauregard_32, SirJeffery_31, Skippy_32, Slatt_32, SlippinJimmy_32, Soile_32, Solosis_31, Sophia_31, Soto_32, Spartan300_32, Squid_32, Squiggle_32, Stinger_27, StinkyVeggy_33, Struggle_31, Suffolk_32, Suigeneris_31, Surely_32, SwainyDoc_32, Swiphy_32, Swish_32, SynergyX_32, TallGrassMM_32, Taraxa_31, Telesworld_31, Thora_32, ThreeOh3D2_32, Thunderbird_31, Timmi_31, TinyTerror_32, TomBombadil_32, Tomlarah_32, Toni_31, TooFast2Furius_33, Tooj_32, Triad_32, True_31, Trypo_32, Tydolla_32, TyrionL_31, UAch1_32, UncleHowie_32, Usavi_32, Vaishali24_31, Valjean_32, Vaticameos_32, Vectra_31, Veritas_31, Vincenzo_30, VioletZ_29, Virapocalypse_32, Virgeve_31, Vista_32, Vivaldi_32, Vortex_32, Waleliano_29, Wallhey_31, Waterdiva_32, Weher20_32,

Windsor_31, Xavier_31, Xincheng_28, Yahalom_32, Yinz_32, Yoshand_32, YouGoGlencoco_32, Zaider_33, Zelda_32, Zemanar_30, Zonia_32,

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

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

Summary by start number:

Start 2:
• Found in 438 of 438 (100.0%) of genes in pham
• Manual Annotations of this start: 390 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ABU_32 (B1), Abinghost_32 (B3), AbsoluteMadLad_31 (B1), Acadian_31 (B5), Adriana_32 (B1), Aelin_31 (B1), Ahwei_28 (B4), Akoma_32 (B3), AlanGrant_30 (B4), Aleia_32 (B1), AltPhacts_32 (B1), Altwerkus_31 (B1), Anderson_32 (B1), Andre_32 (B1), AngelCake_32 (B1), Antihero_28 (B4), Antonia_31 (B1), Aonishiki_32 (B1), Apex_29 (B4), Apizium_31 (B1), Ashraf_31 (B1), Athena_33 (B3), Audrey_32 (B3), Austelle_30 (B4), Azuria_31 (B1), Badfish_32 (B1), Baee_30 (B5), Baloo_32 (B3), Banjo_31 (B1), Basato_33 (B1), BatteryCK_31 (B1), Beaglebox_31 (B1), Ben11_31 (B3), Bernardo_32 (B3), Bishoperium_31 (B1), BlackStallion_32 (B1), BlacksBerry_31 (B1), BlueHusk_32 (B1), Bluephacebaby_31 (B1), BobbyK_29 (B4), Boehler_32 (B1), BoogieWoogie_32 (B1), Briakila_32 (B3), Brilliant_32 (B1), BrownCNA_30 (B4), Buckeye_32 (B1), Burr_31 (B1), CamL_32 (B1), CampRoach_32 (B1), Cannibal_32 (B1), Carthage_30 (B1), Casbah_31 (B3), Caspiboi_31 (B1), ChaChing_32 (B3), Chaelin_32 (B1), Chah_33 (B1), Chalmers_32 (B3), Chandler_32 (B3), Charles1_32 (B1), CharlieGBrown_31 (B1), CheetO_32 (B1), Chentzyk_31 (B3), Cher_31 (B1), Childish_31 (B1), Chipette_33 (B1), Chorkpop_32 (B1), ChrisnMich_28 (B4), Chuni_32 (B1), Chunky_32 (B1), Chute_32 (B1), Cobra_32 (B1), Colbert_32 (B1), Coletti_32 (B1), Compostia_33 (B3), Cooper_29 (B4), Cornbread_31 (B1), Cornobble_31 (B1), Corofin_32 (B3), Cosmolli16_31 (B1), Craff_32 (B1), Crownjwl_32 (B1), DaddyDaniels_32 (B1), Daffy_32 (B1), Daisy_32 (B3), Daka_32 (B1), Dati_32 (B1), Deenasa_32 (B3), DelRivs_31 (B1), Derpp_31 (B1), Devonte_32 (B3), Dice_31 (B1), DigitDog_31 (B5), Dingo_32 (B1), Dione_31 (B1), DirtJuice_32 (B1), Doddsville_32 (B1), DoesntMatter_32 (B1), DolOn_33 (B1), DonSanchon_31 (B1), Donny_31 (B5), DuchessDung_30 (B1), Duggie_31 (B1), Durga_32 (B1), EastView9101_30 (B5), ElvisPhasley_32 (B1), EmGer13_31 (B1), Emiris_32 (B1), EmpTee_32 (B1), Epah_28 (B4), Eremos_32 (B1), Etaye_32 (B1), Eugenia_32 (B1), Fanaw_28 (B4), Fang_32 (B1), Flake_32 (B1), FleetyMac_32 (B1), FluffyNinja_32 (B1), Fortunato_29 (B4), Fozzie_31 (B1), Frankicide_32 (B1), Frederick_29 (B4), FremontTroll_31 (B1), Freya_31 (B1), FriarPreacher_32 (B1), Fringe_32 (B1), FugateOSU_31 (B1), Gadjet_33 (B3), Gareth_31 (B1), GeneCoco_32 (B1), Gervas_32 (B3), GinPorsche_28 (B4), Giraffe_32 (B1), GlenHope_33 (B3), Glubnar_33 (B3), Gophee_32 (B1), Grand2040_31 (B1), GreenChile_32 (B1), Gwennie1_32 (B1), Gwilliam_32 (B1), Gyarad_0032 (B1), HSavage_32 (B1), Haimas_32 (B1), Haleema_31 (B1), Halfpint_31 (B3), Hally898_28 (B4), Hamish_32 (B1), Hangman_29 (B4), Happabalu_32 (B1), Hartsy_32 (B1), HarveySr_32 (B3), Harvey_32 (B1), Heath_28 (B4), Heathcliff_32 (B3), Hekos_29 (B1), Held_32 (B1), HenryJackson_31 (B1), Hertubise_32 (B1), Hetaeria_32 (B1), HighStump_31 (B1), Hocus_31 (B1), HogWash_31 (B1), Horchata_32 (B1), Hydro_29 (B4),

ImtiyazSitla_31 (B1), Inchworm_32 (B1), Inverness_32 (B1), Iridessa_32 (B1), Iridoclysis_32 (B1), IsaacEli_32 (B1), JAMaL_29 (B4), JDog_31 (B1), JacAttac_32 (B1), Jackstina_29 (B3), JaguarMi_29 (B4), JakeO_31 (B1), JangoPhett_32 (B1), Jbug01_31 (B1), Jesabah_32 (B1), Jillium_31 (B1), Jiminy_31 (B1), Jiraiya_31 (B1), JoyceMaria_29 (B4), KLucky39_32 (B1), Kahve_31 (B1), Kailash_32 (B1), Kamiyu_32 (B3), KarasumaRum_33 (B5), Karn_31 (B1), Katniss_32 (B1), Keitherie_32 (B1), Khan1_31 (B1), Kikipoo_32 (B1), Kimbrough_32 (B1), KingTut_23 (B1), KingVeVeVe_32 (B1), Kiwot_31 (B1), KlimbOn_32 (B1), Kloppinator_32 (B1), Kronus_31 (B3), Kwadwo_31 (B1), Kwksand96_31 (B1), Labeouficaum_31 (B1), Lambano_28 (B4), Larson_33 (B1), LasagnaCat_32 (B1), Lasso_32 (B1), LeeLot_32 (B1), Lego3393_32 (B1), Legolas_31 (B1), Lehmann_32 (B1), LeiMonet_32 (B1), LemonSlice_32 (B1), LestyG_32 (B3), LittleDigger_28 (B4), Lolalove_29 (B4), Longacauda_31 (B1), Lopsy_31 (B1), LostAndPhound_31 (B1), LuckyMarjie_31 (B1), Lulumae_31 (B1), Lulwa_32 (B1), Lumine_31 (B1), MRabcd_31 (B1), Mag7_31 (B1), Magic8_32 (B1), Magpie_28 (B4), Mana_31 (B1), Manad_31 (B1), Marley1013_32 (B3), Marlia_32 (B3), Maskar_31 (B1), Matalotodo_32 (B1), Mcshane_31 (B1), Mecca_31 (B1), Megamind20_32 (B1), Megatron_32 (B1), Melc17_32 (B1), MelsMeow_31 (B1), Mesh1_32 (B1), Mesmerelda_31 (B1), MichaelPhcott_31 (B1), Mikota_32 (B1), MiniBoss_32 (B1), MitKao_32 (B1), Mithril_29 (B4), MmasiCarm_32 (B3), Morgushi_32 (B1), Mortcellus_31 (B3), Morty007_32 (B3), Morty_32 (B1), Mosaic_31 (B1), MrPhizzler_32 (B1), Mudslide_29 (B4), Mulan_31 (B1), Mulaychimus_32 (B3), Murdoc_32 (B1), Mutante_31 (B1), Mysterious_31 (B5), Nacho_0032 (B1), Nanao_28 (B4), Nangang_31 (B5), Nathan_32 (B1), Nehemiah_30 (B5), Nehme_31 (B1), Neos5_32 (B3), Newman_32 (B1), NiaNia_33 (B1), Nicole21_32 (B1), Nigel_27 (B4), Nova1_31 (B1), Nozo_32 (B3), Numberten_32 (B1), Nyala_31 (B1), OSmaximus_32 (B1), Obutu_32 (B3), Olak_31 (B1), Oline_31 (B1), Olive_32 (B1), OliverWalter_32 (B1), Olivio_31 (B3), Omniscient_32 (B1), OneBrain_32 (B1), Oosterbaan_32 (B1), OrangeOswald_32 (B3), Orfeu_31 (B1), Orion_32 (B1), Orwigg_31 (B1), PG1_32 (B1), Pacifista_31 (B1), PallasAthena_31 (B1), Phaedrus_30 (B3), Phamished_32 (B1), Phareon_32 (B1), PhatCats2014_32 (B1), PhatLouie_32 (B1), Phayeta_32 (B3), Phelemich_31 (B5), PhenghisKhan_31 (B1), Pherdinand_32 (B1), Phergie_31 (B1), Philly_31 (B3), Phipps_32 (B1), Phleuron_31 (B1), Phlyer_32 (B3), PhrankReynolds_31 (B1), PhrodoBaggins_31 (B1), Phunky_32 (B1), Piglet_0031 (B1), PinheadLarry_32 (B1), Pinkman_31 (B1), Pipefish_33 (B3), Pipsqueak_32 (B1), Placalicious_31 (B1), Plata_31 (B1), Plmatters_32 (B1), Podrick_32 (B1), Pops_32 (B1), Poster_28 (B4), Potter_31 (B1), Predator_34 (H1), Prickles_32 (B1), Prince_29 (B4), ProfessorX_32 (B1), Puhltonio_32 (B1), QueenBeane_32 (B1), QueenPie_28 (B4), Quisquiliae_32 (B1), RagingRooster_32 (B3), RawrgerThat_29 (B4), Reccee_31 (B5), RedMaple_31 (B1), RedRaider89_33 (B1), Renkei_28 (B4), Reprobate_31 (B5), Rich_30 (B5), Ricotta_31 (B1), Riggan_32 (B1), Rimu_32 (B1), Rita130_31 (B5), Rita1961_32 (B3), Riverton_32 (B1), Robyn_31 (B1), Roliet_32 (B1), RomaT_32 (B3), Roscoe_33 (B1), Roy17_32 (B1), SDcharge11_32 (B1), Salazzle_32 (B1), SallyH_32 (B1), Samaymay_32 (B1), SassyCat97_31 (B1), Schadenfreude_31 (B1), Schueller_31 (B1), Scoot17C_32 (B1), Scrick_32 (B1), Selr12_32 (B1), Septica_31 (B1), Serendipitous_30 (B5), Serendipity_32 (B1), Serpentine_0032 (B1), ShadowBud_32 (B1), Sheila_32 (B1), Shenandoah_32 (B3), Shenyu_31 (B5), ShiVal_32 (B1), Sigman_32 (B1), SilverBell_32 (B1), Simielle_31 (B1), SirBeauregard_32 (B1), SirJeffery_31 (B5), Skippy_32 (B1), Slatt_32 (B1), SlippinJimmy_32 (B3), Soile_32 (B1), Solosis_31 (B1), Sophia_31 (B1), Soto_32 (B1), Spartan300_32 (B1), Squid_32 (B1), Squiggle_32 (B1), Stinger_27 (B4), StinkyVeggy_33 (B5), Struggle_31 (B1), Suffolk_32 (B1), Suigeneris_31 (B5), Surely_32 (B1), SwainyDoc_32 (B3), Swiphy_32 (B1), Swish_32 (B1), SynergyX_32 (B3), TallGrassMM_32 (B1), Taraxa_31 (B1),

Telesworld_31 (B1), Thora_32 (B1), ThreeOh3D2_32 (B1), Thunderbird_31 (B1), Timmi_31 (B1), TinyTerror_32 (B3), TomBombadil_32 (B1), Tomlarah_32 (B1), Toni_31 (B1), TooFast2Furius_33 (B1), Tooj_32 (B1), Triad_32 (B1), True_31 (B1), Trypo_32 (B1), Tydolla_32 (B3), TyrionL_31 (B1), UAch1_32 (B1), UncleHowie_32 (B1), Usavi_32 (B1), Vaishali24_31 (B1), Valjean_32 (B1), Vaticameos_32 (B1), Vectra_31 (B1), Veritas_31 (B1), Vincenzo_30 (B4), VioletZ_29 (B4), Virapocalypse_32 (B1), Virgeve_31 (B1), Vista_32 (B1), Vivaldi_32 (B1), Vortex_32 (B1), Waleliano_29 (B4), Wallhey_31 (B1), Waterdiva_32 (B1), Weher20_32 (B1), Windsor_31 (B1), Xavier_31 (B1), Xincheng_28 (B4), Yahalom_32 (B3), Yinz_32 (B3), Yoshand_32 (B1), YouGoGlencoco_32 (B1), Zaider_33 (B1), Zelda_32 (B1), Zemanar_30 (B4), Zonia_32 (B1),

Summary by clusters:

There are 5 clusters represented in this pham: B4, B5, H1, B1, B3,

Info for manual annotations of cluster B1:
•Start number 2 was manually annotated 296 times for cluster B1.

Info for manual annotations of cluster B3:
•Start number 2 was manually annotated 53 times for cluster B3.

Info for manual annotations of cluster B4:
•Start number 2 was manually annotated 29 times for cluster B4.

Info for manual annotations of cluster B5:
•Start number 2 was manually annotated 11 times for cluster B5.

Info for manual annotations of cluster H1:
•Start number 2 was manually annotated 1 time for cluster H1.

Gene Information:

Gene: ABU_32 Start: 31015, Stop: 32361, Start Num: 2
Candidate Starts for ABU_32:
(Start: 2 @31015 has 390 MA's), (6, 31054), (8, 31105), (13, 31165), (20, 31348), (27, 31435), (31, 31471), (33, 31504), (34, 31540), (35, 31570), (37, 31651), (50, 31891), (52, 31918), (53, 31996), (57, 32113), (69, 32356),

Gene: Abinghost_32 Start: 30840, Stop: 32222, Start Num: 2
Candidate Starts for Abinghost_32:
(Start: 2 @30840 has 390 MA's), (24, 31233), (29, 31293), (36, 31461), (43, 31662), (52, 31773),

Gene: AbsoluteMadLad_31 Start: 31024, Stop: 32370, Start Num: 2
Candidate Starts for AbsoluteMadLad_31:
(Start: 2 @31024 has 390 MA's), (6, 31063), (8, 31114), (13, 31174), (20, 31357), (27, 31444), (31, 31480), (33, 31513), (34, 31549), (35, 31579), (37, 31660), (50, 31900), (52, 31927), (53, 32005), (57, 32122), (65, 32308), (69, 32365),

Gene: Acadian_31 Start: 31258, Stop: 32586, Start Num: 2
Candidate Starts for Acadian_31:

(Start: 2 @31258 has 390 MA's), (7, 31330), (19, 31576), (30, 31684), (42, 32029), (45, 32050), (58, 32347),

Gene: Adriana_32 Start: 31013, Stop: 32359, Start Num: 2
Candidate Starts for Adriana_32:
(Start: 2 @31013 has 390 MA's), (6, 31052), (8, 31103), (13, 31163), (20, 31346), (27, 31433), (31, 31469), (33, 31502), (34, 31538), (35, 31568), (37, 31649), (50, 31889), (52, 31916), (53, 31994), (57, 32111), (69, 32354),

Gene: Aelin_31 Start: 30579, Stop: 31925, Start Num: 2
Candidate Starts for Aelin_31:
(Start: 2 @30579 has 390 MA's), (6, 30618), (8, 30669), (13, 30729), (20, 30912), (27, 30999), (31, 31035), (33, 31068), (34, 31104), (35, 31134), (37, 31215), (50, 31455), (52, 31482), (53, 31560), (57, 31677), (65, 31863), (69, 31920),

Gene: Ahwei_28 Start: 30238, Stop: 31578, Start Num: 2
Candidate Starts for Ahwei_28:
(1, 29887), (Start: 2 @30238 has 390 MA's), (7, 30307), (8, 30328), (11, 30361), (18, 30544), (19, 30553), (25, 30622), (38, 30871), (47, 31090), (53, 31207), (56, 31267), (59, 31369), (67, 31549), (68, 31555),

Gene: Akoma_32 Start: 30844, Stop: 32226, Start Num: 2
Candidate Starts for Akoma_32:
(Start: 2 @30844 has 390 MA's), (24, 31237), (29, 31297), (36, 31465), (43, 31666), (52, 31777),

Gene: AlanGrant_30 Start: 31983, Stop: 33323, Start Num: 2
Candidate Starts for AlanGrant_30:
(1, 31632), (Start: 2 @31983 has 390 MA's), (7, 32052), (8, 32073), (11, 32106), (17, 32268), (18, 32289), (19, 32298), (28, 32397), (29, 32415), (56, 33012), (67, 33294), (68, 33300), (69, 33315),

Gene: Aleia_32 Start: 30596, Stop: 31942, Start Num: 2
Candidate Starts for Aleia_32:
(Start: 2 @30596 has 390 MA's), (6, 30635), (13, 30746), (16, 30785), (20, 30929), (27, 31016), (31, 31052), (33, 31085), (34, 31121), (35, 31151), (50, 31472), (52, 31499), (53, 31577), (57, 31694), (69, 31937),

Gene: AltPhacts_32 Start: 31002, Stop: 32348, Start Num: 2
Candidate Starts for AltPhacts_32:
(Start: 2 @31002 has 390 MA's), (6, 31041), (8, 31092), (13, 31152), (20, 31335), (27, 31422), (31, 31458), (33, 31491), (34, 31527), (35, 31557), (37, 31638), (50, 31878), (52, 31905), (53, 31983), (57, 32100), (65, 32286), (69, 32343),

Gene: Altwerkus_31 Start: 30702, Stop: 32048, Start Num: 2
Candidate Starts for Altwerkus_31:
(Start: 2 @30702 has 390 MA's), (6, 30741), (13, 30852), (20, 31035), (27, 31122), (31, 31158), (33, 31191), (34, 31227), (35, 31257), (37, 31338), (50, 31578), (52, 31605), (53, 31683), (57, 31800), (69, 32043),

Gene: Anderson_32 Start: 31008, Stop: 32354, Start Num: 2
Candidate Starts for Anderson_32:
(Start: 2 @31008 has 390 MA's), (6, 31047), (8, 31098), (13, 31158), (20, 31341), (27, 31428), (31, 31464), (33, 31497), (34, 31533), (35, 31563), (37, 31644), (50, 31884), (52, 31911), (53, 31989), (57, 32106), (69, 32349),

Gene: Andre_32 Start: 31006, Stop: 32352, Start Num: 2
Candidate Starts for Andre_32:
(Start: 2 @31006 has 390 MA's), (6, 31045), (8, 31096), (13, 31156), (20, 31339), (27, 31426), (31, 31462), (33, 31495), (34, 31531), (35, 31561), (37, 31642), (50, 31882), (52, 31909), (53, 31987), (57, 32104), (69, 32347),

Gene: AngelCake_32 Start: 31026, Stop: 32372, Start Num: 2
Candidate Starts for AngelCake_32:
(Start: 2 @31026 has 390 MA's), (6, 31065), (8, 31116), (13, 31176), (20, 31359), (27, 31446), (31, 31482), (33, 31515), (34, 31551), (35, 31581), (37, 31662), (50, 31902), (52, 31929), (53, 32007), (57, 32124), (69, 32367),

Gene: Antihero_28 Start: 30238, Stop: 31578, Start Num: 2
Candidate Starts for Antihero_28:
(1, 29887), (Start: 2 @30238 has 390 MA's), (7, 30307), (8, 30328), (11, 30361), (18, 30544), (19, 30553), (25, 30622), (38, 30871), (47, 31090), (53, 31207), (56, 31267), (59, 31369), (67, 31549), (68, 31555),

Gene: Antonia_31 Start: 30579, Stop: 31925, Start Num: 2
Candidate Starts for Antonia_31:
(Start: 2 @30579 has 390 MA's), (6, 30618), (8, 30669), (13, 30729), (20, 30912), (27, 30999), (31, 31035), (33, 31068), (34, 31104), (35, 31134), (37, 31215), (50, 31455), (52, 31482), (53, 31560), (57, 31677), (65, 31863), (69, 31920),

Gene: Aonishiki_32 Start: 31051, Stop: 32397, Start Num: 2
Candidate Starts for Aonishiki_32:
(Start: 2 @31051 has 390 MA's), (6, 31090), (8, 31141), (13, 31201), (20, 31384), (27, 31471), (31, 31507), (33, 31540), (34, 31576), (35, 31606), (37, 31687), (50, 31927), (52, 31954), (53, 32032), (57, 32149), (65, 32335), (69, 32392),

Gene: Apex_29 Start: 31445, Stop: 32782, Start Num: 2
Candidate Starts for Apex_29:
(1, 31094), (Start: 2 @31445 has 390 MA's), (7, 31514), (8, 31535), (11, 31568), (17, 31730), (18, 31751), (19, 31760), (25, 31829), (38, 32078), (47, 32297), (56, 32474), (65, 32720), (67, 32756), (68, 32762), (69, 32777),

Gene: Apizium_31 Start: 30770, Stop: 32116, Start Num: 2
Candidate Starts for Apizium_31:
(Start: 2 @30770 has 390 MA's), (6, 30809), (8, 30860), (13, 30920), (20, 31103), (27, 31190), (31, 31226), (33, 31259), (34, 31295), (35, 31325), (50, 31646), (52, 31673), (53, 31751), (57, 31868), (65, 32054), (69, 32111),

Gene: Ashraf_31 Start: 30574, Stop: 31920, Start Num: 2
Candidate Starts for Ashraf_31:
(Start: 2 @30574 has 390 MA's), (6, 30613), (13, 30724), (20, 30907), (27, 30994), (31, 31030), (33, 31063), (34, 31099), (35, 31129), (50, 31450), (52, 31477), (53, 31555), (57, 31672), (65, 31858), (69, 31915),

Gene: Athena_33 Start: 31591, Stop: 32973, Start Num: 2
Candidate Starts for Athena_33:
(Start: 2 @31591 has 390 MA's), (24, 31984), (29, 32044), (36, 32212), (43, 32413), (52, 32524),

Gene: Audrey_32 Start: 30840, Stop: 32222, Start Num: 2
Candidate Starts for Audrey_32:
(Start: 2 @30840 has 390 MA's), (24, 31233), (29, 31293), (36, 31461), (43, 31662), (52, 31773),

Gene: Austelle_30 Start: 31901, Stop: 33241, Start Num: 2
Candidate Starts for Austelle_30:
(1, 31550), (Start: 2 @31901 has 390 MA's), (7, 31970), (8, 31991), (11, 32024), (18, 32207), (19, 32216), (25, 32285), (38, 32534), (47, 32753), (53, 32870), (56, 32930), (59, 33032), (65, 33176), (67, 33212),

Gene: Azuria_31 Start: 31030, Stop: 32376, Start Num: 2
Candidate Starts for Azuria_31:
(Start: 2 @31030 has 390 MA's), (6, 31069), (8, 31120), (13, 31180), (20, 31363), (27, 31450), (31, 31486), (33, 31519), (34, 31555), (35, 31585), (37, 31666), (50, 31906), (52, 31933), (53, 32011), (57, 32128), (65, 32314), (69, 32371),

Gene: Badfish_32 Start: 31037, Stop: 32383, Start Num: 2
Candidate Starts for Badfish_32:
(Start: 2 @31037 has 390 MA's), (6, 31076), (8, 31127), (13, 31187), (20, 31370), (27, 31457), (31, 31493), (33, 31526), (34, 31562), (35, 31592), (37, 31673), (50, 31913), (52, 31940), (53, 32018), (57, 32135), (69, 32378),

Gene: Baee_30 Start: 31021, Stop: 32397, Start Num: 2
Candidate Starts for Baee_30:
(Start: 2 @31021 has 390 MA's), (7, 31093), (8, 31114), (13, 31174), (15, 31201), (17, 31309), (19, 31339), (39, 31771), (45, 31861), (58, 32158),

Gene: Baloo_32 Start: 30843, Stop: 32225, Start Num: 2
Candidate Starts for Baloo_32:
(Start: 2 @30843 has 390 MA's), (24, 31236), (29, 31296), (36, 31464), (43, 31665), (52, 31776),

Gene: Banjo_31 Start: 30713, Stop: 32059, Start Num: 2
Candidate Starts for Banjo_31:
(Start: 2 @30713 has 390 MA's), (6, 30752), (8, 30803), (13, 30863), (20, 31046), (27, 31133), (31, 31169), (33, 31202), (34, 31238), (35, 31268), (37, 31349), (50, 31589), (52, 31616), (53, 31694), (57, 31811), (69, 32054),

Gene: Basato_33 Start: 31241, Stop: 32638, Start Num: 2
Candidate Starts for Basato_33:
(Start: 2 @31241 has 390 MA's), (6, 31280), (8, 31331), (13, 31391), (20, 31574), (27, 31661), (31, 31697), (33, 31730), (34, 31766), (35, 31796), (37, 31877), (50, 32168), (52, 32195), (53, 32273), (57, 32390), (65, 32576), (69, 32633),

Gene: BatteryCK_31 Start: 30632, Stop: 31978, Start Num: 2
Candidate Starts for BatteryCK_31:
(Start: 2 @30632 has 390 MA's), (6, 30671), (8, 30722), (13, 30782), (20, 30965), (27, 31052), (31, 31088), (33, 31121), (34, 31157), (35, 31187), (37, 31268), (50, 31508), (52, 31535), (53, 31613), (57, 31730), (69, 31973),

Gene: Beaglebox_31 Start: 30733, Stop: 32079, Start Num: 2
Candidate Starts for Beaglebox_31:
(Start: 2 @30733 has 390 MA's), (6, 30772), (8, 30823), (13, 30883), (20, 31066), (27, 31153), (31, 31189), (33, 31222), (34, 31258), (35, 31288), (37, 31369), (50, 31609), (52, 31636), (53, 31714), (57,

31831), (69, 32074),

Gene: Ben11_31 Start: 30662, Stop: 32044, Start Num: 2
Candidate Starts for Ben11_31:
(Start: 2 @30662 has 390 MA's), (9, 30779), (24, 31055), (29, 31115), (36, 31283), (43, 31484), (52, 31595), (70, 32036),

Gene: Bernardo_32 Start: 30930, Stop: 32312, Start Num: 2
Candidate Starts for Bernardo_32:
(Start: 2 @30930 has 390 MA's), (24, 31323), (29, 31383), (36, 31551), (43, 31752), (52, 31863), (70, 32304),

Gene: Bishoperium_31 Start: 30722, Stop: 32068, Start Num: 2
Candidate Starts for Bishoperium_31:
(Start: 2 @30722 has 390 MA's), (6, 30761), (8, 30812), (13, 30872), (20, 31055), (27, 31142), (31, 31178), (33, 31211), (34, 31247), (35, 31277), (37, 31358), (50, 31598), (52, 31625), (53, 31703), (57, 31820), (69, 32063),

Gene: BlackStallion_32 Start: 31024, Stop: 32370, Start Num: 2
Candidate Starts for BlackStallion_32:
(Start: 2 @31024 has 390 MA's), (6, 31063), (8, 31114), (13, 31174), (20, 31357), (27, 31444), (31, 31480), (33, 31513), (34, 31549), (35, 31579), (37, 31660), (50, 31900), (52, 31927), (53, 32005), (57, 32122), (64, 32302), (65, 32308), (69, 32365),

Gene: BlacksBerry_31 Start: 30740, Stop: 32086, Start Num: 2
Candidate Starts for BlacksBerry_31:
(Start: 2 @30740 has 390 MA's), (6, 30779), (13, 30890), (16, 30929), (20, 31073), (27, 31160), (31, 31196), (33, 31229), (34, 31265), (35, 31295), (37, 31376), (50, 31616), (52, 31643), (53, 31721), (57, 31838), (65, 32024), (69, 32081),

Gene: BlueHusk_32 Start: 30521, Stop: 31867, Start Num: 2
Candidate Starts for BlueHusk_32:
(Start: 2 @30521 has 390 MA's), (6, 30560), (8, 30611), (13, 30671), (20, 30854), (27, 30941), (31, 30977), (33, 31010), (34, 31046), (35, 31076), (37, 31157), (50, 31397), (52, 31424), (53, 31502), (57, 31619), (65, 31805), (69, 31862),

Gene: Bluephacebaby_31 Start: 30719, Stop: 32065, Start Num: 2
Candidate Starts for Bluephacebaby_31:
(Start: 2 @30719 has 390 MA's), (6, 30758), (8, 30809), (13, 30869), (20, 31052), (27, 31139), (31, 31175), (33, 31208), (34, 31244), (35, 31274), (37, 31355), (50, 31595), (52, 31622), (53, 31700), (57, 31817), (69, 32060),

Gene: BobbyK_29 Start: 31270, Stop: 32610, Start Num: 2
Candidate Starts for BobbyK_29:
(1, 30919), (Start: 2 @31270 has 390 MA's), (7, 31339), (8, 31360), (11, 31393), (17, 31555), (18, 31576), (19, 31585), (25, 31654), (38, 31903), (47, 32122), (56, 32299), (65, 32545), (67, 32581),

Gene: Boehler_32 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for Boehler_32:
(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 31901), (52, 31928), (53, 32006), (57, 32123), (65, 32309), (69, 32366),

Gene: BoogieWoogie_32 Start: 30706, Stop: 32052, Start Num: 2
Candidate Starts for BoogieWoogie_32:
(Start: 2 @30706 has 390 MA's), (6, 30745), (8, 30796), (13, 30856), (20, 31039), (27, 31126), (31, 31162), (33, 31195), (34, 31231), (35, 31261), (37, 31342), (50, 31582), (52, 31609), (53, 31687), (57, 31804), (69, 32047),

Gene: Briakila_32 Start: 31605, Stop: 32987, Start Num: 2
Candidate Starts for Briakila_32:
(Start: 2 @31605 has 390 MA's), (24, 31998), (29, 32058), (36, 32226), (43, 32427), (52, 32538),

Gene: Brilliant_32 Start: 30730, Stop: 32076, Start Num: 2
Candidate Starts for Brilliant_32:
(Start: 2 @30730 has 390 MA's), (6, 30769), (13, 30880), (20, 31063), (27, 31150), (31, 31186), (33, 31219), (34, 31255), (35, 31285), (37, 31366), (50, 31606), (52, 31633), (53, 31711), (57, 31828), (69, 32071),

Gene: BrownCNA_30 Start: 31531, Stop: 32868, Start Num: 2
Candidate Starts for BrownCNA_30:
(Start: 2 @31531 has 390 MA's), (8, 31621), (18, 31837), (19, 31846), (25, 31915), (38, 32164), (47, 32383), (54, 32524), (56, 32560), (67, 32842), (68, 32848), (69, 32863),

Gene: Buckeye_32 Start: 31042, Stop: 32388, Start Num: 2
Candidate Starts for Buckeye_32:
(Start: 2 @31042 has 390 MA's), (6, 31081), (8, 31132), (13, 31192), (20, 31375), (27, 31462), (31, 31498), (33, 31531), (34, 31567), (35, 31597), (37, 31678), (50, 31918), (52, 31945), (53, 32023), (57, 32140), (69, 32383),

Gene: Burr_31 Start: 30718, Stop: 32064, Start Num: 2
Candidate Starts for Burr_31:
(Start: 2 @30718 has 390 MA's), (6, 30757), (8, 30808), (13, 30868), (20, 31051), (27, 31138), (31, 31174), (33, 31207), (34, 31243), (35, 31273), (37, 31354), (50, 31594), (52, 31621), (53, 31699), (57, 31816), (69, 32059),

Gene: CamL_32 Start: 31020, Stop: 32366, Start Num: 2
Candidate Starts for CamL_32:
(Start: 2 @31020 has 390 MA's), (6, 31059), (8, 31110), (13, 31170), (20, 31353), (27, 31440), (31, 31476), (33, 31509), (34, 31545), (35, 31575), (37, 31656), (50, 31896), (52, 31923), (53, 32001), (57, 32118), (69, 32361),

Gene: CampRoach_32 Start: 31010, Stop: 32356, Start Num: 2
Candidate Starts for CampRoach_32:
(Start: 2 @31010 has 390 MA's), (6, 31049), (8, 31100), (13, 31160), (20, 31343), (27, 31430), (31, 31466), (33, 31499), (34, 31535), (35, 31565), (37, 31646), (50, 31886), (52, 31913), (53, 31991), (57, 32108), (69, 32351),

Gene: Cannibal_32 Start: 31003, Stop: 32349, Start Num: 2
Candidate Starts for Cannibal_32:
(Start: 2 @31003 has 390 MA's), (6, 31042), (13, 31153), (16, 31192), (20, 31336), (27, 31423), (31, 31459), (33, 31492), (34, 31528), (35, 31558), (37, 31639), (50, 31879), (52, 31906), (53, 31984), (57, 32101), (69, 32344),

Gene: Carthage_30 Start: 29932, Stop: 31278, Start Num: 2
Candidate Starts for Carthage_30:

(Start: 2 @29932 has 390 MA's), (6, 29971), (8, 30022), (13, 30082), (20, 30265), (27, 30352), (31, 30388), (33, 30421), (34, 30457), (35, 30487), (37, 30568), (50, 30808), (52, 30835), (53, 30913), (57, 31030), (65, 31216), (69, 31273),

Gene: Casbah_31 Start: 30692, Stop: 32074, Start Num: 2
Candidate Starts for Casbah_31:
(Start: 2 @30692 has 390 MA's), (24, 31085), (29, 31145), (36, 31313), (43, 31514), (52, 31625), (70, 32066),

Gene: Caspiboi_31 Start: 30729, Stop: 32075, Start Num: 2
Candidate Starts for Caspiboi_31:
(Start: 2 @30729 has 390 MA's), (6, 30768), (13, 30879), (20, 31062), (27, 31149), (31, 31185), (33, 31218), (34, 31254), (35, 31284), (37, 31365), (50, 31605), (52, 31632), (53, 31710), (57, 31827), (69, 32070),

Gene: ChaChing_32 Start: 30855, Stop: 32237, Start Num: 2
Candidate Starts for ChaChing_32:
(Start: 2 @30855 has 390 MA's), (24, 31248), (29, 31308), (36, 31476), (43, 31677), (52, 31788),

Gene: Chaelin_32 Start: 30717, Stop: 32063, Start Num: 2
Candidate Starts for Chaelin_32:
(Start: 2 @30717 has 390 MA's), (6, 30756), (13, 30867), (16, 30906), (20, 31050), (27, 31137), (31, 31173), (33, 31206), (34, 31242), (35, 31272), (37, 31353), (50, 31593), (52, 31620), (53, 31698), (57, 31815), (65, 32001), (69, 32058),

Gene: Chah_33 Start: 31037, Stop: 32383, Start Num: 2
Candidate Starts for Chah_33:
(Start: 2 @31037 has 390 MA's), (6, 31076), (8, 31127), (13, 31187), (20, 31370), (27, 31457), (31, 31493), (33, 31526), (34, 31562), (35, 31592), (37, 31673), (50, 31913), (52, 31940), (53, 32018), (57, 32135), (69, 32378),

Gene: Chalmers_32 Start: 31647, Stop: 33029, Start Num: 2
Candidate Starts for Chalmers_32:
(Start: 2 @31647 has 390 MA's), (9, 31764), (24, 32040), (29, 32100), (36, 32268), (43, 32469), (52, 32580),

Gene: Chandler_32 Start: 31623, Stop: 33005, Start Num: 2
Candidate Starts for Chandler_32:
(Start: 2 @31623 has 390 MA's), (24, 32016), (29, 32076), (36, 32244), (43, 32445), (52, 32556),

Gene: Charles1_32 Start: 31005, Stop: 32351, Start Num: 2
Candidate Starts for Charles1_32:
(Start: 2 @31005 has 390 MA's), (6, 31044), (8, 31095), (13, 31155), (20, 31338), (27, 31425), (31, 31461), (33, 31494), (34, 31530), (35, 31560), (37, 31641), (50, 31881), (52, 31908), (53, 31986), (57, 32103), (69, 32346),

Gene: CharlieGBrown_31 Start: 30594, Stop: 31940, Start Num: 2
Candidate Starts for CharlieGBrown_31:
(Start: 2 @30594 has 390 MA's), (6, 30633), (8, 30684), (13, 30744), (20, 30927), (27, 31014), (31, 31050), (33, 31083), (34, 31119), (35, 31149), (37, 31230), (50, 31470), (52, 31497), (53, 31575), (57, 31692), (69, 31935),

Gene: CheetO_32 Start: 31019, Stop: 32365, Start Num: 2

Candidate Starts for CheetO_32:
(Start: 2 @31019 has 390 MA's), (6, 31058), (8, 31109), (13, 31169), (20, 31352), (27, 31439), (31, 31475), (33, 31508), (34, 31544), (35, 31574), (50, 31895), (52, 31922), (53, 32000), (57, 32117), (65, 32303), (69, 32360),

Gene: Chentzyk_31 Start: 30713, Stop: 32095, Start Num: 2
Candidate Starts for Chentzyk_31:
(Start: 2 @30713 has 390 MA's), (24, 31106), (29, 31166), (36, 31334), (43, 31535), (52, 31646),

Gene: Cher_31 Start: 30742, Stop: 32088, Start Num: 2
Candidate Starts for Cher_31:
(Start: 2 @30742 has 390 MA's), (6, 30781), (8, 30832), (13, 30892), (20, 31075), (27, 31162), (31, 31198), (33, 31231), (34, 31267), (35, 31297), (37, 31378), (50, 31618), (52, 31645), (53, 31723), (57, 31840), (69, 32083),

Gene: Childish_31 Start: 30745, Stop: 32091, Start Num: 2
Candidate Starts for Childish_31:
(Start: 2 @30745 has 390 MA's), (6, 30784), (13, 30895), (20, 31078), (27, 31165), (31, 31201), (33, 31234), (34, 31270), (35, 31300), (37, 31381), (50, 31621), (52, 31648), (53, 31726), (57, 31843), (69, 32086),

Gene: Chipette_33 Start: 31235, Stop: 32581, Start Num: 2
Candidate Starts for Chipette_33:
(Start: 2 @31235 has 390 MA's), (6, 31274), (8, 31325), (13, 31385), (20, 31568), (27, 31655), (31, 31691), (33, 31724), (34, 31760), (35, 31790), (37, 31871), (50, 32111), (52, 32138), (53, 32216), (57, 32333), (69, 32576),

Gene: Chorkpop_32 Start: 30741, Stop: 32087, Start Num: 2
Candidate Starts for Chorkpop_32:
(Start: 2 @30741 has 390 MA's), (6, 30780), (13, 30891), (16, 30930), (20, 31074), (27, 31161), (31, 31197), (33, 31230), (34, 31266), (35, 31296), (37, 31377), (50, 31617), (52, 31644), (53, 31722), (57, 31839), (69, 32082),

Gene: ChrisnMich_28 Start: 30230, Stop: 31570, Start Num: 2
Candidate Starts for ChrisnMich_28:
(1, 29879), (Start: 2 @30230 has 390 MA's), (7, 30299), (8, 30320), (11, 30353), (18, 30536), (19, 30545), (25, 30614), (38, 30863), (40, 30977), (47, 31082), (53, 31199), (56, 31259), (59, 31361), (65, 31505), (67, 31541),

Gene: Chuni_32 Start: 31035, Stop: 32381, Start Num: 2
Candidate Starts for Chuni_32:
(Start: 2 @31035 has 390 MA's), (6, 31074), (13, 31185), (20, 31368), (27, 31455), (31, 31491), (33, 31524), (34, 31560), (35, 31590), (50, 31911), (52, 31938), (53, 32016), (57, 32133), (65, 32319), (69, 32376),

Gene: Chunky_32 Start: 31028, Stop: 32374, Start Num: 2
Candidate Starts for Chunky_32:
(Start: 2 @31028 has 390 MA's), (6, 31067), (8, 31118), (13, 31178), (20, 31361), (27, 31448), (31, 31484), (33, 31517), (34, 31553), (35, 31583), (50, 31904), (52, 31931), (53, 32009), (57, 32126), (65, 32312), (69, 32369),

Gene: Chute_32 Start: 31066, Stop: 32412, Start Num: 2
Candidate Starts for Chute_32:

(Start: 2 @31066 has 390 MA's), (6, 31105), (13, 31216), (16, 31255), (20, 31399), (27, 31486), (31, 31522), (33, 31555), (34, 31591), (35, 31621), (37, 31702), (50, 31942), (52, 31969), (53, 32047), (57, 32164), (65, 32350), (69, 32407),

Gene: Cobra_32 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for Cobra_32:
(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (16, 31214), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (50, 31901), (52, 31928), (53, 32006), (57, 32123), (65, 32309), (69, 32366),

Gene: Colbert_32 Start: 31081, Stop: 32427, Start Num: 2
Candidate Starts for Colbert_32:
(Start: 2 @31081 has 390 MA's), (6, 31120), (8, 31171), (13, 31231), (20, 31414), (27, 31501), (31, 31537), (33, 31570), (34, 31606), (35, 31636), (37, 31717), (50, 31957), (52, 31984), (53, 32062), (57, 32179), (65, 32365), (69, 32422),

Gene: Coletti_32 Start: 31066, Stop: 32412, Start Num: 2
Candidate Starts for Coletti_32:
(Start: 2 @31066 has 390 MA's), (6, 31105), (13, 31216), (16, 31255), (20, 31399), (27, 31486), (31, 31522), (33, 31555), (34, 31591), (35, 31621), (37, 31702), (50, 31942), (52, 31969), (53, 32047), (57, 32164), (65, 32350), (69, 32407),

Gene: Compostia_33 Start: 31270, Stop: 32652, Start Num: 2
Candidate Starts for Compostia_33:
(Start: 2 @31270 has 390 MA's), (9, 31387), (24, 31663), (29, 31723), (36, 31891), (43, 32092), (52, 32203),

Gene: Cooper_29 Start: 30443, Stop: 31786, Start Num: 2
Candidate Starts for Cooper_29:
(Start: 2 @30443 has 390 MA's), (7, 30512), (8, 30533), (13, 30593), (17, 30728), (28, 30860), (41, 31211), (45, 31247), (47, 31298), (56, 31475), (59, 31577), (61, 31604), (62, 31616), (67, 31757), (68, 31763),

Gene: Cornbread_31 Start: 30741, Stop: 32087, Start Num: 2
Candidate Starts for Cornbread_31:
(Start: 2 @30741 has 390 MA's), (6, 30780), (8, 30831), (13, 30891), (20, 31074), (27, 31161), (31, 31197), (33, 31230), (34, 31266), (35, 31296), (37, 31377), (50, 31617), (52, 31644), (53, 31722), (57, 31839), (65, 32025), (69, 32082),

Gene: Cornobble_31 Start: 30580, Stop: 31926, Start Num: 2
Candidate Starts for Cornobble_31:
(Start: 2 @30580 has 390 MA's), (6, 30619), (8, 30670), (13, 30730), (20, 30913), (27, 31000), (31, 31036), (33, 31069), (34, 31105), (35, 31135), (37, 31216), (50, 31456), (52, 31483), (53, 31561), (57, 31678), (65, 31864), (69, 31921),

Gene: Corofin_32 Start: 30865, Stop: 32247, Start Num: 2
Candidate Starts for Corofin_32:
(Start: 2 @30865 has 390 MA's), (24, 31258), (29, 31318), (36, 31486), (43, 31687), (52, 31798),

Gene: Cosmolli16_31 Start: 30739, Stop: 32085, Start Num: 2
Candidate Starts for Cosmolli16_31:
(Start: 2 @30739 has 390 MA's), (6, 30778), (8, 30829), (13, 30889), (20, 31072), (27, 31159), (31, 31195), (33, 31228), (34, 31264), (35, 31294), (37, 31375), (50, 31615), (52, 31642), (53, 31720), (57,

31837), (69, 32080),

Gene: Craff_32 Start: 31023, Stop: 32369, Start Num: 2
Candidate Starts for Craff_32:
(Start: 2 @31023 has 390 MA's), (6, 31062), (8, 31113), (13, 31173), (20, 31356), (27, 31443), (31, 31479), (33, 31512), (34, 31548), (35, 31578), (37, 31659), (50, 31899), (52, 31926), (53, 32004), (57, 32121), (69, 32364),

Gene: Crownjwl_32 Start: 30795, Stop: 32141, Start Num: 2
Candidate Starts for Crownjwl_32:
(Start: 2 @30795 has 390 MA's), (6, 30834), (8, 30885), (13, 30945), (20, 31128), (27, 31215), (31, 31251), (33, 31284), (34, 31320), (35, 31350), (37, 31431), (50, 31671), (52, 31698), (53, 31776), (57, 31893), (65, 32079), (69, 32136),

Gene: DaddyDaniels_32 Start: 30714, Stop: 32060, Start Num: 2
Candidate Starts for DaddyDaniels_32:
(Start: 2 @30714 has 390 MA's), (6, 30753), (13, 30864), (20, 31047), (27, 31134), (31, 31170), (33, 31203), (34, 31239), (35, 31269), (37, 31350), (50, 31590), (52, 31617), (53, 31695), (57, 31812), (69, 32055),

Gene: Daffy_32 Start: 30745, Stop: 32091, Start Num: 2
Candidate Starts for Daffy_32:
(Start: 2 @30745 has 390 MA's), (6, 30784), (13, 30895), (16, 30934), (20, 31078), (27, 31165), (31, 31201), (33, 31234), (34, 31270), (35, 31300), (50, 31621), (52, 31648), (53, 31726), (57, 31843), (69, 32086),

Gene: Daisy_32 Start: 30867, Stop: 32249, Start Num: 2
Candidate Starts for Daisy_32:
(Start: 2 @30867 has 390 MA's), (24, 31260), (29, 31320), (36, 31488), (43, 31689), (52, 31800),

Gene: Daka_32 Start: 31019, Stop: 32365, Start Num: 2
Candidate Starts for Daka_32:
(Start: 2 @31019 has 390 MA's), (6, 31058), (8, 31109), (13, 31169), (20, 31352), (27, 31439), (31, 31475), (33, 31508), (34, 31544), (35, 31574), (37, 31655), (50, 31895), (52, 31922), (53, 32000), (57, 32117), (65, 32303), (69, 32360),

Gene: Dati_32 Start: 30739, Stop: 32085, Start Num: 2
Candidate Starts for Dati_32:
(Start: 2 @30739 has 390 MA's), (6, 30778), (8, 30829), (13, 30889), (20, 31072), (27, 31159), (31, 31195), (33, 31228), (34, 31264), (35, 31294), (37, 31375), (50, 31615), (52, 31642), (53, 31720), (57, 31837), (69, 32080),

Gene: Deenasa_32 Start: 31606, Stop: 32988, Start Num: 2
Candidate Starts for Deenasa_32:
(Start: 2 @31606 has 390 MA's), (24, 31999), (29, 32059), (36, 32227), (43, 32428), (52, 32539),

Gene: DelRivs_31 Start: 30740, Stop: 32086, Start Num: 2
Candidate Starts for DelRivs_31:
(Start: 2 @30740 has 390 MA's), (6, 30779), (8, 30830), (13, 30890), (20, 31073), (27, 31160), (31, 31196), (33, 31229), (34, 31265), (35, 31295), (37, 31376), (50, 31616), (52, 31643), (53, 31721), (57, 31838), (69, 32081),

Gene: Derpp_31 Start: 30584, Stop: 31930, Start Num: 2

Candidate Starts for Derpp_31:
(Start: 2 @30584 has 390 MA's), (6, 30623), (13, 30734), (20, 30917), (27, 31004), (31, 31040), (33, 31073), (34, 31109), (35, 31139), (50, 31460), (52, 31487), (53, 31565), (57, 31682), (69, 31925),

Gene: Devonte_32 Start: 30831, Stop: 32213, Start Num: 2
Candidate Starts for Devonte_32:
(Start: 2 @30831 has 390 MA's), (24, 31224), (29, 31284), (36, 31452), (43, 31653), (52, 31764),

Gene: Dice_31 Start: 30719, Stop: 32065, Start Num: 2
Candidate Starts for Dice_31:
(Start: 2 @30719 has 390 MA's), (6, 30758), (13, 30869), (20, 31052), (27, 31139), (31, 31175), (33, 31208), (34, 31244), (35, 31274), (37, 31355), (50, 31595), (52, 31622), (53, 31700), (57, 31817), (69, 32060),

Gene: DigitDog_31 Start: 30836, Stop: 32179, Start Num: 2
Candidate Starts for DigitDog_31:
(Start: 2 @30836 has 390 MA's), (4, 30848), (7, 30923), (8, 30944), (15, 31031), (19, 31169), (21, 31187), (22, 31202), (42, 31622), (45, 31643), (58, 31940),

Gene: Dingo_32 Start: 31002, Stop: 32348, Start Num: 2
Candidate Starts for Dingo_32:
(Start: 2 @31002 has 390 MA's), (6, 31041), (8, 31092), (13, 31152), (20, 31335), (27, 31422), (31, 31458), (33, 31491), (34, 31527), (35, 31557), (37, 31638), (50, 31878), (52, 31905), (53, 31983), (57, 32100), (65, 32286), (69, 32343),

Gene: Dione_31 Start: 30724, Stop: 32070, Start Num: 2
Candidate Starts for Dione_31:
(Start: 2 @30724 has 390 MA's), (6, 30763), (8, 30814), (13, 30874), (20, 31057), (27, 31144), (31, 31180), (33, 31213), (34, 31249), (35, 31279), (37, 31360), (50, 31600), (52, 31627), (53, 31705), (57, 31822), (69, 32065),

Gene: DirtJuice_32 Start: 31008, Stop: 32354, Start Num: 2
Candidate Starts for DirtJuice_32:
(Start: 2 @31008 has 390 MA's), (6, 31047), (8, 31098), (13, 31158), (20, 31341), (27, 31428), (31, 31464), (33, 31497), (34, 31533), (35, 31563), (37, 31644), (50, 31884), (52, 31911), (53, 31989), (57, 32106), (65, 32292), (69, 32349),

Gene: Doddsville_32 Start: 30738, Stop: 32084, Start Num: 2
Candidate Starts for Doddsville_32:
(Start: 2 @30738 has 390 MA's), (6, 30777), (8, 30828), (13, 30888), (20, 31071), (27, 31158), (31, 31194), (33, 31227), (34, 31263), (35, 31293), (37, 31374), (50, 31614), (52, 31641), (53, 31719), (57, 31836), (69, 32079),

Gene: DoesntMatter_32 Start: 31004, Stop: 32356, Start Num: 2
Candidate Starts for DoesntMatter_32:
(Start: 2 @31004 has 390 MA's), (6, 31043), (8, 31094), (13, 31154), (20, 31337), (27, 31424), (31, 31460), (33, 31493), (34, 31529), (35, 31559), (37, 31640), (50, 31886), (52, 31913), (53, 31991), (57, 32108), (69, 32351),

Gene: DolOn_33 Start: 31248, Stop: 32594, Start Num: 2
Candidate Starts for DolOn_33:
(Start: 2 @31248 has 390 MA's), (6, 31287), (8, 31338), (13, 31398), (20, 31581), (27, 31668), (31, 31704), (33, 31737), (34, 31773), (35, 31803), (37, 31884), (50, 32124), (52, 32151), (53, 32229), (57,

32346), (69, 32589),

Gene: DonSanchon_31 Start: 30718, Stop: 32064, Start Num: 2
Candidate Starts for DonSanchon_31:
(Start: 2 @30718 has 390 MA's), (6, 30757), (13, 30868), (16, 30907), (20, 31051), (27, 31138), (31, 31174), (33, 31207), (34, 31243), (35, 31273), (37, 31354), (50, 31594), (52, 31621), (53, 31699), (57, 31816), (69, 32059),

Gene: Donny_31 Start: 31263, Stop: 32591, Start Num: 2
Candidate Starts for Donny_31:
(Start: 2 @31263 has 390 MA's), (7, 31335), (19, 31581), (30, 31689), (42, 32034), (45, 32055), (58, 32352),

Gene: DuchessDung_30 Start: 29875, Stop: 31221, Start Num: 2
Candidate Starts for DuchessDung_30:
(Start: 2 @29875 has 390 MA's), (6, 29914), (8, 29965), (13, 30025), (20, 30208), (27, 30295), (31, 30331), (33, 30364), (34, 30400), (35, 30430), (37, 30511), (50, 30751), (52, 30778), (53, 30856), (57, 30973), (69, 31216),

Gene: Duggie_31 Start: 30740, Stop: 32086, Start Num: 2
Candidate Starts for Duggie_31:
(Start: 2 @30740 has 390 MA's), (6, 30779), (13, 30890), (20, 31073), (27, 31160), (31, 31196), (33, 31229), (34, 31265), (35, 31295), (37, 31376), (50, 31616), (52, 31643), (53, 31721), (57, 31838), (69, 32081),

Gene: Durga_32 Start: 31037, Stop: 32383, Start Num: 2
Candidate Starts for Durga_32:
(Start: 2 @31037 has 390 MA's), (6, 31076), (13, 31187), (20, 31370), (27, 31457), (31, 31493), (33, 31526), (34, 31562), (35, 31592), (50, 31913), (52, 31940), (53, 32018), (57, 32135), (69, 32378),

Gene: EastView9101_30 Start: 30913, Stop: 32241, Start Num: 2
Candidate Starts for EastView9101_30:
(Start: 2 @30913 has 390 MA's), (7, 30985), (19, 31231), (30, 31339), (42, 31684), (45, 31705), (58, 32002),

Gene: ElvisPhasley_32 Start: 31059, Stop: 32405, Start Num: 2
Candidate Starts for ElvisPhasley_32:
(Start: 2 @31059 has 390 MA's), (6, 31098), (13, 31209), (20, 31392), (27, 31479), (31, 31515), (33, 31548), (34, 31584), (35, 31614), (50, 31935), (52, 31962), (53, 32040), (57, 32157), (65, 32343), (69, 32400),

Gene: EmGer13_31 Start: 30579, Stop: 31925, Start Num: 2
Candidate Starts for EmGer13_31:
(Start: 2 @30579 has 390 MA's), (6, 30618), (8, 30669), (13, 30729), (20, 30912), (27, 30999), (31, 31035), (33, 31068), (34, 31104), (35, 31134), (37, 31215), (50, 31455), (52, 31482), (53, 31560), (57, 31677), (65, 31863), (69, 31920),

Gene: Emiris_32 Start: 31008, Stop: 32354, Start Num: 2
Candidate Starts for Emiris_32:
(Start: 2 @31008 has 390 MA's), (6, 31047), (13, 31158), (20, 31341), (27, 31428), (31, 31464), (33, 31497), (34, 31533), (35, 31563), (50, 31884), (52, 31911), (53, 31989), (57, 32106), (69, 32349),

Gene: EmpTee_32 Start: 31018, Stop: 32364, Start Num: 2

Candidate Starts for EmpTee_32:
(Start: 2 @31018 has 390 MA's), (6, 31057), (8, 31108), (13, 31168), (20, 31351), (27, 31438), (31, 31474), (33, 31507), (34, 31543), (35, 31573), (37, 31654), (50, 31894), (52, 31921), (53, 31999), (57, 32116), (69, 32359),

Gene: Epah_28 Start: 30238, Stop: 31578, Start Num: 2
Candidate Starts for Epah_28:
(1, 29887), (Start: 2 @30238 has 390 MA's), (7, 30307), (8, 30328), (11, 30361), (18, 30544), (19, 30553), (25, 30622), (38, 30871), (47, 31090), (53, 31207), (56, 31267), (59, 31369), (67, 31549), (68, 31555),

Gene: Eremos_32 Start: 31017, Stop: 32363, Start Num: 2
Candidate Starts for Eremos_32:
(Start: 2 @31017 has 390 MA's), (6, 31056), (8, 31107), (13, 31167), (20, 31350), (27, 31437), (31, 31473), (33, 31506), (34, 31542), (35, 31572), (37, 31653), (50, 31893), (52, 31920), (53, 31998), (57, 32115), (65, 32301), (69, 32358),

Gene: Etaye_32 Start: 31007, Stop: 32353, Start Num: 2
Candidate Starts for Etaye_32:
(Start: 2 @31007 has 390 MA's), (6, 31046), (13, 31157), (20, 31340), (27, 31427), (31, 31463), (33, 31496), (34, 31532), (35, 31562), (37, 31643), (50, 31883), (52, 31910), (53, 31988), (57, 32105), (69, 32348),

Gene: Eugenia_32 Start: 31027, Stop: 32373, Start Num: 2
Candidate Starts for Eugenia_32:
(Start: 2 @31027 has 390 MA's), (6, 31066), (13, 31177), (20, 31360), (27, 31447), (31, 31483), (33, 31516), (34, 31552), (35, 31582), (37, 31663), (50, 31903), (52, 31930), (53, 32008), (57, 32125), (69, 32368),

Gene: Fanaw_28 Start: 30933, Stop: 32273, Start Num: 2
Candidate Starts for Fanaw_28:
(Start: 2 @30933 has 390 MA's), (8, 31023), (11, 31056), (18, 31239), (19, 31248), (38, 31569), (45, 31737), (47, 31788), (56, 31965), (65, 32211), (67, 32247), (68, 32253), (69, 32268),

Gene: Fang_32 Start: 31031, Stop: 32377, Start Num: 2
Candidate Starts for Fang_32:
(Start: 2 @31031 has 390 MA's), (6, 31070), (13, 31181), (20, 31364), (27, 31451), (31, 31487), (33, 31520), (34, 31556), (35, 31586), (37, 31667), (50, 31907), (52, 31934), (53, 32012), (57, 32129), (69, 32372),

Gene: Flake_32 Start: 31073, Stop: 32419, Start Num: 2
Candidate Starts for Flake_32:
(Start: 2 @31073 has 390 MA's), (6, 31112), (13, 31223), (16, 31262), (20, 31406), (27, 31493), (31, 31529), (33, 31562), (34, 31598), (35, 31628), (37, 31709), (50, 31949), (52, 31976), (53, 32054), (57, 32171), (65, 32357), (69, 32414),

Gene: FleetyMac_32 Start: 31026, Stop: 32372, Start Num: 2
Candidate Starts for FleetyMac_32:
(Start: 2 @31026 has 390 MA's), (6, 31065), (13, 31176), (20, 31359), (27, 31446), (31, 31482), (33, 31515), (34, 31551), (35, 31581), (50, 31902), (52, 31929), (53, 32007), (57, 32124), (65, 32310), (69, 32367),

Gene: FluffyNinja_32 Start: 31024, Stop: 32370, Start Num: 2

Candidate Starts for FluffyNinja_32:
(Start: 2 @31024 has 390 MA's), (6, 31063), (8, 31114), (13, 31174), (20, 31357), (27, 31444), (31, 31480), (33, 31513), (34, 31549), (35, 31579), (37, 31660), (50, 31900), (52, 31927), (53, 32005), (57, 32122), (64, 32302), (65, 32308), (69, 32365),

Gene: Fortunato_29 Start: 31261, Stop: 32601, Start Num: 2
Candidate Starts for Fortunato_29:
(Start: 2 @31261 has 390 MA's), (8, 31351), (17, 31546), (18, 31567), (19, 31576), (38, 31897), (45, 32065), (47, 32116), (56, 32293), (65, 32539), (67, 32575), (68, 32581), (69, 32596),

Gene: Fozzie_31 Start: 31039, Stop: 32385, Start Num: 2
Candidate Starts for Fozzie_31:
(Start: 2 @31039 has 390 MA's), (6, 31078), (13, 31189), (16, 31228), (20, 31372), (27, 31459), (31, 31495), (33, 31528), (34, 31564), (35, 31594), (50, 31915), (52, 31942), (53, 32020), (57, 32137), (65, 32323), (69, 32380),

Gene: Frankicide_32 Start: 31036, Stop: 32382, Start Num: 2
Candidate Starts for Frankicide_32:
(Start: 2 @31036 has 390 MA's), (6, 31075), (8, 31126), (13, 31186), (20, 31369), (27, 31456), (31, 31492), (33, 31525), (34, 31561), (35, 31591), (37, 31672), (50, 31912), (52, 31939), (53, 32017), (57, 32134), (65, 32320), (69, 32377),

Gene: Frederick_29 Start: 31270, Stop: 32607, Start Num: 2
Candidate Starts for Frederick_29:
(1, 30919), (Start: 2 @31270 has 390 MA's), (7, 31339), (8, 31360), (11, 31393), (17, 31555), (18, 31576), (19, 31585), (25, 31654), (38, 31903), (47, 32122), (56, 32299), (65, 32545), (67, 32581), (68, 32587), (69, 32602),

Gene: FremontTroll_31 Start: 30721, Stop: 32124, Start Num: 2
Candidate Starts for FremontTroll_31:
(Start: 2 @30721 has 390 MA's), (6, 30760), (8, 30811), (13, 30871), (20, 31054), (27, 31141), (31, 31177), (33, 31210), (34, 31246), (35, 31276), (37, 31357), (50, 31654), (52, 31681), (53, 31759), (57, 31876), (69, 32119),

Gene: Freya_31 Start: 30715, Stop: 32061, Start Num: 2
Candidate Starts for Freya_31:
(Start: 2 @30715 has 390 MA's), (6, 30754), (8, 30805), (13, 30865), (20, 31048), (27, 31135), (31, 31171), (33, 31204), (34, 31240), (35, 31270), (37, 31351), (50, 31591), (52, 31618), (53, 31696), (57, 31813), (69, 32056),

Gene: FriarPreacher_32 Start: 31042, Stop: 32388, Start Num: 2
Candidate Starts for FriarPreacher_32:
(Start: 2 @31042 has 390 MA's), (6, 31081), (8, 31132), (13, 31192), (20, 31375), (27, 31462), (31, 31498), (33, 31531), (34, 31567), (35, 31597), (37, 31678), (50, 31918), (52, 31945), (53, 32023), (57, 32140), (69, 32383),

Gene: Fringe_32 Start: 31006, Stop: 32352, Start Num: 2
Candidate Starts for Fringe_32:
(Start: 2 @31006 has 390 MA's), (6, 31045), (8, 31096), (13, 31156), (20, 31339), (27, 31426), (31, 31462), (33, 31495), (34, 31531), (35, 31561), (37, 31642), (50, 31882), (52, 31909), (53, 31987), (57, 32104), (69, 32347),

Gene: FugateOSU_31 Start: 30720, Stop: 32066, Start Num: 2

Candidate Starts for FugateOSU_31:
(Start: 2 @30720 has 390 MA's), (6, 30759), (8, 30810), (13, 30870), (20, 31053), (27, 31140), (31, 31176), (33, 31209), (34, 31245), (35, 31275), (37, 31356), (50, 31596), (52, 31623), (53, 31701), (57, 31818), (69, 32061),

Gene: Gadjet_33 Start: 30850, Stop: 32232, Start Num: 2
Candidate Starts for Gadjet_33:
(Start: 2 @30850 has 390 MA's), (9, 30967), (24, 31243), (29, 31303), (36, 31471), (43, 31672), (52, 31783),

Gene: Gareth_31 Start: 30722, Stop: 32068, Start Num: 2
Candidate Starts for Gareth_31:
(Start: 2 @30722 has 390 MA's), (6, 30761), (8, 30812), (13, 30872), (20, 31055), (27, 31142), (31, 31178), (33, 31211), (34, 31247), (35, 31277), (37, 31358), (50, 31598), (52, 31625), (53, 31703), (57, 31820), (69, 32063),

Gene: GeneCoco_32 Start: 31032, Stop: 32378, Start Num: 2
Candidate Starts for GeneCoco_32:
(Start: 2 @31032 has 390 MA's), (6, 31071), (13, 31182), (20, 31365), (27, 31452), (31, 31488), (33, 31521), (34, 31557), (35, 31587), (50, 31908), (52, 31935), (53, 32013), (57, 32130), (69, 32373),

Gene: Gervas_32 Start: 30821, Stop: 32203, Start Num: 2
Candidate Starts for Gervas_32:
(Start: 2 @30821 has 390 MA's), (9, 30938), (24, 31214), (29, 31274), (36, 31442), (43, 31643), (52, 31754),

Gene: GinPorsche_28 Start: 30238, Stop: 31578, Start Num: 2
Candidate Starts for GinPorsche_28:
(1, 29887), (Start: 2 @30238 has 390 MA's), (7, 30307), (8, 30328), (11, 30361), (18, 30544), (19, 30553), (25, 30622), (38, 30871), (47, 31090), (53, 31207), (56, 31267), (59, 31369), (67, 31549), (68, 31555),

Gene: Giraffe_32 Start: 30726, Stop: 32072, Start Num: 2
Candidate Starts for Giraffe_32:
(Start: 2 @30726 has 390 MA's), (6, 30765), (8, 30816), (13, 30876), (20, 31059), (27, 31146), (31, 31182), (33, 31215), (34, 31251), (35, 31281), (37, 31362), (50, 31602), (52, 31629), (53, 31707), (57, 31824), (69, 32067),

Gene: GlenHope_33 Start: 30833, Stop: 32215, Start Num: 2
Candidate Starts for GlenHope_33:
(Start: 2 @30833 has 390 MA's), (9, 30950), (24, 31226), (29, 31286), (36, 31454), (43, 31655), (52, 31766),

Gene: Glubnar_33 Start: 30833, Stop: 32215, Start Num: 2
Candidate Starts for Glubnar_33:
(Start: 2 @30833 has 390 MA's), (24, 31226), (29, 31286), (36, 31454), (43, 31655), (46, 31703), (52, 31766), (70, 32207),

Gene: Gophee_32 Start: 31008, Stop: 32354, Start Num: 2
Candidate Starts for Gophee_32:
(Start: 2 @31008 has 390 MA's), (6, 31047), (8, 31098), (13, 31158), (20, 31341), (27, 31428), (31, 31464), (33, 31497), (34, 31533), (35, 31563), (37, 31644), (50, 31884), (52, 31911), (53, 31989), (57, 32106), (69, 32349),

Gene: Grand2040_31 Start: 30741, Stop: 32087, Start Num: 2
Candidate Starts for Grand2040_31:
(Start: 2 @30741 has 390 MA's), (6, 30780), (13, 30891), (20, 31074), (27, 31161), (31, 31197), (33, 31230), (34, 31266), (35, 31296), (37, 31377), (50, 31617), (52, 31644), (53, 31722), (57, 31839), (69, 32082),

Gene: GreenChile_32 Start: 31017, Stop: 32363, Start Num: 2
Candidate Starts for GreenChile_32:
(Start: 2 @31017 has 390 MA's), (6, 31056), (8, 31107), (13, 31167), (20, 31350), (27, 31437), (31, 31473), (33, 31506), (34, 31542), (35, 31572), (37, 31653), (50, 31893), (52, 31920), (53, 31998), (57, 32115), (65, 32301), (69, 32358),

Gene: Gwennie1_32 Start: 31090, Stop: 32436, Start Num: 2
Candidate Starts for Gwennie1_32:
(Start: 2 @31090 has 390 MA's), (6, 31129), (13, 31240), (16, 31279), (20, 31423), (27, 31510), (31, 31546), (33, 31579), (34, 31615), (35, 31645), (50, 31966), (52, 31993), (53, 32071), (57, 32188), (69, 32431),

Gene: Gwilliam_32 Start: 31020, Stop: 32366, Start Num: 2
Candidate Starts for Gwilliam_32:
(Start: 2 @31020 has 390 MA's), (6, 31059), (8, 31110), (13, 31170), (20, 31353), (27, 31440), (31, 31476), (33, 31509), (34, 31545), (35, 31575), (50, 31896), (52, 31923), (53, 32001), (57, 32118), (65, 32304), (69, 32361),

Gene: Gyarad_0032 Start: 31022, Stop: 32368, Start Num: 2
Candidate Starts for Gyarad_0032:
(Start: 2 @31022 has 390 MA's), (6, 31061), (8, 31112), (13, 31172), (20, 31355), (27, 31442), (31, 31478), (33, 31511), (34, 31547), (35, 31577), (50, 31898), (52, 31925), (53, 32003), (57, 32120), (65, 32306), (69, 32363),

Gene: HSavage_32 Start: 31027, Stop: 32373, Start Num: 2
Candidate Starts for HSavage_32:
(Start: 2 @31027 has 390 MA's), (6, 31066), (8, 31117), (13, 31177), (20, 31360), (27, 31447), (31, 31483), (33, 31516), (34, 31552), (35, 31582), (37, 31663), (50, 31903), (52, 31930), (53, 32008), (57, 32125), (65, 32311), (69, 32368),

Gene: Haimas_32 Start: 31018, Stop: 32364, Start Num: 2
Candidate Starts for Haimas_32:
(Start: 2 @31018 has 390 MA's), (6, 31057), (8, 31108), (13, 31168), (20, 31351), (27, 31438), (31, 31474), (33, 31507), (34, 31543), (35, 31573), (37, 31654), (50, 31894), (52, 31921), (53, 31999), (57, 32116), (69, 32359),

Gene: Haleema_31 Start: 30741, Stop: 32087, Start Num: 2
Candidate Starts for Haleema_31:
(Start: 2 @30741 has 390 MA's), (6, 30780), (8, 30831), (13, 30891), (20, 31074), (27, 31161), (31, 31197), (33, 31230), (34, 31266), (35, 31296), (37, 31377), (50, 31617), (52, 31644), (53, 31722), (57, 31839), (69, 32082),

Gene: Halfpint_31 Start: 30656, Stop: 32041, Start Num: 2
Candidate Starts for Halfpint_31:
(Start: 2 @30656 has 390 MA's), (9, 30773), (24, 31049), (29, 31109), (36, 31280), (43, 31481), (52, 31592),

Gene: Hally898_28 Start: 30250, Stop: 31590, Start Num: 2
Candidate Starts for Hally898_28:
(1, 29899), (Start: 2 @30250 has 390 MA's), (7, 30319), (8, 30340), (11, 30373), (18, 30556), (19, 30565), (25, 30634), (38, 30883), (47, 31102), (53, 31219), (56, 31279), (59, 31381), (67, 31561), (68, 31567),

Gene: Hamish_32 Start: 31010, Stop: 32356, Start Num: 2
Candidate Starts for Hamish_32:
(Start: 2 @31010 has 390 MA's), (6, 31049), (8, 31100), (13, 31160), (20, 31343), (27, 31430), (31, 31466), (33, 31499), (34, 31535), (35, 31565), (37, 31646), (50, 31886), (52, 31913), (53, 31991), (57, 32108), (69, 32351),

Gene: Hangman_29 Start: 31262, Stop: 32599, Start Num: 2
Candidate Starts for Hangman_29:
(Start: 2 @31262 has 390 MA's), (8, 31352), (18, 31568), (19, 31577), (25, 31646), (38, 31895), (47, 32114), (65, 32537), (66, 32555), (67, 32573), (68, 32579), (69, 32594),

Gene: Happabalu_32 Start: 30739, Stop: 32085, Start Num: 2
Candidate Starts for Happabalu_32:
(Start: 2 @30739 has 390 MA's), (6, 30778), (13, 30889), (16, 30928), (20, 31072), (27, 31159), (31, 31195), (33, 31228), (34, 31264), (35, 31294), (50, 31615), (52, 31642), (53, 31720), (57, 31837), (69, 32080),

Gene: Hartsy_32 Start: 31061, Stop: 32407, Start Num: 2
Candidate Starts for Hartsy_32:
(Start: 2 @31061 has 390 MA's), (6, 31100), (8, 31151), (13, 31211), (20, 31394), (27, 31481), (31, 31517), (33, 31550), (34, 31586), (35, 31616), (37, 31697), (50, 31937), (52, 31964), (53, 32042), (57, 32159), (69, 32402),

Gene: Harvey_32 Start: 31036, Stop: 32382, Start Num: 2
Candidate Starts for Harvey_32:
(Start: 2 @31036 has 390 MA's), (6, 31075), (8, 31126), (13, 31186), (20, 31369), (27, 31456), (31, 31492), (33, 31525), (34, 31561), (35, 31591), (37, 31672), (50, 31912), (52, 31939), (53, 32017), (57, 32134), (69, 32377),

Gene: HarveySr_32 Start: 30823, Stop: 32205, Start Num: 2
Candidate Starts for HarveySr_32:
(Start: 2 @30823 has 390 MA's), (9, 30940), (24, 31216), (29, 31276), (36, 31444), (43, 31645), (52, 31756),

Gene: Heath_28 Start: 30863, Stop: 32203, Start Num: 2
Candidate Starts for Heath_28:
(Start: 2 @30863 has 390 MA's), (8, 30953), (17, 31148), (18, 31169), (19, 31178), (38, 31499), (45, 31667), (47, 31718), (56, 31895), (65, 32141), (67, 32177), (68, 32183), (69, 32198),

Gene: Heathcliff_32 Start: 30805, Stop: 32187, Start Num: 2
Candidate Starts for Heathcliff_32:
(Start: 2 @30805 has 390 MA's), (24, 31198), (29, 31258), (36, 31426), (43, 31627), (52, 31738),

Gene: Hekos_29 Start: 29590, Stop: 30936, Start Num: 2
Candidate Starts for Hekos_29:

(Start: 2 @29590 has 390 MA's), (6, 29629), (13, 29740), (20, 29923), (27, 30010), (31, 30046), (33, 30079), (34, 30115), (35, 30145), (37, 30226), (50, 30466), (52, 30493), (53, 30571), (57, 30688), (65, 30874), (69, 30931),

Gene: Held_32 Start: 30725, Stop: 32071, Start Num: 2
Candidate Starts for Held_32:
(Start: 2 @30725 has 390 MA's), (6, 30764), (13, 30875), (20, 31058), (27, 31145), (31, 31181), (33, 31214), (34, 31250), (35, 31280), (37, 31361), (50, 31601), (52, 31628), (53, 31706), (57, 31823), (69, 32066),

Gene: HenryJackson_31 Start: 30741, Stop: 32087, Start Num: 2
Candidate Starts for HenryJackson_31:
(Start: 2 @30741 has 390 MA's), (6, 30780), (8, 30831), (13, 30891), (20, 31074), (27, 31161), (31, 31197), (33, 31230), (34, 31266), (35, 31296), (37, 31377), (50, 31617), (52, 31644), (53, 31722), (57, 31839), (69, 32082),

Gene: Hertubise_32 Start: 31032, Stop: 32378, Start Num: 2
Candidate Starts for Hertubise_32:
(Start: 2 @31032 has 390 MA's), (6, 31071), (8, 31122), (13, 31182), (20, 31365), (27, 31452), (31, 31488), (33, 31521), (34, 31557), (35, 31587), (37, 31668), (50, 31908), (52, 31935), (53, 32013), (57, 32130), (69, 32373),

Gene: Hetaeria_32 Start: 31034, Stop: 32380, Start Num: 2
Candidate Starts for Hetaeria_32:
(Start: 2 @31034 has 390 MA's), (6, 31073), (8, 31124), (13, 31184), (20, 31367), (27, 31454), (31, 31490), (33, 31523), (34, 31559), (35, 31589), (37, 31670), (50, 31910), (52, 31937), (53, 32015), (57, 32132), (65, 32318), (69, 32375),

Gene: HighStump_31 Start: 30724, Stop: 32070, Start Num: 2
Candidate Starts for HighStump_31:
(Start: 2 @30724 has 390 MA's), (6, 30763), (8, 30814), (13, 30874), (20, 31057), (27, 31144), (31, 31180), (33, 31213), (34, 31249), (35, 31279), (37, 31360), (50, 31600), (52, 31627), (53, 31705), (57, 31822), (69, 32065),

Gene: Hocus_31 Start: 30733, Stop: 32079, Start Num: 2
Candidate Starts for Hocus_31:
(Start: 2 @30733 has 390 MA's), (6, 30772), (8, 30823), (13, 30883), (20, 31066), (27, 31153), (31, 31189), (33, 31222), (34, 31258), (35, 31288), (37, 31369), (50, 31609), (52, 31636), (53, 31714), (57, 31831), (69, 32074),

Gene: HogWash_31 Start: 31030, Stop: 32376, Start Num: 2
Candidate Starts for HogWash_31:
(Start: 2 @31030 has 390 MA's), (6, 31069), (8, 31120), (13, 31180), (20, 31363), (27, 31450), (31, 31486), (33, 31519), (34, 31555), (35, 31585), (37, 31666), (50, 31906), (52, 31933), (53, 32011), (57, 32128), (69, 32371),

Gene: Horchata_32 Start: 31012, Stop: 32358, Start Num: 2
Candidate Starts for Horchata_32:
(Start: 2 @31012 has 390 MA's), (6, 31051), (8, 31102), (13, 31162), (20, 31345), (27, 31432), (31, 31468), (33, 31501), (34, 31537), (35, 31567), (37, 31648), (50, 31888), (52, 31915), (53, 31993), (57, 32110), (65, 32296), (69, 32353),

Gene: Hydro_29 Start: 31279, Stop: 32616, Start Num: 2

Candidate Starts for Hydro_29:
(1, 30928), (Start: 2 @31279 has 390 MA's), (8, 31369), (11, 31402), (17, 31564), (18, 31585), (19, 31594), (25, 31663), (47, 32131), (56, 32308), (65, 32554), (67, 32590), (68, 32596), (69, 32611),

Gene: ImtiyazSitla_31 Start: 30574, Stop: 31920, Start Num: 2
Candidate Starts for ImtiyazSitla_31:
(Start: 2 @30574 has 390 MA's), (6, 30613), (13, 30724), (20, 30907), (27, 30994), (31, 31030), (33, 31063), (34, 31099), (35, 31129), (50, 31450), (52, 31477), (53, 31555), (57, 31672), (65, 31858), (69, 31915),

Gene: Inchworm_32 Start: 31010, Stop: 32356, Start Num: 2
Candidate Starts for Inchworm_32:
(Start: 2 @31010 has 390 MA's), (6, 31049), (13, 31160), (20, 31343), (27, 31430), (31, 31466), (33, 31499), (34, 31535), (35, 31565), (37, 31646), (50, 31886), (52, 31913), (53, 31991), (57, 32108), (69, 32351),

Gene: Inverness_32 Start: 31024, Stop: 32370, Start Num: 2
Candidate Starts for Inverness_32:
(Start: 2 @31024 has 390 MA's), (6, 31063), (8, 31114), (13, 31174), (20, 31357), (27, 31444), (31, 31480), (33, 31513), (34, 31549), (35, 31579), (37, 31660), (50, 31900), (52, 31927), (53, 32005), (57, 32122), (65, 32308), (69, 32365),

Gene: Iridessa_32 Start: 30726, Stop: 32072, Start Num: 2
Candidate Starts for Iridessa_32:
(Start: 2 @30726 has 390 MA's), (6, 30765), (8, 30816), (13, 30876), (20, 31059), (27, 31146), (31, 31182), (33, 31215), (34, 31251), (35, 31281), (37, 31362), (50, 31602), (52, 31629), (53, 31707), (57, 31824), (69, 32067),

Gene: Iridoclysis_32 Start: 31004, Stop: 32350, Start Num: 2
Candidate Starts for Iridoclysis_32:
(Start: 2 @31004 has 390 MA's), (6, 31043), (8, 31094), (13, 31154), (20, 31337), (27, 31424), (31, 31460), (33, 31493), (34, 31529), (35, 31559), (37, 31640), (50, 31880), (52, 31907), (53, 31985), (57, 32102), (69, 32345),

Gene: IsaacEli_32 Start: 31028, Stop: 32374, Start Num: 2
Candidate Starts for IsaacEli_32:
(Start: 2 @31028 has 390 MA's), (6, 31067), (8, 31118), (13, 31178), (20, 31361), (27, 31448), (31, 31484), (33, 31517), (34, 31553), (35, 31583), (50, 31904), (52, 31931), (53, 32009), (57, 32126), (69, 32369),

Gene: JAMaL_29 Start: 31449, Stop: 32789, Start Num: 2
Candidate Starts for JAMaL_29:
(1, 31098), (Start: 2 @31449 has 390 MA's), (7, 31518), (8, 31539), (11, 31572), (18, 31755), (19, 31764), (25, 31833), (38, 32082), (47, 32301), (53, 32418), (56, 32478), (59, 32580), (67, 32760), (68, 32766),

Gene: JDog_31 Start: 30740, Stop: 32086, Start Num: 2
Candidate Starts for JDog_31:
(Start: 2 @30740 has 390 MA's), (6, 30779), (13, 30890), (20, 31073), (27, 31160), (31, 31196), (33, 31229), (34, 31265), (35, 31295), (50, 31616), (52, 31643), (53, 31721), (57, 31838), (65, 32024), (69, 32081),

Gene: JacAttac_32 Start: 31010, Stop: 32356, Start Num: 2

Candidate Starts for JacAttac_32:
(Start: 2 @31010 has 390 MA's), (6, 31049), (8, 31100), (13, 31160), (20, 31343), (27, 31430), (31, 31466), (33, 31499), (34, 31535), (35, 31565), (37, 31646), (50, 31886), (52, 31913), (53, 31991), (57, 32108), (69, 32351),

Gene: Jackstina_29 Start: 30763, Stop: 32145, Start Num: 2
Candidate Starts for Jackstina_29:
(Start: 2 @30763 has 390 MA's), (9, 30880), (24, 31156), (29, 31216), (36, 31384), (43, 31585), (52, 31696),

Gene: JaguarMi_29 Start: 30738, Stop: 32081, Start Num: 2
Candidate Starts for JaguarMi_29:
(Start: 2 @30738 has 390 MA's), (4, 30750), (7, 30825), (8, 30846), (15, 30933), (19, 31071), (21, 31089), (23, 31104), (38, 31377), (41, 31509), (54, 31737), (56, 31773), (60, 31896), (65, 32019), (67, 32055), (69, 32076),

Gene: JakeO_31 Start: 30743, Stop: 32089, Start Num: 2
Candidate Starts for JakeO_31:
(Start: 2 @30743 has 390 MA's), (6, 30782), (13, 30893), (20, 31076), (27, 31163), (31, 31199), (33, 31232), (34, 31268), (35, 31298), (37, 31379), (50, 31619), (52, 31646), (53, 31724), (57, 31841), (69, 32084),

Gene: JangoPhett_32 Start: 31011, Stop: 32357, Start Num: 2
Candidate Starts for JangoPhett_32:
(Start: 2 @31011 has 390 MA's), (6, 31050), (8, 31101), (13, 31161), (20, 31344), (27, 31431), (31, 31467), (33, 31500), (34, 31536), (35, 31566), (37, 31647), (50, 31887), (52, 31914), (53, 31992), (57, 32109), (69, 32352),

Gene: Jbug01_31 Start: 30235, Stop: 31581, Start Num: 2
Candidate Starts for Jbug01_31:
(Start: 2 @30235 has 390 MA's), (6, 30274), (13, 30385), (16, 30424), (20, 30568), (27, 30655), (31, 30691), (33, 30724), (34, 30760), (35, 30790), (50, 31111), (52, 31138), (53, 31216), (57, 31333), (69, 31576),

Gene: Jesabah_32 Start: 30743, Stop: 32089, Start Num: 2
Candidate Starts for Jesabah_32:
(Start: 2 @30743 has 390 MA's), (6, 30782), (8, 30833), (13, 30893), (20, 31076), (27, 31163), (31, 31199), (33, 31232), (34, 31268), (35, 31298), (37, 31379), (50, 31619), (52, 31646), (53, 31724), (57, 31841), (69, 32084),

Gene: Jillium_31 Start: 30734, Stop: 32080, Start Num: 2
Candidate Starts for Jillium_31:
(Start: 2 @30734 has 390 MA's), (6, 30773), (8, 30824), (13, 30884), (20, 31067), (27, 31154), (31, 31190), (33, 31223), (34, 31259), (35, 31289), (37, 31370), (50, 31610), (52, 31637), (53, 31715), (57, 31832), (69, 32075),

Gene: Jiminy_31 Start: 30578, Stop: 31924, Start Num: 2
Candidate Starts for Jiminy_31:
(Start: 2 @30578 has 390 MA's), (6, 30617), (8, 30668), (13, 30728), (20, 30911), (27, 30998), (31, 31034), (33, 31067), (34, 31103), (35, 31133), (37, 31214), (50, 31454), (52, 31481), (53, 31559), (57, 31676), (69, 31919),

Gene: Jiraiya_31 Start: 30731, Stop: 32077, Start Num: 2

Candidate Starts for Jiraiya_31:
(Start: 2 @30731 has 390 MA's), (6, 30770), (13, 30881), (16, 30920), (20, 31064), (27, 31151), (31, 31187), (33, 31220), (34, 31256), (35, 31286), (37, 31367), (50, 31607), (52, 31634), (53, 31712), (57, 31829), (65, 32015), (69, 32072),

Gene: JoyceMaria_29 Start: 31265, Stop: 32602, Start Num: 2
Candidate Starts for JoyceMaria_29:
(1, 30914), (Start: 2 @31265 has 390 MA's), (7, 31334), (8, 31355), (11, 31388), (17, 31550), (18, 31571), (19, 31580), (25, 31649), (38, 31898), (47, 32117), (65, 32540), (66, 32558), (67, 32576), (68, 32582), (69, 32597),

Gene: KLucky39_32 Start: 31022, Stop: 32368, Start Num: 2
Candidate Starts for KLucky39_32:
(Start: 2 @31022 has 390 MA's), (6, 31061), (8, 31112), (13, 31172), (20, 31355), (27, 31442), (31, 31478), (33, 31511), (34, 31547), (35, 31577), (50, 31898), (52, 31925), (53, 32003), (57, 32120), (65, 32306), (69, 32363),

Gene: Kahve_31 Start: 30738, Stop: 32084, Start Num: 2
Candidate Starts for Kahve_31:
(Start: 2 @30738 has 390 MA's), (6, 30777), (8, 30828), (13, 30888), (20, 31071), (27, 31158), (31, 31194), (33, 31227), (34, 31263), (35, 31293), (37, 31374), (50, 31614), (52, 31641), (53, 31719), (57, 31836), (69, 32079),

Gene: Kailash_32 Start: 31076, Stop: 32422, Start Num: 2
Candidate Starts for Kailash_32:
(Start: 2 @31076 has 390 MA's), (6, 31115), (8, 31166), (13, 31226), (20, 31409), (27, 31496), (31, 31532), (33, 31565), (34, 31601), (35, 31631), (37, 31712), (50, 31952), (52, 31979), (53, 32057), (57, 32174), (69, 32417),

Gene: Kamiyu_32 Start: 30809, Stop: 32191, Start Num: 2
Candidate Starts for Kamiyu_32:
(Start: 2 @30809 has 390 MA's), (9, 30926), (24, 31202), (29, 31262), (36, 31430), (43, 31631), (52, 31742),

Gene: KarasumaRum_33 Start: 31391, Stop: 32734, Start Num: 2
Candidate Starts for KarasumaRum_33:
(Start: 2 @31391 has 390 MA's), (4, 31403), (7, 31478), (8, 31499), (15, 31586), (19, 31724), (22, 31757), (41, 32162), (42, 32177), (45, 32198),

Gene: Karn_31 Start: 30738, Stop: 32084, Start Num: 2
Candidate Starts for Karn_31:
(Start: 2 @30738 has 390 MA's), (6, 30777), (13, 30888), (16, 30927), (20, 31071), (27, 31158), (31, 31194), (33, 31227), (34, 31263), (35, 31293), (50, 31614), (52, 31641), (53, 31719), (57, 31836), (69, 32079),

Gene: Katniss_32 Start: 31037, Stop: 32383, Start Num: 2
Candidate Starts for Katniss_32:
(Start: 2 @31037 has 390 MA's), (6, 31076), (8, 31127), (13, 31187), (20, 31370), (27, 31457), (31, 31493), (33, 31526), (34, 31562), (35, 31592), (37, 31673), (50, 31913), (52, 31940), (53, 32018), (57, 32135), (65, 32321), (69, 32378),

Gene: Keitherie_32 Start: 31075, Stop: 32421, Start Num: 2
Candidate Starts for Keitherie_32:

(Start: 2 @31075 has 390 MA's), (6, 31114), (13, 31225), (16, 31264), (20, 31408), (27, 31495), (31, 31531), (33, 31564), (34, 31600), (35, 31630), (37, 31711), (50, 31951), (52, 31978), (53, 32056), (57, 32173), (65, 32359), (69, 32416),

Gene: Khan1_31 Start: 30758, Stop: 32104, Start Num: 2
Candidate Starts for Khan1_31:
(Start: 2 @30758 has 390 MA's), (6, 30797), (13, 30908), (20, 31091), (27, 31178), (31, 31214), (33, 31247), (34, 31283), (35, 31313), (50, 31634), (52, 31661), (53, 31739), (57, 31856), (69, 32099),

Gene: Kikipoo_32 Start: 31028, Stop: 32374, Start Num: 2
Candidate Starts for Kikipoo_32:
(Start: 2 @31028 has 390 MA's), (6, 31067), (8, 31118), (13, 31178), (20, 31361), (27, 31448), (31, 31484), (33, 31517), (34, 31553), (35, 31583), (50, 31904), (52, 31931), (53, 32009), (57, 32126), (69, 32369),

Gene: Kimbrough_32 Start: 30730, Stop: 32076, Start Num: 2
Candidate Starts for Kimbrough_32:
(Start: 2 @30730 has 390 MA's), (6, 30769), (8, 30820), (13, 30880), (20, 31063), (27, 31150), (31, 31186), (33, 31219), (34, 31255), (35, 31285), (37, 31366), (50, 31606), (52, 31633), (53, 31711), (57, 31828), (69, 32071),

Gene: KingTut_23 Start: 26399, Stop: 27745, Start Num: 2
Candidate Starts for KingTut_23:
(Start: 2 @26399 has 390 MA's), (6, 26438), (13, 26549), (16, 26588), (20, 26732), (27, 26819), (31, 26855), (33, 26888), (34, 26924), (35, 26954), (37, 27035), (50, 27275), (52, 27302), (53, 27380), (57, 27497), (69, 27740),

Gene: KingVeVeVe_32 Start: 31003, Stop: 32349, Start Num: 2
Candidate Starts for KingVeVeVe_32:
(Start: 2 @31003 has 390 MA's), (6, 31042), (8, 31093), (13, 31153), (20, 31336), (27, 31423), (31, 31459), (33, 31492), (34, 31528), (35, 31558), (37, 31639), (50, 31879), (52, 31906), (53, 31984), (57, 32101), (63, 32218), (65, 32287), (69, 32344),

Gene: Kiwot_31 Start: 30584, Stop: 31930, Start Num: 2
Candidate Starts for Kiwot_31:
(Start: 2 @30584 has 390 MA's), (6, 30623), (13, 30734), (16, 30773), (20, 30917), (27, 31004), (31, 31040), (33, 31073), (34, 31109), (35, 31139), (50, 31460), (52, 31487), (53, 31565), (57, 31682), (69, 31925),

Gene: KlimbOn_32 Start: 31016, Stop: 32362, Start Num: 2
Candidate Starts for KlimbOn_32:
(Start: 2 @31016 has 390 MA's), (6, 31055), (8, 31106), (13, 31166), (20, 31349), (27, 31436), (31, 31472), (33, 31505), (34, 31541), (35, 31571), (37, 31652), (50, 31892), (52, 31919), (53, 31997), (57, 32114), (65, 32300), (69, 32357),

Gene: Kloppinator_32 Start: 31039, Stop: 32385, Start Num: 2
Candidate Starts for Kloppinator_32:
(Start: 2 @31039 has 390 MA's), (6, 31078), (8, 31129), (13, 31189), (20, 31372), (27, 31459), (31, 31495), (33, 31528), (34, 31564), (35, 31594), (37, 31675), (50, 31915), (52, 31942), (53, 32020), (57, 32137), (65, 32323), (69, 32380),

Gene: Kronus_31 Start: 31423, Stop: 32805, Start Num: 2
Candidate Starts for Kronus_31:

(Start: 2 @31423 has 390 MA's), (9, 31540), (24, 31816), (29, 31876), (36, 32044), (43, 32245), (52, 32356), (70, 32797),

Gene: Kwadwo_31 Start: 30720, Stop: 32066, Start Num: 2
Candidate Starts for Kwadwo_31:
(Start: 2 @30720 has 390 MA's), (6, 30759), (8, 30810), (13, 30870), (20, 31053), (27, 31140), (31, 31176), (33, 31209), (34, 31245), (35, 31275), (37, 31356), (50, 31596), (52, 31623), (53, 31701), (57, 31818), (69, 32061),

Gene: Kwksand96_31 Start: 30588, Stop: 31934, Start Num: 2
Candidate Starts for Kwksand96_31:
(Start: 2 @30588 has 390 MA's), (6, 30627), (13, 30738), (20, 30921), (27, 31008), (31, 31044), (33, 31077), (34, 31113), (35, 31143), (37, 31224), (50, 31464), (52, 31491), (53, 31569), (57, 31686), (65, 31872), (69, 31929),

Gene: Labeouficaum_31 Start: 30584, Stop: 31930, Start Num: 2
Candidate Starts for Labeouficaum_31:
(Start: 2 @30584 has 390 MA's), (6, 30623), (13, 30734), (20, 30917), (27, 31004), (31, 31040), (33, 31073), (34, 31109), (35, 31139), (50, 31460), (52, 31487), (53, 31565), (57, 31682), (69, 31925),

Gene: Lambano_28 Start: 30250, Stop: 31590, Start Num: 2
Candidate Starts for Lambano_28:
(1, 29899), (Start: 2 @30250 has 390 MA's), (7, 30319), (8, 30340), (11, 30373), (18, 30556), (19, 30565), (25, 30634), (38, 30883), (47, 31102), (53, 31219), (56, 31279), (59, 31381), (67, 31561), (68, 31567),

Gene: Larson_33 Start: 31073, Stop: 32479, Start Num: 2
Candidate Starts for Larson_33:
(Start: 2 @31073 has 390 MA's), (6, 31112), (13, 31223), (16, 31262), (20, 31406), (27, 31493), (31, 31529), (33, 31562), (34, 31598), (35, 31628), (37, 31709), (50, 32009), (52, 32036), (53, 32114), (57, 32231), (65, 32417), (69, 32474),

Gene: LasagnaCat_32 Start: 31022, Stop: 32368, Start Num: 2
Candidate Starts for LasagnaCat_32:
(Start: 2 @31022 has 390 MA's), (6, 31061), (8, 31112), (13, 31172), (20, 31355), (27, 31442), (31, 31478), (33, 31511), (34, 31547), (35, 31577), (37, 31658), (50, 31898), (52, 31925), (53, 32003), (57, 32120), (69, 32363),

Gene: Lasso_32 Start: 30995, Stop: 32341, Start Num: 2
Candidate Starts for Lasso_32:
(Start: 2 @30995 has 390 MA's), (6, 31034), (13, 31145), (20, 31328), (27, 31415), (31, 31451), (33, 31484), (34, 31520), (35, 31550), (37, 31631), (50, 31871), (52, 31898), (53, 31976), (57, 32093), (69, 32336),

Gene: LeeLot_32 Start: 31026, Stop: 32372, Start Num: 2
Candidate Starts for LeeLot_32:
(Start: 2 @31026 has 390 MA's), (6, 31065), (13, 31176), (16, 31215), (20, 31359), (27, 31446), (31, 31482), (33, 31515), (34, 31551), (35, 31581), (37, 31662), (50, 31902), (52, 31929), (53, 32007), (57, 32124), (69, 32367),

Gene: Lego3393_32 Start: 31031, Stop: 32377, Start Num: 2
Candidate Starts for Lego3393_32:

(Start: 2 @31031 has 390 MA's), (6, 31070), (8, 31121), (13, 31181), (20, 31364), (27, 31451), (31, 31487), (33, 31520), (34, 31556), (35, 31586), (37, 31667), (50, 31907), (52, 31934), (53, 32012), (57, 32129), (69, 32372),

Gene: Legolas_31 Start: 30736, Stop: 32082, Start Num: 2
Candidate Starts for Legolas_31:
(Start: 2 @30736 has 390 MA's), (6, 30775), (8, 30826), (13, 30886), (20, 31069), (27, 31156), (31, 31192), (33, 31225), (34, 31261), (35, 31291), (37, 31372), (50, 31612), (52, 31639), (53, 31717), (57, 31834), (69, 32077),

Gene: Lehmann_32 Start: 30559, Stop: 31905, Start Num: 2
Candidate Starts for Lehmann_32:
(Start: 2 @30559 has 390 MA's), (6, 30598), (8, 30649), (13, 30709), (20, 30892), (27, 30979), (31, 31015), (33, 31048), (34, 31084), (35, 31114), (37, 31195), (50, 31435), (52, 31462), (53, 31540), (57, 31657), (65, 31843), (69, 31900),

Gene: LeiMonet_32 Start: 30727, Stop: 32073, Start Num: 2
Candidate Starts for LeiMonet_32:
(Start: 2 @30727 has 390 MA's), (6, 30766), (13, 30877), (20, 31060), (27, 31147), (31, 31183), (33, 31216), (34, 31252), (35, 31282), (37, 31363), (50, 31603), (52, 31630), (53, 31708), (57, 31825), (69, 32068),

Gene: LemonSlice_32 Start: 30723, Stop: 32069, Start Num: 2
Candidate Starts for LemonSlice_32:
(Start: 2 @30723 has 390 MA's), (6, 30762), (8, 30813), (13, 30873), (20, 31056), (27, 31143), (31, 31179), (33, 31212), (34, 31248), (35, 31278), (37, 31359), (50, 31599), (52, 31626), (53, 31704), (57, 31821), (69, 32064),

Gene: LestyG_32 Start: 30844, Stop: 32226, Start Num: 2
Candidate Starts for LestyG_32:
(Start: 2 @30844 has 390 MA's), (24, 31237), (29, 31297), (36, 31465), (43, 31666), (52, 31777),

Gene: LittleDigger_28 Start: 30269, Stop: 31609, Start Num: 2
Candidate Starts for LittleDigger_28:
(1, 29918), (Start: 2 @30269 has 390 MA's), (7, 30338), (8, 30359), (11, 30392), (18, 30575), (19, 30584), (25, 30653), (38, 30902), (47, 31121), (53, 31238), (56, 31298), (59, 31400), (65, 31544), (67, 31580),

Gene: Lolalove_29 Start: 31276, Stop: 32613, Start Num: 2
Candidate Starts for Lolalove_29:
(Start: 2 @31276 has 390 MA's), (8, 31366), (18, 31582), (19, 31591), (25, 31660), (38, 31909), (47, 32128), (54, 32269), (56, 32305), (67, 32587), (68, 32593), (69, 32608),

Gene: Longacauda_31 Start: 30728, Stop: 32074, Start Num: 2
Candidate Starts for Longacauda_31:
(Start: 2 @30728 has 390 MA's), (6, 30767), (13, 30878), (20, 31061), (27, 31148), (31, 31184), (33, 31217), (34, 31253), (35, 31283), (37, 31364), (50, 31604), (52, 31631), (53, 31709), (57, 31826), (69, 32069),

Gene: Lopsy_31 Start: 30578, Stop: 31924, Start Num: 2
Candidate Starts for Lopsy_31:
(Start: 2 @30578 has 390 MA's), (6, 30617), (13, 30728), (20, 30911), (27, 30998), (31, 31034), (33, 31067), (34, 31103), (35, 31133), (50, 31454), (52, 31481), (53, 31559), (57, 31676), (65, 31862), (69,

31919),

Gene: LostAndPhound_31 Start: 30729, Stop: 32075, Start Num: 2
Candidate Starts for LostAndPhound_31:
(Start: 2 @30729 has 390 MA's), (6, 30768), (13, 30879), (20, 31062), (27, 31149), (31, 31185), (33, 31218), (34, 31254), (35, 31284), (37, 31365), (50, 31605), (52, 31632), (53, 31710), (57, 31827), (69, 32070),

Gene: LuckyMarjie_31 Start: 30738, Stop: 32084, Start Num: 2
Candidate Starts for LuckyMarjie_31:
(Start: 2 @30738 has 390 MA's), (6, 30777), (13, 30888), (20, 31071), (27, 31158), (31, 31194), (33, 31227), (34, 31263), (35, 31293), (37, 31374), (50, 31614), (52, 31641), (53, 31719), (57, 31836), (69, 32079),

Gene: Lulumae_31 Start: 30720, Stop: 32066, Start Num: 2
Candidate Starts for Lulumae_31:
(Start: 2 @30720 has 390 MA's), (6, 30759), (8, 30810), (13, 30870), (20, 31053), (27, 31140), (31, 31176), (33, 31209), (34, 31245), (35, 31275), (37, 31356), (50, 31596), (52, 31623), (53, 31701), (57, 31818), (69, 32061),

Gene: Lulwa_32 Start: 31007, Stop: 32353, Start Num: 2
Candidate Starts for Lulwa_32:
(Start: 2 @31007 has 390 MA's), (6, 31046), (13, 31157), (20, 31340), (27, 31427), (31, 31463), (33, 31496), (34, 31532), (35, 31562), (37, 31643), (50, 31883), (52, 31910), (53, 31988), (57, 32105), (69, 32348),

Gene: Lumine_31 Start: 30716, Stop: 32062, Start Num: 2
Candidate Starts for Lumine_31:
(Start: 2 @30716 has 390 MA's), (6, 30755), (8, 30806), (13, 30866), (20, 31049), (27, 31136), (31, 31172), (33, 31205), (34, 31241), (35, 31271), (37, 31352), (50, 31592), (52, 31619), (53, 31697), (57, 31814), (69, 32057),

Gene: MRabcd_31 Start: 30720, Stop: 32066, Start Num: 2
Candidate Starts for MRabcd_31:
(Start: 2 @30720 has 390 MA's), (6, 30759), (13, 30870), (20, 31053), (27, 31140), (31, 31176), (33, 31209), (34, 31245), (35, 31275), (37, 31356), (50, 31596), (52, 31623), (53, 31701), (57, 31818), (69, 32061),

Gene: Mag7_31 Start: 30626, Stop: 31972, Start Num: 2
Candidate Starts for Mag7_31:
(Start: 2 @30626 has 390 MA's), (6, 30665), (8, 30716), (13, 30776), (20, 30959), (27, 31046), (31, 31082), (33, 31115), (34, 31151), (35, 31181), (37, 31262), (50, 31502), (52, 31529), (53, 31607), (57, 31724), (69, 31967),

Gene: Magic8_32 Start: 31061, Stop: 32407, Start Num: 2
Candidate Starts for Magic8_32:
(Start: 2 @31061 has 390 MA's), (6, 31100), (13, 31211), (20, 31394), (27, 31481), (31, 31517), (33, 31550), (34, 31586), (35, 31616), (37, 31697), (50, 31937), (52, 31964), (53, 32042), (57, 32159), (69, 32402),

Gene: Magpie_28 Start: 31105, Stop: 32445, Start Num: 2
Candidate Starts for Magpie_28:

(Start: 2 @31105 has 390 MA's), (8, 31195), (11, 31228), (18, 31411), (19, 31420), (38, 31741), (47, 31960), (56, 32137), (65, 32383), (67, 32419), (68, 32425), (69, 32440),

Gene: Mana_31 Start: 30735, Stop: 32081, Start Num: 2
Candidate Starts for Mana_31:
(Start: 2 @30735 has 390 MA's), (6, 30774), (13, 30885), (20, 31068), (27, 31155), (31, 31191), (33, 31224), (34, 31260), (35, 31290), (37, 31371), (50, 31611), (52, 31638), (53, 31716), (57, 31833), (69, 32076),

Gene: Manad_31 Start: 30577, Stop: 31923, Start Num: 2
Candidate Starts for Manad_31:
(Start: 2 @30577 has 390 MA's), (6, 30616), (8, 30667), (13, 30727), (20, 30910), (27, 30997), (31, 31033), (33, 31066), (34, 31102), (35, 31132), (37, 31213), (50, 31453), (52, 31480), (53, 31558), (57, 31675), (65, 31861), (69, 31918),

Gene: Marley1013_32 Start: 31622, Stop: 33004, Start Num: 2
Candidate Starts for Marley1013_32:
(Start: 2 @31622 has 390 MA's), (24, 32015), (29, 32075), (36, 32243), (43, 32444), (52, 32555),

Gene: Marlia_32 Start: 30824, Stop: 32206, Start Num: 2
Candidate Starts for Marlia_32:
(Start: 2 @30824 has 390 MA's), (24, 31217), (29, 31277), (36, 31445), (43, 31646), (52, 31757), (70, 32198),

Gene: Maskar_31 Start: 30574, Stop: 31920, Start Num: 2
Candidate Starts for Maskar_31:
(Start: 2 @30574 has 390 MA's), (6, 30613), (13, 30724), (20, 30907), (27, 30994), (31, 31030), (33, 31063), (34, 31099), (35, 31129), (50, 31450), (52, 31477), (53, 31555), (57, 31672), (65, 31858), (69, 31915),

Gene: Matalotodo_32 Start: 31021, Stop: 32367, Start Num: 2
Candidate Starts for Matalotodo_32:
(Start: 2 @31021 has 390 MA's), (6, 31060), (13, 31171), (16, 31210), (20, 31354), (27, 31441), (31, 31477), (33, 31510), (34, 31546), (35, 31576), (37, 31657), (50, 31897), (52, 31924), (53, 32002), (57, 32119), (69, 32362),

Gene: Mcshane_31 Start: 30718, Stop: 32064, Start Num: 2
Candidate Starts for Mcshane_31:
(Start: 2 @30718 has 390 MA's), (6, 30757), (8, 30808), (13, 30868), (20, 31051), (27, 31138), (31, 31174), (33, 31207), (34, 31243), (35, 31273), (37, 31354), (50, 31594), (52, 31621), (53, 31699), (57, 31816), (69, 32059),

Gene: Mecca_31 Start: 30721, Stop: 32067, Start Num: 2
Candidate Starts for Mecca_31:
(Start: 2 @30721 has 390 MA's), (6, 30760), (8, 30811), (13, 30871), (20, 31054), (27, 31141), (31, 31177), (33, 31210), (34, 31246), (35, 31276), (37, 31357), (50, 31597), (52, 31624), (53, 31702), (57, 31819), (69, 32062),

Gene: Megamind20_32 Start: 30743, Stop: 32089, Start Num: 2
Candidate Starts for Megamind20_32:
(Start: 2 @30743 has 390 MA's), (6, 30782), (8, 30833), (13, 30893), (20, 31076), (27, 31163), (31, 31199), (33, 31232), (34, 31268), (35, 31298), (37, 31379), (50, 31619), (52, 31646), (53, 31724), (57, 31841), (69, 32084),

Gene: Megatron_32 Start: 31019, Stop: 32365, Start Num: 2
Candidate Starts for Megatron_32:
(Start: 2 @31019 has 390 MA's), (6, 31058), (8, 31109), (13, 31169), (20, 31352), (27, 31439), (31, 31475), (33, 31508), (34, 31544), (35, 31574), (37, 31655), (50, 31895), (52, 31922), (53, 32000), (57, 32117), (69, 32360),

Gene: Melc17_32 Start: 31016, Stop: 32362, Start Num: 2
Candidate Starts for Melc17_32:
(Start: 2 @31016 has 390 MA's), (6, 31055), (8, 31106), (13, 31166), (20, 31349), (27, 31436), (31, 31472), (33, 31505), (34, 31541), (35, 31571), (37, 31652), (50, 31892), (52, 31919), (53, 31997), (57, 32114), (69, 32357),

Gene: MelsMeow_31 Start: 30623, Stop: 31969, Start Num: 2
Candidate Starts for MelsMeow_31:
(Start: 2 @30623 has 390 MA's), (6, 30662), (13, 30773), (20, 30956), (27, 31043), (31, 31079), (33, 31112), (34, 31148), (35, 31178), (50, 31499), (52, 31526), (53, 31604), (57, 31721), (65, 31907), (69, 31964),

Gene: Mesh1_32 Start: 31033, Stop: 32379, Start Num: 2
Candidate Starts for Mesh1_32:
(Start: 2 @31033 has 390 MA's), (6, 31072), (8, 31123), (13, 31183), (20, 31366), (27, 31453), (31, 31489), (33, 31522), (34, 31558), (35, 31588), (37, 31669), (50, 31909), (52, 31936), (53, 32014), (57, 32131), (69, 32374),

Gene: Mesmerelda_31 Start: 30731, Stop: 32077, Start Num: 2
Candidate Starts for Mesmerelda_31:
(Start: 2 @30731 has 390 MA's), (6, 30770), (13, 30881), (20, 31064), (27, 31151), (31, 31187), (33, 31220), (34, 31256), (35, 31286), (37, 31367), (50, 31607), (52, 31634), (53, 31712), (57, 31829), (69, 32072),

Gene: MichaelPhcott_31 Start: 30623, Stop: 31969, Start Num: 2
Candidate Starts for MichaelPhcott_31:
(Start: 2 @30623 has 390 MA's), (6, 30662), (8, 30713), (13, 30773), (20, 30956), (27, 31043), (31, 31079), (33, 31112), (34, 31148), (35, 31178), (37, 31259), (50, 31499), (52, 31526), (53, 31604), (57, 31721), (69, 31964),

Gene: Mikota_32 Start: 31006, Stop: 32352, Start Num: 2
Candidate Starts for Mikota_32:
(Start: 2 @31006 has 390 MA's), (6, 31045), (8, 31096), (13, 31156), (20, 31339), (27, 31426), (31, 31462), (33, 31495), (34, 31531), (35, 31561), (37, 31642), (50, 31882), (52, 31909), (53, 31987), (57, 32104), (65, 32290), (69, 32347),

Gene: MiniBoss_32 Start: 31012, Stop: 32358, Start Num: 2
Candidate Starts for MiniBoss_32:
(Start: 2 @31012 has 390 MA's), (6, 31051), (8, 31102), (13, 31162), (20, 31345), (27, 31432), (31, 31468), (33, 31501), (34, 31537), (35, 31567), (37, 31648), (50, 31888), (52, 31915), (53, 31993), (57, 32110), (65, 32296), (69, 32353),

Gene: MitKao_32 Start: 30727, Stop: 32073, Start Num: 2
Candidate Starts for MitKao_32:
(Start: 2 @30727 has 390 MA's), (6, 30766), (8, 30817), (13, 30877), (20, 31060), (27, 31147), (31, 31183), (33, 31216), (34, 31252), (35, 31282), (37, 31363), (50, 31603), (52, 31630), (53, 31708), (57,

31825), (69, 32068),

Gene: Mithril_29 Start: 31280, Stop: 32617, Start Num: 2
Candidate Starts for Mithril_29:
(1, 30929), (Start: 2 @31280 has 390 MA's), (8, 31370), (11, 31403), (17, 31565), (18, 31586), (19, 31595), (25, 31664), (47, 32132), (56, 32309), (65, 32555), (67, 32591), (68, 32597), (69, 32612),

Gene: MmasiCarm_32 Start: 30826, Stop: 32208, Start Num: 2
Candidate Starts for MmasiCarm_32:
(Start: 2 @30826 has 390 MA's), (24, 31219), (29, 31279), (36, 31447), (43, 31648), (52, 31759), (70, 32200),

Gene: Morgushi_32 Start: 30728, Stop: 32074, Start Num: 2
Candidate Starts for Morgushi_32:
(Start: 2 @30728 has 390 MA's), (6, 30767), (13, 30878), (16, 30917), (20, 31061), (27, 31148), (31, 31184), (33, 31217), (34, 31253), (35, 31283), (37, 31364), (50, 31604), (52, 31631), (53, 31709), (57, 31826), (69, 32069),

Gene: Mortcellus_31 Start: 31478, Stop: 32860, Start Num: 2
Candidate Starts for Mortcellus_31:
(Start: 2 @31478 has 390 MA's), (24, 31871), (29, 31931), (36, 32099), (43, 32300), (52, 32411),

Gene: Morty_32 Start: 31028, Stop: 32374, Start Num: 2
Candidate Starts for Morty_32:
(Start: 2 @31028 has 390 MA's), (6, 31067), (8, 31118), (13, 31178), (20, 31361), (27, 31448), (31, 31484), (33, 31517), (34, 31553), (35, 31583), (37, 31664), (50, 31904), (52, 31931), (53, 32009), (57, 32126), (69, 32369),

Gene: Morty007_32 Start: 31622, Stop: 33004, Start Num: 2
Candidate Starts for Morty007_32:
(Start: 2 @31622 has 390 MA's), (24, 32015), (29, 32075), (36, 32243), (43, 32444), (52, 32555),

Gene: Mosaic_31 Start: 30733, Stop: 32079, Start Num: 2
Candidate Starts for Mosaic_31:
(Start: 2 @30733 has 390 MA's), (6, 30772), (8, 30823), (13, 30883), (20, 31066), (27, 31153), (31, 31189), (33, 31222), (34, 31258), (35, 31288), (37, 31369), (50, 31609), (52, 31636), (53, 31714), (57, 31831), (69, 32074),

Gene: MrPhizzler_32 Start: 30735, Stop: 32081, Start Num: 2
Candidate Starts for MrPhizzler_32:
(Start: 2 @30735 has 390 MA's), (6, 30774), (13, 30885), (20, 31068), (27, 31155), (31, 31191), (33, 31224), (34, 31260), (35, 31290), (50, 31611), (52, 31638), (53, 31716), (57, 31833), (69, 32076),

Gene: Mudslide_29 Start: 31512, Stop: 32849, Start Num: 2
Candidate Starts for Mudslide_29:
(1, 31161), (Start: 2 @31512 has 390 MA's), (7, 31581), (8, 31602), (11, 31635), (17, 31797), (18, 31818), (19, 31827), (25, 31896), (38, 32145), (47, 32364), (56, 32541), (65, 32787), (67, 32823), (68, 32829), (69, 32844),

Gene: Mulan_31 Start: 30745, Stop: 32091, Start Num: 2
Candidate Starts for Mulan_31:
(Start: 2 @30745 has 390 MA's), (6, 30784), (8, 30835), (13, 30895), (20, 31078), (27, 31165), (31, 31201), (33, 31234), (34, 31270), (35, 31300), (50, 31621), (52, 31648), (53, 31726), (57, 31843), (69,

32086),

Gene: Mulaychimus_32 Start: 30808, Stop: 32190, Start Num: 2
Candidate Starts for Mulaychimus_32:
(Start: 2 @30808 has 390 MA's), (24, 31201), (29, 31261), (36, 31429), (43, 31630), (52, 31741), (70, 32182),

Gene: Murdoc_32 Start: 31020, Stop: 32366, Start Num: 2
Candidate Starts for Murdoc_32:
(Start: 2 @31020 has 390 MA's), (6, 31059), (13, 31170), (16, 31209), (20, 31353), (27, 31440), (31, 31476), (33, 31509), (34, 31545), (35, 31575), (37, 31656), (50, 31896), (52, 31923), (53, 32001), (57, 32118), (69, 32361),

Gene: Mutante_31 Start: 30727, Stop: 32073, Start Num: 2
Candidate Starts for Mutante_31:
(Start: 2 @30727 has 390 MA's), (6, 30766), (13, 30877), (20, 31060), (27, 31147), (31, 31183), (33, 31216), (34, 31252), (35, 31282), (37, 31363), (50, 31603), (52, 31630), (53, 31708), (57, 31825), (69, 32068),

Gene: Mysterious_31 Start: 31499, Stop: 32854, Start Num: 2
Candidate Starts for Mysterious_31:
(Start: 2 @31499 has 390 MA's), (5, 31535), (7, 31586), (8, 31607), (14, 31688), (19, 31832), (32, 31961), (42, 32297), (44, 32315), (45, 32318), (58, 32615), (65, 32792),

Gene: Nacho_0032 Start: 31022, Stop: 32368, Start Num: 2
Candidate Starts for Nacho_0032:
(Start: 2 @31022 has 390 MA's), (6, 31061), (8, 31112), (13, 31172), (20, 31355), (27, 31442), (31, 31478), (33, 31511), (34, 31547), (35, 31577), (37, 31658), (50, 31898), (52, 31925), (53, 32003), (57, 32120), (65, 32306), (69, 32363),

Gene: Nanao_28 Start: 30237, Stop: 31577, Start Num: 2
Candidate Starts for Nanao_28:
(1, 29886), (Start: 2 @30237 has 390 MA's), (7, 30306), (8, 30327), (11, 30360), (18, 30543), (19, 30552), (25, 30621), (38, 30870), (47, 31089), (53, 31206), (56, 31266), (59, 31368), (67, 31548), (68, 31554),

Gene: Nangang_31 Start: 31201, Stop: 32544, Start Num: 2
Candidate Starts for Nangang_31:
(Start: 2 @31201 has 390 MA's), (4, 31213), (7, 31288), (8, 31309), (15, 31396), (19, 31534), (21, 31552), (22, 31567), (42, 31987), (45, 32008), (58, 32305),

Gene: Nathan_32 Start: 31058, Stop: 32404, Start Num: 2
Candidate Starts for Nathan_32:
(Start: 2 @31058 has 390 MA's), (6, 31097), (13, 31208), (16, 31247), (20, 31391), (27, 31478), (31, 31514), (33, 31547), (34, 31583), (35, 31613), (50, 31934), (52, 31961), (53, 32039), (57, 32156), (65, 32342), (69, 32399),

Gene: Nehemiah_30 Start: 31502, Stop: 32857, Start Num: 2
Candidate Starts for Nehemiah_30:
(Start: 2 @31502 has 390 MA's), (5, 31538), (7, 31589), (8, 31610), (14, 31691), (19, 31835), (32, 31964), (42, 32300), (44, 32318), (45, 32321), (58, 32618), (65, 32795),

Gene: Nehme_31 Start: 30754, Stop: 32100, Start Num: 2

Candidate Starts for Nehme_31:
(Start: 2 @30754 has 390 MA's), (6, 30793), (13, 30904), (16, 30943), (20, 31087), (27, 31174), (31, 31210), (33, 31243), (34, 31279), (35, 31309), (50, 31630), (52, 31657), (53, 31735), (57, 31852), (69, 32095),

Gene: Neos5_32 Start: 31641, Stop: 33023, Start Num: 2
Candidate Starts for Neos5_32:
(Start: 2 @31641 has 390 MA's), (24, 32034), (29, 32094), (36, 32262), (43, 32463), (52, 32574),

Gene: Newman_32 Start: 31018, Stop: 32364, Start Num: 2
Candidate Starts for Newman_32:
(Start: 2 @31018 has 390 MA's), (6, 31057), (8, 31108), (13, 31168), (20, 31351), (27, 31438), (31, 31474), (33, 31507), (34, 31543), (35, 31573), (50, 31894), (52, 31921), (53, 31999), (57, 32116), (65, 32302), (69, 32359),

Gene: NiaNia_33 Start: 30750, Stop: 32096, Start Num: 2
Candidate Starts for NiaNia_33:
(Start: 2 @30750 has 390 MA's), (6, 30789), (8, 30840), (13, 30900), (20, 31083), (27, 31170), (31, 31206), (33, 31239), (34, 31275), (35, 31305), (37, 31386), (50, 31626), (52, 31653), (53, 31731), (57, 31848), (69, 32091),

Gene: Nicole21_32 Start: 31017, Stop: 32363, Start Num: 2
Candidate Starts for Nicole21_32:
(Start: 2 @31017 has 390 MA's), (6, 31056), (8, 31107), (13, 31167), (20, 31350), (27, 31437), (31, 31473), (33, 31506), (34, 31542), (35, 31572), (37, 31653), (50, 31893), (52, 31920), (53, 31998), (57, 32115), (69, 32358),

Gene: Nigel_27 Start: 30148, Stop: 31488, Start Num: 2
Candidate Starts for Nigel_27:
(1, 29797), (Start: 2 @30148 has 390 MA's), (7, 30217), (8, 30238), (11, 30271), (17, 30433), (18, 30454), (19, 30463), (28, 30562), (29, 30580), (47, 31000), (56, 31177), (67, 31459), (68, 31465), (69, 31480),

Gene: Nova1_31 Start: 30676, Stop: 32022, Start Num: 2
Candidate Starts for Nova1_31:
(Start: 2 @30676 has 390 MA's), (6, 30715), (8, 30766), (13, 30826), (20, 31009), (27, 31096), (31, 31132), (33, 31165), (34, 31201), (35, 31231), (37, 31312), (50, 31552), (52, 31579), (53, 31657), (57, 31774), (69, 32017),

Gene: Nozo_32 Start: 31602, Stop: 32984, Start Num: 2
Candidate Starts for Nozo_32:
(Start: 2 @31602 has 390 MA's), (24, 31995), (29, 32055), (36, 32223), (43, 32424), (52, 32535),

Gene: Numberten_32 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for Numberten_32:
(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 31901), (52, 31928), (53, 32006), (57, 32123), (69, 32366),

Gene: Nyala_31 Start: 30719, Stop: 32065, Start Num: 2
Candidate Starts for Nyala_31:
(Start: 2 @30719 has 390 MA's), (6, 30758), (8, 30809), (13, 30869), (20, 31052), (27, 31139), (31, 31175), (33, 31208), (34, 31244), (35, 31274), (37, 31355), (50, 31595), (52, 31622), (53, 31700), (57,

31817), (69, 32060),

Gene: OSmaximus_32 Start: 31060, Stop: 32406, Start Num: 2
Candidate Starts for OSmaximus_32:
(Start: 2 @31060 has 390 MA's), (6, 31099), (13, 31210), (16, 31249), (20, 31393), (27, 31480), (31, 31516), (33, 31549), (34, 31585), (35, 31615), (50, 31936), (52, 31963), (53, 32041), (57, 32158), (65, 32344), (69, 32401),

Gene: Obutu_32 Start: 30826, Stop: 32208, Start Num: 2
Candidate Starts for Obutu_32:
(Start: 2 @30826 has 390 MA's), (24, 31219), (29, 31279), (36, 31447), (43, 31648), (52, 31759),

Gene: Olak_31 Start: 30723, Stop: 32069, Start Num: 2
Candidate Starts for Olak_31:
(Start: 2 @30723 has 390 MA's), (6, 30762), (8, 30813), (13, 30873), (20, 31056), (27, 31143), (31, 31179), (33, 31212), (34, 31248), (35, 31278), (37, 31359), (50, 31599), (52, 31626), (53, 31704), (57, 31821), (69, 32064),

Gene: Oline_31 Start: 30588, Stop: 31934, Start Num: 2
Candidate Starts for Oline_31:
(Start: 2 @30588 has 390 MA's), (6, 30627), (8, 30678), (13, 30738), (20, 30921), (27, 31008), (31, 31044), (33, 31077), (34, 31113), (35, 31143), (37, 31224), (50, 31464), (52, 31491), (53, 31569), (57, 31686), (69, 31929),

Gene: Olive_32 Start: 31009, Stop: 32355, Start Num: 2
Candidate Starts for Olive_32:
(Start: 2 @31009 has 390 MA's), (6, 31048), (8, 31099), (13, 31159), (20, 31342), (27, 31429), (31, 31465), (33, 31498), (34, 31534), (35, 31564), (37, 31645), (50, 31885), (52, 31912), (53, 31990), (57, 32107), (69, 32350),

Gene: OliverWalter_32 Start: 31031, Stop: 32377, Start Num: 2
Candidate Starts for OliverWalter_32:
(Start: 2 @31031 has 390 MA's), (6, 31070), (8, 31121), (13, 31181), (20, 31364), (27, 31451), (31, 31487), (33, 31520), (34, 31556), (35, 31586), (37, 31667), (50, 31907), (52, 31934), (53, 32012), (57, 32129), (65, 32315), (69, 32372),

Gene: Olivio_31 Start: 30695, Stop: 32077, Start Num: 2
Candidate Starts for Olivio_31:
(Start: 2 @30695 has 390 MA's), (24, 31088), (29, 31148), (36, 31316), (43, 31517), (52, 31628),

Gene: Omniscient_32 Start: 31028, Stop: 32374, Start Num: 2
Candidate Starts for Omniscient_32:
(Start: 2 @31028 has 390 MA's), (6, 31067), (8, 31118), (13, 31178), (20, 31361), (27, 31448), (31, 31484), (33, 31517), (34, 31553), (35, 31583), (37, 31664), (50, 31904), (52, 31931), (53, 32009), (57, 32126), (69, 32369),

Gene: OneBrain_32 Start: 30727, Stop: 32073, Start Num: 2
Candidate Starts for OneBrain_32:
(Start: 2 @30727 has 390 MA's), (6, 30766), (13, 30877), (20, 31060), (27, 31147), (31, 31183), (33, 31216), (34, 31252), (35, 31282), (37, 31363), (50, 31603), (52, 31630), (53, 31708), (57, 31825), (69, 32068),

Gene: Oosterbaan_32 Start: 31019, Stop: 32365, Start Num: 2

Candidate Starts for Oosterbaan_32:
(Start: 2 @31019 has 390 MA's), (6, 31058), (13, 31169), (20, 31352), (27, 31439), (31, 31475), (33, 31508), (34, 31544), (35, 31574), (37, 31655), (50, 31895), (52, 31922), (53, 32000), (57, 32117), (69, 32360),

Gene: OrangeOswald_32 Start: 30843, Stop: 32225, Start Num: 2
Candidate Starts for OrangeOswald_32:
(Start: 2 @30843 has 390 MA's), (24, 31236), (29, 31296), (36, 31464), (43, 31665), (52, 31776),

Gene: Orfeu_31 Start: 30727, Stop: 32073, Start Num: 2
Candidate Starts for Orfeu_31:
(Start: 2 @30727 has 390 MA's), (6, 30766), (8, 30817), (13, 30877), (20, 31060), (27, 31147), (31, 31183), (33, 31216), (34, 31252), (35, 31282), (37, 31363), (50, 31603), (52, 31630), (53, 31708), (57, 31825), (69, 32068),

Gene: Orion_32 Start: 31017, Stop: 32363, Start Num: 2
Candidate Starts for Orion_32:
(Start: 2 @31017 has 390 MA's), (6, 31056), (8, 31107), (13, 31167), (20, 31350), (27, 31437), (31, 31473), (33, 31506), (34, 31542), (35, 31572), (37, 31653), (50, 31893), (52, 31920), (53, 31998), (57, 32115), (69, 32358),

Gene: Orwigg_31 Start: 30715, Stop: 32061, Start Num: 2
Candidate Starts for Orwigg_31:
(Start: 2 @30715 has 390 MA's), (6, 30754), (8, 30805), (13, 30865), (20, 31048), (27, 31135), (31, 31171), (33, 31204), (34, 31240), (35, 31270), (37, 31351), (50, 31591), (52, 31618), (53, 31696), (57, 31813), (69, 32056),

Gene: PG1_32 Start: 31030, Stop: 32376, Start Num: 2
Candidate Starts for PG1_32:
(Start: 2 @31030 has 390 MA's), (6, 31069), (8, 31120), (13, 31180), (20, 31363), (27, 31450), (31, 31486), (33, 31519), (34, 31555), (35, 31585), (37, 31666), (50, 31906), (52, 31933), (53, 32011), (57, 32128), (69, 32371),

Gene: Pacifista_31 Start: 30721, Stop: 32067, Start Num: 2
Candidate Starts for Pacifista_31:
(Start: 2 @30721 has 390 MA's), (6, 30760), (8, 30811), (13, 30871), (20, 31054), (27, 31141), (31, 31177), (33, 31210), (34, 31246), (35, 31276), (37, 31357), (50, 31597), (52, 31624), (53, 31702), (57, 31819), (69, 32062),

Gene: PallasAthena_31 Start: 30729, Stop: 32075, Start Num: 2
Candidate Starts for PallasAthena_31:
(Start: 2 @30729 has 390 MA's), (6, 30768), (8, 30819), (13, 30879), (20, 31062), (27, 31149), (31, 31185), (33, 31218), (34, 31254), (35, 31284), (37, 31365), (50, 31605), (52, 31632), (53, 31710), (57, 31827), (69, 32070),

Gene: Phaedrus_30 Start: 30759, Stop: 32141, Start Num: 2
Candidate Starts for Phaedrus_30:
(Start: 2 @30759 has 390 MA's), (24, 31152), (29, 31212), (36, 31380), (43, 31581), (52, 31692),

Gene: Phamished_32 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for Phamished_32:
(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 31901), (52, 31928), (53, 32006), (57,

32123), (69, 32366),

Gene: Phareon_32 Start: 30729, Stop: 32075, Start Num: 2
Candidate Starts for Phareon_32:
(Start: 2 @30729 has 390 MA's), (6, 30768), (8, 30819), (13, 30879), (20, 31062), (27, 31149), (31, 31185), (33, 31218), (34, 31254), (35, 31284), (37, 31365), (50, 31605), (52, 31632), (53, 31710), (57, 31827), (69, 32070),

Gene: PhatCats2014_32 Start: 31034, Stop: 32380, Start Num: 2
Candidate Starts for PhatCats2014_32:
(Start: 2 @31034 has 390 MA's), (6, 31073), (8, 31124), (13, 31184), (20, 31367), (27, 31454), (31, 31490), (33, 31523), (34, 31559), (35, 31589), (37, 31670), (50, 31910), (52, 31937), (53, 32015), (57, 32132), (69, 32375),

Gene: PhatLouie_32 Start: 31023, Stop: 32369, Start Num: 2
Candidate Starts for PhatLouie_32:
(Start: 2 @31023 has 390 MA's), (6, 31062), (8, 31113), (13, 31173), (20, 31356), (27, 31443), (31, 31479), (33, 31512), (34, 31548), (35, 31578), (37, 31659), (50, 31899), (52, 31926), (53, 32004), (57, 32121), (69, 32364),

Gene: Phayeta_32 Start: 30707, Stop: 32089, Start Num: 2
Candidate Starts for Phayeta_32:
(Start: 2 @30707 has 390 MA's), (24, 31100), (29, 31160), (36, 31328), (43, 31529), (46, 31577), (52, 31640), (70, 32081),

Gene: Phelemich_31 Start: 31501, Stop: 32856, Start Num: 2
Candidate Starts for Phelemich_31:
(Start: 2 @31501 has 390 MA's), (5, 31537), (7, 31588), (8, 31609), (14, 31690), (19, 31834), (32, 31963), (42, 32299), (44, 32317), (45, 32320), (58, 32617), (65, 32794), (67, 32830),

Gene: PhenghisKhan_31 Start: 30629, Stop: 31975, Start Num: 2
Candidate Starts for PhenghisKhan_31:
(Start: 2 @30629 has 390 MA's), (6, 30668), (8, 30719), (13, 30779), (20, 30962), (27, 31049), (31, 31085), (33, 31118), (34, 31154), (35, 31184), (37, 31265), (50, 31505), (52, 31532), (53, 31610), (57, 31727), (69, 31970),

Gene: Pherdinand_32 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for Pherdinand_32:
(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 31901), (52, 31928), (53, 32006), (57, 32123), (65, 32309), (69, 32366),

Gene: Phergie_31 Start: 30620, Stop: 31966, Start Num: 2
Candidate Starts for Phergie_31:
(Start: 2 @30620 has 390 MA's), (6, 30659), (8, 30710), (13, 30770), (20, 30953), (27, 31040), (31, 31076), (33, 31109), (34, 31145), (35, 31175), (37, 31256), (50, 31496), (52, 31523), (53, 31601), (57, 31718), (69, 31961),

Gene: Philly_31 Start: 30694, Stop: 32076, Start Num: 2
Candidate Starts for Philly_31:
(Start: 2 @30694 has 390 MA's), (24, 31087), (29, 31147), (36, 31315), (43, 31516), (52, 31627),

Gene: Phipps_32 Start: 30995, Stop: 32341, Start Num: 2

Candidate Starts for Phipps_32:
(Start: 2 @30995 has 390 MA's), (6, 31034), (8, 31085), (13, 31145), (20, 31328), (27, 31415), (31, 31451), (33, 31484), (34, 31520), (35, 31550), (37, 31631), (50, 31871), (52, 31898), (53, 31976), (57, 32093), (69, 32336),

Gene: Phleuron_31 Start: 30626, Stop: 31972, Start Num: 2
Candidate Starts for Phleuron_31:
(Start: 2 @30626 has 390 MA's), (6, 30665), (8, 30716), (13, 30776), (20, 30959), (27, 31046), (31, 31082), (33, 31115), (34, 31151), (35, 31181), (37, 31262), (50, 31502), (52, 31529), (53, 31607), (57, 31724), (69, 31967),

Gene: Phlyer_32 Start: 31578, Stop: 32960, Start Num: 2
Candidate Starts for Phlyer_32:
(Start: 2 @31578 has 390 MA's), (9, 31695), (24, 31971), (29, 32031), (36, 32199), (43, 32400), (52, 32511),

Gene: PhrankReynolds_31 Start: 30626, Stop: 31972, Start Num: 2
Candidate Starts for PhrankReynolds_31:
(Start: 2 @30626 has 390 MA's), (6, 30665), (8, 30716), (13, 30776), (20, 30959), (27, 31046), (31, 31082), (33, 31115), (34, 31151), (35, 31181), (37, 31262), (50, 31502), (52, 31529), (53, 31607), (57, 31724), (69, 31967),

Gene: PhrodoBaggins_31 Start: 31013, Stop: 32359, Start Num: 2
Candidate Starts for PhrodoBaggins_31:
(Start: 2 @31013 has 390 MA's), (6, 31052), (8, 31103), (13, 31163), (20, 31346), (27, 31433), (31, 31469), (33, 31502), (34, 31538), (35, 31568), (37, 31649), (50, 31889), (52, 31916), (53, 31994), (57, 32111), (69, 32354),

Gene: Phunky_32 Start: 31026, Stop: 32372, Start Num: 2
Candidate Starts for Phunky_32:
(Start: 2 @31026 has 390 MA's), (6, 31065), (8, 31116), (13, 31176), (20, 31359), (27, 31446), (31, 31482), (33, 31515), (34, 31551), (35, 31581), (37, 31662), (50, 31902), (52, 31929), (53, 32007), (57, 32124), (69, 32367),

Gene: Piglet_0031 Start: 31025, Stop: 32479, Start Num: 2
Candidate Starts for Piglet_0031:
(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 32009), (52, 32036), (53, 32114), (57, 32231), (69, 32474),

Gene: PinheadLarry_32 Start: 30739, Stop: 32085, Start Num: 2
Candidate Starts for PinheadLarry_32:
(Start: 2 @30739 has 390 MA's), (6, 30778), (13, 30889), (20, 31072), (27, 31159), (31, 31195), (33, 31228), (34, 31264), (35, 31294), (37, 31375), (50, 31615), (52, 31642), (53, 31720), (57, 31837), (69, 32080),

Gene: Pinkman_31 Start: 30582, Stop: 31928, Start Num: 2
Candidate Starts for Pinkman_31:
(Start: 2 @30582 has 390 MA's), (6, 30621), (13, 30732), (20, 30915), (27, 31002), (31, 31038), (33, 31071), (34, 31107), (35, 31137), (37, 31218), (50, 31458), (52, 31485), (53, 31563), (57, 31680), (69, 31923),

Gene: Pipefish_33 Start: 32235, Stop: 33617, Start Num: 2

Candidate Starts for Pipefish_33:
(Start: 2 @32235 has 390 MA's), (9, 32352), (24, 32628), (29, 32688), (36, 32856), (43, 33057), (52, 33168), (55, 33294), (70, 33609),

Gene: Pipsqueak_32 Start: 31024, Stop: 32370, Start Num: 2
Candidate Starts for Pipsqueak_32:
(Start: 2 @31024 has 390 MA's), (6, 31063), (13, 31174), (20, 31357), (27, 31444), (31, 31480), (33, 31513), (34, 31549), (35, 31579), (37, 31660), (50, 31900), (52, 31927), (53, 32005), (57, 32122), (69, 32365),

Gene: Placalicious_31 Start: 30717, Stop: 32063, Start Num: 2
Candidate Starts for Placalicious_31:
(Start: 2 @30717 has 390 MA's), (6, 30756), (8, 30807), (13, 30867), (20, 31050), (27, 31137), (31, 31173), (33, 31206), (34, 31242), (35, 31272), (37, 31353), (50, 31593), (52, 31620), (53, 31698), (57, 31815), (69, 32058),

Gene: Plata_31 Start: 30738, Stop: 32084, Start Num: 2
Candidate Starts for Plata_31:
(Start: 2 @30738 has 390 MA's), (6, 30777), (13, 30888), (20, 31071), (27, 31158), (31, 31194), (33, 31227), (34, 31263), (35, 31293), (50, 31614), (52, 31641), (53, 31719), (57, 31836), (65, 32022), (69, 32079),

Gene: Plmatters_32 Start: 31022, Stop: 32368, Start Num: 2
Candidate Starts for Plmatters_32:
(Start: 2 @31022 has 390 MA's), (6, 31061), (8, 31112), (13, 31172), (20, 31355), (27, 31442), (31, 31478), (33, 31511), (34, 31547), (35, 31577), (37, 31658), (50, 31898), (52, 31925), (53, 32003), (57, 32120), (69, 32363),

Gene: Podrick_32 Start: 31014, Stop: 32360, Start Num: 2
Candidate Starts for Podrick_32:
(Start: 2 @31014 has 390 MA's), (6, 31053), (8, 31104), (13, 31164), (20, 31347), (27, 31434), (31, 31470), (33, 31503), (34, 31539), (35, 31569), (37, 31650), (50, 31890), (52, 31917), (53, 31995), (57, 32112), (69, 32355),

Gene: Pops_32 Start: 31037, Stop: 32383, Start Num: 2
Candidate Starts for Pops_32:
(Start: 2 @31037 has 390 MA's), (6, 31076), (13, 31187), (20, 31370), (27, 31457), (31, 31493), (33, 31526), (34, 31562), (35, 31592), (50, 31913), (52, 31940), (53, 32018), (57, 32135), (65, 32321), (69, 32378),

Gene: Poster_28 Start: 30238, Stop: 31578, Start Num: 2
Candidate Starts for Poster_28:
(1, 29887), (Start: 2 @30238 has 390 MA's), (7, 30307), (8, 30328), (11, 30361), (18, 30544), (19, 30553), (25, 30622), (38, 30871), (47, 31090), (53, 31207), (56, 31267), (59, 31369), (67, 31549), (68, 31555),

Gene: Potter_31 Start: 30738, Stop: 32084, Start Num: 2
Candidate Starts for Potter_31:
(Start: 2 @30738 has 390 MA's), (6, 30777), (8, 30828), (13, 30888), (20, 31071), (27, 31158), (31, 31194), (33, 31227), (34, 31263), (35, 31293), (37, 31374), (50, 31614), (52, 31641), (53, 31719), (57, 31836), (69, 32079),

Gene: Predator_34 Start: 29018, Stop: 30358, Start Num: 2

Candidate Starts for Predator_34:
(Start: 2 @29018 has 390 MA's), (3, 29024), (10, 29135), (19, 29330), (26, 29396), (32, 29450), (48, 29870), (49, 29876), (67, 30332),

Gene: Prickles_32 Start: 31014, Stop: 32360, Start Num: 2
Candidate Starts for Prickles_32:
(Start: 2 @31014 has 390 MA's), (6, 31053), (8, 31104), (13, 31164), (20, 31347), (27, 31434), (31, 31470), (33, 31503), (34, 31539), (35, 31569), (37, 31650), (50, 31890), (52, 31917), (53, 31995), (57, 32112), (65, 32298), (69, 32355),

Gene: Prince_29 Start: 31421, Stop: 32758, Start Num: 2
Candidate Starts for Prince_29:
(1, 31070), (Start: 2 @31421 has 390 MA's), (7, 31490), (8, 31511), (11, 31544), (17, 31706), (18, 31727), (19, 31736), (25, 31805), (38, 32054), (47, 32273), (56, 32450), (65, 32696), (67, 32732), (68, 32738), (69, 32753),

Gene: ProfessorX_32 Start: 31009, Stop: 32355, Start Num: 2
Candidate Starts for ProfessorX_32:
(Start: 2 @31009 has 390 MA's), (6, 31048), (8, 31099), (13, 31159), (20, 31342), (27, 31429), (31, 31465), (33, 31498), (34, 31534), (35, 31564), (37, 31645), (50, 31885), (52, 31912), (53, 31990), (57, 32107), (69, 32350),

Gene: Puhltonio_32 Start: 31029, Stop: 32375, Start Num: 2
Candidate Starts for Puhltonio_32:
(Start: 2 @31029 has 390 MA's), (6, 31068), (8, 31119), (13, 31179), (20, 31362), (27, 31449), (31, 31485), (33, 31518), (34, 31554), (35, 31584), (37, 31665), (50, 31905), (52, 31932), (53, 32010), (57, 32127), (69, 32370),

Gene: QueenBeane_32 Start: 31020, Stop: 32366, Start Num: 2
Candidate Starts for QueenBeane_32:
(Start: 2 @31020 has 390 MA's), (6, 31059), (8, 31110), (13, 31170), (20, 31353), (27, 31440), (31, 31476), (33, 31509), (34, 31545), (35, 31575), (37, 31656), (50, 31896), (52, 31923), (53, 32001), (57, 32118), (69, 32361),

Gene: QueenPie_28 Start: 31362, Stop: 32702, Start Num: 2
Candidate Starts for QueenPie_28:
(Start: 2 @31362 has 390 MA's), (7, 31431), (8, 31452), (11, 31485), (18, 31668), (19, 31677), (25, 31746), (38, 31995), (47, 32214), (53, 32331), (56, 32391), (59, 32493), (67, 32673),

Gene: Quisquiliae_32 Start: 31048, Stop: 32394, Start Num: 2
Candidate Starts for Quisquiliae_32:
(Start: 2 @31048 has 390 MA's), (6, 31087), (8, 31138), (13, 31198), (20, 31381), (27, 31468), (31, 31504), (33, 31537), (34, 31573), (35, 31603), (37, 31684), (50, 31924), (52, 31951), (53, 32029), (57, 32146), (65, 32332), (69, 32389),

Gene: RagingRooster_32 Start: 30844, Stop: 32226, Start Num: 2
Candidate Starts for RagingRooster_32:
(Start: 2 @30844 has 390 MA's), (24, 31237), (29, 31297), (36, 31465), (43, 31666), (52, 31777),

Gene: RawrgerThat_29 Start: 31264, Stop: 32604, Start Num: 2
Candidate Starts for RawrgerThat_29:
(Start: 2 @31264 has 390 MA's), (8, 31354), (17, 31549), (18, 31570), (19, 31579), (38, 31900), (45, 32068), (47, 32119), (56, 32296), (65, 32542), (67, 32578), (68, 32584), (69, 32599),

Gene: Reccee_31 Start: 31441, Stop: 32769, Start Num: 2
Candidate Starts for Reccee_31:
(Start: 2 @31441 has 390 MA's), (7, 31513), (19, 31759), (30, 31867), (42, 32212), (45, 32233), (58, 32530),

Gene: RedMaple_31 Start: 31027, Stop: 32373, Start Num: 2
Candidate Starts for RedMaple_31:
(Start: 2 @31027 has 390 MA's), (6, 31066), (8, 31117), (13, 31177), (20, 31360), (27, 31447), (31, 31483), (33, 31516), (34, 31552), (35, 31582), (37, 31663), (50, 31903), (52, 31930), (53, 32008), (57, 32125), (65, 32311), (69, 32368),

Gene: RedRaider89_33 Start: 31247, Stop: 32593, Start Num: 2
Candidate Starts for RedRaider89_33:
(Start: 2 @31247 has 390 MA's), (6, 31286), (8, 31337), (13, 31397), (20, 31580), (27, 31667), (31, 31703), (33, 31736), (34, 31772), (35, 31802), (37, 31883), (50, 32123), (52, 32150), (53, 32228), (57, 32345), (65, 32531), (69, 32588),

Gene: Renkei_28 Start: 30269, Stop: 31609, Start Num: 2
Candidate Starts for Renkei_28:
(1, 29918), (Start: 2 @30269 has 390 MA's), (7, 30338), (8, 30359), (11, 30392), (18, 30575), (19, 30584), (25, 30653), (38, 30902), (47, 31121), (53, 31238), (56, 31298), (59, 31400), (65, 31544), (67, 31580),

Gene: Reprobate_31 Start: 31506, Stop: 32861, Start Num: 2
Candidate Starts for Reprobate_31:
(Start: 2 @31506 has 390 MA's), (5, 31542), (7, 31593), (8, 31614), (14, 31695), (19, 31839), (32, 31968), (42, 32304), (44, 32322), (45, 32325), (58, 32622), (65, 32799), (67, 32835),

Gene: Rich_30 Start: 30991, Stop: 32367, Start Num: 2
Candidate Starts for Rich_30:
(Start: 2 @30991 has 390 MA's), (7, 31063), (8, 31084), (13, 31144), (15, 31171), (17, 31279), (19, 31309), (39, 31741), (45, 31831), (58, 32128),

Gene: Ricotta_31 Start: 30747, Stop: 32093, Start Num: 2
Candidate Starts for Ricotta_31:
(Start: 2 @30747 has 390 MA's), (6, 30786), (8, 30837), (13, 30897), (20, 31080), (27, 31167), (31, 31203), (33, 31236), (34, 31272), (35, 31302), (37, 31383), (50, 31623), (52, 31650), (53, 31728), (57, 31845), (69, 32088),

Gene: Riggan_32 Start: 31006, Stop: 32352, Start Num: 2
Candidate Starts for Riggan_32:
(Start: 2 @31006 has 390 MA's), (6, 31045), (8, 31096), (13, 31156), (20, 31339), (27, 31426), (31, 31462), (33, 31495), (34, 31531), (35, 31561), (37, 31642), (50, 31882), (52, 31909), (53, 31987), (57, 32104), (69, 32347),

Gene: Rimu_32 Start: 30755, Stop: 32101, Start Num: 2
Candidate Starts for Rimu_32:
(Start: 2 @30755 has 390 MA's), (6, 30794), (13, 30905), (20, 31088), (27, 31175), (31, 31211), (33, 31244), (34, 31280), (35, 31310), (50, 31631), (52, 31658), (53, 31736), (57, 31853), (69, 32096),

Gene: Rita130_31 Start: 31261, Stop: 32589, Start Num: 2
Candidate Starts for Rita130_31:

(Start: 2 @31261 has 390 MA's), (7, 31333), (19, 31579), (30, 31687), (42, 32032), (45, 32053), (58, 32350),

Gene: Rita1961_32 Start: 30827, Stop: 32209, Start Num: 2
Candidate Starts for Rita1961_32:
(Start: 2 @30827 has 390 MA's), (24, 31220), (29, 31280), (36, 31448), (43, 31649), (52, 31760),

Gene: Riverton_32 Start: 31027, Stop: 32373, Start Num: 2
Candidate Starts for Riverton_32:
(Start: 2 @31027 has 390 MA's), (6, 31066), (8, 31117), (13, 31177), (20, 31360), (27, 31447), (31, 31483), (33, 31516), (34, 31552), (35, 31582), (37, 31663), (50, 31903), (52, 31930), (53, 32008), (57, 32125), (65, 32311), (69, 32368),

Gene: Robyn_31 Start: 30591, Stop: 31937, Start Num: 2
Candidate Starts for Robyn_31:
(Start: 2 @30591 has 390 MA's), (6, 30630), (8, 30681), (13, 30741), (20, 30924), (27, 31011), (31, 31047), (33, 31080), (34, 31116), (35, 31146), (37, 31227), (50, 31467), (52, 31494), (53, 31572), (57, 31689), (65, 31875), (69, 31932),

Gene: Roliet_32 Start: 31016, Stop: 32362, Start Num: 2
Candidate Starts for Roliet_32:
(Start: 2 @31016 has 390 MA's), (6, 31055), (8, 31106), (13, 31166), (20, 31349), (27, 31436), (31, 31472), (33, 31505), (34, 31541), (35, 31571), (37, 31652), (50, 31892), (52, 31919), (53, 31997), (57, 32114), (65, 32300), (69, 32357),

Gene: RomaT_32 Start: 31617, Stop: 32999, Start Num: 2
Candidate Starts for RomaT_32:
(Start: 2 @31617 has 390 MA's), (24, 32010), (29, 32070), (36, 32238), (43, 32439), (52, 32550),

Gene: Roscoe_33 Start: 31254, Stop: 32600, Start Num: 2
Candidate Starts for Roscoe_33:
(Start: 2 @31254 has 390 MA's), (6, 31293), (8, 31344), (13, 31404), (20, 31587), (27, 31674), (31, 31710), (33, 31743), (34, 31779), (35, 31809), (37, 31890), (50, 32130), (52, 32157), (53, 32235), (57, 32352), (69, 32595),

Gene: Roy17_32 Start: 30720, Stop: 32066, Start Num: 2
Candidate Starts for Roy17_32:
(Start: 2 @30720 has 390 MA's), (6, 30759), (8, 30810), (13, 30870), (20, 31053), (27, 31140), (31, 31176), (33, 31209), (34, 31245), (35, 31275), (37, 31356), (50, 31596), (52, 31623), (53, 31701), (57, 31818), (69, 32061),

Gene: SDcharge11_32 Start: 30994, Stop: 32340, Start Num: 2
Candidate Starts for SDcharge11_32:
(Start: 2 @30994 has 390 MA's), (6, 31033), (8, 31084), (13, 31144), (20, 31327), (27, 31414), (31, 31450), (33, 31483), (34, 31519), (35, 31549), (37, 31630), (50, 31870), (52, 31897), (53, 31975), (57, 32092), (65, 32278), (69, 32335),

Gene: Salazzle_32 Start: 30596, Stop: 31942, Start Num: 2
Candidate Starts for Salazzle_32:
(Start: 2 @30596 has 390 MA's), (6, 30635), (8, 30686), (13, 30746), (20, 30929), (27, 31016), (31, 31052), (33, 31085), (34, 31121), (35, 31151), (37, 31232), (50, 31472), (52, 31499), (53, 31577), (57, 31694), (69, 31937),

Gene: SallyH_32 Start: 31030, Stop: 32376, Start Num: 2
Candidate Starts for SallyH_32:
(Start: 2 @31030 has 390 MA's), (6, 31069), (8, 31120), (13, 31180), (20, 31363), (27, 31450), (31, 31486), (33, 31519), (34, 31555), (35, 31585), (37, 31666), (50, 31906), (52, 31933), (53, 32011), (57, 32128), (65, 32314), (69, 32371),

Gene: Samaymay_32 Start: 31020, Stop: 32366, Start Num: 2
Candidate Starts for Samaymay_32:
(Start: 2 @31020 has 390 MA's), (6, 31059), (8, 31110), (13, 31170), (20, 31353), (27, 31440), (31, 31476), (33, 31509), (34, 31545), (35, 31575), (37, 31656), (50, 31896), (52, 31923), (53, 32001), (57, 32118), (69, 32361),

Gene: SassyCat97_31 Start: 30726, Stop: 32072, Start Num: 2
Candidate Starts for SassyCat97_31:
(Start: 2 @30726 has 390 MA's), (6, 30765), (8, 30816), (13, 30876), (20, 31059), (27, 31146), (31, 31182), (33, 31215), (34, 31251), (35, 31281), (37, 31362), (50, 31602), (52, 31629), (53, 31707), (57, 31824), (69, 32067),

Gene: Schadenfreude_31 Start: 30577, Stop: 31923, Start Num: 2
Candidate Starts for Schadenfreude_31:
(Start: 2 @30577 has 390 MA's), (6, 30616), (8, 30667), (13, 30727), (20, 30910), (27, 30997), (31, 31033), (33, 31066), (34, 31102), (35, 31132), (37, 31213), (50, 31453), (52, 31480), (53, 31558), (57, 31675), (65, 31861), (69, 31918),

Gene: Schueller_31 Start: 30741, Stop: 32087, Start Num: 2
Candidate Starts for Schueller_31:
(Start: 2 @30741 has 390 MA's), (6, 30780), (8, 30831), (13, 30891), (20, 31074), (27, 31161), (31, 31197), (33, 31230), (34, 31266), (35, 31296), (37, 31377), (50, 31617), (52, 31644), (53, 31722), (57, 31839), (69, 32082),

Gene: Scoot17C_32 Start: 31019, Stop: 32365, Start Num: 2
Candidate Starts for Scoot17C_32:
(Start: 2 @31019 has 390 MA's), (6, 31058), (8, 31109), (13, 31169), (20, 31352), (27, 31439), (31, 31475), (33, 31508), (34, 31544), (35, 31574), (37, 31655), (50, 31895), (52, 31922), (53, 32000), (57, 32117), (69, 32360),

Gene: Scrick_32 Start: 30744, Stop: 32090, Start Num: 2
Candidate Starts for Scrick_32:
(Start: 2 @30744 has 390 MA's), (6, 30783), (8, 30834), (13, 30894), (20, 31077), (27, 31164), (31, 31200), (33, 31233), (34, 31269), (35, 31299), (37, 31380), (50, 31620), (52, 31647), (53, 31725), (57, 31842), (69, 32085),

Gene: Selr12_32 Start: 30748, Stop: 32094, Start Num: 2
Candidate Starts for Selr12_32:
(Start: 2 @30748 has 390 MA's), (6, 30787), (13, 30898), (20, 31081), (27, 31168), (31, 31204), (33, 31237), (34, 31273), (35, 31303), (37, 31384), (50, 31624), (52, 31651), (53, 31729), (57, 31846), (69, 32089),

Gene: Septica_31 Start: 31030, Stop: 32376, Start Num: 2
Candidate Starts for Septica_31:
(Start: 2 @31030 has 390 MA's), (6, 31069), (8, 31120), (13, 31180), (20, 31363), (27, 31450), (31, 31486), (33, 31519), (34, 31555), (35, 31585), (37, 31666), (50, 31906), (52, 31933), (53, 32011), (57, 32128), (65, 32314), (69, 32371),

Gene: Serendipitous_30 Start: 31049, Stop: 32443, Start Num: 2
Candidate Starts for Serendipitous_30:
(1, 30707), (Start: 2 @31049 has 390 MA's), (4, 31061), (7, 31136), (8, 31157), (15, 31244), (19, 31382), (25, 31472), (32, 31532), (42, 31886), (43, 31889), (45, 31907), (58, 32204),

Gene: Serendipity_32 Start: 31044, Stop: 32390, Start Num: 2
Candidate Starts for Serendipity_32:
(Start: 2 @31044 has 390 MA's), (6, 31083), (8, 31134), (13, 31194), (16, 31233), (20, 31377), (27, 31464), (31, 31500), (33, 31533), (34, 31569), (35, 31599), (37, 31680), (50, 31920), (52, 31947), (53, 32025), (57, 32142), (69, 32385),

Gene: Serpentine_0032 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for Serpentine_0032:
(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 31901), (52, 31928), (53, 32006), (57, 32123), (69, 32366),

Gene: ShadowBud_32 Start: 31045, Stop: 32391, Start Num: 2
Candidate Starts for ShadowBud_32:
(Start: 2 @31045 has 390 MA's), (6, 31084), (8, 31135), (13, 31195), (20, 31378), (27, 31465), (31, 31501), (33, 31534), (34, 31570), (35, 31600), (37, 31681), (50, 31921), (52, 31948), (53, 32026), (57, 32143), (65, 32329), (69, 32386),

Gene: Sheila_32 Start: 31017, Stop: 32408, Start Num: 2
Candidate Starts for Sheila_32:
(Start: 2 @31017 has 390 MA's), (6, 31056), (8, 31107), (13, 31167), (20, 31350), (27, 31437), (31, 31473), (33, 31506), (34, 31542), (35, 31572), (37, 31653), (50, 31938), (52, 31965), (53, 32043), (57, 32160), (65, 32346), (69, 32403),

Gene: Shenandoah_32 Start: 30816, Stop: 32198, Start Num: 2
Candidate Starts for Shenandoah_32:
(Start: 2 @30816 has 390 MA's), (24, 31209), (29, 31269), (36, 31437), (43, 31638), (52, 31749),

Gene: Shenyu_31 Start: 31201, Stop: 32544, Start Num: 2
Candidate Starts for Shenyu_31:
(Start: 2 @31201 has 390 MA's), (4, 31213), (7, 31288), (8, 31309), (15, 31396), (19, 31534), (21, 31552), (22, 31567), (42, 31987), (45, 32008), (58, 32305),

Gene: ShiVal_32 Start: 31018, Stop: 32364, Start Num: 2
Candidate Starts for ShiVal_32:
(Start: 2 @31018 has 390 MA's), (6, 31057), (8, 31108), (13, 31168), (20, 31351), (27, 31438), (31, 31474), (33, 31507), (34, 31543), (35, 31573), (37, 31654), (50, 31894), (52, 31921), (53, 31999), (57, 32116), (69, 32359),

Gene: Sigman_32 Start: 31010, Stop: 32356, Start Num: 2
Candidate Starts for Sigman_32:
(Start: 2 @31010 has 390 MA's), (6, 31049), (8, 31100), (13, 31160), (20, 31343), (27, 31430), (31, 31466), (33, 31499), (34, 31535), (35, 31565), (37, 31646), (50, 31886), (52, 31913), (53, 31991), (57, 32108), (69, 32351),

Gene: SilverBell_32 Start: 31040, Stop: 32386, Start Num: 2
Candidate Starts for SilverBell_32:

(Start: 2 @31040 has 390 MA's), (6, 31079), (13, 31190), (16, 31229), (20, 31373), (27, 31460), (31, 31496), (33, 31529), (34, 31565), (35, 31595), (37, 31676), (50, 31916), (52, 31943), (53, 32021), (57, 32138), (69, 32381),

Gene: Simielle_31 Start: 30713, Stop: 32059, Start Num: 2
Candidate Starts for Simielle_31:
(Start: 2 @30713 has 390 MA's), (6, 30752), (8, 30803), (13, 30863), (20, 31046), (27, 31133), (31, 31169), (33, 31202), (34, 31238), (35, 31268), (37, 31349), (50, 31589), (52, 31616), (53, 31694), (57, 31811), (69, 32054),

Gene: SirBeauregard_32 Start: 30717, Stop: 32063, Start Num: 2
Candidate Starts for SirBeauregard_32:
(Start: 2 @30717 has 390 MA's), (6, 30756), (13, 30867), (16, 30906), (20, 31050), (27, 31137), (31, 31173), (33, 31206), (34, 31242), (35, 31272), (37, 31353), (50, 31593), (52, 31620), (53, 31698), (57, 31815), (65, 32001), (69, 32058),

Gene: SirJeffery_31 Start: 31260, Stop: 32588, Start Num: 2
Candidate Starts for SirJeffery_31:
(Start: 2 @31260 has 390 MA's), (7, 31332), (19, 31578), (30, 31686), (42, 32031), (45, 32052), (58, 32349),

Gene: Skippy_32 Start: 31008, Stop: 32354, Start Num: 2
Candidate Starts for Skippy_32:
(Start: 2 @31008 has 390 MA's), (6, 31047), (8, 31098), (13, 31158), (20, 31341), (27, 31428), (31, 31464), (33, 31497), (34, 31533), (35, 31563), (37, 31644), (50, 31884), (52, 31911), (53, 31989), (57, 32106), (69, 32349),

Gene: Slatt_32 Start: 31033, Stop: 32379, Start Num: 2
Candidate Starts for Slatt_32:
(Start: 2 @31033 has 390 MA's), (6, 31072), (8, 31123), (13, 31183), (20, 31366), (27, 31453), (31, 31489), (33, 31522), (34, 31558), (35, 31588), (37, 31669), (50, 31909), (52, 31936), (53, 32014), (57, 32131), (69, 32374),

Gene: SlippinJimmy_32 Start: 31605, Stop: 32987, Start Num: 2
Candidate Starts for SlippinJimmy_32:
(Start: 2 @31605 has 390 MA's), (24, 31998), (29, 32058), (36, 32226), (43, 32427), (52, 32538),

Gene: Soile_32 Start: 30740, Stop: 32086, Start Num: 2
Candidate Starts for Soile_32:
(Start: 2 @30740 has 390 MA's), (6, 30779), (8, 30830), (13, 30890), (20, 31073), (27, 31160), (31, 31196), (33, 31229), (34, 31265), (35, 31295), (37, 31376), (50, 31616), (52, 31643), (53, 31721), (57, 31838), (69, 32081),

Gene: Solosis_31 Start: 30735, Stop: 32081, Start Num: 2
Candidate Starts for Solosis_31:
(Start: 2 @30735 has 390 MA's), (6, 30774), (13, 30885), (16, 30924), (20, 31068), (27, 31155), (31, 31191), (33, 31224), (34, 31260), (35, 31290), (37, 31371), (50, 31611), (52, 31638), (53, 31716), (57, 31833), (69, 32076),

Gene: Sophia_31 Start: 30735, Stop: 32081, Start Num: 2
Candidate Starts for Sophia_31:
(Start: 2 @30735 has 390 MA's), (6, 30774), (13, 30885), (16, 30924), (20, 31068), (27, 31155), (31, 31191), (33, 31224), (34, 31260), (35, 31290), (37, 31371), (50, 31611), (52, 31638), (53, 31716), (57,

31833), (69, 32076),

Gene: Soto_32 Start: 31028, Stop: 32374, Start Num: 2
Candidate Starts for Soto_32:
(Start: 2 @31028 has 390 MA's), (6, 31067), (8, 31118), (13, 31178), (20, 31361), (27, 31448), (31, 31484), (33, 31517), (34, 31553), (35, 31583), (37, 31664), (50, 31904), (52, 31931), (53, 32009), (57, 32126), (65, 32312), (69, 32369),

Gene: Spartan300_32 Start: 31014, Stop: 32360, Start Num: 2
Candidate Starts for Spartan300_32:
(Start: 2 @31014 has 390 MA's), (6, 31053), (8, 31104), (13, 31164), (20, 31347), (27, 31434), (31, 31470), (33, 31503), (34, 31539), (35, 31569), (37, 31650), (50, 31890), (52, 31917), (53, 31995), (57, 32112), (69, 32355),

Gene: Squid_32 Start: 30726, Stop: 32072, Start Num: 2
Candidate Starts for Squid_32:
(Start: 2 @30726 has 390 MA's), (6, 30765), (8, 30816), (13, 30876), (20, 31059), (27, 31146), (31, 31182), (33, 31215), (34, 31251), (35, 31281), (37, 31362), (50, 31602), (52, 31629), (53, 31707), (57, 31824), (69, 32067),

Gene: Squiggle_32 Start: 30738, Stop: 32084, Start Num: 2
Candidate Starts for Squiggle_32:
(Start: 2 @30738 has 390 MA's), (6, 30777), (13, 30888), (20, 31071), (27, 31158), (31, 31194), (33, 31227), (34, 31263), (35, 31293), (37, 31374), (50, 31614), (52, 31641), (53, 31719), (57, 31836), (69, 32079),

Gene: Stinger_27 Start: 29839, Stop: 31179, Start Num: 2
Candidate Starts for Stinger_27:
(Start: 2 @29839 has 390 MA's), (7, 29908), (8, 29929), (12, 29974), (17, 30124), (18, 30145), (19, 30154), (28, 30253), (29, 30271), (45, 30640), (47, 30691), (53, 30808), (56, 30868), (59, 30970), (67, 31150), (68, 31156), (69, 31171),

Gene: StinkyVeggy_33 Start: 31391, Stop: 32734, Start Num: 2
Candidate Starts for StinkyVeggy_33:
(Start: 2 @31391 has 390 MA's), (4, 31403), (7, 31478), (8, 31499), (15, 31586), (19, 31724), (22, 31757), (41, 32162), (42, 32177), (45, 32198),

Gene: Struggle_31 Start: 30576, Stop: 31922, Start Num: 2
Candidate Starts for Struggle_31:
(Start: 2 @30576 has 390 MA's), (6, 30615), (13, 30726), (20, 30909), (27, 30996), (31, 31032), (33, 31065), (34, 31101), (35, 31131), (37, 31212), (50, 31452), (52, 31479), (53, 31557), (57, 31674), (69, 31917),

Gene: Suffolk_32 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for Suffolk_32:
(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 31901), (52, 31928), (53, 32006), (57, 32123), (65, 32309), (69, 32366),

Gene: Suigeneris_31 Start: 31263, Stop: 32591, Start Num: 2
Candidate Starts for Suigeneris_31:
(Start: 2 @31263 has 390 MA's), (7, 31335), (19, 31581), (30, 31689), (42, 32034), (45, 32055), (58, 32352),

Gene: Surely_32 Start: 31028, Stop: 32374, Start Num: 2
Candidate Starts for Surely_32:
(Start: 2 @31028 has 390 MA's), (6, 31067), (8, 31118), (13, 31178), (20, 31361), (27, 31448), (31, 31484), (33, 31517), (34, 31553), (35, 31583), (37, 31664), (50, 31904), (52, 31931), (53, 32009), (57, 32126), (69, 32369),

Gene: SwainyDoc_32 Start: 30838, Stop: 32220, Start Num: 2
Candidate Starts for SwainyDoc_32:
(Start: 2 @30838 has 390 MA's), (24, 31231), (29, 31291), (36, 31459), (43, 31660), (52, 31771),

Gene: Swiphy_32 Start: 31023, Stop: 32369, Start Num: 2
Candidate Starts for Swiphy_32:
(Start: 2 @31023 has 390 MA's), (6, 31062), (8, 31113), (13, 31173), (20, 31356), (27, 31443), (31, 31479), (33, 31512), (34, 31548), (35, 31578), (37, 31659), (50, 31899), (52, 31926), (53, 32004), (57, 32121), (69, 32364),

Gene: Swish_32 Start: 31011, Stop: 32357, Start Num: 2
Candidate Starts for Swish_32:
(Start: 2 @31011 has 390 MA's), (6, 31050), (8, 31101), (13, 31161), (20, 31344), (27, 31431), (31, 31467), (33, 31500), (34, 31536), (35, 31566), (37, 31647), (50, 31887), (52, 31914), (53, 31992), (57, 32109), (65, 32295), (69, 32352),

Gene: SynergyX_32 Start: 30844, Stop: 32226, Start Num: 2
Candidate Starts for SynergyX_32:
(Start: 2 @30844 has 390 MA's), (24, 31237), (29, 31297), (36, 31465), (43, 31666), (52, 31777),

Gene: TallGrassMM_32 Start: 30650, Stop: 31996, Start Num: 2
Candidate Starts for TallGrassMM_32:
(Start: 2 @30650 has 390 MA's), (6, 30689), (13, 30800), (16, 30839), (20, 30983), (27, 31070), (31, 31106), (33, 31139), (34, 31175), (35, 31205), (37, 31286), (50, 31526), (52, 31553), (53, 31631), (57, 31748), (69, 31991),

Gene: Taraxa_31 Start: 30235, Stop: 31581, Start Num: 2
Candidate Starts for Taraxa_31:
(Start: 2 @30235 has 390 MA's), (6, 30274), (13, 30385), (16, 30424), (20, 30568), (27, 30655), (31, 30691), (33, 30724), (34, 30760), (35, 30790), (50, 31111), (52, 31138), (53, 31216), (57, 31333), (69, 31576),

Gene: Telesworld_31 Start: 30722, Stop: 32068, Start Num: 2
Candidate Starts for Telesworld_31:
(Start: 2 @30722 has 390 MA's), (6, 30761), (8, 30812), (13, 30872), (20, 31055), (27, 31142), (31, 31178), (33, 31211), (34, 31247), (35, 31277), (37, 31358), (50, 31598), (52, 31625), (53, 31703), (57, 31820), (69, 32063),

Gene: Thora_32 Start: 31027, Stop: 32373, Start Num: 2
Candidate Starts for Thora_32:
(Start: 2 @31027 has 390 MA's), (6, 31066), (8, 31117), (13, 31177), (20, 31360), (27, 31447), (31, 31483), (33, 31516), (34, 31552), (35, 31582), (37, 31663), (50, 31903), (52, 31930), (53, 32008), (57, 32125), (69, 32368),

Gene: ThreeOh3D2_32 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for ThreeOh3D2_32:

(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 31901), (52, 31928), (53, 32006), (57, 32123), (69, 32366),

Gene: Thunderbird_31 Start: 30731, Stop: 32077, Start Num: 2
Candidate Starts for Thunderbird_31:
(Start: 2 @30731 has 390 MA's), (6, 30770), (13, 30881), (16, 30920), (20, 31064), (27, 31151), (31, 31187), (33, 31220), (34, 31256), (35, 31286), (37, 31367), (50, 31607), (52, 31634), (53, 31712), (57, 31829), (65, 32015), (69, 32072),

Gene: Timmi_31 Start: 30736, Stop: 32082, Start Num: 2
Candidate Starts for Timmi_31:
(Start: 2 @30736 has 390 MA's), (6, 30775), (13, 30886), (16, 30925), (20, 31069), (27, 31156), (31, 31192), (33, 31225), (34, 31261), (35, 31291), (37, 31372), (50, 31612), (52, 31639), (53, 31717), (57, 31834), (69, 32077),

Gene: TinyTerror_32 Start: 30829, Stop: 32211, Start Num: 2
Candidate Starts for TinyTerror_32:
(Start: 2 @30829 has 390 MA's), (24, 31222), (29, 31282), (36, 31450), (43, 31651), (52, 31762), (70, 32203),

Gene: TomBombadil_32 Start: 31021, Stop: 32367, Start Num: 2
Candidate Starts for TomBombadil_32:
(Start: 2 @31021 has 390 MA's), (6, 31060), (8, 31111), (13, 31171), (20, 31354), (27, 31441), (31, 31477), (33, 31510), (34, 31546), (35, 31576), (37, 31657), (50, 31897), (52, 31924), (53, 32002), (57, 32119), (69, 32362),

Gene: Tomlarah_32 Start: 31012, Stop: 32358, Start Num: 2
Candidate Starts for Tomlarah_32:
(Start: 2 @31012 has 390 MA's), (6, 31051), (8, 31102), (13, 31162), (20, 31345), (27, 31432), (31, 31468), (33, 31501), (34, 31537), (35, 31567), (37, 31648), (50, 31888), (52, 31915), (53, 31993), (57, 32110), (69, 32353),

Gene: Toni_31 Start: 30728, Stop: 32074, Start Num: 2
Candidate Starts for Toni_31:
(Start: 2 @30728 has 390 MA's), (6, 30767), (8, 30818), (13, 30878), (20, 31061), (27, 31148), (31, 31184), (33, 31217), (34, 31253), (35, 31283), (37, 31364), (50, 31604), (52, 31631), (53, 31709), (57, 31826), (69, 32069),

Gene: TooFast2Furius_33 Start: 31257, Stop: 32603, Start Num: 2
Candidate Starts for TooFast2Furius_33:
(Start: 2 @31257 has 390 MA's), (6, 31296), (8, 31347), (13, 31407), (20, 31590), (27, 31677), (31, 31713), (33, 31746), (34, 31782), (35, 31812), (37, 31893), (50, 32133), (51, 32136), (52, 32160), (53, 32238), (57, 32355), (65, 32541), (69, 32598),

Gene: Tooj_32 Start: 31085, Stop: 32431, Start Num: 2
Candidate Starts for Tooj_32:
(Start: 2 @31085 has 390 MA's), (6, 31124), (8, 31175), (13, 31235), (20, 31418), (27, 31505), (31, 31541), (33, 31574), (34, 31610), (35, 31640), (37, 31721), (50, 31961), (52, 31988), (53, 32066), (57, 32183), (65, 32369), (69, 32426),

Gene: Triad_32 Start: 29889, Stop: 31235, Start Num: 2
Candidate Starts for Triad_32:

(Start: 2 @29889 has 390 MA's), (6, 29928), (8, 29979), (13, 30039), (20, 30222), (27, 30309), (31, 30345), (33, 30378), (34, 30414), (35, 30444), (37, 30525), (50, 30765), (52, 30792), (53, 30870), (57, 30987), (65, 31173), (69, 31230),

Gene: True_31 Start: 30725, Stop: 32071, Start Num: 2
Candidate Starts for True_31:
(Start: 2 @30725 has 390 MA's), (6, 30764), (8, 30815), (13, 30875), (20, 31058), (27, 31145), (31, 31181), (33, 31214), (34, 31250), (35, 31280), (37, 31361), (50, 31601), (52, 31628), (53, 31706), (57, 31823), (69, 32066),

Gene: Trypo_32 Start: 31020, Stop: 32366, Start Num: 2
Candidate Starts for Trypo_32:
(Start: 2 @31020 has 390 MA's), (6, 31059), (13, 31170), (20, 31353), (27, 31440), (31, 31476), (33, 31509), (34, 31545), (35, 31575), (50, 31896), (52, 31923), (53, 32001), (57, 32118), (69, 32361),

Gene: Tydolla_32 Start: 31578, Stop: 32960, Start Num: 2
Candidate Starts for Tydolla_32:
(Start: 2 @31578 has 390 MA's), (24, 31971), (29, 32031), (36, 32199), (43, 32400), (52, 32511),

Gene: TyrionL_31 Start: 30584, Stop: 31930, Start Num: 2
Candidate Starts for TyrionL_31:
(Start: 2 @30584 has 390 MA's), (6, 30623), (13, 30734), (20, 30917), (27, 31004), (31, 31040), (33, 31073), (34, 31109), (35, 31139), (50, 31460), (52, 31487), (53, 31565), (57, 31682), (69, 31925),

Gene: UAch1_32 Start: 31034, Stop: 32380, Start Num: 2
Candidate Starts for UAch1_32:
(Start: 2 @31034 has 390 MA's), (6, 31073), (8, 31124), (13, 31184), (20, 31367), (27, 31454), (31, 31490), (33, 31523), (34, 31559), (35, 31589), (37, 31670), (50, 31910), (52, 31937), (53, 32015), (57, 32132), (65, 32318), (69, 32375),

Gene: UncleHowie_32 Start: 30724, Stop: 32070, Start Num: 2
Candidate Starts for UncleHowie_32:
(Start: 2 @30724 has 390 MA's), (6, 30763), (13, 30874), (16, 30913), (20, 31057), (27, 31144), (31, 31180), (33, 31213), (34, 31249), (35, 31279), (37, 31360), (50, 31600), (52, 31627), (53, 31705), (57, 31822), (69, 32065),

Gene: Usavi_32 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for Usavi_32:
(Start: 2 @31025 has 390 MA's), (6, 31064), (8, 31115), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 31901), (52, 31928), (53, 32006), (57, 32123), (65, 32309), (69, 32366),

Gene: Vaishali24_31 Start: 30686, Stop: 32032, Start Num: 2
Candidate Starts for Vaishali24_31:
(Start: 2 @30686 has 390 MA's), (6, 30725), (8, 30776), (13, 30836), (20, 31019), (27, 31106), (31, 31142), (33, 31175), (34, 31211), (35, 31241), (37, 31322), (50, 31562), (52, 31589), (53, 31667), (57, 31784), (65, 31970), (69, 32027),

Gene: Valjean_32 Start: 31017, Stop: 32363, Start Num: 2
Candidate Starts for Valjean_32:
(Start: 2 @31017 has 390 MA's), (6, 31056), (8, 31107), (13, 31167), (20, 31350), (27, 31437), (31, 31473), (33, 31506), (34, 31542), (35, 31572), (37, 31653), (50, 31893), (52, 31920), (53, 31998), (57, 32115), (69, 32358),

Gene: Vaticameos_32 Start: 30715, Stop: 32061, Start Num: 2
Candidate Starts for Vaticameos_32:
(Start: 2 @30715 has 390 MA's), (6, 30754), (8, 30805), (13, 30865), (20, 31048), (27, 31135), (31, 31171), (33, 31204), (34, 31240), (35, 31270), (37, 31351), (50, 31591), (52, 31618), (53, 31696), (57, 31813), (69, 32056),

Gene: Vectra_31 Start: 30587, Stop: 31933, Start Num: 2
Candidate Starts for Vectra_31:
(Start: 2 @30587 has 390 MA's), (6, 30626), (8, 30677), (13, 30737), (20, 30920), (27, 31007), (31, 31043), (33, 31076), (34, 31112), (35, 31142), (37, 31223), (50, 31463), (52, 31490), (53, 31568), (57, 31685), (69, 31928),

Gene: Veritas_31 Start: 30587, Stop: 31933, Start Num: 2
Candidate Starts for Veritas_31:
(Start: 2 @30587 has 390 MA's), (6, 30626), (8, 30677), (13, 30737), (20, 30920), (27, 31007), (31, 31043), (33, 31076), (34, 31112), (35, 31142), (37, 31223), (50, 31463), (52, 31490), (53, 31568), (57, 31685), (69, 31928),

Gene: Vincenzo_30 Start: 31983, Stop: 33323, Start Num: 2
Candidate Starts for Vincenzo_30:
(1, 31632), (Start: 2 @31983 has 390 MA's), (7, 32052), (8, 32073), (11, 32106), (17, 32268), (18, 32289), (19, 32298), (28, 32397), (29, 32415), (56, 33012), (67, 33294), (68, 33300), (69, 33315),

Gene: VioletZ_29 Start: 31338, Stop: 32675, Start Num: 2
Candidate Starts for VioletZ_29:
(Start: 2 @31338 has 390 MA's), (8, 31428), (11, 31461), (17, 31623), (18, 31644), (19, 31653), (25, 31722), (47, 32190), (56, 32367), (65, 32613), (67, 32649), (68, 32655), (69, 32670),

Gene: Virapocalypse_32 Start: 31011, Stop: 32357, Start Num: 2
Candidate Starts for Virapocalypse_32:
(Start: 2 @31011 has 390 MA's), (6, 31050), (8, 31101), (13, 31161), (20, 31344), (27, 31431), (31, 31467), (33, 31500), (34, 31536), (35, 31566), (37, 31647), (50, 31887), (52, 31914), (53, 31992), (57, 32109), (69, 32352),

Gene: Virgeve_31 Start: 30792, Stop: 32138, Start Num: 2
Candidate Starts for Virgeve_31:
(Start: 2 @30792 has 390 MA's), (6, 30831), (13, 30942), (16, 30981), (20, 31125), (27, 31212), (31, 31248), (33, 31281), (34, 31317), (35, 31347), (37, 31428), (50, 31668), (52, 31695), (53, 31773), (57, 31890), (65, 32076), (69, 32133),

Gene: Vista_32 Start: 31025, Stop: 32371, Start Num: 2
Candidate Starts for Vista_32:
(Start: 2 @31025 has 390 MA's), (6, 31064), (13, 31175), (20, 31358), (27, 31445), (31, 31481), (33, 31514), (34, 31550), (35, 31580), (37, 31661), (50, 31901), (52, 31928), (53, 32006), (57, 32123), (69, 32366),

Gene: Vivaldi_32 Start: 31054, Stop: 32400, Start Num: 2
Candidate Starts for Vivaldi_32:
(Start: 2 @31054 has 390 MA's), (6, 31093), (8, 31144), (13, 31204), (20, 31387), (27, 31474), (31, 31510), (33, 31543), (34, 31579), (35, 31609), (37, 31690), (50, 31930), (52, 31957), (53, 32035), (57, 32152), (65, 32338), (69, 32395),

Gene: Vortex_32 Start: 30731, Stop: 32077, Start Num: 2
Candidate Starts for Vortex_32:
(Start: 2 @30731 has 390 MA's), (6, 30770), (13, 30881), (16, 30920), (20, 31064), (27, 31151), (31, 31187), (33, 31220), (34, 31256), (35, 31286), (37, 31367), (50, 31607), (52, 31634), (53, 31712), (57, 31829), (69, 32072),

Gene: Waleliano_29 Start: 31265, Stop: 32602, Start Num: 2
Candidate Starts for Waleliano_29:
(Start: 2 @31265 has 390 MA's), (8, 31355), (18, 31571), (19, 31580), (25, 31649), (38, 31898), (47, 32117), (56, 32294), (67, 32576), (68, 32582), (69, 32597),

Gene: Wallhey_31 Start: 30588, Stop: 31934, Start Num: 2
Candidate Starts for Wallhey_31:
(Start: 2 @30588 has 390 MA's), (6, 30627), (13, 30738), (20, 30921), (27, 31008), (31, 31044), (33, 31077), (34, 31113), (35, 31143), (37, 31224), (50, 31464), (52, 31491), (53, 31569), (57, 31686), (69, 31929),

Gene: Waterdiva_32 Start: 31017, Stop: 32363, Start Num: 2
Candidate Starts for Waterdiva_32:
(Start: 2 @31017 has 390 MA's), (6, 31056), (8, 31107), (13, 31167), (20, 31350), (27, 31437), (31, 31473), (33, 31506), (34, 31542), (35, 31572), (37, 31653), (50, 31893), (52, 31920), (53, 31998), (57, 32115), (69, 32358),

Gene: Weher20_32 Start: 31016, Stop: 32362, Start Num: 2
Candidate Starts for Weher20_32:
(Start: 2 @31016 has 390 MA's), (6, 31055), (8, 31106), (13, 31166), (20, 31349), (27, 31436), (31, 31472), (33, 31505), (34, 31541), (35, 31571), (37, 31652), (50, 31892), (52, 31919), (53, 31997), (57, 32114), (69, 32357),

Gene: Windsor_31 Start: 30721, Stop: 32067, Start Num: 2
Candidate Starts for Windsor_31:
(Start: 2 @30721 has 390 MA's), (6, 30760), (13, 30871), (16, 30910), (20, 31054), (27, 31141), (31, 31177), (33, 31210), (34, 31246), (35, 31276), (37, 31357), (50, 31597), (52, 31624), (53, 31702), (57, 31819), (65, 32005), (69, 32062),

Gene: Xavier_31 Start: 30738, Stop: 32084, Start Num: 2
Candidate Starts for Xavier_31:
(Start: 2 @30738 has 390 MA's), (6, 30777), (8, 30828), (13, 30888), (20, 31071), (27, 31158), (31, 31194), (33, 31227), (34, 31263), (35, 31293), (37, 31374), (50, 31614), (52, 31641), (53, 31719), (57, 31836), (69, 32079),

Gene: Xincheng_28 Start: 30714, Stop: 32057, Start Num: 2
Candidate Starts for Xincheng_28:
(Start: 2 @30714 has 390 MA's), (4, 30726), (7, 30801), (8, 30822), (15, 30909), (19, 31047), (21, 31065), (23, 31080), (38, 31353), (41, 31485), (54, 31713), (56, 31749), (60, 31872), (65, 31995), (67, 32031), (69, 32052),

Gene: Yahalom_32 Start: 30853, Stop: 32235, Start Num: 2
Candidate Starts for Yahalom_32:
(Start: 2 @30853 has 390 MA's), (9, 30970), (24, 31246), (29, 31306), (36, 31474), (43, 31675), (52, 31786),

Gene: Yinz_32 Start: 30876, Stop: 32258, Start Num: 2

Candidate Starts for Yinz_32:
(Start: 2 @30876 has 390 MA's), (24, 31269), (29, 31329), (36, 31497), (43, 31698), (52, 31809),

Gene: Yoshand_32 Start: 31024, Stop: 32370, Start Num: 2
Candidate Starts for Yoshand_32:
(Start: 2 @31024 has 390 MA's), (6, 31063), (8, 31114), (13, 31174), (20, 31357), (27, 31444), (31, 31480), (33, 31513), (34, 31549), (35, 31579), (37, 31660), (50, 31900), (52, 31927), (53, 32005), (57, 32122), (65, 32308), (69, 32365),

Gene: YouGoGlencoco_32 Start: 31019, Stop: 32365, Start Num: 2
Candidate Starts for YouGoGlencoco_32:
(Start: 2 @31019 has 390 MA's), (6, 31058), (8, 31109), (13, 31169), (20, 31352), (27, 31439), (31, 31475), (33, 31508), (34, 31544), (35, 31574), (37, 31655), (50, 31895), (52, 31922), (53, 32000), (57, 32117), (69, 32360),

Gene: Zaider_33 Start: 31249, Stop: 32595, Start Num: 2
Candidate Starts for Zaider_33:
(Start: 2 @31249 has 390 MA's), (6, 31288), (8, 31339), (13, 31399), (20, 31582), (27, 31669), (31, 31705), (33, 31738), (34, 31774), (35, 31804), (37, 31885), (50, 32125), (52, 32152), (53, 32230), (57, 32347), (69, 32590),

Gene: Zelda_32 Start: 31015, Stop: 32412, Start Num: 2
Candidate Starts for Zelda_32:
(Start: 2 @31015 has 390 MA's), (6, 31054), (13, 31165), (16, 31204), (20, 31348), (27, 31435), (31, 31471), (33, 31504), (34, 31540), (35, 31570), (37, 31651), (50, 31942), (52, 31969), (53, 32047), (57, 32164), (69, 32407),

Gene: Zemanar_30 Start: 31265, Stop: 32605, Start Num: 2
Candidate Starts for Zemanar_30:
(Start: 2 @31265 has 390 MA's), (8, 31355), (11, 31388), (19, 31580), (38, 31901), (45, 32069), (47, 32120), (56, 32297), (65, 32543), (67, 32579), (68, 32585), (69, 32600),

Gene: Zonia_32 Start: 31038, Stop: 32384, Start Num: 2
Candidate Starts for Zonia_32:
(Start: 2 @31038 has 390 MA's), (6, 31077), (13, 31188), (20, 31371), (27, 31458), (31, 31494), (33, 31527), (34, 31563), (35, 31593), (37, 31674), (50, 31914), (52, 31941), (53, 32019), (57, 32136), (69, 32379),