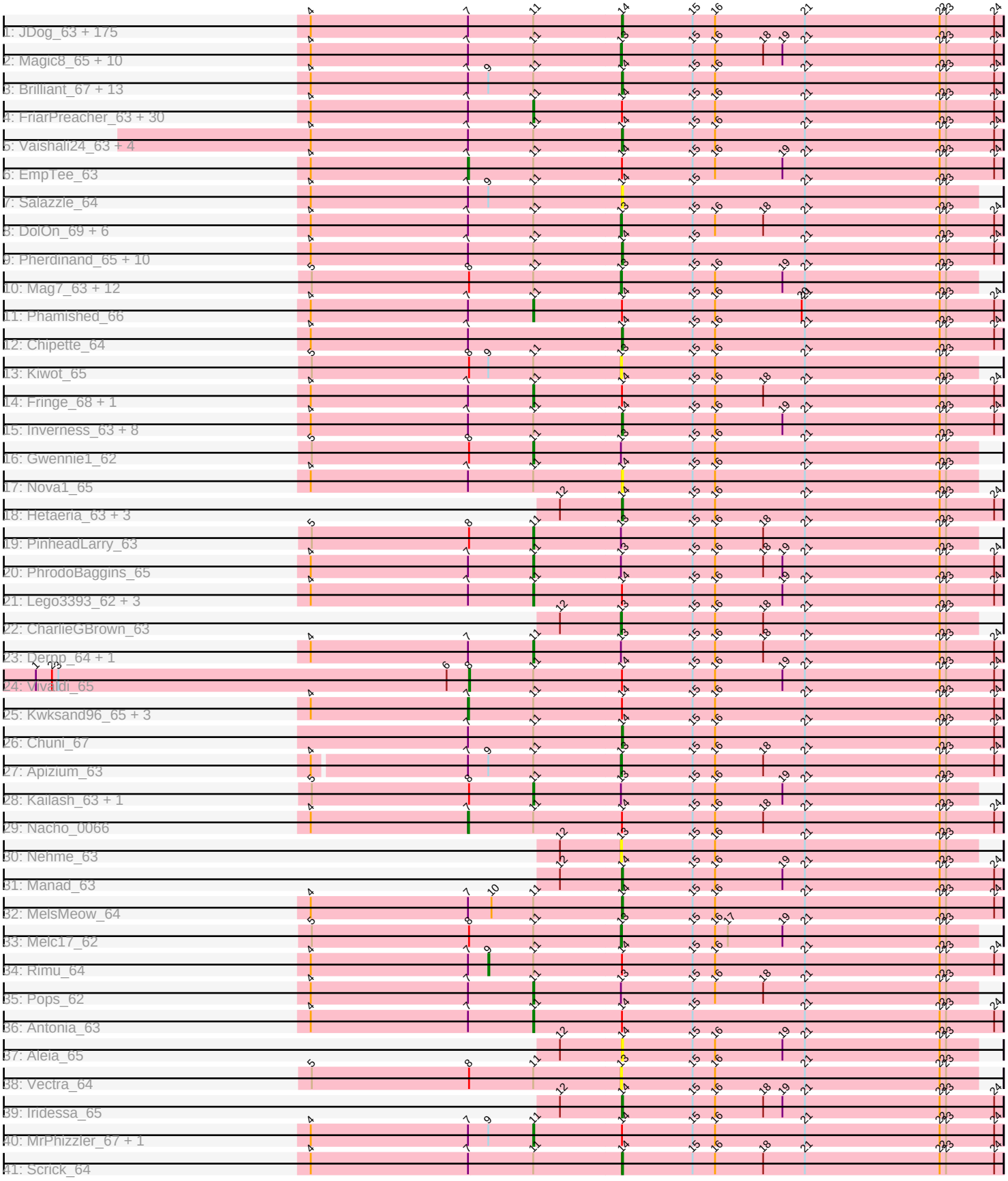
Pham 343510


1: JDog_63 + 175
2: Magic8_65 + 10
3: Brilliant_67 + 13
4: FriarPreacher_63 + 30
5: Vaishali24_63 + 4
6: EmpTee_63
7: Salazzle_64
8: DolOn_69 + 6
9: Pherdinand_65 + 10
10: Mag7_63 + 12
11: Phamished_66
12: Chipette_64
13: Kiwot_65
14: Fringe_68 + 1
15: Inverness_63 + 8
16: Gwennie1_62
17: Nova1_65
18: Hetaeria_63 + 3
19: PinheadLarry_63
20: PhrodoBaggins_65
21: Lego3393_62 + 3
22: CharlieGBrown_63
23: Derpp_64 + 1
24: Vivaldi_65
25: Kwksand96_65 + 3
26: Chuni_67
27: Apizium_63
28: Kailash_63 + 1
29: Nacho_0066
30: Nehme_63
31: Manad_63
32: MelsMeow_64
33: Melc17_62
34: Rimu_64
35: Pops_62
36: Antonia_63
37: Aleia_65
38: Vectra_64
39: Iridessa_65
40: MrPhizzler_67 + 1
41: Scrick_64

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 343510 Report

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

Pham number 343510 has 322 members, 26 are drafts.

Phages represented in each track:
• Track 1 : JDog_63, Fang_65, FleetyMac_64, Lumine_65, Aonishiki_64, FugateOSU_65, Lasso_64, Eugenia_64, AbsoluteMadLad_64, Murdoc_62, DirtJuice_65, Zelda_65, GreenChile_65, BlueHusk_66, Mulan_64, BoogieWoogie_66, Scoot17C_64, Andre_66, Prickles_66, Sigman_64, Dice_63, Chaelin_65, Fozzie_64, Legolas_66, Buckeye_64, Cornbread_63, Riverton_64, Orfeu_63, Emiris_66, Orwigg_63, Thora_63, Colbert_62, Mecca_64, LemonSlice_65, CheetO_64, Burr_64, PhatLouie_66, Kahve_64, Jbug01_65, LuckyMarjie_62, Frankicide_62, Basato_64, Morgushi_63, Daffy_63, DonSanchon_61, Roscoe_65, Taraxa_66, YouGoGlencoco_65, KLucky39_62, Grand2040_63, Cornobble_63, KlimbOn_64, ElvisPhasley_65, Altwerkus_62, Cher_64, ProfessorX_63, Anderson_65, Wallhey_65, Beaglebox_63, OSmaximus_65, Tomlarah_65, Jiraiya_65, HenryJackson_64, Placalicious_65, Vaticameos_61, Vortex_63, Azuria_63, Megamind20_65, HighStump_66, TallGrassMM_63, Pacifista_63, Chah_65, Lopsy_62, Sophia_63, KingTut_56, RedMaple_65, Surely_64, Slatt_65, PG1_64, Chorkpop_64, Mutante_64, Zaider_65, Katniss_65, Plmatters_63, Childish_63, Jillium_64, Hekos_62, True_63, Virapocalypse_65, Flake_65, FremontTroll_64, Skippy_65, SirBeauregard_65, Chute_65, Harvey_62, Newman_62, Phareon_63, MRabcd_64, ShadowBud_64, Gophee_65, Hocus_63, Iridoclysis_64, ABU_64, Mikota_62, Cannibal_64, DaddyDaniels_66, Swiphy_66, Orion_65, Matalotodo_63, Charles1_65, Dione_62, Larson_68, Telesworld_62, Dingo_62, Puhltonio_63, Quisquiliae_65, Cosmolli16_65, Riggan_65, Sheila_61, Nicole21_65, SassyCat97_63, Horchata_62, Mana_63, Keitherie_66, Simielle_64, Daka_67, Caspiboi_64, Haimas_63, Waterdiva_64, Usavi_64, Phunky_62, Badfish_64, Squiggle_64, Oosterbaan_63, Numberten_63, Freya_61, Olive_64, Omniscient_65, Mcshane_63, Timmi_63, MiniBoss_62, Ricotta_64, Thunderbird_64, Xavier_63, Tooj_62, Toni_64, JangoPhett_64, Jesabah_66, LostAndPhound_64, Septica_64, Selr12_65, Nyala_63, PhatCats2014_64, Kwadwo_63, Kloppinator_65, Pinkman_64, Phipps_64, Nathan_65, Maru_64, Lulwa_62, Hamish_62, NiaNia_66, Longacauda_65, Adriana_66, Schadenfreude_64, TomBombadil_64, Serendipity_63, Potter_62, PallasAthena_65, Mesmerelda_63, Mesh1_65, UncleHowie_62, Coletti_67, OliverWalter_62, Olak_63, SilverBell_65
• Track 2 : Magic8_65, LasagnaCat_66, PhrankReynolds_64, Inchworm_66, CampRoach_65, Bluephacebaby_64, Phergie_65, Ashraf_65, PhenghisKhan_65, Maskar_65, ImtiyazSitla_65
• Track 3 : Brilliant_67, JakeO_65, Oline_64, Durga_67, Karn_65, DelRivs_62, Khan1_64, Struggle_65, Duggie_64, Jiminy_65, Plata_65, OneBrain_67, BlacksBerry_65, Soile_65

• Track 4 : FriarPreacher_63, Lulumae_61, Podrick_63, Vista_63, Megatron_64, Cobra_65, LeiMonet_67, ShiVal_62, Zonia_65, Held_63, Bishoperium_64, HSavage_62, Pipsqueak_62, MitKao_64, Gareth_64, Serpentine_0064, Mosaic_62, LeeLot_64, JacAttac_65, Squid_63, Hertubise_63, Soto_62, Giraffe_64, DoesntMatter_61, ThreeOh3D2_65, SDcharge11_64, Roy17_62, Eremos_63, Windsor_64, Morty_65, Haleema_63
• Track 5 : Vaishali24_63, Triad_66, Carthage_63, Lehmann_65, Robyn_64
• Track 6 : EmpTee_63
• Track 7 : Salazzle_64
• Track 8 : DolOn_69, Virgeve_63, Gwilliam_65, Schueller_64, GeneCoco_65, TooFast2Furius_64, Labeouficaum_65
• Track 9 : Pherdinand_65, Samaymay_64, Swish_65, BlackStallion_65, Aelin_64, SallyH_67, EmGer13_65, QueenBeane_64, FluffyNinja_65, Yoshand_65, CamL_64
• Track 10 : Mag7_63, AngelCake_63, Weher20_62, DuchessDung_64, Veritas_64, Etaye_64, Dati_62, MichaelPhcott_63, Hartsy_63, BatteryCK_63, Happabalu_63, Phleuron_63, HogWash_64
• Track 11 : Phamished_66
• Track 12 : Chipette_64
• Track 13 : Kiwot_65
• Track 14 : Fringe_68, Gyarad_0063
• Track 15 : Inverness_63, Boehler_64, Banjo_63, Roliet_62, Crownjwl_63, Kimbrough_65, AltPhacts_63, Spartan300_64, Valjean_64
• Track 16 : Gwennie1_62
• Track 17 : Nova1_65
• Track 18 : Hetaeria_63, Kikipoo_65, IsaacEli_65, UAch1_64
• Track 19 : PinheadLarry_63
• Track 20 : PhrodoBaggins_65
• Track 21 : Lego3393_62, KingVeVeVe_63, Craff_67, Chunky_63
• Track 22 : CharlieGBrown_63
• Track 23 : Derpp_64, TyrionL_65
• Track 24 : Vivaldi_65
• Track 25 : Kwksand96_65, RedRaider89_64, Suffolk_62, Piglet_0064
• Track 26 : Chuni_67
• Track 27 : Apizium_63
• Track 28 : Kailash_63, Doddsville_63
• Track 29 : Nacho_0066
• Track 30 : Nehme_63
• Track 31 : Manad_63
• Track 32 : MelsMeow_64
• Track 33 : Melc17_62
• Track 34 : Rimu_64
• Track 35 : Pops_62
• Track 36 : Antonia_63
• Track 37 : Aleia_65
• Track 38 : Vectra_64
• Track 39 : Iridessa_65
• Track 40 : MrPhizzler_67, Trypo_66
• Track 41 : Scrick_64

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

The start number called the most often in the published annotations is 14, it was called in 208 of the 296 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ABU_64, AbsoluteMadLad_64, Adriana_66, Aelin_64, Aleia_65, AltPhacts_63, Altwerkus_62, Anderson_65, Andre_66, Aonishiki_64, Azuria_63, Badfish_64, Banjo_63, Basato_64, Beaglebox_63, BlackStallion_65, BlacksBerry_65, BlueHusk_66, Boehler_64, BoogieWoogie_66, Brilliant_67, Buckeye_64, Burr_64, CamL_64, Cannibal_64, Carthage_63, Caspiboi_64, Chaelin_65, Chah_65, Charles1_65, CheetO_64, Cher_64, Childish_63, Chipette_64, Chorkpop_64, Chuni_67, Chute_65, Colbert_62, Coletti_67, Cornbread_63, Cornobble_63, Cosmolli16_65, Crownjwl_63, DaddyDaniels_66, Daffy_63, Daka_67, DelRivs_62, Dice_63, Dingo_62, Dione_62, DirtJuice_65, DonSanchon_61, Duggie_64, Durga_67, ElvisPhasley_65, EmGer13_65, Emiris_66, Eugenia_64, Fang_65, Flake_65, FleetyMac_64, FluffyNinja_65, Fozzie_64, Frankicide_62, FremontTroll_64, Freya_61, FugateOSU_65, Gophee_65, Grand2040_63, GreenChile_65, Haimas_63, Hamish_62, Harvey_62, Hekos_62, HenryJackson_64, Hetaeria_63, HighStump_66, Hocus_63, Horchata_62, Inverness_63, Iridessa_65, Iridoclysis_64, IsaacEli_65, JDog_63, JakeO_65, JangoPhett_64, Jbug01_65, Jesabah_66, Jillium_64, Jiminy_65, Jiraiya_65, KLucky39_62, Kahve_64, Karn_65, Katniss_65, Keitherie_66, Khan1_64, Kikipoo_65, Kimbrough_65, KingTut_56, KlimbOn_64, Kloppinator_65, Kwadwo_63, Larson_68, Lasso_64, Legolas_66, Lehmann_65, LemonSlice_65, Longacauda_65, Lopsy_62, LostAndPhound_64, LuckyMarjie_62, Lulwa_62, Lumine_65, MRabcd_64, Mana_63, Manad_63, Maru_64, Matalotodo_63, Mcshane_63, Mecca_64, Megamind20_65, MelsMeow_64, Mesh1_65, Mesmerelda_63, Mikota_62, MiniBoss_62, Morgushi_63, Mulan_64, Murdoc_62, Mutante_64, Nathan_65, Newman_62, NiaNia_66, Nicole21_65, Nova1_65, Numberten_63, Nyala_63, OSmaximus_65, Olak_63, Oline_64, Olive_64, OliverWalter_62, Omniscient_65, OneBrain_67, Oosterbaan_63, Orfeu_63, Orion_65, Orwigg_63, PG1_64, Pacifista_63, PallasAthena_65, Phareon_63, PhatCats2014_64, PhatLouie_66, Pherdinand_65, Phipps_64, Phunky_62, Pinkman_64, Placalicious_65, Plata_65, Plmatters_63, Potter_62, Prickles_66, ProfessorX_63, Puhltonio_63, QueenBeane_64, Quisquiliae_65, RedMaple_65, Ricotta_64, Riggan_65, Riverton_64, Robyn_64, Roliet_62, Roscoe_65, Salazzle_64, SallyH_67, Samaymay_64, SassyCat97_63, Schadenfreude_64, Scoot17C_64, Scrick_64, Selr12_65, Septica_64, Serendipity_63, ShadowBud_64, Sheila_61, Sigman_64, SilverBell_65, Simielle_64, SirBeauregard_65, Skippy_65, Slatt_65, Soile_65, Sophia_63, Spartan300_64, Squiggle_64, Struggle_65, Surely_64, Swiphy_66, Swish_65, TallGrassMM_63, Taraxa_66, Telesworld_62, Thora_63, Thunderbird_64, Timmi_63, TomBombadil_64, Tomlarah_65, Toni_64, Tooj_62, Triad_66, True_63, UAch1_64, UncleHowie_62, Usavi_64, Vaishali24_63, Valjean_64, Vaticameos_61, Virapocalypse_65, Vortex_63, Wallhey_65, Waterdiva_64, Xavier_63, Yoshand_65, YouGoGlencoco_65, Zaider_65, Zelda_65,

Genes that have the "Most Annotated" start but do not call it:
• Antonia_63, Bishoperium_64, Chunky_63, Cobra_65, Craff_67, DoesntMatter_61, EmpTee_63, Eremos_63, FriarPreacher_63, Fringe_68, Gareth_64, Giraffe_64, Gyarad_0063, HSavage_62, Haleema_63, Held_63, Hertubise_63, JacAttac_65, KingVeVeVe_63, Kwksand96_65, LeeLot_64, Lego3393_62, LeiMonet_67, Lulumae_61, Megatron_64, MitKao_64, Morty_65, Mosaic_62, MrPhizzler_67, Nacho_0066, Phamished_66, Piglet_0064, Pipsqueak_62, Podrick_63, RedRaider89_64, Rimu_64, Roy17_62, SDcharge11_64, Serpentine_0064,

ShiVal_62, Soto_62, Squid_63, Suffolk_62, ThreeOh3D2_65, Trypo_66, Vista_63, Vivaldi_65, Windsor_64, Zonia_65,

Genes that do not have the "Most Annotated" start:
• AngelCake_63, Apizium_63, Ashraf_65, BatteryCK_63, Bluephacebaby_64, CampRoach_65, CharlieGBrown_63, Dati_62, Derpp_64, Doddsville_63, DolOn_69, DuchessDung_64, Etaye_64, GeneCoco_65, Gwennie1_62, Gwilliam_65, Happabalu_63, Hartsy_63, HogWash_64, ImtiyazSitla_65, Inchworm_66, Kailash_63, Kiwot_65, Labeouficaum_65, LasagnaCat_66, Mag7_63, Magic8_65, Maskar_65, Melc17_62, MichaelPhcott_63, Nehme_63, PhenghisKhan_65, Phergie_65, Phleuron_63, PhrankReynolds_64, PhrodoBaggins_65, PinheadLarry_63, Pops_62, Schueller_64, TooFast2Furius_64, TyrionL_65, Vectra_64, Veritas_64, Virgeve_63, Weher20_62,

Summary by start number:

Start 7:
• Found in 292 of 322 (90.7%) of genes in pham
• Manual Annotations of this start: 6 of 296
• Called 2.1% of time when present
• Phage (with cluster) where this start called: EmpTee_63 (B1), Kwksand96_65 (B1), Nacho_0066 (B1), Piglet_0064 (B1), RedRaider89_64 (B1), Suffolk_62 (B1),

Start 8:
• Found in 21 of 322 (6.5%) of genes in pham
• Manual Annotations of this start: 1 of 296
• Called 4.8% of time when present
• Phage (with cluster) where this start called: Vivaldi_65 (B1),

Start 9:
• Found in 20 of 322 (6.2%) of genes in pham
• Manual Annotations of this start: 1 of 296
• Called 5.0% of time when present
• Phage (with cluster) where this start called: Rimu_64 (B1),

Start 11:
• Found in 312 of 322 (96.9%) of genes in pham
• Manual Annotations of this start: 49 of 296
• Called 15.7% of time when present
• Phage (with cluster) where this start called: Antonia_63 (B1), Bishoperium_64 (B1), Chunky_63 (B1), Cobra_65 (B1), Craff_67 (B1), Derpp_64 (B1), Doddsville_63 (B1), DoesntMatter_61 (B1), Eremos_63 (B1), FriarPreacher_63 (B1), Fringe_68 (B1), Gareth_64 (B1), Giraffe_64 (B1), Gwennie1_62 (B1), Gyarad_0063 (B1), HSavage_62 (B1), Haleema_63 (B1), Held_63 (B1), Hertubise_63 (B1), JacAttac_65 (B1), Kailash_63 (B1), KingVeVeVe_63 (B1), LeeLot_64 (B1), Lego3393_62 (B1), LeiMonet_67 (B1), Lulumae_61 (B1), Megatron_64 (B1), MitKao_64 (B1), Morty_65 (B1), Mosaic_62 (B1), MrPhizzler_67 (B1), Phamished_66 (B1), PhrodoBaggins_65 (B1), PinheadLarry_63 (B1), Pipsqueak_62 (B1), Podrick_63 (B1), Pops_62 (B1), Roy17_62 (B1), SDcharge11_64 (B1), Serpentine_0064 (B1), ShiVal_62 (B1), Soto_62 (B1), Squid_63 (B1), ThreeOh3D2_65 (B1), Trypo_66 (B1), TyrionL_65 (B1), Vista_63 (B1), Windsor_64 (B1), Zonia_65 (B1),

Start 13:

• Found in 45 of 322 (14.0%) of genes in pham
• Manual Annotations of this start: 31 of 296
• Called 82.2% of time when present
• Phage (with cluster) where this start called: AngelCake_63 (B1), Apizium_63 (B1), Ashraf_65 (B1), BatteryCK_63 (B1), Bluephacebaby_64 (B1), CampRoach_65 (B1), CharlieGBrown_63 (B1), Dati_62 (B1), DolOn_69 (B1), DuchessDung_64 (B1), Etaye_64 (B1), GeneCoco_65 (B1), Gwilliam_65 (B1), Happabalu_63 (B1), Hartsy_63 (B1), HogWash_64 (B1), ImtiyazSitla_65 (B1), Inchworm_66 (B1), Kiwot_65 (B1), Labeouficaum_65 (B1), LasagnaCat_66 (B1), Mag7_63 (B1), Magic8_65 (B1), Maskar_65 (B1), Melc17_62 (B1), MichaelPhcott_63 (B1), Nehme_63 (B1), PhenghisKhan_65 (B1), Phergie_65 (B1), Phleuron_63 (B1), PhrankReynolds_64 (B1), Schueller_64 (B1), TooFast2Furius_64 (B1), Vectra_64 (B1), Veritas_64 (B1), Virgeve_63 (B1), Weher20_62 (B1),

Start 14:
• Found in 277 of 322 (86.0%) of genes in pham
• Manual Annotations of this start: 208 of 296
• Called 82.3% of time when present
• Phage (with cluster) where this start called: ABU_64 (B1), AbsoluteMadLad_64 (B1), Adriana_66 (B1), Aelin_64 (B1), Aleia_65 (B1), AltPhacts_63 (B1), Altwerkus_62 (B1), Anderson_65 (B1), Andre_66 (B1), Aonishiki_64 (B1), Azuria_63 (B1), Badfish_64 (B1), Banjo_63 (B1), Basato_64 (B1), Beaglebox_63 (B1), BlackStallion_65 (B1), BlacksBerry_65 (B1), BlueHusk_66 (B1), Boehler_64 (B1), BoogieWoogie_66 (B1), Brilliant_67 (B1), Buckeye_64 (B1), Burr_64 (B1), CamL_64 (B1), Cannibal_64 (B1), Carthage_63 (B1), Caspiboi_64 (B1), Chaelin_65 (B1), Chah_65 (B1), Charles1_65 (B1), CheetO_64 (B1), Cher_64 (B1), Childish_63 (B1), Chipette_64 (B1), Chorkpop_64 (B1), Chuni_67 (B1), Chute_65 (B1), Colbert_62 (B1), Coletti_67 (B1), Cornbread_63 (B1), Cornobble_63 (B1), Cosmolli16_65 (B1), Crownjwl_63 (B1), DaddyDaniels_66 (B1), Daffy_63 (B1), Daka_67 (B1), DelRivs_62 (B1), Dice_63 (B1), Dingo_62 (B1), Dione_62 (B1), DirtJuice_65 (B1), DonSanchon_61 (B1), Duggie_64 (B1), Durga_67 (B1), ElvisPhasley_65 (B1), EmGer13_65 (B1), Emiris_66 (B1), Eugenia_64 (B1), Fang_65 (B1), Flake_65 (B1), FleetyMac_64 (B1), FluffyNinja_65 (B1), Fozzie_64 (B1), Frankicide_62 (B1), FremontTroll_64 (B1), Freya_61 (B1), FugateOSU_65 (B1), Gophee_65 (B1), Grand2040_63 (B1), GreenChile_65 (B1), Haimas_63 (B1), Hamish_62 (B1), Harvey_62 (B1), Hekos_62 (B1), HenryJackson_64 (B1), Hetaeria_63 (B1), HighStump_66 (B1), Hocus_63 (B1), Horchata_62 (B1), Inverness_63 (B1), Iridessa_65 (B1), Iridoclysis_64 (B1), IsaacEli_65 (B1), JDog_63 (B1), JakeO_65 (B1), JangoPhett_64 (B1), Jbug01_65 (B1), Jesabah_66 (B1), Jillium_64 (B1), Jiminy_65 (B1), Jiraiya_65 (B1), KLucky39_62 (B1), Kahve_64 (B1), Karn_65 (B1), Katniss_65 (B1), Keitherie_66 (B1), Khan1_64 (B1), Kikipoo_65 (B1), Kimbrough_65 (B1), KingTut_56 (B1), KlimbOn_64 (B1), Kloppinator_65 (B1), Kwadwo_63 (B1), Larson_68 (B1), Lasso_64 (B1), Legolas_66 (B1), Lehmann_65 (B1), LemonSlice_65 (B1), Longacauda_65 (B1), Lopsy_62 (B1), LostAndPhound_64 (B1), LuckyMarjie_62 (B1), Lulwa_62 (B1), Lumine_65 (B1), MRabcd_64 (B1), Mana_63 (B1), Manad_63 (B1), Maru_64 (B1), Matalotodo_63 (B1), Mcshane_63 (B1), Mecca_64 (B1), Megamind20_65 (B1), MelsMeow_64 (B1), Mesh1_65 (B1), Mesmerelda_63 (B1), Mikota_62 (B1), MiniBoss_62 (B1), Morgushi_63 (B1), Mulan_64 (B1), Murdoc_62 (B1), Mutante_64 (B1), Nathan_65 (B1), Newman_62 (B1), NiaNia_66 (B1), Nicole21_65 (B1), Nova1_65 (B1), Numberten_63 (B1), Nyala_63 (B1), OSmaximus_65 (B1), Olak_63 (B1), Oline_64 (B1), Olive_64 (B1), OliverWalter_62 (B1), Omniscient_65 (B1), OneBrain_67 (B1), Oosterbaan_63 (B1), Orfeu_63 (B1), Orion_65 (B1), Orwigg_63 (B1), PG1_64 (B1), Pacifista_63 (B1), PallasAthena_65

(B1), Phareon_63 (B1), PhatCats2014_64 (B1), PhatLouie_66 (B1), Pherdinand_65 (B1), Phipps_64 (B1), Phunky_62 (B1), Pinkman_64 (B1), Placalicious_65 (B1), Plata_65 (B1), Plmatters_63 (B1), Potter_62 (B1), Prickles_66 (B1), ProfessorX_63 (B1), Puhltonio_63 (B1), QueenBeane_64 (B1), Quisquiliae_65 (B1), RedMaple_65 (B1), Ricotta_64 (B1), Riggan_65 (B1), Riverton_64 (B1), Robyn_64 (B1), Roliet_62 (B1), Roscoe_65 (B1), Salazzle_64 (B1), SallyH_67 (B1), Samaymay_64 (B1), SassyCat97_63 (B1), Schadenfreude_64 (B1), Scoot17C_64 (B1), Scrick_64 (B1), Selr12_65 (B1), Septica_64 (B1), Serendipity_63 (B1), ShadowBud_64 (B1), Sheila_61 (B1), Sigman_64 (B1), SilverBell_65 (B1), Simielle_64 (B1), SirBeauregard_65 (B1), Skippy_65 (B1), Slatt_65 (B1), Soile_65 (B1), Sophia_63 (B1), Spartan300_64 (B1), Squiggle_64 (B1), Struggle_65 (B1), Surely_64 (B1), Swiphy_66 (B1), Swish_65 (B1), TallGrassMM_63 (B1), Taraxa_66 (B1), Telesworld_62 (B1), Thora_63 (B1), Thunderbird_64 (B1), Timmi_63 (B1), TomBombadil_64 (B1), Tomlarah_65 (B1), Toni_64 (B1), Tooj_62 (B1), Triad_66 (B1), True_63 (B1), UAch1_64 (B1), UncleHowie_62 (B1), Usavi_64 (B1), Vaishali24_63 (B1), Valjean_64 (B1), Vaticameos_61 (B1), Virapocalypse_65 (B1), Vortex_63 (B1), Wallhey_65 (B1), Waterdiva_64 (B1), Xavier_63 (B1), Yoshand_65 (B1), YouGoGlencoco_65 (B1), Zaider_65 (B1), Zelda_65 (B1),

Summary by clusters:

There is one cluster represented in this pham: B1

Info for manual annotations of cluster B1:
•Start number 7 was manually annotated 6 times for cluster B1.
•Start number 8 was manually annotated 1 time for cluster B1.
•Start number 9 was manually annotated 1 time for cluster B1.
•Start number 11 was manually annotated 49 times for cluster B1.
•Start number 13 was manually annotated 31 times for cluster B1.
•Start number 14 was manually annotated 208 times for cluster B1.

Gene Information:

Gene: ABU_64 Start: 55588, Stop: 55232, Start Num: 14
Candidate Starts for ABU_64:
(4, 55876), (Start: 7 @55729 has 6 MA's), (Start: 11 @55669 has 49 MA's), (Start: 14 @55588 has 208 MA's), (15, 55522), (16, 55501), (21, 55417), (22, 55291), (23, 55285), (24, 55240),

Gene: AbsoluteMadLad_64 Start: 55542, Stop: 55186, Start Num: 14
Candidate Starts for AbsoluteMadLad_64:
(4, 55830), (Start: 7 @55683 has 6 MA's), (Start: 11 @55623 has 49 MA's), (Start: 14 @55542 has 208 MA's), (15, 55476), (16, 55455), (21, 55371), (22, 55245), (23, 55239), (24, 55194),

Gene: Adriana_66 Start: 56169, Stop: 55813, Start Num: 14
Candidate Starts for Adriana_66:
(4, 56457), (Start: 7 @56310 has 6 MA's), (Start: 11 @56250 has 49 MA's), (Start: 14 @56169 has 208 MA's), (15, 56103), (16, 56082), (21, 55998), (22, 55872), (23, 55866), (24, 55821),

Gene: Aelin_64 Start: 55106, Stop: 54750, Start Num: 14
Candidate Starts for Aelin_64:

(4, 55394), (Start: 7 @55247 has 6 MA's), (Start: 11 @55187 has 49 MA's), (Start: 14 @55106 has 208 MA's), (15, 55040), (21, 54935), (22, 54809), (23, 54803), (24, 54758),

Gene: Aleia_65 Start: 55245, Stop: 54913, Start Num: 14
Candidate Starts for Aleia_65:
(12, 55302), (Start: 14 @55245 has 208 MA's), (15, 55179), (16, 55158), (19, 55095), (21, 55074), (22, 54948), (23, 54942),

Gene: AltPhacts_63 Start: 54655, Stop: 54299, Start Num: 14
Candidate Starts for AltPhacts_63:
(4, 54943), (Start: 7 @54796 has 6 MA's), (Start: 11 @54736 has 49 MA's), (Start: 14 @54655 has 208 MA's), (15, 54589), (16, 54568), (19, 54505), (21, 54484), (22, 54358), (23, 54352), (24, 54307),

Gene: Altwerkus_62 Start: 54752, Stop: 54396, Start Num: 14
Candidate Starts for Altwerkus_62:
(4, 55040), (Start: 7 @54893 has 6 MA's), (Start: 11 @54833 has 49 MA's), (Start: 14 @54752 has 208 MA's), (15, 54686), (16, 54665), (21, 54581), (22, 54455), (23, 54449), (24, 54404),

Gene: Anderson_65 Start: 55324, Stop: 54968, Start Num: 14
Candidate Starts for Anderson_65:
(4, 55612), (Start: 7 @55465 has 6 MA's), (Start: 11 @55405 has 49 MA's), (Start: 14 @55324 has 208 MA's), (15, 55258), (16, 55237), (21, 55153), (22, 55027), (23, 55021), (24, 54976),

Gene: Andre_66 Start: 55500, Stop: 55144, Start Num: 14
Candidate Starts for Andre_66:
(4, 55788), (Start: 7 @55641 has 6 MA's), (Start: 11 @55581 has 49 MA's), (Start: 14 @55500 has 208 MA's), (15, 55434), (16, 55413), (21, 55329), (22, 55203), (23, 55197), (24, 55152),

Gene: AngelCake_63 Start: 55239, Stop: 54907, Start Num: 13
Candidate Starts for AngelCake_63:
(5, 55527), (Start: 8 @55380 has 1 MA's), (Start: 11 @55320 has 49 MA's), (Start: 13 @55239 has 31 MA's), (15, 55173), (16, 55152), (19, 55089), (21, 55068), (22, 54942), (23, 54936),

Gene: Antonia_63 Start: 55187, Stop: 54750, Start Num: 11
Candidate Starts for Antonia_63:
(4, 55394), (Start: 7 @55247 has 6 MA's), (Start: 11 @55187 has 49 MA's), (Start: 14 @55106 has 208 MA's), (15, 55040), (21, 54935), (22, 54809), (23, 54803), (24, 54758),

Gene: Aonishiki_64 Start: 55367, Stop: 55011, Start Num: 14
Candidate Starts for Aonishiki_64:
(4, 55655), (Start: 7 @55508 has 6 MA's), (Start: 11 @55448 has 49 MA's), (Start: 14 @55367 has 208 MA's), (15, 55301), (16, 55280), (21, 55196), (22, 55070), (23, 55064), (24, 55019),

Gene: Apizium_63 Start: 54774, Stop: 54418, Start Num: 13
Candidate Starts for Apizium_63:
(4, 55056), (Start: 7 @54915 has 6 MA's), (Start: 9 @54897 has 1 MA's), (Start: 11 @54855 has 49 MA's), (Start: 13 @54774 has 31 MA's), (15, 54708), (16, 54687), (18, 54642), (21, 54603), (22, 54477), (23, 54471), (24, 54426),

Gene: Ashraf_65 Start: 55320, Stop: 54964, Start Num: 13
Candidate Starts for Ashraf_65:
(4, 55608), (Start: 7 @55461 has 6 MA's), (Start: 11 @55401 has 49 MA's), (Start: 13 @55320 has 31 MA's), (15, 55254), (16, 55233), (18, 55188), (19, 55170), (21, 55149), (22, 55023), (23, 55017), (24,

54972),

Gene: Azuria_63 Start: 55342, Stop: 54986, Start Num: 14
Candidate Starts for Azuria_63:
(4, 55630), (Start: 7 @55483 has 6 MA's), (Start: 11 @55423 has 49 MA's), (Start: 14 @55342 has 208 MA's), (15, 55276), (16, 55255), (21, 55171), (22, 55045), (23, 55039), (24, 54994),

Gene: Badfish_64 Start: 55610, Stop: 55254, Start Num: 14
Candidate Starts for Badfish_64:
(4, 55898), (Start: 7 @55751 has 6 MA's), (Start: 11 @55691 has 49 MA's), (Start: 14 @55610 has 208 MA's), (15, 55544), (16, 55523), (21, 55439), (22, 55313), (23, 55307), (24, 55262),

Gene: Banjo_63 Start: 55099, Stop: 54743, Start Num: 14
Candidate Starts for Banjo_63:
(4, 55387), (Start: 7 @55240 has 6 MA's), (Start: 11 @55180 has 49 MA's), (Start: 14 @55099 has 208 MA's), (15, 55033), (16, 55012), (19, 54949), (21, 54928), (22, 54802), (23, 54796), (24, 54751),

Gene: Basato_64 Start: 55373, Stop: 55017, Start Num: 14
Candidate Starts for Basato_64:
(4, 55661), (Start: 7 @55514 has 6 MA's), (Start: 11 @55454 has 49 MA's), (Start: 14 @55373 has 208 MA's), (15, 55307), (16, 55286), (21, 55202), (22, 55076), (23, 55070), (24, 55025),

Gene: BatteryCK_63 Start: 55067, Stop: 54735, Start Num: 13
Candidate Starts for BatteryCK_63:
(5, 55355), (Start: 8 @55208 has 1 MA's), (Start: 11 @55148 has 49 MA's), (Start: 13 @55067 has 31 MA's), (15, 55001), (16, 54980), (19, 54917), (21, 54896), (22, 54770), (23, 54764),

Gene: Beaglebox_63 Start: 55163, Stop: 54807, Start Num: 14
Candidate Starts for Beaglebox_63:
(4, 55451), (Start: 7 @55304 has 6 MA's), (Start: 11 @55244 has 49 MA's), (Start: 14 @55163 has 208 MA's), (15, 55097), (16, 55076), (21, 54992), (22, 54866), (23, 54860), (24, 54815),

Gene: Bishoperium_64 Start: 55719, Stop: 55282, Start Num: 11
Candidate Starts for Bishoperium_64:
(4, 55926), (Start: 7 @55779 has 6 MA's), (Start: 11 @55719 has 49 MA's), (Start: 14 @55638 has 208 MA's), (15, 55572), (16, 55551), (21, 55467), (22, 55341), (23, 55335), (24, 55290),

Gene: BlackStallion_65 Start: 55367, Stop: 55011, Start Num: 14
Candidate Starts for BlackStallion_65:
(4, 55655), (Start: 7 @55508 has 6 MA's), (Start: 11 @55448 has 49 MA's), (Start: 14 @55367 has 208 MA's), (15, 55301), (21, 55196), (22, 55070), (23, 55064), (24, 55019),

Gene: BlacksBerry_65 Start: 54999, Stop: 54643, Start Num: 14
Candidate Starts for BlacksBerry_65:
(4, 55287), (Start: 7 @55140 has 6 MA's), (Start: 9 @55122 has 1 MA's), (Start: 11 @55080 has 49 MA's), (Start: 14 @54999 has 208 MA's), (15, 54933), (16, 54912), (21, 54828), (22, 54702), (23, 54696), (24, 54651),

Gene: BlueHusk_66 Start: 55122, Stop: 54766, Start Num: 14
Candidate Starts for BlueHusk_66:
(4, 55410), (Start: 7 @55263 has 6 MA's), (Start: 11 @55203 has 49 MA's), (Start: 14 @55122 has 208 MA's), (15, 55056), (16, 55035), (21, 54951), (22, 54825), (23, 54819), (24, 54774),

Gene: Bluephacebaby_64 Start: 55641, Stop: 55285, Start Num: 13
Candidate Starts for Bluephacebaby_64:
(4, 55929), (Start: 7 @55782 has 6 MA's), (Start: 11 @55722 has 49 MA's), (Start: 13 @55641 has 31 MA's), (15, 55575), (16, 55554), (18, 55509), (19, 55491), (21, 55470), (22, 55344), (23, 55338), (24, 55293),

Gene: Boehler_64 Start: 55285, Stop: 54929, Start Num: 14
Candidate Starts for Boehler_64:
(4, 55573), (Start: 7 @55426 has 6 MA's), (Start: 11 @55366 has 49 MA's), (Start: 14 @55285 has 208 MA's), (15, 55219), (16, 55198), (19, 55135), (21, 55114), (22, 54988), (23, 54982), (24, 54937),

Gene: BoogieWoogie_66 Start: 55074, Stop: 54718, Start Num: 14
Candidate Starts for BoogieWoogie_66:
(4, 55362), (Start: 7 @55215 has 6 MA's), (Start: 11 @55155 has 49 MA's), (Start: 14 @55074 has 208 MA's), (15, 55008), (16, 54987), (21, 54903), (22, 54777), (23, 54771), (24, 54726),

Gene: Brilliant_67 Start: 55607, Stop: 55251, Start Num: 14
Candidate Starts for Brilliant_67:
(4, 55895), (Start: 7 @55748 has 6 MA's), (Start: 9 @55730 has 1 MA's), (Start: 11 @55688 has 49 MA's), (Start: 14 @55607 has 208 MA's), (15, 55541), (16, 55520), (21, 55436), (22, 55310), (23, 55304), (24, 55259),

Gene: Buckeye_64 Start: 55899, Stop: 55543, Start Num: 14
Candidate Starts for Buckeye_64:
(4, 56187), (Start: 7 @56040 has 6 MA's), (Start: 11 @55980 has 49 MA's), (Start: 14 @55899 has 208 MA's), (15, 55833), (16, 55812), (21, 55728), (22, 55602), (23, 55596), (24, 55551),

Gene: Burr_64 Start: 55074, Stop: 54718, Start Num: 14
Candidate Starts for Burr_64:
(4, 55362), (Start: 7 @55215 has 6 MA's), (Start: 11 @55155 has 49 MA's), (Start: 14 @55074 has 208 MA's), (15, 55008), (16, 54987), (21, 54903), (22, 54777), (23, 54771), (24, 54726),

Gene: CamL_64 Start: 55406, Stop: 55050, Start Num: 14
Candidate Starts for CamL_64:
(4, 55694), (Start: 7 @55547 has 6 MA's), (Start: 11 @55487 has 49 MA's), (Start: 14 @55406 has 208 MA's), (15, 55340), (21, 55235), (22, 55109), (23, 55103), (24, 55058),

Gene: CampRoach_65 Start: 55511, Stop: 55155, Start Num: 13
Candidate Starts for CampRoach_65:
(4, 55799), (Start: 7 @55652 has 6 MA's), (Start: 11 @55592 has 49 MA's), (Start: 13 @55511 has 31 MA's), (15, 55445), (16, 55424), (18, 55379), (19, 55361), (21, 55340), (22, 55214), (23, 55208), (24, 55163),

Gene: Cannibal_64 Start: 55348, Stop: 54992, Start Num: 14
Candidate Starts for Cannibal_64:
(4, 55636), (Start: 7 @55489 has 6 MA's), (Start: 11 @55429 has 49 MA's), (Start: 14 @55348 has 208 MA's), (15, 55282), (16, 55261), (21, 55177), (22, 55051), (23, 55045), (24, 55000),

Gene: Carthage_63 Start: 54586, Stop: 54230, Start Num: 14
Candidate Starts for Carthage_63:
(4, 54874), (Start: 7 @54727 has 6 MA's), (Start: 11 @54667 has 49 MA's), (Start: 14 @54586 has 208 MA's), (15, 54520), (16, 54499), (21, 54415), (22, 54289), (23, 54283), (24, 54238),

Gene: Caspiboi_64 Start: 55332, Stop: 54976, Start Num: 14
Candidate Starts for Caspiboi_64:
(4, 55620), (Start: 7 @55473 has 6 MA's), (Start: 11 @55413 has 49 MA's), (Start: 14 @55332 has 208 MA's), (15, 55266), (16, 55245), (21, 55161), (22, 55035), (23, 55029), (24, 54984),

Gene: Chaelin_65 Start: 55636, Stop: 55280, Start Num: 14
Candidate Starts for Chaelin_65:
(4, 55924), (Start: 7 @55777 has 6 MA's), (Start: 11 @55717 has 49 MA's), (Start: 14 @55636 has 208 MA's), (15, 55570), (16, 55549), (21, 55465), (22, 55339), (23, 55333), (24, 55288),

Gene: Chah_65 Start: 55051, Stop: 54695, Start Num: 14
Candidate Starts for Chah_65:
(4, 55339), (Start: 7 @55192 has 6 MA's), (Start: 11 @55132 has 49 MA's), (Start: 14 @55051 has 208 MA's), (15, 54985), (16, 54964), (21, 54880), (22, 54754), (23, 54748), (24, 54703),

Gene: Charles1_65 Start: 55361, Stop: 55005, Start Num: 14
Candidate Starts for Charles1_65:
(4, 55649), (Start: 7 @55502 has 6 MA's), (Start: 11 @55442 has 49 MA's), (Start: 14 @55361 has 208 MA's), (15, 55295), (16, 55274), (21, 55190), (22, 55064), (23, 55058), (24, 55013),

Gene: CharlieGBrown_63 Start: 55011, Stop: 54679, Start Num: 13
Candidate Starts for CharlieGBrown_63:
(12, 55068), (Start: 13 @55011 has 31 MA's), (15, 54945), (16, 54924), (18, 54879), (21, 54840), (22, 54714), (23, 54708),

Gene: CheetO_64 Start: 55322, Stop: 54966, Start Num: 14
Candidate Starts for CheetO_64:
(4, 55610), (Start: 7 @55463 has 6 MA's), (Start: 11 @55403 has 49 MA's), (Start: 14 @55322 has 208 MA's), (15, 55256), (16, 55235), (21, 55151), (22, 55025), (23, 55019), (24, 54974),

Gene: Cher_64 Start: 55616, Stop: 55260, Start Num: 14
Candidate Starts for Cher_64:
(4, 55904), (Start: 7 @55757 has 6 MA's), (Start: 11 @55697 has 49 MA's), (Start: 14 @55616 has 208 MA's), (15, 55550), (16, 55529), (21, 55445), (22, 55319), (23, 55313), (24, 55268),

Gene: Childish_63 Start: 55627, Stop: 55271, Start Num: 14
Candidate Starts for Childish_63:
(4, 55915), (Start: 7 @55768 has 6 MA's), (Start: 11 @55708 has 49 MA's), (Start: 14 @55627 has 208 MA's), (15, 55561), (16, 55540), (21, 55456), (22, 55330), (23, 55324), (24, 55279),

Gene: Chipette_64 Start: 55317, Stop: 54961, Start Num: 14
Candidate Starts for Chipette_64:
(4, 55605), (Start: 7 @55458 has 6 MA's), (Start: 14 @55317 has 208 MA's), (15, 55251), (16, 55230), (21, 55146), (22, 55020), (23, 55014), (24, 54969),

Gene: Chorkpop_64 Start: 55103, Stop: 54747, Start Num: 14
Candidate Starts for Chorkpop_64:
(4, 55391), (Start: 7 @55244 has 6 MA's), (Start: 11 @55184 has 49 MA's), (Start: 14 @55103 has 208 MA's), (15, 55037), (16, 55016), (21, 54932), (22, 54806), (23, 54800), (24, 54755),

Gene: Chuni_67 Start: 55863, Stop: 55507, Start Num: 14
Candidate Starts for Chuni_67:

(Start: 7 @56004 has 6 MA's), (Start: 11 @55944 has 49 MA's), (Start: 14 @55863 has 208 MA's), (15, 55797), (16, 55776), (21, 55692), (22, 55566), (23, 55560), (24, 55515),

Gene: Chunky_63 Start: 54733, Stop: 54296, Start Num: 11
Candidate Starts for Chunky_63:
(4, 54940), (Start: 7 @54793 has 6 MA's), (Start: 11 @54733 has 49 MA's), (Start: 14 @54652 has 208 MA's), (15, 54586), (16, 54565), (19, 54502), (21, 54481), (22, 54355), (23, 54349), (24, 54304),

Gene: Chute_65 Start: 55664, Stop: 55308, Start Num: 14
Candidate Starts for Chute_65:
(4, 55952), (Start: 7 @55805 has 6 MA's), (Start: 11 @55745 has 49 MA's), (Start: 14 @55664 has 208 MA's), (15, 55598), (16, 55577), (21, 55493), (22, 55367), (23, 55361), (24, 55316),

Gene: Cobra_65 Start: 55729, Stop: 55292, Start Num: 11
Candidate Starts for Cobra_65:
(4, 55936), (Start: 7 @55789 has 6 MA's), (Start: 11 @55729 has 49 MA's), (Start: 14 @55648 has 208 MA's), (15, 55582), (16, 55561), (21, 55477), (22, 55351), (23, 55345), (24, 55300),

Gene: Colbert_62 Start: 54662, Stop: 54306, Start Num: 14
Candidate Starts for Colbert_62:
(4, 54950), (Start: 7 @54803 has 6 MA's), (Start: 11 @54743 has 49 MA's), (Start: 14 @54662 has 208 MA's), (15, 54596), (16, 54575), (21, 54491), (22, 54365), (23, 54359), (24, 54314),

Gene: Coletti_67 Start: 56164, Stop: 55808, Start Num: 14
Candidate Starts for Coletti_67:
(4, 56452), (Start: 7 @56305 has 6 MA's), (Start: 11 @56245 has 49 MA's), (Start: 14 @56164 has 208 MA's), (15, 56098), (16, 56077), (21, 55993), (22, 55867), (23, 55861), (24, 55816),

Gene: Cornbread_63 Start: 55128, Stop: 54772, Start Num: 14
Candidate Starts for Cornbread_63:
(4, 55416), (Start: 7 @55269 has 6 MA's), (Start: 11 @55209 has 49 MA's), (Start: 14 @55128 has 208 MA's), (15, 55062), (16, 55041), (21, 54957), (22, 54831), (23, 54825), (24, 54780),

Gene: Cornobble_63 Start: 55096, Stop: 54740, Start Num: 14
Candidate Starts for Cornobble_63:
(4, 55384), (Start: 7 @55237 has 6 MA's), (Start: 11 @55177 has 49 MA's), (Start: 14 @55096 has 208 MA's), (15, 55030), (16, 55009), (21, 54925), (22, 54799), (23, 54793), (24, 54748),

Gene: Cosmolli16_65 Start: 55806, Stop: 55450, Start Num: 14
Candidate Starts for Cosmolli16_65:
(4, 56094), (Start: 7 @55947 has 6 MA's), (Start: 11 @55887 has 49 MA's), (Start: 14 @55806 has 208 MA's), (15, 55740), (16, 55719), (21, 55635), (22, 55509), (23, 55503), (24, 55458),

Gene: Craff_67 Start: 56132, Stop: 55695, Start Num: 11
Candidate Starts for Craff_67:
(4, 56339), (Start: 7 @56192 has 6 MA's), (Start: 11 @56132 has 49 MA's), (Start: 14 @56051 has 208 MA's), (15, 55985), (16, 55964), (19, 55901), (21, 55880), (22, 55754), (23, 55748), (24, 55703),

Gene: Crownjwl_63 Start: 55125, Stop: 54769, Start Num: 14
Candidate Starts for Crownjwl_63:
(4, 55413), (Start: 7 @55266 has 6 MA's), (Start: 11 @55206 has 49 MA's), (Start: 14 @55125 has 208 MA's), (15, 55059), (16, 55038), (19, 54975), (21, 54954), (22, 54828), (23, 54822), (24, 54777),

Gene: DaddyDaniels_66 Start: 55584, Stop: 55228, Start Num: 14
Candidate Starts for DaddyDaniels_66:
(4, 55872), (Start: 7 @55725 has 6 MA's), (Start: 11 @55665 has 49 MA's), (Start: 14 @55584 has 208 MA's), (15, 55518), (16, 55497), (21, 55413), (22, 55287), (23, 55281), (24, 55236),

Gene: Daffy_63 Start: 55089, Stop: 54733, Start Num: 14
Candidate Starts for Daffy_63:
(4, 55377), (Start: 7 @55230 has 6 MA's), (Start: 11 @55170 has 49 MA's), (Start: 14 @55089 has 208 MA's), (15, 55023), (16, 55002), (21, 54918), (22, 54792), (23, 54786), (24, 54741),

Gene: Daka_67 Start: 55605, Stop: 55249, Start Num: 14
Candidate Starts for Daka_67:
(4, 55893), (Start: 7 @55746 has 6 MA's), (Start: 11 @55686 has 49 MA's), (Start: 14 @55605 has 208 MA's), (15, 55539), (16, 55518), (21, 55434), (22, 55308), (23, 55302), (24, 55257),

Gene: Dati_62 Start: 55432, Stop: 55100, Start Num: 13
Candidate Starts for Dati_62:
(5, 55720), (Start: 8 @55573 has 1 MA's), (Start: 11 @55513 has 49 MA's), (Start: 13 @55432 has 31 MA's), (15, 55366), (16, 55345), (19, 55282), (21, 55261), (22, 55135), (23, 55129),

Gene: DelRivs_62 Start: 55074, Stop: 54718, Start Num: 14
Candidate Starts for DelRivs_62:
(4, 55362), (Start: 7 @55215 has 6 MA's), (Start: 9 @55197 has 1 MA's), (Start: 11 @55155 has 49 MA's), (Start: 14 @55074 has 208 MA's), (15, 55008), (16, 54987), (21, 54903), (22, 54777), (23, 54771), (24, 54726),

Gene: Derpp_64 Start: 55269, Stop: 54832, Start Num: 11
Candidate Starts for Derpp_64:
(4, 55476), (Start: 7 @55329 has 6 MA's), (Start: 11 @55269 has 49 MA's), (Start: 13 @55188 has 31 MA's), (15, 55122), (16, 55101), (18, 55056), (21, 55017), (22, 54891), (23, 54885), (24, 54840),

Gene: Dice_63 Start: 55072, Stop: 54716, Start Num: 14
Candidate Starts for Dice_63:
(4, 55360), (Start: 7 @55213 has 6 MA's), (Start: 11 @55153 has 49 MA's), (Start: 14 @55072 has 208 MA's), (15, 55006), (16, 54985), (21, 54901), (22, 54775), (23, 54769), (24, 54724),

Gene: Dingo_62 Start: 54631, Stop: 54275, Start Num: 14
Candidate Starts for Dingo_62:
(4, 54919), (Start: 7 @54772 has 6 MA's), (Start: 11 @54712 has 49 MA's), (Start: 14 @54631 has 208 MA's), (15, 54565), (16, 54544), (21, 54460), (22, 54334), (23, 54328), (24, 54283),

Gene: Dione_62 Start: 54803, Stop: 54447, Start Num: 14
Candidate Starts for Dione_62:
(4, 55091), (Start: 7 @54944 has 6 MA's), (Start: 11 @54884 has 49 MA's), (Start: 14 @54803 has 208 MA's), (15, 54737), (16, 54716), (21, 54632), (22, 54506), (23, 54500), (24, 54455),

Gene: DirtJuice_65 Start: 55393, Stop: 55037, Start Num: 14
Candidate Starts for DirtJuice_65:
(4, 55681), (Start: 7 @55534 has 6 MA's), (Start: 11 @55474 has 49 MA's), (Start: 14 @55393 has 208 MA's), (15, 55327), (16, 55306), (21, 55222), (22, 55096), (23, 55090), (24, 55045),

Gene: Doddsville_63 Start: 55232, Stop: 54819, Start Num: 11
Candidate Starts for Doddsville_63:

(5, 55439), (Start: 8 @55292 has 1 MA's), (Start: 11 @55232 has 49 MA's), (Start: 13 @55151 has 31 MA's), (15, 55085), (16, 55064), (19, 55001), (21, 54980), (22, 54854), (23, 54848),

Gene: DoesntMatter_61 Start: 55177, Stop: 54740, Start Num: 11
Candidate Starts for DoesntMatter_61:
(4, 55384), (Start: 7 @55237 has 6 MA's), (Start: 11 @55177 has 49 MA's), (Start: 14 @55096 has 208 MA's), (15, 55030), (16, 55009), (21, 54925), (22, 54799), (23, 54793), (24, 54748),

Gene: DolOn_69 Start: 56551, Stop: 56195, Start Num: 13
Candidate Starts for DolOn_69:
(4, 56839), (Start: 7 @56692 has 6 MA's), (Start: 11 @56632 has 49 MA's), (Start: 13 @56551 has 31 MA's), (15, 56485), (16, 56464), (18, 56419), (21, 56380), (22, 56254), (23, 56248), (24, 56203),

Gene: DonSanchon_61 Start: 54786, Stop: 54430, Start Num: 14
Candidate Starts for DonSanchon_61:
(4, 55074), (Start: 7 @54927 has 6 MA's), (Start: 11 @54867 has 49 MA's), (Start: 14 @54786 has 208 MA's), (15, 54720), (16, 54699), (21, 54615), (22, 54489), (23, 54483), (24, 54438),

Gene: DuchessDung_64 Start: 54669, Stop: 54337, Start Num: 13
Candidate Starts for DuchessDung_64:
(5, 54957), (Start: 8 @54810 has 1 MA's), (Start: 11 @54750 has 49 MA's), (Start: 13 @54669 has 31 MA's), (15, 54603), (16, 54582), (19, 54519), (21, 54498), (22, 54372), (23, 54366),

Gene: Duggie_64 Start: 55347, Stop: 54991, Start Num: 14
Candidate Starts for Duggie_64:
(4, 55635), (Start: 7 @55488 has 6 MA's), (Start: 9 @55470 has 1 MA's), (Start: 11 @55428 has 49 MA's), (Start: 14 @55347 has 208 MA's), (15, 55281), (16, 55260), (21, 55176), (22, 55050), (23, 55044), (24, 54999),

Gene: Durga_67 Start: 55836, Stop: 55480, Start Num: 14
Candidate Starts for Durga_67:
(4, 56124), (Start: 7 @55977 has 6 MA's), (Start: 9 @55959 has 1 MA's), (Start: 11 @55917 has 49 MA's), (Start: 14 @55836 has 208 MA's), (15, 55770), (16, 55749), (21, 55665), (22, 55539), (23, 55533), (24, 55488),

Gene: ElvisPhasley_65 Start: 55832, Stop: 55476, Start Num: 14
Candidate Starts for ElvisPhasley_65:
(4, 56120), (Start: 7 @55973 has 6 MA's), (Start: 11 @55913 has 49 MA's), (Start: 14 @55832 has 208 MA's), (15, 55766), (16, 55745), (21, 55661), (22, 55535), (23, 55529), (24, 55484),

Gene: EmGer13_65 Start: 55106, Stop: 54750, Start Num: 14
Candidate Starts for EmGer13_65:
(4, 55394), (Start: 7 @55247 has 6 MA's), (Start: 11 @55187 has 49 MA's), (Start: 14 @55106 has 208 MA's), (15, 55040), (21, 54935), (22, 54809), (23, 54803), (24, 54758),

Gene: Emiris_66 Start: 55803, Stop: 55447, Start Num: 14
Candidate Starts for Emiris_66:
(4, 56091), (Start: 7 @55944 has 6 MA's), (Start: 11 @55884 has 49 MA's), (Start: 14 @55803 has 208 MA's), (15, 55737), (16, 55716), (21, 55632), (22, 55506), (23, 55500), (24, 55455),

Gene: EmpTee_63 Start: 55453, Stop: 54956, Start Num: 7
Candidate Starts for EmpTee_63:

(4, 55600), (Start: 7 @55453 has 6 MA's), (Start: 11 @55393 has 49 MA's), (Start: 14 @55312 has 208 MA's), (15, 55246), (16, 55225), (19, 55162), (21, 55141), (22, 55015), (23, 55009), (24, 54964),

Gene: Eremos_63 Start: 55383, Stop: 54946, Start Num: 11
Candidate Starts for Eremos_63:
(4, 55590), (Start: 7 @55443 has 6 MA's), (Start: 11 @55383 has 49 MA's), (Start: 14 @55302 has 208 MA's), (15, 55236), (16, 55215), (21, 55131), (22, 55005), (23, 54999), (24, 54954),

Gene: Etaye_64 Start: 55945, Stop: 55613, Start Num: 13
Candidate Starts for Etaye_64:
(5, 56233), (Start: 8 @56086 has 1 MA's), (Start: 11 @56026 has 49 MA's), (Start: 13 @55945 has 31 MA's), (15, 55879), (16, 55858), (19, 55795), (21, 55774), (22, 55648), (23, 55642),

Gene: Eugenia_64 Start: 55455, Stop: 55099, Start Num: 14
Candidate Starts for Eugenia_64:
(4, 55743), (Start: 7 @55596 has 6 MA's), (Start: 11 @55536 has 49 MA's), (Start: 14 @55455 has 208 MA's), (15, 55389), (16, 55368), (21, 55284), (22, 55158), (23, 55152), (24, 55107),

Gene: Fang_65 Start: 55348, Stop: 54992, Start Num: 14
Candidate Starts for Fang_65:
(4, 55636), (Start: 7 @55489 has 6 MA's), (Start: 11 @55429 has 49 MA's), (Start: 14 @55348 has 208 MA's), (15, 55282), (16, 55261), (21, 55177), (22, 55051), (23, 55045), (24, 55000),

Gene: Flake_65 Start: 55344, Stop: 54988, Start Num: 14
Candidate Starts for Flake_65:
(4, 55632), (Start: 7 @55485 has 6 MA's), (Start: 11 @55425 has 49 MA's), (Start: 14 @55344 has 208 MA's), (15, 55278), (16, 55257), (21, 55173), (22, 55047), (23, 55041), (24, 54996),

Gene: FleetyMac_64 Start: 55286, Stop: 54930, Start Num: 14
Candidate Starts for FleetyMac_64:
(4, 55574), (Start: 7 @55427 has 6 MA's), (Start: 11 @55367 has 49 MA's), (Start: 14 @55286 has 208 MA's), (15, 55220), (16, 55199), (21, 55115), (22, 54989), (23, 54983), (24, 54938),

Gene: FluffyNinja_65 Start: 55368, Stop: 55012, Start Num: 14
Candidate Starts for FluffyNinja_65:
(4, 55656), (Start: 7 @55509 has 6 MA's), (Start: 11 @55449 has 49 MA's), (Start: 14 @55368 has 208 MA's), (15, 55302), (21, 55197), (22, 55071), (23, 55065), (24, 55020),

Gene: Fozzie_64 Start: 55594, Stop: 55238, Start Num: 14
Candidate Starts for Fozzie_64:
(4, 55882), (Start: 7 @55735 has 6 MA's), (Start: 11 @55675 has 49 MA's), (Start: 14 @55594 has 208 MA's), (15, 55528), (16, 55507), (21, 55423), (22, 55297), (23, 55291), (24, 55246),

Gene: Frankicide_62 Start: 55134, Stop: 54778, Start Num: 14
Candidate Starts for Frankicide_62:
(4, 55422), (Start: 7 @55275 has 6 MA's), (Start: 11 @55215 has 49 MA's), (Start: 14 @55134 has 208 MA's), (15, 55068), (16, 55047), (21, 54963), (22, 54837), (23, 54831), (24, 54786),

Gene: FremontTroll_64 Start: 55700, Stop: 55344, Start Num: 14
Candidate Starts for FremontTroll_64:
(4, 55988), (Start: 7 @55841 has 6 MA's), (Start: 11 @55781 has 49 MA's), (Start: 14 @55700 has 208 MA's), (15, 55634), (16, 55613), (21, 55529), (22, 55403), (23, 55397), (24, 55352),

Gene: Freya_61 Start: 54794, Stop: 54438, Start Num: 14
Candidate Starts for Freya_61:
(4, 55082), (Start: 7 @54935 has 6 MA's), (Start: 11 @54875 has 49 MA's), (Start: 14 @54794 has 208 MA's), (15, 54728), (16, 54707), (21, 54623), (22, 54497), (23, 54491), (24, 54446),

Gene: FriarPreacher_63 Start: 55268, Stop: 54831, Start Num: 11
Candidate Starts for FriarPreacher_63:
(4, 55475), (Start: 7 @55328 has 6 MA's), (Start: 11 @55268 has 49 MA's), (Start: 14 @55187 has 208 MA's), (15, 55121), (16, 55100), (21, 55016), (22, 54890), (23, 54884), (24, 54839),

Gene: Fringe_68 Start: 56051, Stop: 55614, Start Num: 11
Candidate Starts for Fringe_68:
(4, 56258), (Start: 7 @56111 has 6 MA's), (Start: 11 @56051 has 49 MA's), (Start: 14 @55970 has 208 MA's), (15, 55904), (16, 55883), (18, 55838), (21, 55799), (22, 55673), (23, 55667), (24, 55622),

Gene: FugateOSU_65 Start: 56139, Stop: 55783, Start Num: 14
Candidate Starts for FugateOSU_65:
(4, 56427), (Start: 7 @56280 has 6 MA's), (Start: 11 @56220 has 49 MA's), (Start: 14 @56139 has 208 MA's), (15, 56073), (16, 56052), (21, 55968), (22, 55842), (23, 55836), (24, 55791),

Gene: Gareth_64 Start: 55673, Stop: 55236, Start Num: 11
Candidate Starts for Gareth_64:
(4, 55880), (Start: 7 @55733 has 6 MA's), (Start: 11 @55673 has 49 MA's), (Start: 14 @55592 has 208 MA's), (15, 55526), (16, 55505), (21, 55421), (22, 55295), (23, 55289), (24, 55244),

Gene: GeneCoco_65 Start: 55636, Stop: 55280, Start Num: 13
Candidate Starts for GeneCoco_65:
(4, 55924), (Start: 7 @55777 has 6 MA's), (Start: 11 @55717 has 49 MA's), (Start: 13 @55636 has 31 MA's), (15, 55570), (16, 55549), (18, 55504), (21, 55465), (22, 55339), (23, 55333), (24, 55288),

Gene: Giraffe_64 Start: 55668, Stop: 55231, Start Num: 11
Candidate Starts for Giraffe_64:
(4, 55875), (Start: 7 @55728 has 6 MA's), (Start: 11 @55668 has 49 MA's), (Start: 14 @55587 has 208 MA's), (15, 55521), (16, 55500), (21, 55416), (22, 55290), (23, 55284), (24, 55239),

Gene: Gophee_65 Start: 55578, Stop: 55222, Start Num: 14
Candidate Starts for Gophee_65:
(4, 55866), (Start: 7 @55719 has 6 MA's), (Start: 11 @55659 has 49 MA's), (Start: 14 @55578 has 208 MA's), (15, 55512), (16, 55491), (21, 55407), (22, 55281), (23, 55275), (24, 55230),

Gene: Grand2040_63 Start: 55581, Stop: 55225, Start Num: 14
Candidate Starts for Grand2040_63:
(4, 55869), (Start: 7 @55722 has 6 MA's), (Start: 11 @55662 has 49 MA's), (Start: 14 @55581 has 208 MA's), (15, 55515), (16, 55494), (21, 55410), (22, 55284), (23, 55278), (24, 55233),

Gene: GreenChile_65 Start: 55115, Stop: 54759, Start Num: 14
Candidate Starts for GreenChile_65:
(4, 55403), (Start: 7 @55256 has 6 MA's), (Start: 11 @55196 has 49 MA's), (Start: 14 @55115 has 208 MA's), (15, 55049), (16, 55028), (21, 54944), (22, 54818), (23, 54812), (24, 54767),

Gene: Gwennie1_62 Start: 55273, Stop: 54860, Start Num: 11
Candidate Starts for Gwennie1_62:

(5, 55480), (Start: 8 @55333 has 1 MA's), (Start: 11 @55273 has 49 MA's), (Start: 13 @55192 has 31 MA's), (15, 55126), (16, 55105), (21, 55021), (22, 54895), (23, 54889),

Gene: Gwilliam_65 Start: 55986, Stop: 55630, Start Num: 13
Candidate Starts for Gwilliam_65:
(4, 56274), (Start: 7 @56127 has 6 MA's), (Start: 11 @56067 has 49 MA's), (Start: 13 @55986 has 31 MA's), (15, 55920), (16, 55899), (18, 55854), (21, 55815), (22, 55689), (23, 55683), (24, 55638),

Gene: Gyarad_0063 Start: 54749, Stop: 54312, Start Num: 11
Candidate Starts for Gyarad_0063:
(4, 54956), (Start: 7 @54809 has 6 MA's), (Start: 11 @54749 has 49 MA's), (Start: 14 @54668 has 208 MA's), (15, 54602), (16, 54581), (18, 54536), (21, 54497), (22, 54371), (23, 54365), (24, 54320),

Gene: HSavage_62 Start: 55193, Stop: 54756, Start Num: 11
Candidate Starts for HSavage_62:
(4, 55400), (Start: 7 @55253 has 6 MA's), (Start: 11 @55193 has 49 MA's), (Start: 14 @55112 has 208 MA's), (15, 55046), (16, 55025), (21, 54941), (22, 54815), (23, 54809), (24, 54764),

Gene: Haimas_63 Start: 55029, Stop: 54673, Start Num: 14
Candidate Starts for Haimas_63:
(4, 55317), (Start: 7 @55170 has 6 MA's), (Start: 11 @55110 has 49 MA's), (Start: 14 @55029 has 208 MA's), (15, 54963), (16, 54942), (21, 54858), (22, 54732), (23, 54726), (24, 54681),

Gene: Haleema_63 Start: 55214, Stop: 54777, Start Num: 11
Candidate Starts for Haleema_63:
(4, 55421), (Start: 7 @55274 has 6 MA's), (Start: 11 @55214 has 49 MA's), (Start: 14 @55133 has 208 MA's), (15, 55067), (16, 55046), (21, 54962), (22, 54836), (23, 54830), (24, 54785),

Gene: Hamish_62 Start: 55023, Stop: 54667, Start Num: 14
Candidate Starts for Hamish_62:
(4, 55311), (Start: 7 @55164 has 6 MA's), (Start: 11 @55104 has 49 MA's), (Start: 14 @55023 has 208 MA's), (15, 54957), (16, 54936), (21, 54852), (22, 54726), (23, 54720), (24, 54675),

Gene: Happabalu_63 Start: 55975, Stop: 55643, Start Num: 13
Candidate Starts for Happabalu_63:
(5, 56263), (Start: 8 @56116 has 1 MA's), (Start: 11 @56056 has 49 MA's), (Start: 13 @55975 has 31 MA's), (15, 55909), (16, 55888), (19, 55825), (21, 55804), (22, 55678), (23, 55672),

Gene: Hartsy_63 Start: 55273, Stop: 54941, Start Num: 13
Candidate Starts for Hartsy_63:
(5, 55561), (Start: 8 @55414 has 1 MA's), (Start: 11 @55354 has 49 MA's), (Start: 13 @55273 has 31 MA's), (15, 55207), (16, 55186), (19, 55123), (21, 55102), (22, 54976), (23, 54970),

Gene: Harvey_62 Start: 55116, Stop: 54760, Start Num: 14
Candidate Starts for Harvey_62:
(4, 55404), (Start: 7 @55257 has 6 MA's), (Start: 11 @55197 has 49 MA's), (Start: 14 @55116 has 208 MA's), (15, 55050), (16, 55029), (21, 54945), (22, 54819), (23, 54813), (24, 54768),

Gene: Hekos_62 Start: 54659, Stop: 54303, Start Num: 14
Candidate Starts for Hekos_62:
(4, 54947), (Start: 7 @54800 has 6 MA's), (Start: 11 @54740 has 49 MA's), (Start: 14 @54659 has 208 MA's), (15, 54593), (16, 54572), (21, 54488), (22, 54362), (23, 54356), (24, 54311),

Gene: Held_63 Start: 55171, Stop: 54734, Start Num: 11
Candidate Starts for Held_63:
(4, 55378), (Start: 7 @55231 has 6 MA's), (Start: 11 @55171 has 49 MA's), (Start: 14 @55090 has 208 MA's), (15, 55024), (16, 55003), (21, 54919), (22, 54793), (23, 54787), (24, 54742),

Gene: HenryJackson_64 Start: 55616, Stop: 55260, Start Num: 14
Candidate Starts for HenryJackson_64:
(4, 55904), (Start: 7 @55757 has 6 MA's), (Start: 11 @55697 has 49 MA's), (Start: 14 @55616 has 208 MA's), (15, 55550), (16, 55529), (21, 55445), (22, 55319), (23, 55313), (24, 55268),

Gene: Hertubise_63 Start: 55463, Stop: 55026, Start Num: 11
Candidate Starts for Hertubise_63:
(4, 55670), (Start: 7 @55523 has 6 MA's), (Start: 11 @55463 has 49 MA's), (Start: 14 @55382 has 208 MA's), (15, 55316), (16, 55295), (21, 55211), (22, 55085), (23, 55079), (24, 55034),

Gene: Hetaeria_63 Start: 55321, Stop: 54965, Start Num: 14
Candidate Starts for Hetaeria_63:
(12, 55378), (Start: 14 @55321 has 208 MA's), (15, 55255), (16, 55234), (21, 55150), (22, 55024), (23, 55018), (24, 54973),

Gene: HighStump_66 Start: 55593, Stop: 55237, Start Num: 14
Candidate Starts for HighStump_66:
(4, 55881), (Start: 7 @55734 has 6 MA's), (Start: 11 @55674 has 49 MA's), (Start: 14 @55593 has 208 MA's), (15, 55527), (16, 55506), (21, 55422), (22, 55296), (23, 55290), (24, 55245),

Gene: Hocus_63 Start: 55077, Stop: 54721, Start Num: 14
Candidate Starts for Hocus_63:
(4, 55365), (Start: 7 @55218 has 6 MA's), (Start: 11 @55158 has 49 MA's), (Start: 14 @55077 has 208 MA's), (15, 55011), (16, 54990), (21, 54906), (22, 54780), (23, 54774), (24, 54729),

Gene: HogWash_64 Start: 55967, Stop: 55635, Start Num: 13
Candidate Starts for HogWash_64:
(5, 56255), (Start: 8 @56108 has 1 MA's), (Start: 11 @56048 has 49 MA's), (Start: 13 @55967 has 31 MA's), (15, 55901), (16, 55880), (19, 55817), (21, 55796), (22, 55670), (23, 55664),

Gene: Horchata_62 Start: 55112, Stop: 54756, Start Num: 14
Candidate Starts for Horchata_62:
(4, 55400), (Start: 7 @55253 has 6 MA's), (Start: 11 @55193 has 49 MA's), (Start: 14 @55112 has 208 MA's), (15, 55046), (16, 55025), (21, 54941), (22, 54815), (23, 54809), (24, 54764),

Gene: ImtiyazSitla_65 Start: 55320, Stop: 54964, Start Num: 13
Candidate Starts for ImtiyazSitla_65:
(4, 55608), (Start: 7 @55461 has 6 MA's), (Start: 11 @55401 has 49 MA's), (Start: 13 @55320 has 31 MA's), (15, 55254), (16, 55233), (18, 55188), (19, 55170), (21, 55149), (22, 55023), (23, 55017), (24, 54972),

Gene: Inchworm_66 Start: 55471, Stop: 55115, Start Num: 13
Candidate Starts for Inchworm_66:
(4, 55759), (Start: 7 @55612 has 6 MA's), (Start: 11 @55552 has 49 MA's), (Start: 13 @55471 has 31 MA's), (15, 55405), (16, 55384), (18, 55339), (19, 55321), (21, 55300), (22, 55174), (23, 55168), (24, 55123),

Gene: Inverness_63 Start: 55120, Stop: 54764, Start Num: 14

Candidate Starts for Inverness_63:
(4, 55408), (Start: 7 @55261 has 6 MA's), (Start: 11 @55201 has 49 MA's), (Start: 14 @55120 has 208 MA's), (15, 55054), (16, 55033), (19, 54970), (21, 54949), (22, 54823), (23, 54817), (24, 54772),

Gene: Iridessa_65 Start: 55038, Stop: 54682, Start Num: 14
Candidate Starts for Iridessa_65:
(12, 55095), (Start: 14 @55038 has 208 MA's), (15, 54972), (16, 54951), (18, 54906), (19, 54888), (21, 54867), (22, 54741), (23, 54735), (24, 54690),

Gene: Iridoclysis_64 Start: 55404, Stop: 55048, Start Num: 14
Candidate Starts for Iridoclysis_64:
(4, 55692), (Start: 7 @55545 has 6 MA's), (Start: 11 @55485 has 49 MA's), (Start: 14 @55404 has 208 MA's), (15, 55338), (16, 55317), (21, 55233), (22, 55107), (23, 55101), (24, 55056),

Gene: IsaacEli_65 Start: 55603, Stop: 55247, Start Num: 14
Candidate Starts for IsaacEli_65:
(12, 55660), (Start: 14 @55603 has 208 MA's), (15, 55537), (16, 55516), (21, 55432), (22, 55306), (23, 55300), (24, 55255),

Gene: JDog_63 Start: 55626, Stop: 55270, Start Num: 14
Candidate Starts for JDog_63:
(4, 55914), (Start: 7 @55767 has 6 MA's), (Start: 11 @55707 has 49 MA's), (Start: 14 @55626 has 208 MA's), (15, 55560), (16, 55539), (21, 55455), (22, 55329), (23, 55323), (24, 55278),

Gene: JacAttac_65 Start: 55147, Stop: 54710, Start Num: 11
Candidate Starts for JacAttac_65:
(4, 55354), (Start: 7 @55207 has 6 MA's), (Start: 11 @55147 has 49 MA's), (Start: 14 @55066 has 208 MA's), (15, 55000), (16, 54979), (21, 54895), (22, 54769), (23, 54763), (24, 54718),

Gene: JakeO_65 Start: 55349, Stop: 54993, Start Num: 14
Candidate Starts for JakeO_65:
(4, 55637), (Start: 7 @55490 has 6 MA's), (Start: 9 @55472 has 1 MA's), (Start: 11 @55430 has 49 MA's), (Start: 14 @55349 has 208 MA's), (15, 55283), (16, 55262), (21, 55178), (22, 55052), (23, 55046), (24, 55001),

Gene: JangoPhett_64 Start: 55407, Stop: 55051, Start Num: 14
Candidate Starts for JangoPhett_64:
(4, 55695), (Start: 7 @55548 has 6 MA's), (Start: 11 @55488 has 49 MA's), (Start: 14 @55407 has 208 MA's), (15, 55341), (16, 55320), (21, 55236), (22, 55110), (23, 55104), (24, 55059),

Gene: Jbug01_65 Start: 54991, Stop: 54635, Start Num: 14
Candidate Starts for Jbug01_65:
(4, 55279), (Start: 7 @55132 has 6 MA's), (Start: 11 @55072 has 49 MA's), (Start: 14 @54991 has 208 MA's), (15, 54925), (16, 54904), (21, 54820), (22, 54694), (23, 54688), (24, 54643),

Gene: Jesabah_66 Start: 56205, Stop: 55849, Start Num: 14
Candidate Starts for Jesabah_66:
(4, 56493), (Start: 7 @56346 has 6 MA's), (Start: 11 @56286 has 49 MA's), (Start: 14 @56205 has 208 MA's), (15, 56139), (16, 56118), (21, 56034), (22, 55908), (23, 55902), (24, 55857),

Gene: Jillium_64 Start: 55611, Stop: 55255, Start Num: 14
Candidate Starts for Jillium_64:

(4, 55899), (Start: 7 @55752 has 6 MA's), (Start: 11 @55692 has 49 MA's), (Start: 14 @55611 has 208 MA's), (15, 55545), (16, 55524), (21, 55440), (22, 55314), (23, 55308), (24, 55263),

Gene: Jiminy_65 Start: 55185, Stop: 54829, Start Num: 14
Candidate Starts for Jiminy_65:
(4, 55473), (Start: 7 @55326 has 6 MA's), (Start: 9 @55308 has 1 MA's), (Start: 11 @55266 has 49 MA's), (Start: 14 @55185 has 208 MA's), (15, 55119), (16, 55098), (21, 55014), (22, 54888), (23, 54882), (24, 54837),

Gene: Jiraiya_65 Start: 55383, Stop: 55027, Start Num: 14
Candidate Starts for Jiraiya_65:
(4, 55671), (Start: 7 @55524 has 6 MA's), (Start: 11 @55464 has 49 MA's), (Start: 14 @55383 has 208 MA's), (15, 55317), (16, 55296), (21, 55212), (22, 55086), (23, 55080), (24, 55035),

Gene: KLucky39_62 Start: 54667, Stop: 54311, Start Num: 14
Candidate Starts for KLucky39_62:
(4, 54955), (Start: 7 @54808 has 6 MA's), (Start: 11 @54748 has 49 MA's), (Start: 14 @54667 has 208 MA's), (15, 54601), (16, 54580), (21, 54496), (22, 54370), (23, 54364), (24, 54319),

Gene: Kahve_64 Start: 55613, Stop: 55257, Start Num: 14
Candidate Starts for Kahve_64:
(4, 55901), (Start: 7 @55754 has 6 MA's), (Start: 11 @55694 has 49 MA's), (Start: 14 @55613 has 208 MA's), (15, 55547), (16, 55526), (21, 55442), (22, 55316), (23, 55310), (24, 55265),

Gene: Kailash_63 Start: 55592, Stop: 55179, Start Num: 11
Candidate Starts for Kailash_63:
(5, 55799), (Start: 8 @55652 has 1 MA's), (Start: 11 @55592 has 49 MA's), (Start: 13 @55511 has 31 MA's), (15, 55445), (16, 55424), (19, 55361), (21, 55340), (22, 55214), (23, 55208),

Gene: Karn_65 Start: 55345, Stop: 54989, Start Num: 14
Candidate Starts for Karn_65:
(4, 55633), (Start: 7 @55486 has 6 MA's), (Start: 9 @55468 has 1 MA's), (Start: 11 @55426 has 49 MA's), (Start: 14 @55345 has 208 MA's), (15, 55279), (16, 55258), (21, 55174), (22, 55048), (23, 55042), (24, 54997),

Gene: Katniss_65 Start: 55051, Stop: 54695, Start Num: 14
Candidate Starts for Katniss_65:
(4, 55339), (Start: 7 @55192 has 6 MA's), (Start: 11 @55132 has 49 MA's), (Start: 14 @55051 has 208 MA's), (15, 54985), (16, 54964), (21, 54880), (22, 54754), (23, 54748), (24, 54703),

Gene: Keitherie_66 Start: 55674, Stop: 55318, Start Num: 14
Candidate Starts for Keitherie_66:
(4, 55962), (Start: 7 @55815 has 6 MA's), (Start: 11 @55755 has 49 MA's), (Start: 14 @55674 has 208 MA's), (15, 55608), (16, 55587), (21, 55503), (22, 55377), (23, 55371), (24, 55326),

Gene: Khan1_64 Start: 55569, Stop: 55213, Start Num: 14
Candidate Starts for Khan1_64:
(4, 55857), (Start: 7 @55710 has 6 MA's), (Start: 9 @55692 has 1 MA's), (Start: 11 @55650 has 49 MA's), (Start: 14 @55569 has 208 MA's), (15, 55503), (16, 55482), (21, 55398), (22, 55272), (23, 55266), (24, 55221),

Gene: Kikipoo_65 Start: 55603, Stop: 55247, Start Num: 14
Candidate Starts for Kikipoo_65:

(12, 55660), (Start: 14 @55603 has 208 MA's), (15, 55537), (16, 55516), (21, 55432), (22, 55306), (23, 55300), (24, 55255),

Gene: Kimbrough_65 Start: 55654, Stop: 55298, Start Num: 14
Candidate Starts for Kimbrough_65:
(4, 55942), (Start: 7 @55795 has 6 MA's), (Start: 11 @55735 has 49 MA's), (Start: 14 @55654 has 208 MA's), (15, 55588), (16, 55567), (19, 55504), (21, 55483), (22, 55357), (23, 55351), (24, 55306),

Gene: KingTut_56 Start: 51818, Stop: 51462, Start Num: 14
Candidate Starts for KingTut_56:
(4, 52106), (Start: 7 @51959 has 6 MA's), (Start: 11 @51899 has 49 MA's), (Start: 14 @51818 has 208 MA's), (15, 51752), (16, 51731), (21, 51647), (22, 51521), (23, 51515), (24, 51470),

Gene: KingVeVeVe_63 Start: 54702, Stop: 54265, Start Num: 11
Candidate Starts for KingVeVeVe_63:
(4, 54909), (Start: 7 @54762 has 6 MA's), (Start: 11 @54702 has 49 MA's), (Start: 14 @54621 has 208 MA's), (15, 54555), (16, 54534), (19, 54471), (21, 54450), (22, 54324), (23, 54318), (24, 54273),

Gene: Kiwot_65 Start: 55264, Stop: 54932, Start Num: 13
Candidate Starts for Kiwot_65:
(5, 55552), (Start: 8 @55405 has 1 MA's), (Start: 9 @55387 has 1 MA's), (Start: 11 @55345 has 49 MA's), (Start: 13 @55264 has 31 MA's), (15, 55198), (16, 55177), (21, 55093), (22, 54967), (23, 54961),

Gene: KlimbOn_64 Start: 55112, Stop: 54756, Start Num: 14
Candidate Starts for KlimbOn_64:
(4, 55400), (Start: 7 @55253 has 6 MA's), (Start: 11 @55193 has 49 MA's), (Start: 14 @55112 has 208 MA's), (15, 55046), (16, 55025), (21, 54941), (22, 54815), (23, 54809), (24, 54764),

Gene: Kloppinator_65 Start: 55263, Stop: 54907, Start Num: 14
Candidate Starts for Kloppinator_65:
(4, 55551), (Start: 7 @55404 has 6 MA's), (Start: 11 @55344 has 49 MA's), (Start: 14 @55263 has 208 MA's), (15, 55197), (16, 55176), (21, 55092), (22, 54966), (23, 54960), (24, 54915),

Gene: Kwadwo_63 Start: 55064, Stop: 54708, Start Num: 14
Candidate Starts for Kwadwo_63:
(4, 55352), (Start: 7 @55205 has 6 MA's), (Start: 11 @55145 has 49 MA's), (Start: 14 @55064 has 208 MA's), (15, 54998), (16, 54977), (21, 54893), (22, 54767), (23, 54761), (24, 54716),

Gene: Kwksand96_65 Start: 55341, Stop: 54844, Start Num: 7
Candidate Starts for Kwksand96_65:
(4, 55488), (Start: 7 @55341 has 6 MA's), (Start: 11 @55281 has 49 MA's), (Start: 14 @55200 has 208 MA's), (15, 55134), (16, 55113), (21, 55029), (22, 54903), (23, 54897), (24, 54852),

Gene: Labeouficaum_65 Start: 55188, Stop: 54832, Start Num: 13
Candidate Starts for Labeouficaum_65:
(4, 55476), (Start: 7 @55329 has 6 MA's), (Start: 11 @55269 has 49 MA's), (Start: 13 @55188 has 31 MA's), (15, 55122), (16, 55101), (18, 55056), (21, 55017), (22, 54891), (23, 54885), (24, 54840),

Gene: Larson_68 Start: 55404, Stop: 55048, Start Num: 14
Candidate Starts for Larson_68:
(4, 55692), (Start: 7 @55545 has 6 MA's), (Start: 11 @55485 has 49 MA's), (Start: 14 @55404 has 208 MA's), (15, 55338), (16, 55317), (21, 55233), (22, 55107), (23, 55101), (24, 55056),

Gene: LasagnaCat_66 Start: 55483, Stop: 55127, Start Num: 13
Candidate Starts for LasagnaCat_66:
(4, 55771), (Start: 7 @55624 has 6 MA's), (Start: 11 @55564 has 49 MA's), (Start: 13 @55483 has 31 MA's), (15, 55417), (16, 55396), (18, 55351), (19, 55333), (21, 55312), (22, 55186), (23, 55180), (24, 55135),

Gene: Lasso_64 Start: 55339, Stop: 54983, Start Num: 14
Candidate Starts for Lasso_64:
(4, 55627), (Start: 7 @55480 has 6 MA's), (Start: 11 @55420 has 49 MA's), (Start: 14 @55339 has 208 MA's), (15, 55273), (16, 55252), (21, 55168), (22, 55042), (23, 55036), (24, 54991),

Gene: LeeLot_64 Start: 55775, Stop: 55338, Start Num: 11
Candidate Starts for LeeLot_64:
(4, 55982), (Start: 7 @55835 has 6 MA's), (Start: 11 @55775 has 49 MA's), (Start: 14 @55694 has 208 MA's), (15, 55628), (16, 55607), (21, 55523), (22, 55397), (23, 55391), (24, 55346),

Gene: Lego3393_62 Start: 55726, Stop: 55289, Start Num: 11
Candidate Starts for Lego3393_62:
(4, 55933), (Start: 7 @55786 has 6 MA's), (Start: 11 @55726 has 49 MA's), (Start: 14 @55645 has 208 MA's), (15, 55579), (16, 55558), (19, 55495), (21, 55474), (22, 55348), (23, 55342), (24, 55297),

Gene: Legolas_66 Start: 55433, Stop: 55077, Start Num: 14
Candidate Starts for Legolas_66:
(4, 55721), (Start: 7 @55574 has 6 MA's), (Start: 11 @55514 has 49 MA's), (Start: 14 @55433 has 208 MA's), (15, 55367), (16, 55346), (21, 55262), (22, 55136), (23, 55130), (24, 55085),

Gene: Lehmann_65 Start: 55206, Stop: 54850, Start Num: 14
Candidate Starts for Lehmann_65:
(4, 55494), (Start: 7 @55347 has 6 MA's), (Start: 11 @55287 has 49 MA's), (Start: 14 @55206 has 208 MA's), (15, 55140), (16, 55119), (21, 55035), (22, 54909), (23, 54903), (24, 54858),

Gene: LeiMonet_67 Start: 55638, Stop: 55201, Start Num: 11
Candidate Starts for LeiMonet_67:
(4, 55845), (Start: 7 @55698 has 6 MA's), (Start: 11 @55638 has 49 MA's), (Start: 14 @55557 has 208 MA's), (15, 55491), (16, 55470), (21, 55386), (22, 55260), (23, 55254), (24, 55209),

Gene: LemonSlice_65 Start: 55024, Stop: 54668, Start Num: 14
Candidate Starts for LemonSlice_65:
(4, 55312), (Start: 7 @55165 has 6 MA's), (Start: 11 @55105 has 49 MA's), (Start: 14 @55024 has 208 MA's), (15, 54958), (16, 54937), (21, 54853), (22, 54727), (23, 54721), (24, 54676),

Gene: Longacauda_65 Start: 55460, Stop: 55104, Start Num: 14
Candidate Starts for Longacauda_65:
(4, 55748), (Start: 7 @55601 has 6 MA's), (Start: 11 @55541 has 49 MA's), (Start: 14 @55460 has 208 MA's), (15, 55394), (16, 55373), (21, 55289), (22, 55163), (23, 55157), (24, 55112),

Gene: Lopsy_62 Start: 54752, Stop: 54396, Start Num: 14
Candidate Starts for Lopsy_62:
(4, 55040), (Start: 7 @54893 has 6 MA's), (Start: 11 @54833 has 49 MA's), (Start: 14 @54752 has 208 MA's), (15, 54686), (16, 54665), (21, 54581), (22, 54455), (23, 54449), (24, 54404),

Gene: LostAndPhound_64 Start: 55638, Stop: 55282, Start Num: 14

Candidate Starts for LostAndPhound_64:
(4, 55926), (Start: 7 @55779 has 6 MA's), (Start: 11 @55719 has 49 MA's), (Start: 14 @55638 has 208 MA's), (15, 55572), (16, 55551), (21, 55467), (22, 55341), (23, 55335), (24, 55290),

Gene: LuckyMarjie_62 Start: 54814, Stop: 54458, Start Num: 14
Candidate Starts for LuckyMarjie_62:
(4, 55102), (Start: 7 @54955 has 6 MA's), (Start: 11 @54895 has 49 MA's), (Start: 14 @54814 has 208 MA's), (15, 54748), (16, 54727), (21, 54643), (22, 54517), (23, 54511), (24, 54466),

Gene: Lulumae_61 Start: 54880, Stop: 54443, Start Num: 11
Candidate Starts for Lulumae_61:
(4, 55087), (Start: 7 @54940 has 6 MA's), (Start: 11 @54880 has 49 MA's), (Start: 14 @54799 has 208 MA's), (15, 54733), (16, 54712), (21, 54628), (22, 54502), (23, 54496), (24, 54451),

Gene: Lulwa_62 Start: 54396, Stop: 54040, Start Num: 14
Candidate Starts for Lulwa_62:
(4, 54684), (Start: 7 @54537 has 6 MA's), (Start: 11 @54477 has 49 MA's), (Start: 14 @54396 has 208 MA's), (15, 54330), (16, 54309), (21, 54225), (22, 54099), (23, 54093), (24, 54048),

Gene: Lumine_65 Start: 55283, Stop: 54927, Start Num: 14
Candidate Starts for Lumine_65:
(4, 55571), (Start: 7 @55424 has 6 MA's), (Start: 11 @55364 has 49 MA's), (Start: 14 @55283 has 208 MA's), (15, 55217), (16, 55196), (21, 55112), (22, 54986), (23, 54980), (24, 54935),

Gene: MRabcd_64 Start: 55407, Stop: 55051, Start Num: 14
Candidate Starts for MRabcd_64:
(4, 55695), (Start: 7 @55548 has 6 MA's), (Start: 11 @55488 has 49 MA's), (Start: 14 @55407 has 208 MA's), (15, 55341), (16, 55320), (21, 55236), (22, 55110), (23, 55104), (24, 55059),

Gene: Mag7_63 Start: 55055, Stop: 54723, Start Num: 13
Candidate Starts for Mag7_63:
(5, 55343), (Start: 8 @55196 has 1 MA's), (Start: 11 @55136 has 49 MA's), (Start: 13 @55055 has 31 MA's), (15, 54989), (16, 54968), (19, 54905), (21, 54884), (22, 54758), (23, 54752),

Gene: Magic8_65 Start: 55402, Stop: 55046, Start Num: 13
Candidate Starts for Magic8_65:
(4, 55690), (Start: 7 @55543 has 6 MA's), (Start: 11 @55483 has 49 MA's), (Start: 13 @55402 has 31 MA's), (15, 55336), (16, 55315), (18, 55270), (19, 55252), (21, 55231), (22, 55105), (23, 55099), (24, 55054),

Gene: Mana_63 Start: 55079, Stop: 54723, Start Num: 14
Candidate Starts for Mana_63:
(4, 55367), (Start: 7 @55220 has 6 MA's), (Start: 11 @55160 has 49 MA's), (Start: 14 @55079 has 208 MA's), (15, 55013), (16, 54992), (21, 54908), (22, 54782), (23, 54776), (24, 54731),

Gene: Manad_63 Start: 55363, Stop: 55007, Start Num: 14
Candidate Starts for Manad_63:
(12, 55420), (Start: 14 @55363 has 208 MA's), (15, 55297), (16, 55276), (19, 55213), (21, 55192), (22, 55066), (23, 55060), (24, 55015),

Gene: Maru_64 Start: 55519, Stop: 55163, Start Num: 14
Candidate Starts for Maru_64:

(4, 55807), (Start: 7 @55660 has 6 MA's), (Start: 11 @55600 has 49 MA's), (Start: 14 @55519 has 208 MA's), (15, 55453), (16, 55432), (21, 55348), (22, 55222), (23, 55216), (24, 55171),

Gene: Maskar_65 Start: 55320, Stop: 54964, Start Num: 13
Candidate Starts for Maskar_65:
(4, 55608), (Start: 7 @55461 has 6 MA's), (Start: 11 @55401 has 49 MA's), (Start: 13 @55320 has 31 MA's), (15, 55254), (16, 55233), (18, 55188), (19, 55170), (21, 55149), (22, 55023), (23, 55017), (24, 54972),

Gene: Matalotodo_63 Start: 55631, Stop: 55275, Start Num: 14
Candidate Starts for Matalotodo_63:
(4, 55919), (Start: 7 @55772 has 6 MA's), (Start: 11 @55712 has 49 MA's), (Start: 14 @55631 has 208 MA's), (15, 55565), (16, 55544), (21, 55460), (22, 55334), (23, 55328), (24, 55283),

Gene: Mcshane_63 Start: 55077, Stop: 54721, Start Num: 14
Candidate Starts for Mcshane_63:
(4, 55365), (Start: 7 @55218 has 6 MA's), (Start: 11 @55158 has 49 MA's), (Start: 14 @55077 has 208 MA's), (15, 55011), (16, 54990), (21, 54906), (22, 54780), (23, 54774), (24, 54729),

Gene: Mecca_64 Start: 55642, Stop: 55286, Start Num: 14
Candidate Starts for Mecca_64:
(4, 55930), (Start: 7 @55783 has 6 MA's), (Start: 11 @55723 has 49 MA's), (Start: 14 @55642 has 208 MA's), (15, 55576), (16, 55555), (21, 55471), (22, 55345), (23, 55339), (24, 55294),

Gene: Megamind20_65 Start: 55065, Stop: 54709, Start Num: 14
Candidate Starts for Megamind20_65:
(4, 55353), (Start: 7 @55206 has 6 MA's), (Start: 11 @55146 has 49 MA's), (Start: 14 @55065 has 208 MA's), (15, 54999), (16, 54978), (21, 54894), (22, 54768), (23, 54762), (24, 54717),

Gene: Megatron_64 Start: 55673, Stop: 55236, Start Num: 11
Candidate Starts for Megatron_64:
(4, 55880), (Start: 7 @55733 has 6 MA's), (Start: 11 @55673 has 49 MA's), (Start: 14 @55592 has 208 MA's), (15, 55526), (16, 55505), (21, 55421), (22, 55295), (23, 55289), (24, 55244),

Gene: Melc17_62 Start: 55720, Stop: 55388, Start Num: 13
Candidate Starts for Melc17_62:
(5, 56008), (Start: 8 @55861 has 1 MA's), (Start: 11 @55801 has 49 MA's), (Start: 13 @55720 has 31 MA's), (15, 55654), (16, 55633), (17, 55621), (19, 55570), (21, 55549), (22, 55423), (23, 55417),

Gene: MelsMeow_64 Start: 55373, Stop: 55017, Start Num: 14
Candidate Starts for MelsMeow_64:
(4, 55661), (Start: 7 @55514 has 6 MA's), (10, 55493), (Start: 11 @55454 has 49 MA's), (Start: 14 @55373 has 208 MA's), (15, 55307), (16, 55286), (21, 55202), (22, 55076), (23, 55070), (24, 55025),

Gene: Mesh1_65 Start: 55655, Stop: 55299, Start Num: 14
Candidate Starts for Mesh1_65:
(4, 55943), (Start: 7 @55796 has 6 MA's), (Start: 11 @55736 has 49 MA's), (Start: 14 @55655 has 208 MA's), (15, 55589), (16, 55568), (21, 55484), (22, 55358), (23, 55352), (24, 55307),

Gene: Mesmerelda_63 Start: 55635, Stop: 55279, Start Num: 14
Candidate Starts for Mesmerelda_63:
(4, 55923), (Start: 7 @55776 has 6 MA's), (Start: 11 @55716 has 49 MA's), (Start: 14 @55635 has 208 MA's), (15, 55569), (16, 55548), (21, 55464), (22, 55338), (23, 55332), (24, 55287),

Gene: MichaelPhcott_63 Start: 55052, Stop: 54720, Start Num: 13
Candidate Starts for MichaelPhcott_63:
(5, 55340), (Start: 8 @55193 has 1 MA's), (Start: 11 @55133 has 49 MA's), (Start: 13 @55052 has 31 MA's), (15, 54986), (16, 54965), (19, 54902), (21, 54881), (22, 54755), (23, 54749),

Gene: Mikota_62 Start: 54618, Stop: 54262, Start Num: 14
Candidate Starts for Mikota_62:
(4, 54906), (Start: 7 @54759 has 6 MA's), (Start: 11 @54699 has 49 MA's), (Start: 14 @54618 has 208 MA's), (15, 54552), (16, 54531), (21, 54447), (22, 54321), (23, 54315), (24, 54270),

Gene: MiniBoss_62 Start: 54424, Stop: 54068, Start Num: 14
Candidate Starts for MiniBoss_62:
(4, 54712), (Start: 7 @54565 has 6 MA's), (Start: 11 @54505 has 49 MA's), (Start: 14 @54424 has 208 MA's), (15, 54358), (16, 54337), (21, 54253), (22, 54127), (23, 54121), (24, 54076),

Gene: MitKao_64 Start: 55170, Stop: 54733, Start Num: 11
Candidate Starts for MitKao_64:
(4, 55377), (Start: 7 @55230 has 6 MA's), (Start: 11 @55170 has 49 MA's), (Start: 14 @55089 has 208 MA's), (15, 55023), (16, 55002), (21, 54918), (22, 54792), (23, 54786), (24, 54741),

Gene: Morgushi_63 Start: 55078, Stop: 54722, Start Num: 14
Candidate Starts for Morgushi_63:
(4, 55366), (Start: 7 @55219 has 6 MA's), (Start: 11 @55159 has 49 MA's), (Start: 14 @55078 has 208 MA's), (15, 55012), (16, 54991), (21, 54907), (22, 54781), (23, 54775), (24, 54730),

Gene: Morty_65 Start: 55687, Stop: 55250, Start Num: 11
Candidate Starts for Morty_65:
(4, 55894), (Start: 7 @55747 has 6 MA's), (Start: 11 @55687 has 49 MA's), (Start: 14 @55606 has 208 MA's), (15, 55540), (16, 55519), (21, 55435), (22, 55309), (23, 55303), (24, 55258),

Gene: Mosaic_62 Start: 55164, Stop: 54727, Start Num: 11
Candidate Starts for Mosaic_62:
(4, 55371), (Start: 7 @55224 has 6 MA's), (Start: 11 @55164 has 49 MA's), (Start: 14 @55083 has 208 MA's), (15, 55017), (16, 54996), (21, 54912), (22, 54786), (23, 54780), (24, 54735),

Gene: MrPhizzler_67 Start: 55627, Stop: 55190, Start Num: 11
Candidate Starts for MrPhizzler_67:
(4, 55834), (Start: 7 @55687 has 6 MA's), (Start: 9 @55669 has 1 MA's), (Start: 11 @55627 has 49 MA's), (Start: 14 @55546 has 208 MA's), (15, 55480), (16, 55459), (21, 55375), (22, 55249), (23, 55243), (24, 55198),

Gene: Mulan_64 Start: 55317, Stop: 54961, Start Num: 14
Candidate Starts for Mulan_64:
(4, 55605), (Start: 7 @55458 has 6 MA's), (Start: 11 @55398 has 49 MA's), (Start: 14 @55317 has 208 MA's), (15, 55251), (16, 55230), (21, 55146), (22, 55020), (23, 55014), (24, 54969),

Gene: Murdoc_62 Start: 55079, Stop: 54723, Start Num: 14
Candidate Starts for Murdoc_62:
(4, 55367), (Start: 7 @55220 has 6 MA's), (Start: 11 @55160 has 49 MA's), (Start: 14 @55079 has 208 MA's), (15, 55013), (16, 54992), (21, 54908), (22, 54782), (23, 54776), (24, 54731),

Gene: Mutante_64 Start: 55089, Stop: 54733, Start Num: 14

Candidate Starts for Mutante_64:
(4, 55377), (Start: 7 @55230 has 6 MA's), (Start: 11 @55170 has 49 MA's), (Start: 14 @55089 has 208 MA's), (15, 55023), (16, 55002), (21, 54918), (22, 54792), (23, 54786), (24, 54741),

Gene: Nacho_0066 Start: 55978, Stop: 55481, Start Num: 7
Candidate Starts for Nacho_0066:
(4, 56125), (Start: 7 @55978 has 6 MA's), (Start: 11 @55918 has 49 MA's), (Start: 14 @55837 has 208 MA's), (15, 55771), (16, 55750), (18, 55705), (21, 55666), (22, 55540), (23, 55534), (24, 55489),

Gene: Nathan_65 Start: 55170, Stop: 54814, Start Num: 14
Candidate Starts for Nathan_65:
(4, 55458), (Start: 7 @55311 has 6 MA's), (Start: 11 @55251 has 49 MA's), (Start: 14 @55170 has 208 MA's), (15, 55104), (16, 55083), (21, 54999), (22, 54873), (23, 54867), (24, 54822),

Gene: Nehme_63 Start: 55437, Stop: 55105, Start Num: 13
Candidate Starts for Nehme_63:
(12, 55494), (Start: 13 @55437 has 31 MA's), (15, 55371), (16, 55350), (21, 55266), (22, 55140), (23, 55134),

Gene: Newman_62 Start: 55115, Stop: 54759, Start Num: 14
Candidate Starts for Newman_62:
(4, 55403), (Start: 7 @55256 has 6 MA's), (Start: 11 @55196 has 49 MA's), (Start: 14 @55115 has 208 MA's), (15, 55049), (16, 55028), (21, 54944), (22, 54818), (23, 54812), (24, 54767),

Gene: NiaNia_66 Start: 55112, Stop: 54756, Start Num: 14
Candidate Starts for NiaNia_66:
(4, 55400), (Start: 7 @55253 has 6 MA's), (Start: 11 @55193 has 49 MA's), (Start: 14 @55112 has 208 MA's), (15, 55046), (16, 55025), (21, 54941), (22, 54815), (23, 54809), (24, 54764),

Gene: Nicole21_65 Start: 55368, Stop: 55012, Start Num: 14
Candidate Starts for Nicole21_65:
(4, 55656), (Start: 7 @55509 has 6 MA's), (Start: 11 @55449 has 49 MA's), (Start: 14 @55368 has 208 MA's), (15, 55302), (16, 55281), (21, 55197), (22, 55071), (23, 55065), (24, 55020),

Gene: Nova1_65 Start: 55240, Stop: 54908, Start Num: 14
Candidate Starts for Nova1_65:
(4, 55528), (Start: 7 @55381 has 6 MA's), (Start: 11 @55321 has 49 MA's), (Start: 14 @55240 has 208 MA's), (15, 55174), (16, 55153), (21, 55069), (22, 54943), (23, 54937),

Gene: Numberten_63 Start: 55312, Stop: 54956, Start Num: 14
Candidate Starts for Numberten_63:
(4, 55600), (Start: 7 @55453 has 6 MA's), (Start: 11 @55393 has 49 MA's), (Start: 14 @55312 has 208 MA's), (15, 55246), (16, 55225), (21, 55141), (22, 55015), (23, 55009), (24, 54964),

Gene: Nyala_63 Start: 55087, Stop: 54731, Start Num: 14
Candidate Starts for Nyala_63:
(4, 55375), (Start: 7 @55228 has 6 MA's), (Start: 11 @55168 has 49 MA's), (Start: 14 @55087 has 208 MA's), (15, 55021), (16, 55000), (21, 54916), (22, 54790), (23, 54784), (24, 54739),

Gene: OSmaximus_65 Start: 55833, Stop: 55477, Start Num: 14
Candidate Starts for OSmaximus_65:
(4, 56121), (Start: 7 @55974 has 6 MA's), (Start: 11 @55914 has 49 MA's), (Start: 14 @55833 has 208 MA's), (15, 55767), (16, 55746), (21, 55662), (22, 55536), (23, 55530), (24, 55485),

Gene: Olak_63 Start: 55090, Stop: 54734, Start Num: 14
Candidate Starts for Olak_63:
(4, 55378), (Start: 7 @55231 has 6 MA's), (Start: 11 @55171 has 49 MA's), (Start: 14 @55090 has 208 MA's), (15, 55024), (16, 55003), (21, 54919), (22, 54793), (23, 54787), (24, 54742),

Gene: Oline_64 Start: 55192, Stop: 54836, Start Num: 14
Candidate Starts for Oline_64:
(4, 55480), (Start: 7 @55333 has 6 MA's), (Start: 9 @55315 has 1 MA's), (Start: 11 @55273 has 49 MA's), (Start: 14 @55192 has 208 MA's), (15, 55126), (16, 55105), (21, 55021), (22, 54895), (23, 54889), (24, 54844),

Gene: Olive_64 Start: 55303, Stop: 54947, Start Num: 14
Candidate Starts for Olive_64:
(4, 55591), (Start: 7 @55444 has 6 MA's), (Start: 11 @55384 has 49 MA's), (Start: 14 @55303 has 208 MA's), (15, 55237), (16, 55216), (21, 55132), (22, 55006), (23, 55000), (24, 54955),

Gene: OliverWalter_62 Start: 55122, Stop: 54766, Start Num: 14
Candidate Starts for OliverWalter_62:
(4, 55410), (Start: 7 @55263 has 6 MA's), (Start: 11 @55203 has 49 MA's), (Start: 14 @55122 has 208 MA's), (15, 55056), (16, 55035), (21, 54951), (22, 54825), (23, 54819), (24, 54774),

Gene: Omniscient_65 Start: 55950, Stop: 55594, Start Num: 14
Candidate Starts for Omniscient_65:
(4, 56238), (Start: 7 @56091 has 6 MA's), (Start: 11 @56031 has 49 MA's), (Start: 14 @55950 has 208 MA's), (15, 55884), (16, 55863), (21, 55779), (22, 55653), (23, 55647), (24, 55602),

Gene: OneBrain_67 Start: 55354, Stop: 54998, Start Num: 14
Candidate Starts for OneBrain_67:
(4, 55642), (Start: 7 @55495 has 6 MA's), (Start: 9 @55477 has 1 MA's), (Start: 11 @55435 has 49 MA's), (Start: 14 @55354 has 208 MA's), (15, 55288), (16, 55267), (21, 55183), (22, 55057), (23, 55051), (24, 55006),

Gene: Oosterbaan_63 Start: 55369, Stop: 55013, Start Num: 14
Candidate Starts for Oosterbaan_63:
(4, 55657), (Start: 7 @55510 has 6 MA's), (Start: 11 @55450 has 49 MA's), (Start: 14 @55369 has 208 MA's), (15, 55303), (16, 55282), (21, 55198), (22, 55072), (23, 55066), (24, 55021),

Gene: Orfeu_63 Start: 55626, Stop: 55270, Start Num: 14
Candidate Starts for Orfeu_63:
(4, 55914), (Start: 7 @55767 has 6 MA's), (Start: 11 @55707 has 49 MA's), (Start: 14 @55626 has 208 MA's), (15, 55560), (16, 55539), (21, 55455), (22, 55329), (23, 55323), (24, 55278),

Gene: Orion_65 Start: 55031, Stop: 54675, Start Num: 14
Candidate Starts for Orion_65:
(4, 55319), (Start: 7 @55172 has 6 MA's), (Start: 11 @55112 has 49 MA's), (Start: 14 @55031 has 208 MA's), (15, 54965), (16, 54944), (21, 54860), (22, 54734), (23, 54728), (24, 54683),

Gene: Orwigg_63 Start: 55011, Stop: 54655, Start Num: 14
Candidate Starts for Orwigg_63:
(4, 55299), (Start: 7 @55152 has 6 MA's), (Start: 11 @55092 has 49 MA's), (Start: 14 @55011 has 208 MA's), (15, 54945), (16, 54924), (21, 54840), (22, 54714), (23, 54708), (24, 54663),

Gene: PG1_64 Start: 55602, Stop: 55246, Start Num: 14
Candidate Starts for PG1_64:
(4, 55890), (Start: 7 @55743 has 6 MA's), (Start: 11 @55683 has 49 MA's), (Start: 14 @55602 has 208 MA's), (15, 55536), (16, 55515), (21, 55431), (22, 55305), (23, 55299), (24, 55254),

Gene: Pacifista_63 Start: 55086, Stop: 54730, Start Num: 14
Candidate Starts for Pacifista_63:
(4, 55374), (Start: 7 @55227 has 6 MA's), (Start: 11 @55167 has 49 MA's), (Start: 14 @55086 has 208 MA's), (15, 55020), (16, 54999), (21, 54915), (22, 54789), (23, 54783), (24, 54738),

Gene: PallasAthena_65 Start: 55095, Stop: 54739, Start Num: 14
Candidate Starts for PallasAthena_65:
(4, 55383), (Start: 7 @55236 has 6 MA's), (Start: 11 @55176 has 49 MA's), (Start: 14 @55095 has 208 MA's), (15, 55029), (16, 55008), (21, 54924), (22, 54798), (23, 54792), (24, 54747),

Gene: Phamished_66 Start: 55380, Stop: 54943, Start Num: 11
Candidate Starts for Phamished_66:
(4, 55587), (Start: 7 @55440 has 6 MA's), (Start: 11 @55380 has 49 MA's), (Start: 14 @55299 has 208 MA's), (15, 55233), (16, 55212), (20, 55131), (21, 55128), (22, 55002), (23, 54996), (24, 54951),

Gene: Phareon_63 Start: 54808, Stop: 54452, Start Num: 14
Candidate Starts for Phareon_63:
(4, 55096), (Start: 7 @54949 has 6 MA's), (Start: 11 @54889 has 49 MA's), (Start: 14 @54808 has 208 MA's), (15, 54742), (16, 54721), (21, 54637), (22, 54511), (23, 54505), (24, 54460),

Gene: PhatCats2014_64 Start: 55607, Stop: 55251, Start Num: 14
Candidate Starts for PhatCats2014_64:
(4, 55895), (Start: 7 @55748 has 6 MA's), (Start: 11 @55688 has 49 MA's), (Start: 14 @55607 has 208 MA's), (15, 55541), (16, 55520), (21, 55436), (22, 55310), (23, 55304), (24, 55259),

Gene: PhatLouie_66 Start: 55625, Stop: 55269, Start Num: 14
Candidate Starts for PhatLouie_66:
(4, 55913), (Start: 7 @55766 has 6 MA's), (Start: 11 @55706 has 49 MA's), (Start: 14 @55625 has 208 MA's), (15, 55559), (16, 55538), (21, 55454), (22, 55328), (23, 55322), (24, 55277),

Gene: PhenghisKhan_65 Start: 55257, Stop: 54901, Start Num: 13
Candidate Starts for PhenghisKhan_65:
(4, 55545), (Start: 7 @55398 has 6 MA's), (Start: 11 @55338 has 49 MA's), (Start: 13 @55257 has 31 MA's), (15, 55191), (16, 55170), (18, 55125), (19, 55107), (21, 55086), (22, 54960), (23, 54954), (24, 54909),

Gene: Pherdinand_65 Start: 55370, Stop: 55014, Start Num: 14
Candidate Starts for Pherdinand_65:
(4, 55658), (Start: 7 @55511 has 6 MA's), (Start: 11 @55451 has 49 MA's), (Start: 14 @55370 has 208 MA's), (15, 55304), (21, 55199), (22, 55073), (23, 55067), (24, 55022),

Gene: Phergie_65 Start: 55249, Stop: 54893, Start Num: 13
Candidate Starts for Phergie_65:
(4, 55537), (Start: 7 @55390 has 6 MA's), (Start: 11 @55330 has 49 MA's), (Start: 13 @55249 has 31 MA's), (15, 55183), (16, 55162), (18, 55117), (19, 55099), (21, 55078), (22, 54952), (23, 54946), (24, 54901),

Gene: Phipps_64 Start: 54879, Stop: 54523, Start Num: 14

Candidate Starts for Phipps_64:
(4, 55167), (Start: 7 @55020 has 6 MA's), (Start: 11 @54960 has 49 MA's), (Start: 14 @54879 has 208 MA's), (15, 54813), (16, 54792), (21, 54708), (22, 54582), (23, 54576), (24, 54531),

Gene: Phleuron_63 Start: 55055, Stop: 54723, Start Num: 13
Candidate Starts for Phleuron_63:
(5, 55343), (Start: 8 @55196 has 1 MA's), (Start: 11 @55136 has 49 MA's), (Start: 13 @55055 has 31 MA's), (15, 54989), (16, 54968), (19, 54905), (21, 54884), (22, 54758), (23, 54752),

Gene: PhrankReynolds_64 Start: 55254, Stop: 54898, Start Num: 13
Candidate Starts for PhrankReynolds_64:
(4, 55542), (Start: 7 @55395 has 6 MA's), (Start: 11 @55335 has 49 MA's), (Start: 13 @55254 has 31 MA's), (15, 55188), (16, 55167), (18, 55122), (19, 55104), (21, 55083), (22, 54957), (23, 54951), (24, 54906),

Gene: PhrodoBaggins_65 Start: 55555, Stop: 55118, Start Num: 11
Candidate Starts for PhrodoBaggins_65:
(4, 55762), (Start: 7 @55615 has 6 MA's), (Start: 11 @55555 has 49 MA's), (Start: 13 @55474 has 31 MA's), (15, 55408), (16, 55387), (18, 55342), (19, 55324), (21, 55303), (22, 55177), (23, 55171), (24, 55126),

Gene: Phunky_62 Start: 55106, Stop: 54750, Start Num: 14
Candidate Starts for Phunky_62:
(4, 55394), (Start: 7 @55247 has 6 MA's), (Start: 11 @55187 has 49 MA's), (Start: 14 @55106 has 208 MA's), (15, 55040), (16, 55019), (21, 54935), (22, 54809), (23, 54803), (24, 54758),

Gene: Piglet_0064 Start: 55720, Stop: 55223, Start Num: 7
Candidate Starts for Piglet_0064:
(4, 55867), (Start: 7 @55720 has 6 MA's), (Start: 11 @55660 has 49 MA's), (Start: 14 @55579 has 208 MA's), (15, 55513), (16, 55492), (21, 55408), (22, 55282), (23, 55276), (24, 55231),

Gene: PinheadLarry_63 Start: 55497, Stop: 55084, Start Num: 11
Candidate Starts for PinheadLarry_63:
(5, 55704), (Start: 8 @55557 has 1 MA's), (Start: 11 @55497 has 49 MA's), (Start: 13 @55416 has 31 MA's), (15, 55350), (16, 55329), (18, 55284), (21, 55245), (22, 55119), (23, 55113),

Gene: Pinkman_64 Start: 55192, Stop: 54836, Start Num: 14
Candidate Starts for Pinkman_64:
(4, 55480), (Start: 7 @55333 has 6 MA's), (Start: 11 @55273 has 49 MA's), (Start: 14 @55192 has 208 MA's), (15, 55126), (16, 55105), (21, 55021), (22, 54895), (23, 54889), (24, 54844),

Gene: Pipsqueak_62 Start: 55116, Stop: 54679, Start Num: 11
Candidate Starts for Pipsqueak_62:
(4, 55323), (Start: 7 @55176 has 6 MA's), (Start: 11 @55116 has 49 MA's), (Start: 14 @55035 has 208 MA's), (15, 54969), (16, 54948), (21, 54864), (22, 54738), (23, 54732), (24, 54687),

Gene: Placalicious_65 Start: 56136, Stop: 55780, Start Num: 14
Candidate Starts for Placalicious_65:
(4, 56424), (Start: 7 @56277 has 6 MA's), (Start: 11 @56217 has 49 MA's), (Start: 14 @56136 has 208 MA's), (15, 56070), (16, 56049), (21, 55965), (22, 55839), (23, 55833), (24, 55788),

Gene: Plata_65 Start: 55344, Stop: 54988, Start Num: 14
Candidate Starts for Plata_65:

(4, 55632), (Start: 7 @55485 has 6 MA's), (Start: 9 @55467 has 1 MA's), (Start: 11 @55425 has 49 MA's), (Start: 14 @55344 has 208 MA's), (15, 55278), (16, 55257), (21, 55173), (22, 55047), (23, 55041), (24, 54996),

Gene: Plmatters_63 Start: 55109, Stop: 54753, Start Num: 14
Candidate Starts for Plmatters_63:
(4, 55397), (Start: 7 @55250 has 6 MA's), (Start: 11 @55190 has 49 MA's), (Start: 14 @55109 has 208 MA's), (15, 55043), (16, 55022), (21, 54938), (22, 54812), (23, 54806), (24, 54761),

Gene: Podrick_63 Start: 54969, Stop: 54532, Start Num: 11
Candidate Starts for Podrick_63:
(4, 55176), (Start: 7 @55029 has 6 MA's), (Start: 11 @54969 has 49 MA's), (Start: 14 @54888 has 208 MA's), (15, 54822), (16, 54801), (21, 54717), (22, 54591), (23, 54585), (24, 54540),

Gene: Pops_62 Start: 55187, Stop: 54774, Start Num: 11
Candidate Starts for Pops_62:
(4, 55394), (Start: 7 @55247 has 6 MA's), (Start: 11 @55187 has 49 MA's), (Start: 13 @55106 has 31 MA's), (15, 55040), (16, 55019), (18, 54974), (21, 54935), (22, 54809), (23, 54803),

Gene: Potter_62 Start: 55100, Stop: 54744, Start Num: 14
Candidate Starts for Potter_62:
(4, 55388), (Start: 7 @55241 has 6 MA's), (Start: 11 @55181 has 49 MA's), (Start: 14 @55100 has 208 MA's), (15, 55034), (16, 55013), (21, 54929), (22, 54803), (23, 54797), (24, 54752),

Gene: Prickles_66 Start: 55601, Stop: 55245, Start Num: 14
Candidate Starts for Prickles_66:
(4, 55889), (Start: 7 @55742 has 6 MA's), (Start: 11 @55682 has 49 MA's), (Start: 14 @55601 has 208 MA's), (15, 55535), (16, 55514), (21, 55430), (22, 55304), (23, 55298), (24, 55253),

Gene: ProfessorX_63 Start: 55099, Stop: 54743, Start Num: 14
Candidate Starts for ProfessorX_63:
(4, 55387), (Start: 7 @55240 has 6 MA's), (Start: 11 @55180 has 49 MA's), (Start: 14 @55099 has 208 MA's), (15, 55033), (16, 55012), (21, 54928), (22, 54802), (23, 54796), (24, 54751),

Gene: Puhltonio_63 Start: 55374, Stop: 55018, Start Num: 14
Candidate Starts for Puhltonio_63:
(4, 55662), (Start: 7 @55515 has 6 MA's), (Start: 11 @55455 has 49 MA's), (Start: 14 @55374 has 208 MA's), (15, 55308), (16, 55287), (21, 55203), (22, 55077), (23, 55071), (24, 55026),

Gene: QueenBeane_64 Start: 55406, Stop: 55050, Start Num: 14
Candidate Starts for QueenBeane_64:
(4, 55694), (Start: 7 @55547 has 6 MA's), (Start: 11 @55487 has 49 MA's), (Start: 14 @55406 has 208 MA's), (15, 55340), (21, 55235), (22, 55109), (23, 55103), (24, 55058),

Gene: Quisquiliae_65 Start: 55367, Stop: 55011, Start Num: 14
Candidate Starts for Quisquiliae_65:
(4, 55655), (Start: 7 @55508 has 6 MA's), (Start: 11 @55448 has 49 MA's), (Start: 14 @55367 has 208 MA's), (15, 55301), (16, 55280), (21, 55196), (22, 55070), (23, 55064), (24, 55019),

Gene: RedMaple_65 Start: 55842, Stop: 55486, Start Num: 14
Candidate Starts for RedMaple_65:
(4, 56130), (Start: 7 @55983 has 6 MA's), (Start: 11 @55923 has 49 MA's), (Start: 14 @55842 has 208 MA's), (15, 55776), (16, 55755), (21, 55671), (22, 55545), (23, 55539), (24, 55494),

Gene: RedRaider89_64 Start: 55674, Stop: 55177, Start Num: 7
Candidate Starts for RedRaider89_64:
(4, 55821), (Start: 7 @55674 has 6 MA's), (Start: 11 @55614 has 49 MA's), (Start: 14 @55533 has 208 MA's), (15, 55467), (16, 55446), (21, 55362), (22, 55236), (23, 55230), (24, 55185),

Gene: Ricotta_64 Start: 55099, Stop: 54743, Start Num: 14
Candidate Starts for Ricotta_64:
(4, 55387), (Start: 7 @55240 has 6 MA's), (Start: 11 @55180 has 49 MA's), (Start: 14 @55099 has 208 MA's), (15, 55033), (16, 55012), (21, 54928), (22, 54802), (23, 54796), (24, 54751),

Gene: Riggan_65 Start: 55399, Stop: 55043, Start Num: 14
Candidate Starts for Riggan_65:
(4, 55687), (Start: 7 @55540 has 6 MA's), (Start: 11 @55480 has 49 MA's), (Start: 14 @55399 has 208 MA's), (15, 55333), (16, 55312), (21, 55228), (22, 55102), (23, 55096), (24, 55051),

Gene: Rimu_64 Start: 55690, Stop: 55211, Start Num: 9
Candidate Starts for Rimu_64:
(4, 55855), (Start: 7 @55708 has 6 MA's), (Start: 9 @55690 has 1 MA's), (Start: 11 @55648 has 49 MA's), (Start: 14 @55567 has 208 MA's), (15, 55501), (16, 55480), (21, 55396), (22, 55270), (23, 55264), (24, 55219),

Gene: Riverton_64 Start: 55327, Stop: 54971, Start Num: 14
Candidate Starts for Riverton_64:
(4, 55615), (Start: 7 @55468 has 6 MA's), (Start: 11 @55408 has 49 MA's), (Start: 14 @55327 has 208 MA's), (15, 55261), (16, 55240), (21, 55156), (22, 55030), (23, 55024), (24, 54979),

Gene: Robyn_64 Start: 55246, Stop: 54890, Start Num: 14
Candidate Starts for Robyn_64:
(4, 55534), (Start: 7 @55387 has 6 MA's), (Start: 11 @55327 has 49 MA's), (Start: 14 @55246 has 208 MA's), (15, 55180), (16, 55159), (21, 55075), (22, 54949), (23, 54943), (24, 54898),

Gene: Roliet_62 Start: 54441, Stop: 54085, Start Num: 14
Candidate Starts for Roliet_62:
(4, 54729), (Start: 7 @54582 has 6 MA's), (Start: 11 @54522 has 49 MA's), (Start: 14 @54441 has 208 MA's), (15, 54375), (16, 54354), (19, 54291), (21, 54270), (22, 54144), (23, 54138), (24, 54093),

Gene: Roscoe_65 Start: 55545, Stop: 55189, Start Num: 14
Candidate Starts for Roscoe_65:
(4, 55833), (Start: 7 @55686 has 6 MA's), (Start: 11 @55626 has 49 MA's), (Start: 14 @55545 has 208 MA's), (15, 55479), (16, 55458), (21, 55374), (22, 55248), (23, 55242), (24, 55197),

Gene: Roy17_62 Start: 54880, Stop: 54443, Start Num: 11
Candidate Starts for Roy17_62:
(4, 55087), (Start: 7 @54940 has 6 MA's), (Start: 11 @54880 has 49 MA's), (Start: 14 @54799 has 208 MA's), (15, 54733), (16, 54712), (21, 54628), (22, 54502), (23, 54496), (24, 54451),

Gene: SDcharge11_64 Start: 54694, Stop: 54257, Start Num: 11
Candidate Starts for SDcharge11_64:
(4, 54901), (Start: 7 @54754 has 6 MA's), (Start: 11 @54694 has 49 MA's), (Start: 14 @54613 has 208 MA's), (15, 54547), (16, 54526), (21, 54442), (22, 54316), (23, 54310), (24, 54265),

Gene: Salazzle_64 Start: 55277, Stop: 54945, Start Num: 14

Candidate Starts for Salazzle_64:
(4, 55565), (Start: 7 @55418 has 6 MA's), (Start: 9 @55400 has 1 MA's), (Start: 11 @55358 has 49 MA's), (Start: 14 @55277 has 208 MA's), (15, 55211), (21, 55106), (22, 54980), (23, 54974),

Gene: SallyH_67 Start: 55353, Stop: 54997, Start Num: 14
Candidate Starts for SallyH_67:
(4, 55641), (Start: 7 @55494 has 6 MA's), (Start: 11 @55434 has 49 MA's), (Start: 14 @55353 has 208 MA's), (15, 55287), (21, 55182), (22, 55056), (23, 55050), (24, 55005),

Gene: Samaymay_64 Start: 55406, Stop: 55050, Start Num: 14
Candidate Starts for Samaymay_64:
(4, 55694), (Start: 7 @55547 has 6 MA's), (Start: 11 @55487 has 49 MA's), (Start: 14 @55406 has 208 MA's), (15, 55340), (21, 55235), (22, 55109), (23, 55103), (24, 55058),

Gene: SassyCat97_63 Start: 55091, Stop: 54735, Start Num: 14
Candidate Starts for SassyCat97_63:
(4, 55379), (Start: 7 @55232 has 6 MA's), (Start: 11 @55172 has 49 MA's), (Start: 14 @55091 has 208 MA's), (15, 55025), (16, 55004), (21, 54920), (22, 54794), (23, 54788), (24, 54743),

Gene: Schadenfreude_64 Start: 54972, Stop: 54616, Start Num: 14
Candidate Starts for Schadenfreude_64:
(4, 55260), (Start: 7 @55113 has 6 MA's), (Start: 11 @55053 has 49 MA's), (Start: 14 @54972 has 208 MA's), (15, 54906), (16, 54885), (21, 54801), (22, 54675), (23, 54669), (24, 54624),

Gene: Schueller_64 Start: 55329, Stop: 54973, Start Num: 13
Candidate Starts for Schueller_64:
(4, 55617), (Start: 7 @55470 has 6 MA's), (Start: 11 @55410 has 49 MA's), (Start: 13 @55329 has 31 MA's), (15, 55263), (16, 55242), (18, 55197), (21, 55158), (22, 55032), (23, 55026), (24, 54981),

Gene: Scoot17C_64 Start: 55033, Stop: 54677, Start Num: 14
Candidate Starts for Scoot17C_64:
(4, 55321), (Start: 7 @55174 has 6 MA's), (Start: 11 @55114 has 49 MA's), (Start: 14 @55033 has 208 MA's), (15, 54967), (16, 54946), (21, 54862), (22, 54736), (23, 54730), (24, 54685),

Gene: Scrick_64 Start: 55105, Stop: 54749, Start Num: 14
Candidate Starts for Scrick_64:
(4, 55393), (Start: 7 @55246 has 6 MA's), (Start: 11 @55186 has 49 MA's), (Start: 14 @55105 has 208 MA's), (15, 55039), (16, 55018), (18, 54973), (21, 54934), (22, 54808), (23, 54802), (24, 54757),

Gene: Selr12_65 Start: 55115, Stop: 54759, Start Num: 14
Candidate Starts for Selr12_65:
(4, 55403), (Start: 7 @55256 has 6 MA's), (Start: 11 @55196 has 49 MA's), (Start: 14 @55115 has 208 MA's), (15, 55049), (16, 55028), (21, 54944), (22, 54818), (23, 54812), (24, 54767),

Gene: Septica_64 Start: 55343, Stop: 54987, Start Num: 14
Candidate Starts for Septica_64:
(4, 55631), (Start: 7 @55484 has 6 MA's), (Start: 11 @55424 has 49 MA's), (Start: 14 @55343 has 208 MA's), (15, 55277), (16, 55256), (21, 55172), (22, 55046), (23, 55040), (24, 54995),

Gene: Serendipity_63 Start: 55388, Stop: 55032, Start Num: 14
Candidate Starts for Serendipity_63:
(4, 55676), (Start: 7 @55529 has 6 MA's), (Start: 11 @55469 has 49 MA's), (Start: 14 @55388 has 208 MA's), (15, 55322), (16, 55301), (21, 55217), (22, 55091), (23, 55085), (24, 55040),

Gene: Serpentine_0064 Start: 55552, Stop: 55115, Start Num: 11
Candidate Starts for Serpentine_0064:
(4, 55759), (Start: 7 @55612 has 6 MA's), (Start: 11 @55552 has 49 MA's), (Start: 14 @55471 has 208 MA's), (15, 55405), (16, 55384), (21, 55300), (22, 55174), (23, 55168), (24, 55123),

Gene: ShadowBud_64 Start: 55364, Stop: 55008, Start Num: 14
Candidate Starts for ShadowBud_64:
(4, 55652), (Start: 7 @55505 has 6 MA's), (Start: 11 @55445 has 49 MA's), (Start: 14 @55364 has 208 MA's), (15, 55298), (16, 55277), (21, 55193), (22, 55067), (23, 55061), (24, 55016),

Gene: Sheila_61 Start: 54473, Stop: 54117, Start Num: 14
Candidate Starts for Sheila_61:
(4, 54761), (Start: 7 @54614 has 6 MA's), (Start: 11 @54554 has 49 MA's), (Start: 14 @54473 has 208 MA's), (15, 54407), (16, 54386), (21, 54302), (22, 54176), (23, 54170), (24, 54125),

Gene: ShiVal_62 Start: 55191, Stop: 54754, Start Num: 11
Candidate Starts for ShiVal_62:
(4, 55398), (Start: 7 @55251 has 6 MA's), (Start: 11 @55191 has 49 MA's), (Start: 14 @55110 has 208 MA's), (15, 55044), (16, 55023), (21, 54939), (22, 54813), (23, 54807), (24, 54762),

Gene: Sigman_64 Start: 55066, Stop: 54710, Start Num: 14
Candidate Starts for Sigman_64:
(4, 55354), (Start: 7 @55207 has 6 MA's), (Start: 11 @55147 has 49 MA's), (Start: 14 @55066 has 208 MA's), (15, 55000), (16, 54979), (21, 54895), (22, 54769), (23, 54763), (24, 54718),

Gene: SilverBell_65 Start: 55351, Stop: 54995, Start Num: 14
Candidate Starts for SilverBell_65:
(4, 55639), (Start: 7 @55492 has 6 MA's), (Start: 11 @55432 has 49 MA's), (Start: 14 @55351 has 208 MA's), (15, 55285), (16, 55264), (21, 55180), (22, 55054), (23, 55048), (24, 55003),

Gene: Simielle_64 Start: 55070, Stop: 54714, Start Num: 14
Candidate Starts for Simielle_64:
(4, 55358), (Start: 7 @55211 has 6 MA's), (Start: 11 @55151 has 49 MA's), (Start: 14 @55070 has 208 MA's), (15, 55004), (16, 54983), (21, 54899), (22, 54773), (23, 54767), (24, 54722),

Gene: SirBeauregard_65 Start: 55636, Stop: 55280, Start Num: 14
Candidate Starts for SirBeauregard_65:
(4, 55924), (Start: 7 @55777 has 6 MA's), (Start: 11 @55717 has 49 MA's), (Start: 14 @55636 has 208 MA's), (15, 55570), (16, 55549), (21, 55465), (22, 55339), (23, 55333), (24, 55288),

Gene: Skippy_65 Start: 55324, Stop: 54968, Start Num: 14
Candidate Starts for Skippy_65:
(4, 55612), (Start: 7 @55465 has 6 MA's), (Start: 11 @55405 has 49 MA's), (Start: 14 @55324 has 208 MA's), (15, 55258), (16, 55237), (21, 55153), (22, 55027), (23, 55021), (24, 54976),

Gene: Slatt_65 Start: 55389, Stop: 55033, Start Num: 14
Candidate Starts for Slatt_65:
(4, 55677), (Start: 7 @55530 has 6 MA's), (Start: 11 @55470 has 49 MA's), (Start: 14 @55389 has 208 MA's), (15, 55323), (16, 55302), (21, 55218), (22, 55092), (23, 55086), (24, 55041),

Gene: Soile_65 Start: 55620, Stop: 55264, Start Num: 14
Candidate Starts for Soile_65:

(4, 55908), (Start: 7 @55761 has 6 MA's), (Start: 9 @55743 has 1 MA's), (Start: 11 @55701 has 49 MA's), (Start: 14 @55620 has 208 MA's), (15, 55554), (16, 55533), (21, 55449), (22, 55323), (23, 55317), (24, 55272),

Gene: Sophia_63 Start: 55079, Stop: 54723, Start Num: 14
Candidate Starts for Sophia_63:
(4, 55367), (Start: 7 @55220 has 6 MA's), (Start: 11 @55160 has 49 MA's), (Start: 14 @55079 has 208 MA's), (15, 55013), (16, 54992), (21, 54908), (22, 54782), (23, 54776), (24, 54731),

Gene: Soto_62 Start: 54727, Stop: 54290, Start Num: 11
Candidate Starts for Soto_62:
(4, 54934), (Start: 7 @54787 has 6 MA's), (Start: 11 @54727 has 49 MA's), (Start: 14 @54646 has 208 MA's), (15, 54580), (16, 54559), (21, 54475), (22, 54349), (23, 54343), (24, 54298),

Gene: Spartan300_64 Start: 55307, Stop: 54951, Start Num: 14
Candidate Starts for Spartan300_64:
(4, 55595), (Start: 7 @55448 has 6 MA's), (Start: 11 @55388 has 49 MA's), (Start: 14 @55307 has 208 MA's), (15, 55241), (16, 55220), (19, 55157), (21, 55136), (22, 55010), (23, 55004), (24, 54959),

Gene: Squid_63 Start: 55172, Stop: 54735, Start Num: 11
Candidate Starts for Squid_63:
(4, 55379), (Start: 7 @55232 has 6 MA's), (Start: 11 @55172 has 49 MA's), (Start: 14 @55091 has 208 MA's), (15, 55025), (16, 55004), (21, 54920), (22, 54794), (23, 54788), (24, 54743),

Gene: Squiggle_64 Start: 55099, Stop: 54743, Start Num: 14
Candidate Starts for Squiggle_64:
(4, 55387), (Start: 7 @55240 has 6 MA's), (Start: 11 @55180 has 49 MA's), (Start: 14 @55099 has 208 MA's), (15, 55033), (16, 55012), (21, 54928), (22, 54802), (23, 54796), (24, 54751),

Gene: Struggle_65 Start: 55183, Stop: 54827, Start Num: 14
Candidate Starts for Struggle_65:
(4, 55471), (Start: 7 @55324 has 6 MA's), (Start: 9 @55306 has 1 MA's), (Start: 11 @55264 has 49 MA's), (Start: 14 @55183 has 208 MA's), (15, 55117), (16, 55096), (21, 55012), (22, 54886), (23, 54880), (24, 54835),

Gene: Suffolk_62 Start: 54735, Stop: 54238, Start Num: 7
Candidate Starts for Suffolk_62:
(4, 54882), (Start: 7 @54735 has 6 MA's), (Start: 11 @54675 has 49 MA's), (Start: 14 @54594 has 208 MA's), (15, 54528), (16, 54507), (21, 54423), (22, 54297), (23, 54291), (24, 54246),

Gene: Surely_64 Start: 55381, Stop: 55025, Start Num: 14
Candidate Starts for Surely_64:
(4, 55669), (Start: 7 @55522 has 6 MA's), (Start: 11 @55462 has 49 MA's), (Start: 14 @55381 has 208 MA's), (15, 55315), (16, 55294), (21, 55210), (22, 55084), (23, 55078), (24, 55033),

Gene: Swiphy_66 Start: 55625, Stop: 55269, Start Num: 14
Candidate Starts for Swiphy_66:
(4, 55913), (Start: 7 @55766 has 6 MA's), (Start: 11 @55706 has 49 MA's), (Start: 14 @55625 has 208 MA's), (15, 55559), (16, 55538), (21, 55454), (22, 55328), (23, 55322), (24, 55277),

Gene: Swish_65 Start: 55355, Stop: 54999, Start Num: 14
Candidate Starts for Swish_65:

(4, 55643), (Start: 7 @55496 has 6 MA's), (Start: 11 @55436 has 49 MA's), (Start: 14 @55355 has 208 MA's), (15, 55289), (21, 55184), (22, 55058), (23, 55052), (24, 55007),

Gene: TallGrassMM_63 Start: 54995, Stop: 54639, Start Num: 14
Candidate Starts for TallGrassMM_63:
(4, 55283), (Start: 7 @55136 has 6 MA's), (Start: 11 @55076 has 49 MA's), (Start: 14 @54995 has 208 MA's), (15, 54929), (16, 54908), (21, 54824), (22, 54698), (23, 54692), (24, 54647),

Gene: Taraxa_66 Start: 54982, Stop: 54626, Start Num: 14
Candidate Starts for Taraxa_66:
(4, 55270), (Start: 7 @55123 has 6 MA's), (Start: 11 @55063 has 49 MA's), (Start: 14 @54982 has 208 MA's), (15, 54916), (16, 54895), (21, 54811), (22, 54685), (23, 54679), (24, 54634),

Gene: Telesworld_62 Start: 55200, Stop: 54844, Start Num: 14
Candidate Starts for Telesworld_62:
(4, 55488), (Start: 7 @55341 has 6 MA's), (Start: 11 @55281 has 49 MA's), (Start: 14 @55200 has 208 MA's), (15, 55134), (16, 55113), (21, 55029), (22, 54903), (23, 54897), (24, 54852),

Gene: Thora_63 Start: 55377, Stop: 55021, Start Num: 14
Candidate Starts for Thora_63:
(4, 55665), (Start: 7 @55518 has 6 MA's), (Start: 11 @55458 has 49 MA's), (Start: 14 @55377 has 208 MA's), (15, 55311), (16, 55290), (21, 55206), (22, 55080), (23, 55074), (24, 55029),

Gene: ThreeOh3D2_65 Start: 55679, Stop: 55242, Start Num: 11
Candidate Starts for ThreeOh3D2_65:
(4, 55886), (Start: 7 @55739 has 6 MA's), (Start: 11 @55679 has 49 MA's), (Start: 14 @55598 has 208 MA's), (15, 55532), (16, 55511), (21, 55427), (22, 55301), (23, 55295), (24, 55250),

Gene: Thunderbird_64 Start: 55338, Stop: 54982, Start Num: 14
Candidate Starts for Thunderbird_64:
(4, 55626), (Start: 7 @55479 has 6 MA's), (Start: 11 @55419 has 49 MA's), (Start: 14 @55338 has 208 MA's), (15, 55272), (16, 55251), (21, 55167), (22, 55041), (23, 55035), (24, 54990),

Gene: Timmi_63 Start: 55080, Stop: 54724, Start Num: 14
Candidate Starts for Timmi_63:
(4, 55368), (Start: 7 @55221 has 6 MA's), (Start: 11 @55161 has 49 MA's), (Start: 14 @55080 has 208 MA's), (15, 55014), (16, 54993), (21, 54909), (22, 54783), (23, 54777), (24, 54732),

Gene: TomBombadil_64 Start: 55365, Stop: 55009, Start Num: 14
Candidate Starts for TomBombadil_64:
(4, 55653), (Start: 7 @55506 has 6 MA's), (Start: 11 @55446 has 49 MA's), (Start: 14 @55365 has 208 MA's), (15, 55299), (16, 55278), (21, 55194), (22, 55068), (23, 55062), (24, 55017),

Gene: Tomlarah_65 Start: 55934, Stop: 55578, Start Num: 14
Candidate Starts for Tomlarah_65:
(4, 56222), (Start: 7 @56075 has 6 MA's), (Start: 11 @56015 has 49 MA's), (Start: 14 @55934 has 208 MA's), (15, 55868), (16, 55847), (21, 55763), (22, 55637), (23, 55631), (24, 55586),

Gene: Toni_64 Start: 55527, Stop: 55171, Start Num: 14
Candidate Starts for Toni_64:
(4, 55815), (Start: 7 @55668 has 6 MA's), (Start: 11 @55608 has 49 MA's), (Start: 14 @55527 has 208 MA's), (15, 55461), (16, 55440), (21, 55356), (22, 55230), (23, 55224), (24, 55179),

Gene: TooFast2Furius_64 Start: 55346, Stop: 54990, Start Num: 13
Candidate Starts for TooFast2Furius_64:
(4, 55634), (Start: 7 @55487 has 6 MA's), (Start: 11 @55427 has 49 MA's), (Start: 13 @55346 has 31 MA's), (15, 55280), (16, 55259), (18, 55214), (21, 55175), (22, 55049), (23, 55043), (24, 54998),

Gene: Tooj_62 Start: 54750, Stop: 54394, Start Num: 14
Candidate Starts for Tooj_62:
(4, 55038), (Start: 7 @54891 has 6 MA's), (Start: 11 @54831 has 49 MA's), (Start: 14 @54750 has 208 MA's), (15, 54684), (16, 54663), (21, 54579), (22, 54453), (23, 54447), (24, 54402),

Gene: Triad_66 Start: 54535, Stop: 54179, Start Num: 14
Candidate Starts for Triad_66:
(4, 54823), (Start: 7 @54676 has 6 MA's), (Start: 11 @54616 has 49 MA's), (Start: 14 @54535 has 208 MA's), (15, 54469), (16, 54448), (21, 54364), (22, 54238), (23, 54232), (24, 54187),

Gene: True_63 Start: 55090, Stop: 54734, Start Num: 14
Candidate Starts for True_63:
(4, 55378), (Start: 7 @55231 has 6 MA's), (Start: 11 @55171 has 49 MA's), (Start: 14 @55090 has 208 MA's), (15, 55024), (16, 55003), (21, 54919), (22, 54793), (23, 54787), (24, 54742),

Gene: Trypo_66 Start: 55843, Stop: 55406, Start Num: 11
Candidate Starts for Trypo_66:
(4, 56050), (Start: 7 @55903 has 6 MA's), (Start: 9 @55885 has 1 MA's), (Start: 11 @55843 has 49 MA's), (Start: 14 @55762 has 208 MA's), (15, 55696), (16, 55675), (21, 55591), (22, 55465), (23, 55459), (24, 55414),

Gene: TyrionL_65 Start: 55269, Stop: 54832, Start Num: 11
Candidate Starts for TyrionL_65:
(4, 55476), (Start: 7 @55329 has 6 MA's), (Start: 11 @55269 has 49 MA's), (Start: 13 @55188 has 31 MA's), (15, 55122), (16, 55101), (18, 55056), (21, 55017), (22, 54891), (23, 54885), (24, 54840),

Gene: UAch1_64 Start: 55321, Stop: 54965, Start Num: 14
Candidate Starts for UAch1_64:
(12, 55378), (Start: 14 @55321 has 208 MA's), (15, 55255), (16, 55234), (21, 55150), (22, 55024), (23, 55018), (24, 54973),

Gene: UncleHowie_62 Start: 54792, Stop: 54436, Start Num: 14
Candidate Starts for UncleHowie_62:
(4, 55080), (Start: 7 @54933 has 6 MA's), (Start: 11 @54873 has 49 MA's), (Start: 14 @54792 has 208 MA's), (15, 54726), (16, 54705), (21, 54621), (22, 54495), (23, 54489), (24, 54444),

Gene: Usavi_64 Start: 55460, Stop: 55104, Start Num: 14
Candidate Starts for Usavi_64:
(4, 55748), (Start: 7 @55601 has 6 MA's), (Start: 11 @55541 has 49 MA's), (Start: 14 @55460 has 208 MA's), (15, 55394), (16, 55373), (21, 55289), (22, 55163), (23, 55157), (24, 55112),

Gene: Vaishali24_63 Start: 54995, Stop: 54639, Start Num: 14
Candidate Starts for Vaishali24_63:
(4, 55283), (Start: 7 @55136 has 6 MA's), (Start: 11 @55076 has 49 MA's), (Start: 14 @54995 has 208 MA's), (15, 54929), (16, 54908), (21, 54824), (22, 54698), (23, 54692), (24, 54647),

Gene: Valjean_64 Start: 55317, Stop: 54961, Start Num: 14
Candidate Starts for Valjean_64:

(4, 55605), (Start: 7 @55458 has 6 MA's), (Start: 11 @55398 has 49 MA's), (Start: 14 @55317 has 208 MA's), (15, 55251), (16, 55230), (19, 55167), (21, 55146), (22, 55020), (23, 55014), (24, 54969),

Gene: Vaticameos_61 Start: 53625, Stop: 53269, Start Num: 14
Candidate Starts for Vaticameos_61:
(4, 53913), (Start: 7 @53766 has 6 MA's), (Start: 11 @53706 has 49 MA's), (Start: 14 @53625 has 208 MA's), (15, 53559), (16, 53538), (21, 53454), (22, 53328), (23, 53322), (24, 53277),

Gene: Vectra_64 Start: 55255, Stop: 54923, Start Num: 13
Candidate Starts for Vectra_64:
(5, 55543), (Start: 8 @55396 has 1 MA's), (Start: 11 @55336 has 49 MA's), (Start: 13 @55255 has 31 MA's), (15, 55189), (16, 55168), (21, 55084), (22, 54958), (23, 54952),

Gene: Veritas_64 Start: 55267, Stop: 54935, Start Num: 13
Candidate Starts for Veritas_64:
(5, 55555), (Start: 8 @55408 has 1 MA's), (Start: 11 @55348 has 49 MA's), (Start: 13 @55267 has 31 MA's), (15, 55201), (16, 55180), (19, 55117), (21, 55096), (22, 54970), (23, 54964),

Gene: Virapocalypse_65 Start: 55416, Stop: 55060, Start Num: 14
Candidate Starts for Virapocalypse_65:
(4, 55704), (Start: 7 @55557 has 6 MA's), (Start: 11 @55497 has 49 MA's), (Start: 14 @55416 has 208 MA's), (15, 55350), (16, 55329), (21, 55245), (22, 55119), (23, 55113), (24, 55068),

Gene: Virgeve_63 Start: 55054, Stop: 54698, Start Num: 13
Candidate Starts for Virgeve_63:
(4, 55342), (Start: 7 @55195 has 6 MA's), (Start: 11 @55135 has 49 MA's), (Start: 13 @55054 has 31 MA's), (15, 54988), (16, 54967), (18, 54922), (21, 54883), (22, 54757), (23, 54751), (24, 54706),

Gene: Vista_63 Start: 55174, Stop: 54737, Start Num: 11
Candidate Starts for Vista_63:
(4, 55381), (Start: 7 @55234 has 6 MA's), (Start: 11 @55174 has 49 MA's), (Start: 14 @55093 has 208 MA's), (15, 55027), (16, 55006), (21, 54922), (22, 54796), (23, 54790), (24, 54745),

Gene: Vivaldi_65 Start: 55692, Stop: 55195, Start Num: 8
Candidate Starts for Vivaldi_65:
(1, 56097), (2, 56082), (3, 56076), (6, 55713), (Start: 8 @55692 has 1 MA's), (Start: 11 @55632 has 49 MA's), (Start: 14 @55551 has 208 MA's), (15, 55485), (16, 55464), (19, 55401), (21, 55380), (22, 55254), (23, 55248), (24, 55203),

Gene: Vortex_63 Start: 55075, Stop: 54719, Start Num: 14
Candidate Starts for Vortex_63:
(4, 55363), (Start: 7 @55216 has 6 MA's), (Start: 11 @55156 has 49 MA's), (Start: 14 @55075 has 208 MA's), (15, 55009), (16, 54988), (21, 54904), (22, 54778), (23, 54772), (24, 54727),

Gene: Wallhey_65 Start: 55198, Stop: 54842, Start Num: 14
Candidate Starts for Wallhey_65:
(4, 55486), (Start: 7 @55339 has 6 MA's), (Start: 11 @55279 has 49 MA's), (Start: 14 @55198 has 208 MA's), (15, 55132), (16, 55111), (21, 55027), (22, 54901), (23, 54895), (24, 54850),

Gene: Waterdiva_64 Start: 55454, Stop: 55098, Start Num: 14
Candidate Starts for Waterdiva_64:
(4, 55742), (Start: 7 @55595 has 6 MA's), (Start: 11 @55535 has 49 MA's), (Start: 14 @55454 has 208 MA's), (15, 55388), (16, 55367), (21, 55283), (22, 55157), (23, 55151), (24, 55106),

Gene: Weher20_62 Start: 55709, Stop: 55377, Start Num: 13
Candidate Starts for Weher20_62:
(5, 55997), (Start: 8 @55850 has 1 MA's), (Start: 11 @55790 has 49 MA's), (Start: 13 @55709 has 31 MA's), (15, 55643), (16, 55622), (19, 55559), (21, 55538), (22, 55412), (23, 55406),

Gene: Windsor_64 Start: 55721, Stop: 55284, Start Num: 11
Candidate Starts for Windsor_64:
(4, 55928), (Start: 7 @55781 has 6 MA's), (Start: 11 @55721 has 49 MA's), (Start: 14 @55640 has 208 MA's), (15, 55574), (16, 55553), (21, 55469), (22, 55343), (23, 55337), (24, 55292),

Gene: Xavier_63 Start: 55082, Stop: 54726, Start Num: 14
Candidate Starts for Xavier_63:
(4, 55370), (Start: 7 @55223 has 6 MA's), (Start: 11 @55163 has 49 MA's), (Start: 14 @55082 has 208 MA's), (15, 55016), (16, 54995), (21, 54911), (22, 54785), (23, 54779), (24, 54734),

Gene: Yoshand_65 Start: 55368, Stop: 55012, Start Num: 14
Candidate Starts for Yoshand_65:
(4, 55656), (Start: 7 @55509 has 6 MA's), (Start: 11 @55449 has 49 MA's), (Start: 14 @55368 has 208 MA's), (15, 55302), (21, 55197), (22, 55071), (23, 55065), (24, 55020),

Gene: YouGoGlencoco_65 Start: 55320, Stop: 54964, Start Num: 14
Candidate Starts for YouGoGlencoco_65:
(4, 55608), (Start: 7 @55461 has 6 MA's), (Start: 11 @55401 has 49 MA's), (Start: 14 @55320 has 208 MA's), (15, 55254), (16, 55233), (21, 55149), (22, 55023), (23, 55017), (24, 54972),

Gene: Zaider_65 Start: 55561, Stop: 55205, Start Num: 14
Candidate Starts for Zaider_65:
(4, 55849), (Start: 7 @55702 has 6 MA's), (Start: 11 @55642 has 49 MA's), (Start: 14 @55561 has 208 MA's), (15, 55495), (16, 55474), (21, 55390), (22, 55264), (23, 55258), (24, 55213),

Gene: Zelda_65 Start: 55722, Stop: 55366, Start Num: 14
Candidate Starts for Zelda_65:
(4, 56010), (Start: 7 @55863 has 6 MA's), (Start: 11 @55803 has 49 MA's), (Start: 14 @55722 has 208 MA's), (15, 55656), (16, 55635), (21, 55551), (22, 55425), (23, 55419), (24, 55374),

Gene: Zonia_65 Start: 55730, Stop: 55293, Start Num: 11
Candidate Starts for Zonia_65:
(4, 55937), (Start: 7 @55790 has 6 MA's), (Start: 11 @55730 has 49 MA's), (Start: 14 @55649 has 208 MA's), (15, 55583), (16, 55562), (21, 55478), (22, 55352), (23, 55346), (24, 55301),