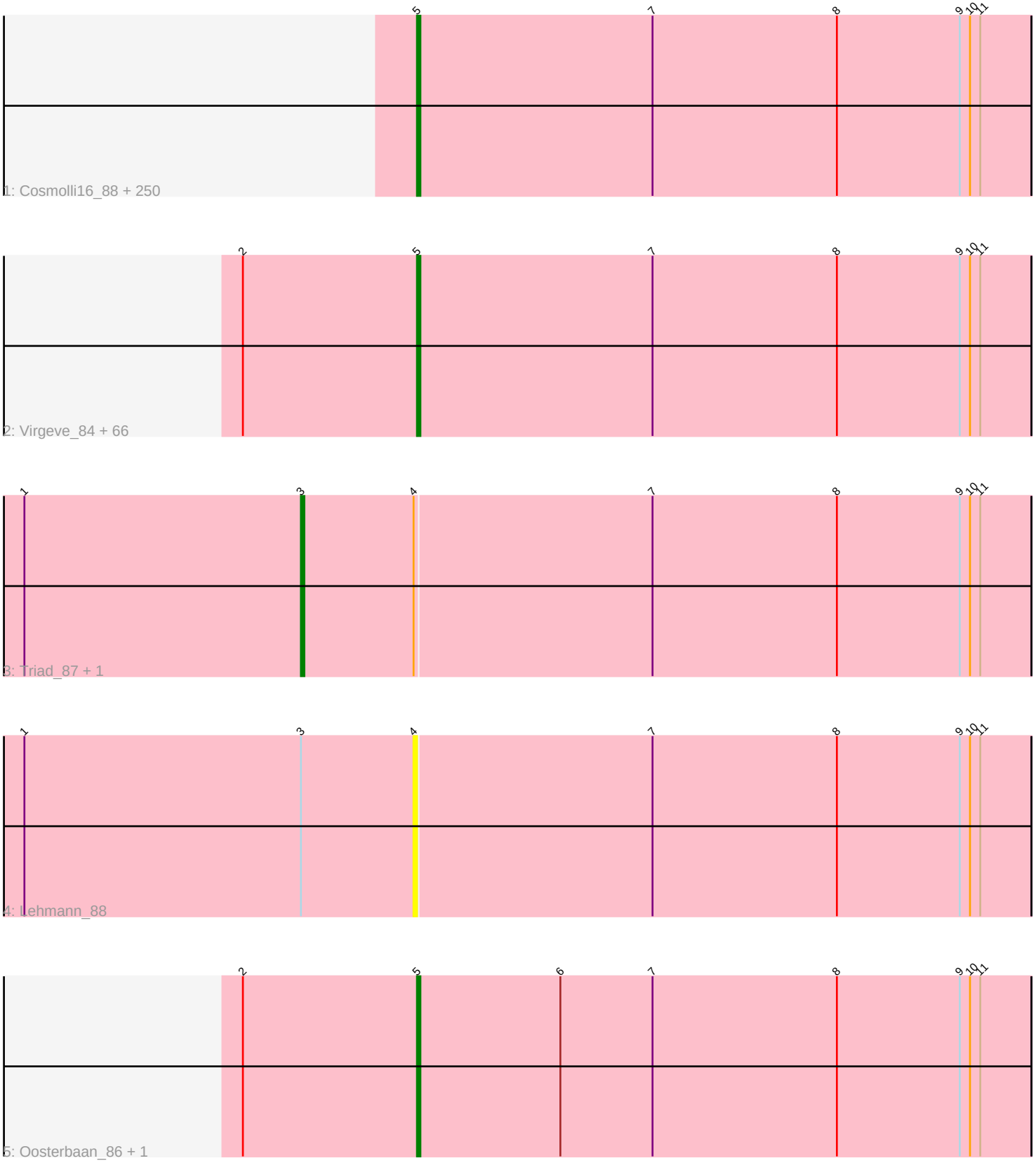
Pham 341656


5
7
8
9
10
11
1: Cosmolli16_88 + 250
2
5
7
8
9
10
11
2: Virgeve_84 + 66
1
3
4
7
8
9
10
11
3: Triad_87 + 1
1
3
4
7
8
9
10
11
4: Uehmann_88
2
5
6
7
8
9
10
11
5: Oosterbaan_86 + 1

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 341656 Report

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

Pham number 341656 has 323 members, 26 are drafts.

Phages represented in each track:
• Track 1 : Cosmolli16_88, IsaacEli_88, ElvisPhasley_87, Iridoclysis_85, CharlieGBrown_84, TyrionL_86, Wallhey_87, HenryJackson_86, BatteryCK_84, Anderson_88, Pinkman_85, Nova1_85, PinheadLarry_85, Squiggle_85, Lumine_87, Longacauda_87, Gwennie1_85, FremontTroll_86, DonSanchon_82, AngelCake_85, Cannibal_87, Roy17_83, HogWash_86, Numberten_85, Aonishiki_86, Brilliant_89, Lulumae_82, Carthage_87, Placalicious_84, Gwilliam_86, Kikipoo_88, TallGrassMM_85, Harvey_83, Newman_83, Oline_85, Podrick_85, Struggle_86, TomBombadil_86, Chorkpop_87, Andre_88, Durga_88, Azuria_86, Sigman_85, Chah_88, Caspiboi_85, Quisquiliae_88, Dingo_83, HSavage_84, Doddsville_83, Etaye_85, Chaelin_87, Held_84, Labeouficaum_86, Boehler_84, Surely_86, Taraxa_86, Soto_83, Banjo_83, EmGer13_86, MitKao_86, Hekos_84, Childish_86, Phleuron_83, Daffy_85, Robyn_88, Phamished_86, Salazzle_84, JacAttac_86, Frankicide_84, Derpp_85, Mecca_86, Kiwot_86, Kwksand96_87, Jbug01_84, Inverness_84, Flake_85, Antonia_85, Orfeu_85, Matalotodo_84, Jiraiya_87, FriarPreacher_83, LeeLot_84, Maskar_87, JDog_85, MelsMeow_85, Inchworm_87, EmpTee_85, Fringe_90, Vaishali24_87, Zonia_86, Thunderbird_86, Cher_86, Spartan300_85, Vectra_85, Badfish_87, PhrodoBaggins_88, CampRoach_87, Hetaeria_86, LuckyMarjie_83, Khan1_85, DuchessDung_83, Hertubise_85, Dione_84, Mcshane_85, Cornbread_84, Riverton_85, Gareth_86, Manad_85, Plmatters_84, DirtJuice_86, Haimas_83, Phareon_84, Karn_86, Virapocalypse_87, Sheila_81, Emiris_88, Roscoe_86, Katniss_88, Basato_85, Plata_85, Ricotta_86, Grand2040_84, Usavi_87, Squid_85, Pipsqueak_83, AltPhacts_84, Morgushi_83, KLucky39_84, Kahve_86, PallasAthena_87, Suffolk_82, RedMaple_85, Vivaldi_86, Bluephacebaby_85, Nehme_82, Larson_88, TooFast2Furius_85, JakeO_87, ABU_84, Soile_87, Chipette_86, Legolas_87, LemonSlice_86, Olive_83, Tooj_83, CheetO_83, Zaider_87, Melc17_83, ShadowBud_86, Crownjwl_83, Chunky_85, Piglet_0086, Morty_87, KlimbOn_85, Phipps_84, Buckeye_85, Keitherie_89, Vaticameos_83, DoesntMatter_83, Skippy_86, MrPhizzler_89, Nacho_0088, MRabcd_86, Scrick_85, Trypo_86, Aleia_85, PhenghisKhan_86, KingTut_77, Freya_83, Eremos_84, DaddyDaniels_89, ImtiyazSitla_87, Mosaic_83, Hocus_84, Pacifista_85, Orwigg_85, Iridessa_88, Horchata_82, HighStump_87, Veritas_85, Maru_86, Vortex_84, Charles1_87, PG1_84, Ashraf_87, Mutante_87, BlueHusk_87, MichaelPhcott_84, GeneCoco_86, Dati_83, Mana_84, Magic8_85, RedRaider89_85, DelRivs_84, Orion_84, FleetyMac_85, Roliet_83, Swish_87, Burr_86, Gyarad_0085, BoogieWoogie_87, Mag7_84, Serendipity_85, ProfessorX_84, Jillium_87, ThreeOh3D2_87, Solosis_84, Mikota_82, LasagnaCat_87, Windsor_86, Gophee_86, Hartsy_84, Serpentine_0087, Valjean_85, Nathan_86, Duggie_86, Murdoc_82,

Kimbrough_87, PhrankReynolds_84, Jiminy_86, Megamind20_86, Craff_88, SassyCat97_84, Septica_87, Dice_85, Megatron_87, SirBeauregard_87, DolOn_90, UAch1_87, Scoot17C_86, Slatt_86, Lulwa_83, LeiMonet_89, Pops_83, PhatCats2014_85, Puhltonio_82, Schadenfreude_86, Rimu_85, Mesh1_87, Potter_81, Kailash_84, UncleHowie_82, True_84, Weher20_83, Timmi_85, Xavier_85, JangoPhett_84, SDcharge11_85, Schueller_84, OneBrain_88, Phergie_86
• Track 2 : Virgeve_84, Altwerkus_84, SilverBell_87, Pherdinand_87, Aelin_85, Cornobble_84, Vista_85, Bishoperium_86, Lego3393_84, Hamish_83, NiaNia_87, OliverWalter_86, BlackStallion_85, Prickles_87, Olak_85, ShiVal_84, KingVeVeVe_84, Kloppinator_86, GreenChile_85, Riggan_87, Tomlarah_87, Toni_85, Selr12_87, Beaglebox_83, Kwadwo_85, FluffyNinja_87, Samaymay_86, Adriana_86, Waterdiva_87, Zelda_86, Coletti_89, Fozzie_83, Swiphy_88, MiniBoss_82, Yoshand_87, Eugenia_88, Mesmerelda_85, Nyala_85, Lasso_85, BlacksBerry_87, FugateOSU_86, Sophia_84, Chuni_89, Apizium_84, Chute_86, Omniscient_87, LostAndPhound_85, Mulan_85, YouGoGlencoco_86, Fang_87, PhatLouie_88, Daka_88, OSmaximus_87, AbsoluteMadLad_84, Giraffe_86, SallyH_89, Jesabah_88, Nicole21_87, QueenBeane_86, Cobra_86, Simielle_85, Haleema_85, Colbert_84, CamL_86, Happabalu_84, Telesworld_84, Phunky_84
• Track 3 : Triad_87, Lopsy_82
• Track 4 : Lehmann_88
• Track 5 : Oosterbaan_86, Thora_84

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

The start number called the most often in the published annotations is 5, it was called in 296 of the 297 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ABU_84, AbsoluteMadLad_84, Adriana_86, Aelin_85, Aleia_85, AltPhacts_84, Altwerkus_84, Anderson_88, Andre_88, AngelCake_85, Antonia_85, Aonishiki_86, Apizium_84, Ashraf_87, Azuria_86, Badfish_87, Banjo_83, Basato_85, BatteryCK_84, Beaglebox_83, Bishoperium_86, BlackStallion_85, BlacksBerry_87, BlueHusk_87, Bluephacebaby_85, Boehler_84, BoogieWoogie_87, Brilliant_89, Buckeye_85, Burr_86, CamL_86, CampRoach_87, Cannibal_87, Carthage_87, Caspiboi_85, Chaelin_87, Chah_88, Charles1_87, CharlieGBrown_84, CheetO_83, Cher_86, Childish_86, Chipette_86, Chorkpop_87, Chuni_89, Chunky_85, Chute_86, Cobra_86, Colbert_84, Coletti_89, Cornbread_84, Cornobble_84, Cosmolli16_88, Craff_88, Crownjwl_83, DaddyDaniels_89, Daffy_85, Daka_88, Dati_83, DelRivs_84, Derpp_85, Dice_85, Dingo_83, Dione_84, DirtJuice_86, Doddsville_83, DoesntMatter_83, DolOn_90, DonSanchon_82, DuchessDung_83, Duggie_86, Durga_88, ElvisPhasley_87, EmGer13_86, Emiris_88, EmpTee_85, Eremos_84, Etaye_85, Eugenia_88, Fang_87, Flake_85, FleetyMac_85, FluffyNinja_87, Fozzie_83, Frankicide_84, FremontTroll_86, Freya_83, FriarPreacher_83, Fringe_90, FugateOSU_86, Gareth_86, GeneCoco_86, Giraffe_86, Gophee_86, Grand2040_84, GreenChile_85, Gwennie1_85, Gwilliam_86, Gyarad_0085, HSavage_84, Haimas_83, Haleema_85, Hamish_83, Happabalu_84, Hartsy_84, Harvey_83, Hekos_84, Held_84, HenryJackson_86, Hertubise_85, Hetaeria_86, HighStump_87, Hocus_84, HogWash_86, Horchata_82, ImtiyazSitla_87, Inchworm_87, Inverness_84, Iridessa_88, Iridoclysis_85, IsaacEli_88, JDog_85, JacAttac_86,

JakeO_87, JangoPhett_84, Jbug01_84, Jesabah_88, Jillium_87, Jiminy_86, Jiraiya_87, KLucky39_84, Kahve_86, Kailash_84, Karn_86, Katniss_88, Keitherie_89, Khan1_85, Kikipoo_88, Kimbrough_87, KingTut_77, KingVeVeVe_84, Kiwot_86, KlimbOn_85, Kloppinator_86, Kwadwo_85, Kwksand96_87, Labeouficaum_86, Larson_88, LasagnaCat_87, Lasso_85, LeeLot_84, Lego3393_84, Legolas_87, LeiMonet_89, LemonSlice_86, Longacauda_87, LostAndPhound_85, LuckyMarjie_83, Lulumae_82, Lulwa_83, Lumine_87, MRabcd_86, Mag7_84, Magic8_85, Mana_84, Manad_85, Maru_86, Maskar_87, Matalotodo_84, Mcshane_85, Mecca_86, Megamind20_86, Megatron_87, Melc17_83, MelsMeow_85, Mesh1_87, Mesmerelda_85, MichaelPhcott_84, Mikota_82, MiniBoss_82, MitKao_86, Morgushi_83, Morty_87, Mosaic_83, MrPhizzler_89, Mulan_85, Murdoc_82, Mutante_87, Nacho_0088, Nathan_86, Nehme_82, Newman_83, NiaNia_87, Nicole21_87, Nova1_85, Numberten_85, Nyala_85, OSmaximus_87, Olak_85, Oline_85, Olive_83, OliverWalter_86, Omniscient_87, OneBrain_88, Oosterbaan_86, Orfeu_85, Orion_84, Orwigg_85, PG1_84, Pacifista_85, PallasAthena_87, Phamished_86, Phareon_84, PhatCats2014_85, PhatLouie_88, PhenghisKhan_86, Pherdinand_87, Phergie_86, Phipps_84, Phleuron_83, PhrankReynolds_84, PhrodoBaggins_88, Phunky_84, Piglet_0086, PinheadLarry_85, Pinkman_85, Pipsqueak_83, Placalicious_84, Plata_85, Plmatters_84, Podrick_85, Pops_83, Potter_81, Prickles_87, ProfessorX_84, Puhltonio_82, QueenBeane_86, Quisquiliae_88, RedMaple_85, RedRaider89_85, Ricotta_86, Riggan_87, Rimu_85, Riverton_85, Robyn_88, Roliet_83, Roscoe_86, Roy17_83, SDcharge11_85, Salazzle_84, SallyH_89, Samaymay_86, SassyCat97_84, Schadenfreude_86, Schueller_84, Scoot17C_86, Scrick_85, Selr12_87, Septica_87, Serendipity_85, Serpentine_0087, ShadowBud_86, Sheila_81, ShiVal_84, Sigman_85, SilverBell_87, Simielle_85, SirBeauregard_87, Skippy_86, Slatt_86, Soile_87, Solosis_84, Sophia_84, Soto_83, Spartan300_85, Squid_85, Squiggle_85, Struggle_86, Suffolk_82, Surely_86, Swiphy_88, Swish_87, TallGrassMM_85, Taraxa_86, Telesworld_84, Thora_84, ThreeOh3D2_87, Thunderbird_86, Timmi_85, TomBombadil_86, Tomlarah_87, Toni_85, TooFast2Furius_85, Tooj_83, True_84, Trypo_86, TyrionL_86, UAch1_87, UncleHowie_82, Usavi_87, Vaishali24_87, Valjean_85, Vaticameos_83, Vectra_85, Veritas_85, Virapocalypse_87, Virgeve_84, Vista_85, Vivaldi_86, Vortex_84, Wallhey_87, Waterdiva_87, Weher20_83, Windsor_86, Xavier_85, Yoshand_87, YouGoGlencoco_86, Zaider_87, Zelda_86, Zonia_86,

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

Genes that do not have the "Most Annotated" start:
• Lehmann_88, Lopsy_82, Triad_87,

Summary by start number:

Start 3:
• Found in 3 of 323 (0.9%) of genes in pham
• Manual Annotations of this start: 1 of 297
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Lopsy_82 (B1), Triad_87 (B1),

Start 4:
• Found in 3 of 323 (0.9%) of genes in pham
• No Manual Annotations of this start.

• Called 33.3% of time when present
• Phage (with cluster) where this start called: Lehmann_88 (B1),

Start 5:
• Found in 320 of 323 (99.1%) of genes in pham
• Manual Annotations of this start: 296 of 297
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ABU_84 (B1), AbsoluteMadLad_84 (B1), Adriana_86 (B1), Aelin_85 (B1), Aleia_85 (B1), AltPhacts_84 (B1), Altwerkus_84 (B1), Anderson_88 (B1), Andre_88 (B1), AngelCake_85 (B1), Antonia_85 (B1), Aonishiki_86 (B1), Apizium_84 (B1), Ashraf_87 (B1), Azuria_86 (B1), Badfish_87 (B1), Banjo_83 (B1), Basato_85 (B1), BatteryCK_84 (B1), Beaglebox_83 (B1), Bishoperium_86 (B1), BlackStallion_85 (B1), BlacksBerry_87 (B1), BlueHusk_87 (B1), Bluephacebaby_85 (B1), Boehler_84 (B1), BoogieWoogie_87 (B1), Brilliant_89 (B1), Buckeye_85 (B1), Burr_86 (B1), CamL_86 (B1), CampRoach_87 (B1), Cannibal_87 (B1), Carthage_87 (B1), Caspiboi_85 (B1), Chaelin_87 (B1), Chah_88 (B1), Charles1_87 (B1), CharlieGBrown_84 (B1), CheetO_83 (B1), Cher_86 (B1), Childish_86 (B1), Chipette_86 (B1), Chorkpop_87 (B1), Chuni_89 (B1), Chunky_85 (B1), Chute_86 (B1), Cobra_86 (B1), Colbert_84 (B1), Coletti_89 (B1), Cornbread_84 (B1), Cornobble_84 (B1), Cosmolli16_88 (B1), Craff_88 (B1), Crownjwl_83 (B1), DaddyDaniels_89 (B1), Daffy_85 (B1), Daka_88 (B1), Dati_83 (B1), DelRivs_84 (B1), Derpp_85 (B1), Dice_85 (B1), Dingo_83 (B1), Dione_84 (B1), DirtJuice_86 (B1), Doddsville_83 (B1), DoesntMatter_83 (B1), DolOn_90 (B1), DonSanchon_82 (B1), DuchessDung_83 (B1), Duggie_86 (B1), Durga_88 (B1), ElvisPhasley_87 (B1), EmGer13_86 (B1), Emiris_88 (B1), EmpTee_85 (B1), Eremos_84 (B1), Etaye_85 (B1), Eugenia_88 (B1), Fang_87 (B1), Flake_85 (B1), FleetyMac_85 (B1), FluffyNinja_87 (B1), Fozzie_83 (B1), Frankicide_84 (B1), FremontTroll_86 (B1), Freya_83 (B1), FriarPreacher_83 (B1), Fringe_90 (B1), FugateOSU_86 (B1), Gareth_86 (B1), GeneCoco_86 (B1), Giraffe_86 (B1), Gophee_86 (B1), Grand2040_84 (B1), GreenChile_85 (B1), Gwennie1_85 (B1), Gwilliam_86 (B1), Gyarad_0085 (B1), HSavage_84 (B1), Haimas_83 (B1), Haleema_85 (B1), Hamish_83 (B1), Happabalu_84 (B1), Hartsy_84 (B1), Harvey_83 (B1), Hekos_84 (B1), Held_84 (B1), HenryJackson_86 (B1), Hertubise_85 (B1), Hetaeria_86 (B1), HighStump_87 (B1), Hocus_84 (B1), HogWash_86 (B1), Horchata_82 (B1), ImtiyazSitla_87 (B1), Inchworm_87 (B1), Inverness_84 (B1), Iridessa_88 (B1), Iridoclysis_85 (B1), IsaacEli_88 (B1), JDog_85 (B1), JacAttac_86 (B1), JakeO_87 (B1), JangoPhett_84 (B1), Jbug01_84 (B1), Jesabah_88 (B1), Jillium_87 (B1), Jiminy_86 (B1), Jiraiya_87 (B1), KLucky39_84 (B1), Kahve_86 (B1), Kailash_84 (B1), Karn_86 (B1), Katniss_88 (B1), Keitherie_89 (B1), Khan1_85 (B1), Kikipoo_88 (B1), Kimbrough_87 (B1), KingTut_77 (B1), KingVeVeVe_84 (B1), Kiwot_86 (B1), KlimbOn_85 (B1), Kloppinator_86 (B1), Kwadwo_85 (B1), Kwksand96_87 (B1), Labeoufficaum_86 (B1), Larson_88 (B1), LasagnaCat_87 (B1), Lasso_85 (B1), LeeLot_84 (B1), Lego3393_84 (B1), Legolas_87 (B1), LeiMonet_89 (B1), LemonSlice_86 (B1), Longacauda_87 (B1), LostAndPhound_85 (B1), LuckyMarjie_83 (B1), Lulumae_82 (B1), Lulwa_83 (B1), Lumine_87 (B1), MRabcd_86 (B1), Mag7_84 (B1), Magic8_85 (B1), Mana_84 (B1), Manad_85 (B1), Maru_86 (B1), Maskar_87 (B1), Matalotodo_84 (B1), Mcshane_85 (B1), Mecca_86 (B1), Megamind20_86 (B1), Megatron_87 (B1), Melc17_83 (B1), MelsMeow_85 (B1), Mesh1_87 (B1), Mesmerelda_85 (B1), MichaelPhcott_84 (B1), Mikota_82 (B1), MiniBoss_82 (B1), MitKao_86 (B1), Morgushi_83 (B1), Morty_87 (B1), Mosaic_83 (B1), MrPhizzler_89 (B1), Mulan_85 (B1), Murdoc_82 (B1), Mutante_87 (B1), Nacho_0088 (B1), Nathan_86 (B1), Nehme_82 (B1), Newman_83 (B1), NiaNia_87 (B1), Nicole21_87 (B1), Nova1_85 (B1), Numberten_85 (B1), Nyala_85 (B1), OSmaximus_87 (B1),

Olak_85 (B1), Oline_85 (B1), Olive_83 (B1), OliverWalter_86 (B1), Omniscient_87 (B1), OneBrain_88 (B1), Oosterbaan_86 (B1), Orfeu_85 (B1), Orion_84 (B1), Orwigg_85 (B1), PG1_84 (B1), Pacifista_85 (B1), PallasAthena_87 (B1), Phamished_86 (B1), Phareon_84 (B1), PhatCats2014_85 (B1), PhatLouie_88 (B1), PhenghisKhan_86 (B1), Pherdinand_87 (B1), Phergie_86 (B1), Phipps_84 (B1), Phleuron_83 (B1), PhrankReynolds_84 (B1), PhrodoBaggins_88 (B1), Phunky_84 (B1), Piglet_0086 (B1), PinheadLarry_85 (B1), Pinkman_85 (B1), Pipsqueak_83 (B1), Placalicious_84 (B1), Plata_85 (B1), Plmatters_84 (B1), Podrick_85 (B1), Pops_83 (B1), Potter_81 (B1), Prickles_87 (B1), ProfessorX_84 (B1), Puhltonio_82 (B1), QueenBeane_86 (B1), Quisquiliae_88 (B1), RedMaple_85 (B1), RedRaider89_85 (B1), Ricotta_86 (B1), Riggan_87 (B1), Rimu_85 (B1), Riverton_85 (B1), Robyn_88 (B1), Roliet_83 (B1), Roscoe_86 (B1), Roy17_83 (B1), SDcharge11_85 (B1), Salazzle_84 (B1), SallyH_89 (B1), Samaymay_86 (B1), SassyCat97_84 (B1), Schadenfreude_86 (B1), Schueller_84 (B1), Scoot17C_86 (B1), Scrick_85 (B1), Selr12_87 (B1), Septica_87 (B1), Serendipity_85 (B1), Serpentine_0087 (B1), ShadowBud_86 (B1), Sheila_81 (B1), ShiVal_84 (B1), Sigman_85 (B1), SilverBell_87 (B1), Simielle_85 (B1), SirBeauregard_87 (B1), Skippy_86 (B1), Slatt_86 (B1), Soile_87 (B1), Solosis_84 (B1), Sophia_84 (B1), Soto_83 (B1), Spartan300_85 (B1), Squid_85 (B1), Squiggle_85 (B1), Struggle_86 (B1), Suffolk_82 (B1), Surely_86 (B1), Swiphy_88 (B1), Swish_87 (B1), TallGrassMM_85 (B1), Taraxa_86 (B1), Telesworld_84 (B1), Thora_84 (B1), ThreeOh3D2_87 (B1), Thunderbird_86 (B1), Timmi_85 (B1), TomBombadil_86 (B1), Tomlarah_87 (B1), Toni_85 (B1), TooFast2Furius_85 (B1), Tooj_83 (B1), True_84 (B1), Trypo_86 (B1), TyrionL_86 (B1), UAch1_87 (B1), UncleHowie_82 (B1), Usavi_87 (B1), Vaishali24_87 (B1), Valjean_85 (B1), Vaticameos_83 (B1), Vectra_85 (B1), Veritas_85 (B1), Virapocalypse_87 (B1), Virgeve_84 (B1), Vista_85 (B1), Vivaldi_86 (B1), Vortex_84 (B1), Wallhey_87 (B1), Waterdiva_87 (B1), Weher20_83 (B1), Windsor_86 (B1), Xavier_85 (B1), Yoshand_87 (B1), YouGoGlencoco_86 (B1), Zaider_87 (B1), Zelda_86 (B1), Zonia_86 (B1),

Summary by clusters:

There is one cluster represented in this pham: B1

Info for manual annotations of cluster B1:
•Start number 3 was manually annotated 1 time for cluster B1.
•Start number 5 was manually annotated 296 times for cluster B1.

Gene Information:

Gene: ABU_84 Start: 63664, Stop: 63485, Start Num: 5
Candidate Starts for ABU_84:
(Start: 5 @63664 has 296 MA's), (7, 63595), (8, 63541), (9, 63505), (10, 63502), (11, 63499),

Gene: AbsoluteMadLad_84 Start: 63618, Stop: 63439, Start Num: 5
Candidate Starts for AbsoluteMadLad_84:
(2, 63669), (Start: 5 @63618 has 296 MA's), (7, 63549), (8, 63495), (9, 63459), (10, 63456), (11, 63453),

Gene: Adriana_86 Start: 64180, Stop: 64001, Start Num: 5
Candidate Starts for Adriana_86:

(2, 64231), (Start: 5 @64180 has 296 MA's), (7, 64111), (8, 64057), (9, 64021), (10, 64018), (11, 64015),

Gene: Aelin_85 Start: 63122, Stop: 62943, Start Num: 5
Candidate Starts for Aelin_85:
(2, 63173), (Start: 5 @63122 has 296 MA's), (7, 63053), (8, 62999), (9, 62963), (10, 62960), (11, 62957),

Gene: Aleia_85 Start: 63307, Stop: 63128, Start Num: 5
Candidate Starts for Aleia_85:
(Start: 5 @63307 has 296 MA's), (7, 63238), (8, 63184), (9, 63148), (10, 63145), (11, 63142),

Gene: AltPhacts_84 Start: 62883, Stop: 62704, Start Num: 5
Candidate Starts for AltPhacts_84:
(Start: 5 @62883 has 296 MA's), (7, 62814), (8, 62760), (9, 62724), (10, 62721), (11, 62718),

Gene: Altwerkus_84 Start: 62994, Stop: 62815, Start Num: 5
Candidate Starts for Altwerkus_84:
(2, 63045), (Start: 5 @62994 has 296 MA's), (7, 62925), (8, 62871), (9, 62835), (10, 62832), (11, 62829),

Gene: Anderson_88 Start: 63540, Stop: 63361, Start Num: 5
Candidate Starts for Anderson_88:
(Start: 5 @63540 has 296 MA's), (7, 63471), (8, 63417), (9, 63381), (10, 63378), (11, 63375),

Gene: Andre_88 Start: 63562, Stop: 63383, Start Num: 5
Candidate Starts for Andre_88:
(Start: 5 @63562 has 296 MA's), (7, 63493), (8, 63439), (9, 63403), (10, 63400), (11, 63397),

Gene: AngelCake_85 Start: 63289, Stop: 63110, Start Num: 5
Candidate Starts for AngelCake_85:
(Start: 5 @63289 has 296 MA's), (7, 63220), (8, 63166), (9, 63130), (10, 63127), (11, 63124),

Gene: Antonia_85 Start: 63166, Stop: 62987, Start Num: 5
Candidate Starts for Antonia_85:
(Start: 5 @63166 has 296 MA's), (7, 63097), (8, 63043), (9, 63007), (10, 63004), (11, 63001),

Gene: Aonishiki_86 Start: 63475, Stop: 63296, Start Num: 5
Candidate Starts for Aonishiki_86:
(Start: 5 @63475 has 296 MA's), (7, 63406), (8, 63352), (9, 63316), (10, 63313), (11, 63310),

Gene: Apizium_84 Start: 62822, Stop: 62643, Start Num: 5
Candidate Starts for Apizium_84:
(2, 62873), (Start: 5 @62822 has 296 MA's), (7, 62753), (8, 62699), (9, 62663), (10, 62660), (11, 62657),

Gene: Ashraf_87 Start: 63653, Stop: 63474, Start Num: 5
Candidate Starts for Ashraf_87:
(Start: 5 @63653 has 296 MA's), (7, 63584), (8, 63530), (9, 63494), (10, 63491), (11, 63488),

Gene: Azuria_86 Start: 63611, Stop: 63432, Start Num: 5
Candidate Starts for Azuria_86:
(Start: 5 @63611 has 296 MA's), (7, 63542), (8, 63488), (9, 63452), (10, 63449), (11, 63446),

Gene: Badfish_87 Start: 63844, Stop: 63665, Start Num: 5
Candidate Starts for Badfish_87:
(Start: 5 @63844 has 296 MA's), (7, 63775), (8, 63721), (9, 63685), (10, 63682), (11, 63679),

Gene: Banjo_83 Start: 63110, Stop: 62931, Start Num: 5
Candidate Starts for Banjo_83:
(Start: 5 @63110 has 296 MA's), (7, 63041), (8, 62987), (9, 62951), (10, 62948), (11, 62945),

Gene: Basato_85 Start: 63575, Stop: 63396, Start Num: 5
Candidate Starts for Basato_85:
(Start: 5 @63575 has 296 MA's), (7, 63506), (8, 63452), (9, 63416), (10, 63413), (11, 63410),

Gene: BatteryCK_84 Start: 63101, Stop: 62922, Start Num: 5
Candidate Starts for BatteryCK_84:
(Start: 5 @63101 has 296 MA's), (7, 63032), (8, 62978), (9, 62942), (10, 62939), (11, 62936),

Gene: Beaglebox_83 Start: 63233, Stop: 63054, Start Num: 5
Candidate Starts for Beaglebox_83:
(2, 63284), (Start: 5 @63233 has 296 MA's), (7, 63164), (8, 63110), (9, 63074), (10, 63071), (11, 63068),

Gene: Bishoperium_86 Start: 63680, Stop: 63501, Start Num: 5
Candidate Starts for Bishoperium_86:
(2, 63731), (Start: 5 @63680 has 296 MA's), (7, 63611), (8, 63557), (9, 63521), (10, 63518), (11, 63515),

Gene: BlackStallion_85 Start: 63530, Stop: 63351, Start Num: 5
Candidate Starts for BlackStallion_85:
(2, 63581), (Start: 5 @63530 has 296 MA's), (7, 63461), (8, 63407), (9, 63371), (10, 63368), (11, 63365),

Gene: BlacksBerry_87 Start: 63055, Stop: 62876, Start Num: 5
Candidate Starts for BlacksBerry_87:
(2, 63106), (Start: 5 @63055 has 296 MA's), (7, 62986), (8, 62932), (9, 62896), (10, 62893), (11, 62890),

Gene: BlueHusk_87 Start: 63353, Stop: 63174, Start Num: 5
Candidate Starts for BlueHusk_87:
(Start: 5 @63353 has 296 MA's), (7, 63284), (8, 63230), (9, 63194), (10, 63191), (11, 63188),

Gene: Bluephacebaby_85 Start: 63713, Stop: 63534, Start Num: 5
Candidate Starts for Bluephacebaby_85:
(Start: 5 @63713 has 296 MA's), (7, 63644), (8, 63590), (9, 63554), (10, 63551), (11, 63548),

Gene: Boehler_84 Start: 63504, Stop: 63325, Start Num: 5
Candidate Starts for Boehler_84:
(Start: 5 @63504 has 296 MA's), (7, 63435), (8, 63381), (9, 63345), (10, 63342), (11, 63339),

Gene: BoogieWoogie_87 Start: 63125, Stop: 62946, Start Num: 5
Candidate Starts for BoogieWoogie_87:
(Start: 5 @63125 has 296 MA's), (7, 63056), (8, 63002), (9, 62966), (10, 62963), (11, 62960),

Gene: Brilliant_89 Start: 63693, Stop: 63514, Start Num: 5
Candidate Starts for Brilliant_89:
(Start: 5 @63693 has 296 MA's), (7, 63624), (8, 63570), (9, 63534), (10, 63531), (11, 63528),

Gene: Buckeye_85 Start: 64231, Stop: 64052, Start Num: 5
Candidate Starts for Buckeye_85:
(Start: 5 @64231 has 296 MA's), (7, 64162), (8, 64108), (9, 64072), (10, 64069), (11, 64066),

Gene: Burr_86 Start: 63165, Stop: 62986, Start Num: 5
Candidate Starts for Burr_86:
(Start: 5 @63165 has 296 MA's), (7, 63096), (8, 63042), (9, 63006), (10, 63003), (11, 63000),

Gene: CamL_86 Start: 63465, Stop: 63286, Start Num: 5
Candidate Starts for CamL_86:
(2, 63516), (Start: 5 @63465 has 296 MA's), (7, 63396), (8, 63342), (9, 63306), (10, 63303), (11, 63300),

Gene: CampRoach_87 Start: 63561, Stop: 63382, Start Num: 5
Candidate Starts for CampRoach_87:
(Start: 5 @63561 has 296 MA's), (7, 63492), (8, 63438), (9, 63402), (10, 63399), (11, 63396),

Gene: Cannibal_87 Start: 63567, Stop: 63388, Start Num: 5
Candidate Starts for Cannibal_87:
(Start: 5 @63567 has 296 MA's), (7, 63498), (8, 63444), (9, 63408), (10, 63405), (11, 63402),

Gene: Carthage_87 Start: 63235, Stop: 63056, Start Num: 5
Candidate Starts for Carthage_87:
(Start: 5 @63235 has 296 MA's), (7, 63166), (8, 63112), (9, 63076), (10, 63073), (11, 63070),

Gene: Caspiboi_85 Start: 63400, Stop: 63221, Start Num: 5
Candidate Starts for Caspiboi_85:
(Start: 5 @63400 has 296 MA's), (7, 63331), (8, 63277), (9, 63241), (10, 63238), (11, 63235),

Gene: Chaelin_87 Start: 63695, Stop: 63516, Start Num: 5
Candidate Starts for Chaelin_87:
(Start: 5 @63695 has 296 MA's), (7, 63626), (8, 63572), (9, 63536), (10, 63533), (11, 63530),

Gene: Chah_88 Start: 63264, Stop: 63085, Start Num: 5
Candidate Starts for Chah_88:
(Start: 5 @63264 has 296 MA's), (7, 63195), (8, 63141), (9, 63105), (10, 63102), (11, 63099),

Gene: Charles1_87 Start: 63473, Stop: 63294, Start Num: 5
Candidate Starts for Charles1_87:
(Start: 5 @63473 has 296 MA's), (7, 63404), (8, 63350), (9, 63314), (10, 63311), (11, 63308),

Gene: CharlieGBrown_84 Start: 63196, Stop: 63017, Start Num: 5
Candidate Starts for CharlieGBrown_84:
(Start: 5 @63196 has 296 MA's), (7, 63127), (8, 63073), (9, 63037), (10, 63034), (11, 63031),

Gene: CheetO_83 Start: 63570, Stop: 63391, Start Num: 5
Candidate Starts for CheetO_83:
(Start: 5 @63570 has 296 MA's), (7, 63501), (8, 63447), (9, 63411), (10, 63408), (11, 63405),

Gene: Cher_86 Start: 63667, Stop: 63488, Start Num: 5
Candidate Starts for Cher_86:
(Start: 5 @63667 has 296 MA's), (7, 63598), (8, 63544), (9, 63508), (10, 63505), (11, 63502),

Gene: Childish_86 Start: 63858, Stop: 63679, Start Num: 5
Candidate Starts for Childish_86:
(Start: 5 @63858 has 296 MA's), (7, 63789), (8, 63735), (9, 63699), (10, 63696), (11, 63693),

Gene: Chipette_86 Start: 63395, Stop: 63216, Start Num: 5
Candidate Starts for Chipette_86:
(Start: 5 @63395 has 296 MA's), (7, 63326), (8, 63272), (9, 63236), (10, 63233), (11, 63230),

Gene: Chorkpop_87 Start: 63321, Stop: 63142, Start Num: 5
Candidate Starts for Chorkpop_87:
(Start: 5 @63321 has 296 MA's), (7, 63252), (8, 63198), (9, 63162), (10, 63159), (11, 63156),

Gene: Chuni_89 Start: 63907, Stop: 63728, Start Num: 5
Candidate Starts for Chuni_89:
(2, 63958), (Start: 5 @63907 has 296 MA's), (7, 63838), (8, 63784), (9, 63748), (10, 63745), (11, 63742),

Gene: Chunky_85 Start: 63166, Stop: 62987, Start Num: 5
Candidate Starts for Chunky_85:
(Start: 5 @63166 has 296 MA's), (7, 63097), (8, 63043), (9, 63007), (10, 63004), (11, 63001),

Gene: Chute_86 Start: 63860, Stop: 63681, Start Num: 5
Candidate Starts for Chute_86:
(2, 63911), (Start: 5 @63860 has 296 MA's), (7, 63791), (8, 63737), (9, 63701), (10, 63698), (11, 63695),

Gene: Cobra_86 Start: 63691, Stop: 63512, Start Num: 5
Candidate Starts for Cobra_86:
(2, 63742), (Start: 5 @63691 has 296 MA's), (7, 63622), (8, 63568), (9, 63532), (10, 63529), (11, 63526),

Gene: Colbert_84 Start: 62589, Stop: 62410, Start Num: 5
Candidate Starts for Colbert_84:
(2, 62640), (Start: 5 @62589 has 296 MA's), (7, 62520), (8, 62466), (9, 62430), (10, 62427), (11, 62424),

Gene: Coletti_89 Start: 64216, Stop: 64037, Start Num: 5
Candidate Starts for Coletti_89:
(2, 64267), (Start: 5 @64216 has 296 MA's), (7, 64147), (8, 64093), (9, 64057), (10, 64054), (11, 64051),

Gene: Cornbread_84 Start: 63348, Stop: 63169, Start Num: 5
Candidate Starts for Cornbread_84:
(Start: 5 @63348 has 296 MA's), (7, 63279), (8, 63225), (9, 63189), (10, 63186), (11, 63183),

Gene: Cornobble_84 Start: 63159, Stop: 62980, Start Num: 5
Candidate Starts for Cornobble_84:
(2, 63210), (Start: 5 @63159 has 296 MA's), (7, 63090), (8, 63036), (9, 63000), (10, 62997), (11, 62994),

Gene: Cosmolli16_88 Start: 64036, Stop: 63857, Start Num: 5
Candidate Starts for Cosmolli16_88:
(Start: 5 @64036 has 296 MA's), (7, 63967), (8, 63913), (9, 63877), (10, 63874), (11, 63871),

Gene: Craff_88 Start: 64079, Stop: 63900, Start Num: 5
Candidate Starts for Craff_88:
(Start: 5 @64079 has 296 MA's), (7, 64010), (8, 63956), (9, 63920), (10, 63917), (11, 63914),

Gene: Crownjwl_83 Start: 63345, Stop: 63166, Start Num: 5
Candidate Starts for Crownjwl_83:
(Start: 5 @63345 has 296 MA's), (7, 63276), (8, 63222), (9, 63186), (10, 63183), (11, 63180),

Gene: DaddyDaniels_89 Start: 63812, Stop: 63633, Start Num: 5
Candidate Starts for DaddyDaniels_89:
(Start: 5 @63812 has 296 MA's), (7, 63743), (8, 63689), (9, 63653), (10, 63650), (11, 63647),

Gene: Daffy_85 Start: 63306, Stop: 63127, Start Num: 5
Candidate Starts for Daffy_85:
(Start: 5 @63306 has 296 MA's), (7, 63237), (8, 63183), (9, 63147), (10, 63144), (11, 63141),

Gene: Daka_88 Start: 63512, Stop: 63333, Start Num: 5
Candidate Starts for Daka_88:
(2, 63563), (Start: 5 @63512 has 296 MA's), (7, 63443), (8, 63389), (9, 63353), (10, 63350), (11, 63347),

Gene: Dati_83 Start: 63490, Stop: 63311, Start Num: 5
Candidate Starts for Dati_83:
(Start: 5 @63490 has 296 MA's), (7, 63421), (8, 63367), (9, 63331), (10, 63328), (11, 63325),

Gene: DelRivs_84 Start: 63119, Stop: 62940, Start Num: 5
Candidate Starts for DelRivs_84:
(Start: 5 @63119 has 296 MA's), (7, 63050), (8, 62996), (9, 62960), (10, 62957), (11, 62954),

Gene: Derpp_85 Start: 63229, Stop: 63050, Start Num: 5
Candidate Starts for Derpp_85:
(Start: 5 @63229 has 296 MA's), (7, 63160), (8, 63106), (9, 63070), (10, 63067), (11, 63064),

Gene: Dice_85 Start: 63151, Stop: 62972, Start Num: 5
Candidate Starts for Dice_85:
(Start: 5 @63151 has 296 MA's), (7, 63082), (8, 63028), (9, 62992), (10, 62989), (11, 62986),

Gene: Dingo_83 Start: 62872, Stop: 62693, Start Num: 5
Candidate Starts for Dingo_83:
(Start: 5 @62872 has 296 MA's), (7, 62803), (8, 62749), (9, 62713), (10, 62710), (11, 62707),

Gene: Dione_84 Start: 62871, Stop: 62692, Start Num: 5
Candidate Starts for Dione_84:
(Start: 5 @62871 has 296 MA's), (7, 62802), (8, 62748), (9, 62712), (10, 62709), (11, 62706),

Gene: DirtJuice_86 Start: 63611, Stop: 63432, Start Num: 5
Candidate Starts for DirtJuice_86:
(Start: 5 @63611 has 296 MA's), (7, 63542), (8, 63488), (9, 63452), (10, 63449), (11, 63446),

Gene: Doddsville_83 Start: 63311, Stop: 63132, Start Num: 5
Candidate Starts for Doddsville_83:
(Start: 5 @63311 has 296 MA's), (7, 63242), (8, 63188), (9, 63152), (10, 63149), (11, 63146),

Gene: DoesntMatter_83 Start: 63147, Stop: 62968, Start Num: 5
Candidate Starts for DoesntMatter_83:
(Start: 5 @63147 has 296 MA's), (7, 63078), (8, 63024), (9, 62988), (10, 62985), (11, 62982),

Gene: DolOn_90 Start: 64597, Stop: 64418, Start Num: 5
Candidate Starts for DolOn_90:
(Start: 5 @64597 has 296 MA's), (7, 64528), (8, 64474), (9, 64438), (10, 64435), (11, 64432),

Gene: DonSanchon_82 Start: 62829, Stop: 62650, Start Num: 5
Candidate Starts for DonSanchon_82:
(Start: 5 @62829 has 296 MA's), (7, 62760), (8, 62706), (9, 62670), (10, 62667), (11, 62664),

Gene: DuchessDung_83 Start: 62827, Stop: 62648, Start Num: 5
Candidate Starts for DuchessDung_83:
(Start: 5 @62827 has 296 MA's), (7, 62758), (8, 62704), (9, 62668), (10, 62665), (11, 62662),

Gene: Duggie_86 Start: 63453, Stop: 63274, Start Num: 5
Candidate Starts for Duggie_86:
(Start: 5 @63453 has 296 MA's), (7, 63384), (8, 63330), (9, 63294), (10, 63291), (11, 63288),

Gene: Durga_88 Start: 63935, Stop: 63756, Start Num: 5
Candidate Starts for Durga_88:
(Start: 5 @63935 has 296 MA's), (7, 63866), (8, 63812), (9, 63776), (10, 63773), (11, 63770),

Gene: ElvisPhasley_87 Start: 64477, Stop: 64298, Start Num: 5
Candidate Starts for ElvisPhasley_87:
(Start: 5 @64477 has 296 MA's), (7, 64408), (8, 64354), (9, 64318), (10, 64315), (11, 64312),

Gene: EmGer13_86 Start: 63166, Stop: 62987, Start Num: 5
Candidate Starts for EmGer13_86:
(Start: 5 @63166 has 296 MA's), (7, 63097), (8, 63043), (9, 63007), (10, 63004), (11, 63001),

Gene: Emiris_88 Start: 63841, Stop: 63662, Start Num: 5
Candidate Starts for Emiris_88:
(Start: 5 @63841 has 296 MA's), (7, 63772), (8, 63718), (9, 63682), (10, 63679), (11, 63676),

Gene: EmpTee_85 Start: 63243, Stop: 63064, Start Num: 5
Candidate Starts for EmpTee_85:
(Start: 5 @63243 has 296 MA's), (7, 63174), (8, 63120), (9, 63084), (10, 63081), (11, 63078),

Gene: Eremos_84 Start: 63533, Stop: 63354, Start Num: 5
Candidate Starts for Eremos_84:
(Start: 5 @63533 has 296 MA's), (7, 63464), (8, 63410), (9, 63374), (10, 63371), (11, 63368),

Gene: Etaye_85 Start: 64019, Stop: 63840, Start Num: 5
Candidate Starts for Etaye_85:
(Start: 5 @64019 has 296 MA's), (7, 63950), (8, 63896), (9, 63860), (10, 63857), (11, 63854),

Gene: Eugenia_88 Start: 63954, Stop: 63775, Start Num: 5
Candidate Starts for Eugenia_88:
(2, 64005), (Start: 5 @63954 has 296 MA's), (7, 63885), (8, 63831), (9, 63795), (10, 63792), (11, 63789),

Gene: Fang_87 Start: 63662, Stop: 63483, Start Num: 5
Candidate Starts for Fang_87:
(2, 63713), (Start: 5 @63662 has 296 MA's), (7, 63593), (8, 63539), (9, 63503), (10, 63500), (11, 63497),

Gene: Flake_85 Start: 63433, Stop: 63254, Start Num: 5
Candidate Starts for Flake_85:
(Start: 5 @63433 has 296 MA's), (7, 63364), (8, 63310), (9, 63274), (10, 63271), (11, 63268),

Gene: FleetyMac_85 Start: 63343, Stop: 63164, Start Num: 5
Candidate Starts for FleetyMac_85:
(Start: 5 @63343 has 296 MA's), (7, 63274), (8, 63220), (9, 63184), (10, 63181), (11, 63178),

Gene: FluffyNinja_87 Start: 63532, Stop: 63353, Start Num: 5
Candidate Starts for FluffyNinja_87:
(2, 63583), (Start: 5 @63532 has 296 MA's), (7, 63463), (8, 63409), (9, 63373), (10, 63370), (11, 63367),

Gene: Fozzie_83 Start: 63858, Stop: 63679, Start Num: 5
Candidate Starts for Fozzie_83:
(2, 63909), (Start: 5 @63858 has 296 MA's), (7, 63789), (8, 63735), (9, 63699), (10, 63696), (11, 63693),

Gene: Frankicide_84 Start: 63357, Stop: 63178, Start Num: 5
Candidate Starts for Frankicide_84:
(Start: 5 @63357 has 296 MA's), (7, 63288), (8, 63234), (9, 63198), (10, 63195), (11, 63192),

Gene: FremontTroll_86 Start: 63770, Stop: 63591, Start Num: 5
Candidate Starts for FremontTroll_86:
(Start: 5 @63770 has 296 MA's), (7, 63701), (8, 63647), (9, 63611), (10, 63608), (11, 63605),

Gene: Freya_83 Start: 62849, Stop: 62670, Start Num: 5
Candidate Starts for Freya_83:
(Start: 5 @62849 has 296 MA's), (7, 62780), (8, 62726), (9, 62690), (10, 62687), (11, 62684),

Gene: FriarPreacher_83 Start: 63230, Stop: 63051, Start Num: 5
Candidate Starts for FriarPreacher_83:
(Start: 5 @63230 has 296 MA's), (7, 63161), (8, 63107), (9, 63071), (10, 63068), (11, 63065),

Gene: Fringe_90 Start: 64007, Stop: 63828, Start Num: 5
Candidate Starts for Fringe_90:
(Start: 5 @64007 has 296 MA's), (7, 63938), (8, 63884), (9, 63848), (10, 63845), (11, 63842),

Gene: FugateOSU_86 Start: 64291, Stop: 64112, Start Num: 5
Candidate Starts for FugateOSU_86:
(2, 64342), (Start: 5 @64291 has 296 MA's), (7, 64222), (8, 64168), (9, 64132), (10, 64129), (11, 64126),

Gene: Gareth_86 Start: 63679, Stop: 63500, Start Num: 5
Candidate Starts for Gareth_86:
(Start: 5 @63679 has 296 MA's), (7, 63610), (8, 63556), (9, 63520), (10, 63517), (11, 63514),

Gene: GeneCoco_86 Start: 63859, Stop: 63680, Start Num: 5
Candidate Starts for GeneCoco_86:
(Start: 5 @63859 has 296 MA's), (7, 63790), (8, 63736), (9, 63700), (10, 63697), (11, 63694),

Gene: Giraffe_86 Start: 63684, Stop: 63505, Start Num: 5
Candidate Starts for Giraffe_86:
(2, 63735), (Start: 5 @63684 has 296 MA's), (7, 63615), (8, 63561), (9, 63525), (10, 63522), (11, 63519),

Gene: Gophee_86 Start: 63670, Stop: 63491, Start Num: 5
Candidate Starts for Gophee_86:
(Start: 5 @63670 has 296 MA's), (7, 63601), (8, 63547), (9, 63511), (10, 63508), (11, 63505),

Gene: Grand2040_84 Start: 63648, Stop: 63469, Start Num: 5
Candidate Starts for Grand2040_84:
(Start: 5 @63648 has 296 MA's), (7, 63579), (8, 63525), (9, 63489), (10, 63486), (11, 63483),

Gene: GreenChile_85 Start: 63344, Stop: 63165, Start Num: 5
Candidate Starts for GreenChile_85:
(2, 63395), (Start: 5 @63344 has 296 MA's), (7, 63275), (8, 63221), (9, 63185), (10, 63182), (11, 63179),

Gene: Gwennie1_85 Start: 63494, Stop: 63315, Start Num: 5
Candidate Starts for Gwennie1_85:
(Start: 5 @63494 has 296 MA's), (7, 63425), (8, 63371), (9, 63335), (10, 63332), (11, 63329),

Gene: Gwilliam_86 Start: 64214, Stop: 64035, Start Num: 5
Candidate Starts for Gwilliam_86:
(Start: 5 @64214 has 296 MA's), (7, 64145), (8, 64091), (9, 64055), (10, 64052), (11, 64049),

Gene: Gyarad_0085 Start: 63168, Stop: 62989, Start Num: 5
Candidate Starts for Gyarad_0085:
(Start: 5 @63168 has 296 MA's), (7, 63099), (8, 63045), (9, 63009), (10, 63006), (11, 63003),

Gene: HSavage_84 Start: 63185, Stop: 63006, Start Num: 5
Candidate Starts for HSavage_84:
(Start: 5 @63185 has 296 MA's), (7, 63116), (8, 63062), (9, 63026), (10, 63023), (11, 63020),

Gene: Haimas_83 Start: 63110, Stop: 62931, Start Num: 5
Candidate Starts for Haimas_83:
(Start: 5 @63110 has 296 MA's), (7, 63041), (8, 62987), (9, 62951), (10, 62948), (11, 62945),

Gene: Haleema_85 Start: 63230, Stop: 63051, Start Num: 5
Candidate Starts for Haleema_85:
(2, 63281), (Start: 5 @63230 has 296 MA's), (7, 63161), (8, 63107), (9, 63071), (10, 63068), (11, 63065),

Gene: Hamish_83 Start: 63399, Stop: 63220, Start Num: 5
Candidate Starts for Hamish_83:

(2, 63450), (Start: 5 @63399 has 296 MA's), (7, 63330), (8, 63276), (9, 63240), (10, 63237), (11, 63234),

Gene: Happabalu_84 Start: 64325, Stop: 64146, Start Num: 5
Candidate Starts for Happabalu_84:
(2, 64376), (Start: 5 @64325 has 296 MA's), (7, 64256), (8, 64202), (9, 64166), (10, 64163), (11, 64160),

Gene: Hartsy_84 Start: 63347, Stop: 63168, Start Num: 5
Candidate Starts for Hartsy_84:
(Start: 5 @63347 has 296 MA's), (7, 63278), (8, 63224), (9, 63188), (10, 63185), (11, 63182),

Gene: Harvey_83 Start: 63007, Stop: 62828, Start Num: 5
Candidate Starts for Harvey_83:
(Start: 5 @63007 has 296 MA's), (7, 62938), (8, 62884), (9, 62848), (10, 62845), (11, 62842),

Gene: Hekos_84 Start: 63022, Stop: 62843, Start Num: 5
Candidate Starts for Hekos_84:
(Start: 5 @63022 has 296 MA's), (7, 62953), (8, 62899), (9, 62863), (10, 62860), (11, 62857),

Gene: Held_84 Start: 63128, Stop: 62949, Start Num: 5
Candidate Starts for Held_84:
(Start: 5 @63128 has 296 MA's), (7, 63059), (8, 63005), (9, 62969), (10, 62966), (11, 62963),

Gene: HenryJackson_86 Start: 63847, Stop: 63668, Start Num: 5
Candidate Starts for HenryJackson_86:
(Start: 5 @63847 has 296 MA's), (7, 63778), (8, 63724), (9, 63688), (10, 63685), (11, 63682),

Gene: Hertubise_85 Start: 63489, Stop: 63310, Start Num: 5
Candidate Starts for Hertubise_85:
(Start: 5 @63489 has 296 MA's), (7, 63420), (8, 63366), (9, 63330), (10, 63327), (11, 63324),

Gene: Hetaeria_86 Start: 63496, Stop: 63317, Start Num: 5
Candidate Starts for Hetaeria_86:
(Start: 5 @63496 has 296 MA's), (7, 63427), (8, 63373), (9, 63337), (10, 63334), (11, 63331),

Gene: HighStump_87 Start: 63634, Stop: 63455, Start Num: 5
Candidate Starts for HighStump_87:
(Start: 5 @63634 has 296 MA's), (7, 63565), (8, 63511), (9, 63475), (10, 63472), (11, 63469),

Gene: Hocus_84 Start: 63148, Stop: 62969, Start Num: 5
Candidate Starts for Hocus_84:
(Start: 5 @63148 has 296 MA's), (7, 63079), (8, 63025), (9, 62989), (10, 62986), (11, 62983),

Gene: HogWash_86 Start: 64161, Stop: 63982, Start Num: 5
Candidate Starts for HogWash_86:
(Start: 5 @64161 has 296 MA's), (7, 64092), (8, 64038), (9, 64002), (10, 63999), (11, 63996),

Gene: Horchata_82 Start: 63325, Stop: 63146, Start Num: 5
Candidate Starts for Horchata_82:
(Start: 5 @63325 has 296 MA's), (7, 63256), (8, 63202), (9, 63166), (10, 63163), (11, 63160),

Gene: ImtiyazSitla_87 Start: 63653, Stop: 63474, Start Num: 5

Candidate Starts for ImtiyazSitla_87:
(Start: 5 @63653 has 296 MA's), (7, 63584), (8, 63530), (9, 63494), (10, 63491), (11, 63488),

Gene: Inchworm_87 Start: 63521, Stop: 63342, Start Num: 5
Candidate Starts for Inchworm_87:
(Start: 5 @63521 has 296 MA's), (7, 63452), (8, 63398), (9, 63362), (10, 63359), (11, 63356),

Gene: Inverness_84 Start: 63322, Stop: 63143, Start Num: 5
Candidate Starts for Inverness_84:
(Start: 5 @63322 has 296 MA's), (7, 63253), (8, 63199), (9, 63163), (10, 63160), (11, 63157),

Gene: Iridessa_88 Start: 63246, Stop: 63067, Start Num: 5
Candidate Starts for Iridessa_88:
(Start: 5 @63246 has 296 MA's), (7, 63177), (8, 63123), (9, 63087), (10, 63084), (11, 63081),

Gene: Iridoclysis_85 Start: 63412, Stop: 63233, Start Num: 5
Candidate Starts for Iridoclysis_85:
(Start: 5 @63412 has 296 MA's), (7, 63343), (8, 63289), (9, 63253), (10, 63250), (11, 63247),

Gene: IsaacEli_88 Start: 63652, Stop: 63473, Start Num: 5
Candidate Starts for IsaacEli_88:
(Start: 5 @63652 has 296 MA's), (7, 63583), (8, 63529), (9, 63493), (10, 63490), (11, 63487),

Gene: JDog_85 Start: 63682, Stop: 63503, Start Num: 5
Candidate Starts for JDog_85:
(Start: 5 @63682 has 296 MA's), (7, 63613), (8, 63559), (9, 63523), (10, 63520), (11, 63517),

Gene: JacAttac_86 Start: 63126, Stop: 62947, Start Num: 5
Candidate Starts for JacAttac_86:
(Start: 5 @63126 has 296 MA's), (7, 63057), (8, 63003), (9, 62967), (10, 62964), (11, 62961),

Gene: JakeO_87 Start: 63410, Stop: 63231, Start Num: 5
Candidate Starts for JakeO_87:
(Start: 5 @63410 has 296 MA's), (7, 63341), (8, 63287), (9, 63251), (10, 63248), (11, 63245),

Gene: JangoPhett_84 Start: 63486, Stop: 63307, Start Num: 5
Candidate Starts for JangoPhett_84:
(Start: 5 @63486 has 296 MA's), (7, 63417), (8, 63363), (9, 63327), (10, 63324), (11, 63321),

Gene: Jbug01_84 Start: 63038, Stop: 62859, Start Num: 5
Candidate Starts for Jbug01_84:
(Start: 5 @63038 has 296 MA's), (7, 62969), (8, 62915), (9, 62879), (10, 62876), (11, 62873),

Gene: Jesabah_88 Start: 64249, Stop: 64070, Start Num: 5
Candidate Starts for Jesabah_88:
(2, 64300), (Start: 5 @64249 has 296 MA's), (7, 64180), (8, 64126), (9, 64090), (10, 64087), (11, 64084),

Gene: Jillium_87 Start: 63842, Stop: 63663, Start Num: 5
Candidate Starts for Jillium_87:
(Start: 5 @63842 has 296 MA's), (7, 63773), (8, 63719), (9, 63683), (10, 63680), (11, 63677),

Gene: Jiminy_86 Start: 63346, Stop: 63167, Start Num: 5

Candidate Starts for Jiminy_86:
(Start: 5 @63346 has 296 MA's), (7, 63277), (8, 63223), (9, 63187), (10, 63184), (11, 63181),

Gene: Jiraiya_87 Start: 63430, Stop: 63251, Start Num: 5
Candidate Starts for Jiraiya_87:
(Start: 5 @63430 has 296 MA's), (7, 63361), (8, 63307), (9, 63271), (10, 63268), (11, 63265),

Gene: KLucky39_84 Start: 63205, Stop: 63026, Start Num: 5
Candidate Starts for KLucky39_84:
(Start: 5 @63205 has 296 MA's), (7, 63136), (8, 63082), (9, 63046), (10, 63043), (11, 63040),

Gene: Kahve_86 Start: 63845, Stop: 63666, Start Num: 5
Candidate Starts for Kahve_86:
(Start: 5 @63845 has 296 MA's), (7, 63776), (8, 63722), (9, 63686), (10, 63683), (11, 63680),

Gene: Kailash_84 Start: 63545, Stop: 63366, Start Num: 5
Candidate Starts for Kailash_84:
(Start: 5 @63545 has 296 MA's), (7, 63476), (8, 63422), (9, 63386), (10, 63383), (11, 63380),

Gene: Karn_86 Start: 63401, Stop: 63222, Start Num: 5
Candidate Starts for Karn_86:
(Start: 5 @63401 has 296 MA's), (7, 63332), (8, 63278), (9, 63242), (10, 63239), (11, 63236),

Gene: Katniss_88 Start: 63261, Stop: 63082, Start Num: 5
Candidate Starts for Katniss_88:
(Start: 5 @63261 has 296 MA's), (7, 63192), (8, 63138), (9, 63102), (10, 63099), (11, 63096),

Gene: Keitherie_89 Start: 63903, Stop: 63724, Start Num: 5
Candidate Starts for Keitherie_89:
(Start: 5 @63903 has 296 MA's), (7, 63834), (8, 63780), (9, 63744), (10, 63741), (11, 63738),

Gene: Khan1_85 Start: 63624, Stop: 63445, Start Num: 5
Candidate Starts for Khan1_85:
(Start: 5 @63624 has 296 MA's), (7, 63555), (8, 63501), (9, 63465), (10, 63462), (11, 63459),

Gene: Kikipoo_88 Start: 63652, Stop: 63473, Start Num: 5
Candidate Starts for Kikipoo_88:
(Start: 5 @63652 has 296 MA's), (7, 63583), (8, 63529), (9, 63493), (10, 63490), (11, 63487),

Gene: Kimbrough_87 Start: 63724, Stop: 63545, Start Num: 5
Candidate Starts for Kimbrough_87:
(Start: 5 @63724 has 296 MA's), (7, 63655), (8, 63601), (9, 63565), (10, 63562), (11, 63559),

Gene: KingTut_77 Start: 59884, Stop: 59705, Start Num: 5
Candidate Starts for KingTut_77:
(Start: 5 @59884 has 296 MA's), (7, 59815), (8, 59761), (9, 59725), (10, 59722), (11, 59719),

Gene: KingVeVeVe_84 Start: 62859, Stop: 62680, Start Num: 5
Candidate Starts for KingVeVeVe_84:
(2, 62910), (Start: 5 @62859 has 296 MA's), (7, 62790), (8, 62736), (9, 62700), (10, 62697), (11, 62694),

Gene: Kiwot_86 Start: 63311, Stop: 63132, Start Num: 5

Candidate Starts for Kiwot_86:
(Start: 5 @63311 has 296 MA's), (7, 63242), (8, 63188), (9, 63152), (10, 63149), (11, 63146),

Gene: KlimbOn_85 Start: 63164, Stop: 62985, Start Num: 5
Candidate Starts for KlimbOn_85:
(Start: 5 @63164 has 296 MA's), (7, 63095), (8, 63041), (9, 63005), (10, 63002), (11, 62999),

Gene: Kloppinator_86 Start: 63295, Stop: 63116, Start Num: 5
Candidate Starts for Kloppinator_86:
(2, 63346), (Start: 5 @63295 has 296 MA's), (7, 63226), (8, 63172), (9, 63136), (10, 63133), (11, 63130),

Gene: Kwadwo_85 Start: 63150, Stop: 62971, Start Num: 5
Candidate Starts for Kwadwo_85:
(2, 63201), (Start: 5 @63150 has 296 MA's), (7, 63081), (8, 63027), (9, 62991), (10, 62988), (11, 62985),

Gene: Kwksand96_87 Start: 63416, Stop: 63237, Start Num: 5
Candidate Starts for Kwksand96_87:
(Start: 5 @63416 has 296 MA's), (7, 63347), (8, 63293), (9, 63257), (10, 63254), (11, 63251),

Gene: Labeouficaum_86 Start: 63229, Stop: 63050, Start Num: 5
Candidate Starts for Labeouficaum_86:
(Start: 5 @63229 has 296 MA's), (7, 63160), (8, 63106), (9, 63070), (10, 63067), (11, 63064),

Gene: Larson_88 Start: 63493, Stop: 63314, Start Num: 5
Candidate Starts for Larson_88:
(Start: 5 @63493 has 296 MA's), (7, 63424), (8, 63370), (9, 63334), (10, 63331), (11, 63328),

Gene: LasagnaCat_87 Start: 63531, Stop: 63352, Start Num: 5
Candidate Starts for LasagnaCat_87:
(Start: 5 @63531 has 296 MA's), (7, 63462), (8, 63408), (9, 63372), (10, 63369), (11, 63366),

Gene: Lasso_85 Start: 63391, Stop: 63212, Start Num: 5
Candidate Starts for Lasso_85:
(2, 63442), (Start: 5 @63391 has 296 MA's), (7, 63322), (8, 63268), (9, 63232), (10, 63229), (11, 63226),

Gene: LeeLot_84 Start: 63734, Stop: 63555, Start Num: 5
Candidate Starts for LeeLot_84:
(Start: 5 @63734 has 296 MA's), (7, 63665), (8, 63611), (9, 63575), (10, 63572), (11, 63569),

Gene: Lego3393_84 Start: 63852, Stop: 63673, Start Num: 5
Candidate Starts for Lego3393_84:
(2, 63903), (Start: 5 @63852 has 296 MA's), (7, 63783), (8, 63729), (9, 63693), (10, 63690), (11, 63687),

Gene: Legolas_87 Start: 63478, Stop: 63299, Start Num: 5
Candidate Starts for Legolas_87:
(Start: 5 @63478 has 296 MA's), (7, 63409), (8, 63355), (9, 63319), (10, 63316), (11, 63313),

Gene: Lehmann_88 Start: 63689, Stop: 63510, Start Num: 4
Candidate Starts for Lehmann_88:

(1, 63803), (Start: 3 @63722 has 1 MA's), (4, 63689), (7, 63620), (8, 63566), (9, 63530), (10, 63527), (11, 63524),

Gene: LeiMonet_89 Start: 63612, Stop: 63433, Start Num: 5
Candidate Starts for LeiMonet_89:
(Start: 5 @63612 has 296 MA's), (7, 63543), (8, 63489), (9, 63453), (10, 63450), (11, 63447),

Gene: LemonSlice_86 Start: 63137, Stop: 62958, Start Num: 5
Candidate Starts for LemonSlice_86:
(Start: 5 @63137 has 296 MA's), (7, 63068), (8, 63014), (9, 62978), (10, 62975), (11, 62972),

Gene: Longacauda_87 Start: 63631, Stop: 63452, Start Num: 5
Candidate Starts for Longacauda_87:
(Start: 5 @63631 has 296 MA's), (7, 63562), (8, 63508), (9, 63472), (10, 63469), (11, 63466),

Gene: Lopsy_82 Start: 62851, Stop: 62639, Start Num: 3
Candidate Starts for Lopsy_82:
(1, 62932), (Start: 3 @62851 has 1 MA's), (4, 62818), (7, 62749), (8, 62695), (9, 62659), (10, 62656), (11, 62653),

Gene: LostAndPhound_85 Start: 63680, Stop: 63501, Start Num: 5
Candidate Starts for LostAndPhound_85:
(2, 63731), (Start: 5 @63680 has 296 MA's), (7, 63611), (8, 63557), (9, 63521), (10, 63518), (11, 63515),

Gene: LuckyMarjie_83 Start: 62889, Stop: 62710, Start Num: 5
Candidate Starts for LuckyMarjie_83:
(Start: 5 @62889 has 296 MA's), (7, 62820), (8, 62766), (9, 62730), (10, 62727), (11, 62724),

Gene: Lulumae_82 Start: 62870, Stop: 62691, Start Num: 5
Candidate Starts for Lulumae_82:
(Start: 5 @62870 has 296 MA's), (7, 62801), (8, 62747), (9, 62711), (10, 62708), (11, 62705),

Gene: Lulwa_83 Start: 62503, Stop: 62324, Start Num: 5
Candidate Starts for Lulwa_83:
(Start: 5 @62503 has 296 MA's), (7, 62434), (8, 62380), (9, 62344), (10, 62341), (11, 62338),

Gene: Lumine_87 Start: 63328, Stop: 63149, Start Num: 5
Candidate Starts for Lumine_87:
(Start: 5 @63328 has 296 MA's), (7, 63259), (8, 63205), (9, 63169), (10, 63166), (11, 63163),

Gene: MRabcd_86 Start: 63605, Stop: 63426, Start Num: 5
Candidate Starts for MRabcd_86:
(Start: 5 @63605 has 296 MA's), (7, 63536), (8, 63482), (9, 63446), (10, 63443), (11, 63440),

Gene: Mag7_84 Start: 63089, Stop: 62910, Start Num: 5
Candidate Starts for Mag7_84:
(Start: 5 @63089 has 296 MA's), (7, 63020), (8, 62966), (9, 62930), (10, 62927), (11, 62924),

Gene: Magic8_85 Start: 63457, Stop: 63278, Start Num: 5
Candidate Starts for Magic8_85:
(Start: 5 @63457 has 296 MA's), (7, 63388), (8, 63334), (9, 63298), (10, 63295), (11, 63292),

Gene: Mana_84 Start: 63293, Stop: 63114, Start Num: 5
Candidate Starts for Mana_84:
(Start: 5 @63293 has 296 MA's), (7, 63224), (8, 63170), (9, 63134), (10, 63131), (11, 63128),

Gene: Manad_85 Start: 63403, Stop: 63224, Start Num: 5
Candidate Starts for Manad_85:
(Start: 5 @63403 has 296 MA's), (7, 63334), (8, 63280), (9, 63244), (10, 63241), (11, 63238),

Gene: Maru_86 Start: 63741, Stop: 63562, Start Num: 5
Candidate Starts for Maru_86:
(Start: 5 @63741 has 296 MA's), (7, 63672), (8, 63618), (9, 63582), (10, 63579), (11, 63576),

Gene: Maskar_87 Start: 63653, Stop: 63474, Start Num: 5
Candidate Starts for Maskar_87:
(Start: 5 @63653 has 296 MA's), (7, 63584), (8, 63530), (9, 63494), (10, 63491), (11, 63488),

Gene: Matalotodo_84 Start: 64137, Stop: 63958, Start Num: 5
Candidate Starts for Matalotodo_84:
(Start: 5 @64137 has 296 MA's), (7, 64068), (8, 64014), (9, 63978), (10, 63975), (11, 63972),

Gene: Mcshane_85 Start: 63151, Stop: 62972, Start Num: 5
Candidate Starts for Mcshane_85:
(Start: 5 @63151 has 296 MA's), (7, 63082), (8, 63028), (9, 62992), (10, 62989), (11, 62986),

Gene: Mecca_86 Start: 63705, Stop: 63526, Start Num: 5
Candidate Starts for Mecca_86:
(Start: 5 @63705 has 296 MA's), (7, 63636), (8, 63582), (9, 63546), (10, 63543), (11, 63540),

Gene: Megamind20_86 Start: 63115, Stop: 62936, Start Num: 5
Candidate Starts for Megamind20_86:
(Start: 5 @63115 has 296 MA's), (7, 63046), (8, 62992), (9, 62956), (10, 62953), (11, 62950),

Gene: Megatron_87 Start: 63823, Stop: 63644, Start Num: 5
Candidate Starts for Megatron_87:
(Start: 5 @63823 has 296 MA's), (7, 63754), (8, 63700), (9, 63664), (10, 63661), (11, 63658),

Gene: Melc17_83 Start: 63773, Stop: 63594, Start Num: 5
Candidate Starts for Melc17_83:
(Start: 5 @63773 has 296 MA's), (7, 63704), (8, 63650), (9, 63614), (10, 63611), (11, 63608),

Gene: MelsMeow_85 Start: 63413, Stop: 63234, Start Num: 5
Candidate Starts for MelsMeow_85:
(Start: 5 @63413 has 296 MA's), (7, 63344), (8, 63290), (9, 63254), (10, 63251), (11, 63248),

Gene: Mesh1_87 Start: 63869, Stop: 63690, Start Num: 5
Candidate Starts for Mesh1_87:
(Start: 5 @63869 has 296 MA's), (7, 63800), (8, 63746), (9, 63710), (10, 63707), (11, 63704),

Gene: Mesmerelda_85 Start: 63705, Stop: 63526, Start Num: 5
Candidate Starts for Mesmerelda_85:
(2, 63756), (Start: 5 @63705 has 296 MA's), (7, 63636), (8, 63582), (9, 63546), (10, 63543), (11, 63540),

Gene: MichaelPhcott_84 Start: 63086, Stop: 62907, Start Num: 5
Candidate Starts for MichaelPhcott_84:
(Start: 5 @63086 has 296 MA's), (7, 63017), (8, 62963), (9, 62927), (10, 62924), (11, 62921),

Gene: Mikota_82 Start: 62857, Stop: 62678, Start Num: 5
Candidate Starts for Mikota_82:
(Start: 5 @62857 has 296 MA's), (7, 62788), (8, 62734), (9, 62698), (10, 62695), (11, 62692),

Gene: MiniBoss_82 Start: 62458, Stop: 62279, Start Num: 5
Candidate Starts for MiniBoss_82:
(2, 62509), (Start: 5 @62458 has 296 MA's), (7, 62389), (8, 62335), (9, 62299), (10, 62296), (11, 62293),

Gene: MitKao_86 Start: 63307, Stop: 63128, Start Num: 5
Candidate Starts for MitKao_86:
(Start: 5 @63307 has 296 MA's), (7, 63238), (8, 63184), (9, 63148), (10, 63145), (11, 63142),

Gene: Morgushi_83 Start: 63121, Stop: 62942, Start Num: 5
Candidate Starts for Morgushi_83:
(Start: 5 @63121 has 296 MA's), (7, 63052), (8, 62998), (9, 62962), (10, 62959), (11, 62956),

Gene: Morty_87 Start: 63693, Stop: 63514, Start Num: 5
Candidate Starts for Morty_87:
(Start: 5 @63693 has 296 MA's), (7, 63624), (8, 63570), (9, 63534), (10, 63531), (11, 63528),

Gene: Mosaic_83 Start: 63303, Stop: 63124, Start Num: 5
Candidate Starts for Mosaic_83:
(Start: 5 @63303 has 296 MA's), (7, 63234), (8, 63180), (9, 63144), (10, 63141), (11, 63138),

Gene: MrPhizzler_89 Start: 63601, Stop: 63422, Start Num: 5
Candidate Starts for MrPhizzler_89:
(Start: 5 @63601 has 296 MA's), (7, 63532), (8, 63478), (9, 63442), (10, 63439), (11, 63436),

Gene: Mulan_85 Start: 63336, Stop: 63157, Start Num: 5
Candidate Starts for Mulan_85:
(2, 63387), (Start: 5 @63336 has 296 MA's), (7, 63267), (8, 63213), (9, 63177), (10, 63174), (11, 63171),

Gene: Murdoc_82 Start: 63414, Stop: 63235, Start Num: 5
Candidate Starts for Murdoc_82:
(Start: 5 @63414 has 296 MA's), (7, 63345), (8, 63291), (9, 63255), (10, 63252), (11, 63249),

Gene: Mutante_87 Start: 63308, Stop: 63129, Start Num: 5
Candidate Starts for Mutante_87:
(Start: 5 @63308 has 296 MA's), (7, 63239), (8, 63185), (9, 63149), (10, 63146), (11, 63143),

Gene: Nacho_0088 Start: 64379, Stop: 64200, Start Num: 5
Candidate Starts for Nacho_0088:
(Start: 5 @64379 has 296 MA's), (7, 64310), (8, 64256), (9, 64220), (10, 64217), (11, 64214),

Gene: Nathan_86 Start: 63834, Stop: 63655, Start Num: 5
Candidate Starts for Nathan_86:
(Start: 5 @63834 has 296 MA's), (7, 63765), (8, 63711), (9, 63675), (10, 63672), (11, 63669),

Gene: Nehme_82 Start: 63497, Stop: 63318, Start Num: 5
Candidate Starts for Nehme_82:
(Start: 5 @63497 has 296 MA's), (7, 63428), (8, 63374), (9, 63338), (10, 63335), (11, 63332),

Gene: Newman_83 Start: 63656, Stop: 63477, Start Num: 5
Candidate Starts for Newman_83:
(Start: 5 @63656 has 296 MA's), (7, 63587), (8, 63533), (9, 63497), (10, 63494), (11, 63491),

Gene: NiaNia_87 Start: 63181, Stop: 63002, Start Num: 5
Candidate Starts for NiaNia_87:
(2, 63232), (Start: 5 @63181 has 296 MA's), (7, 63112), (8, 63058), (9, 63022), (10, 63019), (11, 63016),

Gene: Nicole21_87 Start: 63442, Stop: 63263, Start Num: 5
Candidate Starts for Nicole21_87:
(2, 63493), (Start: 5 @63442 has 296 MA's), (7, 63373), (8, 63319), (9, 63283), (10, 63280), (11, 63277),

Gene: Nova1_85 Start: 63287, Stop: 63108, Start Num: 5
Candidate Starts for Nova1_85:
(Start: 5 @63287 has 296 MA's), (7, 63218), (8, 63164), (9, 63128), (10, 63125), (11, 63122),

Gene: Numberten_85 Start: 63423, Stop: 63244, Start Num: 5
Candidate Starts for Numberten_85:
(Start: 5 @63423 has 296 MA's), (7, 63354), (8, 63300), (9, 63264), (10, 63261), (11, 63258),

Gene: Nyala_85 Start: 63158, Stop: 62979, Start Num: 5
Candidate Starts for Nyala_85:
(2, 63209), (Start: 5 @63158 has 296 MA's), (7, 63089), (8, 63035), (9, 62999), (10, 62996), (11, 62993),

Gene: OSmaximus_87 Start: 63989, Stop: 63810, Start Num: 5
Candidate Starts for OSmaximus_87:
(2, 64040), (Start: 5 @63989 has 296 MA's), (7, 63920), (8, 63866), (9, 63830), (10, 63827), (11, 63824),

Gene: Olak_85 Start: 63322, Stop: 63143, Start Num: 5
Candidate Starts for Olak_85:
(2, 63373), (Start: 5 @63322 has 296 MA's), (7, 63253), (8, 63199), (9, 63163), (10, 63160), (11, 63157),

Gene: Oline_85 Start: 63312, Stop: 63133, Start Num: 5
Candidate Starts for Oline_85:
(Start: 5 @63312 has 296 MA's), (7, 63243), (8, 63189), (9, 63153), (10, 63150), (11, 63147),

Gene: Olive_83 Start: 63553, Stop: 63374, Start Num: 5
Candidate Starts for Olive_83:
(Start: 5 @63553 has 296 MA's), (7, 63484), (8, 63430), (9, 63394), (10, 63391), (11, 63388),

Gene: OliverWalter_86 Start: 63609, Stop: 63430, Start Num: 5
Candidate Starts for OliverWalter_86:

(2, 63660), (Start: 5 @63609 has 296 MA's), (7, 63540), (8, 63486), (9, 63450), (10, 63447), (11, 63444),

Gene: Omniscient_87 Start: 64012, Stop: 63833, Start Num: 5
Candidate Starts for Omniscient_87:
(2, 64063), (Start: 5 @64012 has 296 MA's), (7, 63943), (8, 63889), (9, 63853), (10, 63850), (11, 63847),

Gene: OneBrain_88 Start: 63572, Stop: 63393, Start Num: 5
Candidate Starts for OneBrain_88:
(Start: 5 @63572 has 296 MA's), (7, 63503), (8, 63449), (9, 63413), (10, 63410), (11, 63407),

Gene: Oosterbaan_86 Start: 63549, Stop: 63370, Start Num: 5
Candidate Starts for Oosterbaan_86:
(2, 63600), (Start: 5 @63549 has 296 MA's), (6, 63507), (7, 63480), (8, 63426), (9, 63390), (10, 63387), (11, 63384),

Gene: Orfeu_85 Start: 63671, Stop: 63492, Start Num: 5
Candidate Starts for Orfeu_85:
(Start: 5 @63671 has 296 MA's), (7, 63602), (8, 63548), (9, 63512), (10, 63509), (11, 63506),

Gene: Orion_84 Start: 63241, Stop: 63062, Start Num: 5
Candidate Starts for Orion_84:
(Start: 5 @63241 has 296 MA's), (7, 63172), (8, 63118), (9, 63082), (10, 63079), (11, 63076),

Gene: Orwigg_85 Start: 63077, Stop: 62898, Start Num: 5
Candidate Starts for Orwigg_85:
(Start: 5 @63077 has 296 MA's), (7, 63008), (8, 62954), (9, 62918), (10, 62915), (11, 62912),

Gene: PG1_84 Start: 63813, Stop: 63634, Start Num: 5
Candidate Starts for PG1_84:
(Start: 5 @63813 has 296 MA's), (7, 63744), (8, 63690), (9, 63654), (10, 63651), (11, 63648),

Gene: Pacifista_85 Start: 63162, Stop: 62983, Start Num: 5
Candidate Starts for Pacifista_85:
(Start: 5 @63162 has 296 MA's), (7, 63093), (8, 63039), (9, 63003), (10, 63000), (11, 62997),

Gene: PallasAthena_87 Start: 63143, Stop: 62964, Start Num: 5
Candidate Starts for PallasAthena_87:
(Start: 5 @63143 has 296 MA's), (7, 63074), (8, 63020), (9, 62984), (10, 62981), (11, 62978),

Gene: Phamished_86 Start: 63329, Stop: 63150, Start Num: 5
Candidate Starts for Phamished_86:
(Start: 5 @63329 has 296 MA's), (7, 63260), (8, 63206), (9, 63170), (10, 63167), (11, 63164),

Gene: Phareon_84 Start: 62854, Stop: 62675, Start Num: 5
Candidate Starts for Phareon_84:
(Start: 5 @62854 has 296 MA's), (7, 62785), (8, 62731), (9, 62695), (10, 62692), (11, 62689),

Gene: PhatCats2014_85 Start: 63813, Stop: 63634, Start Num: 5
Candidate Starts for PhatCats2014_85:
(Start: 5 @63813 has 296 MA's), (7, 63744), (8, 63690), (9, 63654), (10, 63651), (11, 63648),

Gene: PhatLouie_88 Start: 63688, Stop: 63509, Start Num: 5
Candidate Starts for PhatLouie_88:
(2, 63739), (Start: 5 @63688 has 296 MA's), (7, 63619), (8, 63565), (9, 63529), (10, 63526), (11, 63523),

Gene: PhenghisKhan_86 Start: 63318, Stop: 63139, Start Num: 5
Candidate Starts for PhenghisKhan_86:
(Start: 5 @63318 has 296 MA's), (7, 63249), (8, 63195), (9, 63159), (10, 63156), (11, 63153),

Gene: Pherdinand_87 Start: 63534, Stop: 63355, Start Num: 5
Candidate Starts for Pherdinand_87:
(2, 63585), (Start: 5 @63534 has 296 MA's), (7, 63465), (8, 63411), (9, 63375), (10, 63372), (11, 63369),

Gene: Phergie_86 Start: 63307, Stop: 63128, Start Num: 5
Candidate Starts for Phergie_86:
(Start: 5 @63307 has 296 MA's), (7, 63238), (8, 63184), (9, 63148), (10, 63145), (11, 63142),

Gene: Phipps_84 Start: 63385, Stop: 63206, Start Num: 5
Candidate Starts for Phipps_84:
(Start: 5 @63385 has 296 MA's), (7, 63316), (8, 63262), (9, 63226), (10, 63223), (11, 63220),

Gene: Phleuron_83 Start: 63119, Stop: 62940, Start Num: 5
Candidate Starts for Phleuron_83:
(Start: 5 @63119 has 296 MA's), (7, 63050), (8, 62996), (9, 62960), (10, 62957), (11, 62954),

Gene: PhrankReynolds_84 Start: 63312, Stop: 63133, Start Num: 5
Candidate Starts for PhrankReynolds_84:
(Start: 5 @63312 has 296 MA's), (7, 63243), (8, 63189), (9, 63153), (10, 63150), (11, 63147),

Gene: PhrodoBaggins_88 Start: 63688, Stop: 63509, Start Num: 5
Candidate Starts for PhrodoBaggins_88:
(Start: 5 @63688 has 296 MA's), (7, 63619), (8, 63565), (9, 63529), (10, 63526), (11, 63523),

Gene: Phunky_84 Start: 63192, Stop: 63013, Start Num: 5
Candidate Starts for Phunky_84:
(2, 63243), (Start: 5 @63192 has 296 MA's), (7, 63123), (8, 63069), (9, 63033), (10, 63030), (11, 63027),

Gene: Piglet_0086 Start: 63807, Stop: 63628, Start Num: 5
Candidate Starts for Piglet_0086:
(Start: 5 @63807 has 296 MA's), (7, 63738), (8, 63684), (9, 63648), (10, 63645), (11, 63642),

Gene: PinheadLarry_85 Start: 63458, Stop: 63279, Start Num: 5
Candidate Starts for PinheadLarry_85:
(Start: 5 @63458 has 296 MA's), (7, 63389), (8, 63335), (9, 63299), (10, 63296), (11, 63293),

Gene: Pinkman_85 Start: 63531, Stop: 63352, Start Num: 5
Candidate Starts for Pinkman_85:
(Start: 5 @63531 has 296 MA's), (7, 63462), (8, 63408), (9, 63372), (10, 63369), (11, 63366),

Gene: Pipsqueak_83 Start: 63144, Stop: 62965, Start Num: 5
Candidate Starts for Pipsqueak_83:

(Start: 5 @63144 has 296 MA's), (7, 63075), (8, 63021), (9, 62985), (10, 62982), (11, 62979),

Gene: Placalicious_84 Start: 64177, Stop: 63998, Start Num: 5
Candidate Starts for Placalicious_84:
(Start: 5 @64177 has 296 MA's), (7, 64108), (8, 64054), (9, 64018), (10, 64015), (11, 64012),

Gene: Plata_85 Start: 63399, Stop: 63220, Start Num: 5
Candidate Starts for Plata_85:
(Start: 5 @63399 has 296 MA's), (7, 63330), (8, 63276), (9, 63240), (10, 63237), (11, 63234),

Gene: Plmatters_84 Start: 63132, Stop: 62953, Start Num: 5
Candidate Starts for Plmatters_84:
(Start: 5 @63132 has 296 MA's), (7, 63063), (8, 63009), (9, 62973), (10, 62970), (11, 62967),

Gene: Podrick_85 Start: 63220, Stop: 63041, Start Num: 5
Candidate Starts for Podrick_85:
(Start: 5 @63220 has 296 MA's), (7, 63151), (8, 63097), (9, 63061), (10, 63058), (11, 63055),

Gene: Pops_83 Start: 63322, Stop: 63143, Start Num: 5
Candidate Starts for Pops_83:
(Start: 5 @63322 has 296 MA's), (7, 63253), (8, 63199), (9, 63163), (10, 63160), (11, 63157),

Gene: Potter_81 Start: 63141, Stop: 62962, Start Num: 5
Candidate Starts for Potter_81:
(Start: 5 @63141 has 296 MA's), (7, 63072), (8, 63018), (9, 62982), (10, 62979), (11, 62976),

Gene: Prickles_87 Start: 63511, Stop: 63332, Start Num: 5
Candidate Starts for Prickles_87:
(2, 63562), (Start: 5 @63511 has 296 MA's), (7, 63442), (8, 63388), (9, 63352), (10, 63349), (11, 63346),

Gene: ProfessorX_84 Start: 63178, Stop: 62999, Start Num: 5
Candidate Starts for ProfessorX_84:
(Start: 5 @63178 has 296 MA's), (7, 63109), (8, 63055), (9, 63019), (10, 63016), (11, 63013),

Gene: Puhltonio_82 Start: 63415, Stop: 63236, Start Num: 5
Candidate Starts for Puhltonio_82:
(Start: 5 @63415 has 296 MA's), (7, 63346), (8, 63292), (9, 63256), (10, 63253), (11, 63250),

Gene: QueenBeane_86 Start: 63465, Stop: 63286, Start Num: 5
Candidate Starts for QueenBeane_86:
(2, 63516), (Start: 5 @63465 has 296 MA's), (7, 63396), (8, 63342), (9, 63306), (10, 63303), (11, 63300),

Gene: Quisquiliae_88 Start: 63475, Stop: 63296, Start Num: 5
Candidate Starts for Quisquiliae_88:
(Start: 5 @63475 has 296 MA's), (7, 63406), (8, 63352), (9, 63316), (10, 63313), (11, 63310),

Gene: RedMaple_85 Start: 64078, Stop: 63899, Start Num: 5
Candidate Starts for RedMaple_85:
(Start: 5 @64078 has 296 MA's), (7, 64009), (8, 63955), (9, 63919), (10, 63916), (11, 63913),

Gene: RedRaider89_85 Start: 63764, Stop: 63585, Start Num: 5

Candidate Starts for RedRaider89_85:
(Start: 5 @63764 has 296 MA's), (7, 63695), (8, 63641), (9, 63605), (10, 63602), (11, 63599),

Gene: Ricotta_86 Start: 63160, Stop: 62981, Start Num: 5
Candidate Starts for Ricotta_86:
(Start: 5 @63160 has 296 MA's), (7, 63091), (8, 63037), (9, 63001), (10, 62998), (11, 62995),

Gene: Riggan_87 Start: 63646, Stop: 63467, Start Num: 5
Candidate Starts for Riggan_87:
(2, 63697), (Start: 5 @63646 has 296 MA's), (7, 63577), (8, 63523), (9, 63487), (10, 63484), (11, 63481),

Gene: Rimu_85 Start: 63624, Stop: 63445, Start Num: 5
Candidate Starts for Rimu_85:
(Start: 5 @63624 has 296 MA's), (7, 63555), (8, 63501), (9, 63465), (10, 63462), (11, 63459),

Gene: Riverton_85 Start: 63404, Stop: 63225, Start Num: 5
Candidate Starts for Riverton_85:
(Start: 5 @63404 has 296 MA's), (7, 63335), (8, 63281), (9, 63245), (10, 63242), (11, 63239),

Gene: Robyn_88 Start: 63903, Stop: 63724, Start Num: 5
Candidate Starts for Robyn_88:
(Start: 5 @63903 has 296 MA's), (7, 63834), (8, 63780), (9, 63744), (10, 63741), (11, 63738),

Gene: Roliet_83 Start: 62505, Stop: 62326, Start Num: 5
Candidate Starts for Roliet_83:
(Start: 5 @62505 has 296 MA's), (7, 62436), (8, 62382), (9, 62346), (10, 62343), (11, 62340),

Gene: Roscoe_86 Start: 63765, Stop: 63586, Start Num: 5
Candidate Starts for Roscoe_86:
(Start: 5 @63765 has 296 MA's), (7, 63696), (8, 63642), (9, 63606), (10, 63603), (11, 63600),

Gene: Roy17_83 Start: 62870, Stop: 62691, Start Num: 5
Candidate Starts for Roy17_83:
(Start: 5 @62870 has 296 MA's), (7, 62801), (8, 62747), (9, 62711), (10, 62708), (11, 62705),

Gene: SDcharge11_85 Start: 62798, Stop: 62619, Start Num: 5
Candidate Starts for SDcharge11_85:
(Start: 5 @62798 has 296 MA's), (7, 62729), (8, 62675), (9, 62639), (10, 62636), (11, 62633),

Gene: Salazzle_84 Start: 63324, Stop: 63145, Start Num: 5
Candidate Starts for Salazzle_84:
(Start: 5 @63324 has 296 MA's), (7, 63255), (8, 63201), (9, 63165), (10, 63162), (11, 63159),

Gene: SallyH_89 Start: 63405, Stop: 63226, Start Num: 5
Candidate Starts for SallyH_89:
(2, 63456), (Start: 5 @63405 has 296 MA's), (7, 63336), (8, 63282), (9, 63246), (10, 63243), (11, 63240),

Gene: Samaymay_86 Start: 63465, Stop: 63286, Start Num: 5
Candidate Starts for Samaymay_86:
(2, 63516), (Start: 5 @63465 has 296 MA's), (7, 63396), (8, 63342), (9, 63306), (10, 63303), (11, 63300),

Gene: SassyCat97_84 Start: 63132, Stop: 62953, Start Num: 5
Candidate Starts for SassyCat97_84:
(Start: 5 @63132 has 296 MA's), (7, 63063), (8, 63009), (9, 62973), (10, 62970), (11, 62967),

Gene: Schadenfreude_86 Start: 63023, Stop: 62844, Start Num: 5
Candidate Starts for Schadenfreude_86:
(Start: 5 @63023 has 296 MA's), (7, 62954), (8, 62900), (9, 62864), (10, 62861), (11, 62858),

Gene: Schueller_84 Start: 63406, Stop: 63227, Start Num: 5
Candidate Starts for Schueller_84:
(Start: 5 @63406 has 296 MA's), (7, 63337), (8, 63283), (9, 63247), (10, 63244), (11, 63241),

Gene: Scoot17C_86 Start: 63245, Stop: 63066, Start Num: 5
Candidate Starts for Scoot17C_86:
(Start: 5 @63245 has 296 MA's), (7, 63176), (8, 63122), (9, 63086), (10, 63083), (11, 63080),

Gene: Scrick_85 Start: 63146, Stop: 62967, Start Num: 5
Candidate Starts for Scrick_85:
(Start: 5 @63146 has 296 MA's), (7, 63077), (8, 63023), (9, 62987), (10, 62984), (11, 62981),

Gene: Selr12_87 Start: 63188, Stop: 63009, Start Num: 5
Candidate Starts for Selr12_87:
(2, 63239), (Start: 5 @63188 has 296 MA's), (7, 63119), (8, 63065), (9, 63029), (10, 63026), (11, 63023),

Gene: Septica_87 Start: 63612, Stop: 63433, Start Num: 5
Candidate Starts for Septica_87:
(Start: 5 @63612 has 296 MA's), (7, 63543), (8, 63489), (9, 63453), (10, 63450), (11, 63447),

Gene: Serendipity_85 Start: 63618, Stop: 63439, Start Num: 5
Candidate Starts for Serendipity_85:
(Start: 5 @63618 has 296 MA's), (7, 63549), (8, 63495), (9, 63459), (10, 63456), (11, 63453),

Gene: Serpentine_0087 Start: 63699, Stop: 63520, Start Num: 5
Candidate Starts for Serpentine_0087:
(Start: 5 @63699 has 296 MA's), (7, 63630), (8, 63576), (9, 63540), (10, 63537), (11, 63534),

Gene: ShadowBud_86 Start: 63472, Stop: 63293, Start Num: 5
Candidate Starts for ShadowBud_86:
(Start: 5 @63472 has 296 MA's), (7, 63403), (8, 63349), (9, 63313), (10, 63310), (11, 63307),

Gene: Sheila_81 Start: 62711, Stop: 62532, Start Num: 5
Candidate Starts for Sheila_81:
(Start: 5 @62711 has 296 MA's), (7, 62642), (8, 62588), (9, 62552), (10, 62549), (11, 62546),

Gene: ShiVal_84 Start: 63170, Stop: 62991, Start Num: 5
Candidate Starts for ShiVal_84:
(2, 63221), (Start: 5 @63170 has 296 MA's), (7, 63101), (8, 63047), (9, 63011), (10, 63008), (11, 63005),

Gene: Sigman_85 Start: 63126, Stop: 62947, Start Num: 5
Candidate Starts for Sigman_85:

(Start: 5 @63126 has 296 MA's), (7, 63057), (8, 63003), (9, 62967), (10, 62964), (11, 62961),

Gene: SilverBell_87 Start: 63580, Stop: 63401, Start Num: 5
Candidate Starts for SilverBell_87:
(2, 63631), (Start: 5 @63580 has 296 MA's), (7, 63511), (8, 63457), (9, 63421), (10, 63418), (11, 63415),

Gene: Simielle_85 Start: 63112, Stop: 62933, Start Num: 5
Candidate Starts for Simielle_85:
(2, 63163), (Start: 5 @63112 has 296 MA's), (7, 63043), (8, 62989), (9, 62953), (10, 62950), (11, 62947),

Gene: SirBeauregard_87 Start: 63692, Stop: 63513, Start Num: 5
Candidate Starts for SirBeauregard_87:
(Start: 5 @63692 has 296 MA's), (7, 63623), (8, 63569), (9, 63533), (10, 63530), (11, 63527),

Gene: Skippy_86 Start: 63540, Stop: 63361, Start Num: 5
Candidate Starts for Skippy_86:
(Start: 5 @63540 has 296 MA's), (7, 63471), (8, 63417), (9, 63381), (10, 63378), (11, 63375),

Gene: Slatt_86 Start: 63427, Stop: 63248, Start Num: 5
Candidate Starts for Slatt_86:
(Start: 5 @63427 has 296 MA's), (7, 63358), (8, 63304), (9, 63268), (10, 63265), (11, 63262),

Gene: Soile_87 Start: 63665, Stop: 63486, Start Num: 5
Candidate Starts for Soile_87:
(Start: 5 @63665 has 296 MA's), (7, 63596), (8, 63542), (9, 63506), (10, 63503), (11, 63500),

Gene: Solosis_84 Start: 63133, Stop: 62954, Start Num: 5
Candidate Starts for Solosis_84:
(Start: 5 @63133 has 296 MA's), (7, 63064), (8, 63010), (9, 62974), (10, 62971), (11, 62968),

Gene: Sophia_84 Start: 63122, Stop: 62943, Start Num: 5
Candidate Starts for Sophia_84:
(2, 63173), (Start: 5 @63122 has 296 MA's), (7, 63053), (8, 62999), (9, 62963), (10, 62960), (11, 62957),

Gene: Soto_83 Start: 62838, Stop: 62659, Start Num: 5
Candidate Starts for Soto_83:
(Start: 5 @62838 has 296 MA's), (7, 62769), (8, 62715), (9, 62679), (10, 62676), (11, 62673),

Gene: Spartan300_85 Start: 63383, Stop: 63204, Start Num: 5
Candidate Starts for Spartan300_85:
(Start: 5 @63383 has 296 MA's), (7, 63314), (8, 63260), (9, 63224), (10, 63221), (11, 63218),

Gene: Squid_85 Start: 63412, Stop: 63233, Start Num: 5
Candidate Starts for Squid_85:
(Start: 5 @63412 has 296 MA's), (7, 63343), (8, 63289), (9, 63253), (10, 63250), (11, 63247),

Gene: Squiggle_85 Start: 63140, Stop: 62961, Start Num: 5
Candidate Starts for Squiggle_85:
(Start: 5 @63140 has 296 MA's), (7, 63071), (8, 63017), (9, 62981), (10, 62978), (11, 62975),

Gene: Struggle_86 Start: 63238, Stop: 63059, Start Num: 5
Candidate Starts for Struggle_86:
(Start: 5 @63238 has 296 MA's), (7, 63169), (8, 63115), (9, 63079), (10, 63076), (11, 63073),

Gene: Suffolk_82 Start: 63134, Stop: 62955, Start Num: 5
Candidate Starts for Suffolk_82:
(Start: 5 @63134 has 296 MA's), (7, 63065), (8, 63011), (9, 62975), (10, 62972), (11, 62969),

Gene: Surely_86 Start: 63703, Stop: 63524, Start Num: 5
Candidate Starts for Surely_86:
(Start: 5 @63703 has 296 MA's), (7, 63634), (8, 63580), (9, 63544), (10, 63541), (11, 63538),

Gene: Swiphy_88 Start: 63688, Stop: 63509, Start Num: 5
Candidate Starts for Swiphy_88:
(2, 63739), (Start: 5 @63688 has 296 MA's), (7, 63619), (8, 63565), (9, 63529), (10, 63526), (11, 63523),

Gene: Swish_87 Start: 63549, Stop: 63370, Start Num: 5
Candidate Starts for Swish_87:
(Start: 5 @63549 has 296 MA's), (7, 63480), (8, 63426), (9, 63390), (10, 63387), (11, 63384),

Gene: TallGrassMM_85 Start: 63198, Stop: 63019, Start Num: 5
Candidate Starts for TallGrassMM_85:
(Start: 5 @63198 has 296 MA's), (7, 63129), (8, 63075), (9, 63039), (10, 63036), (11, 63033),

Gene: Taraxa_86 Start: 63029, Stop: 62850, Start Num: 5
Candidate Starts for Taraxa_86:
(Start: 5 @63029 has 296 MA's), (7, 62960), (8, 62906), (9, 62870), (10, 62867), (11, 62864),

Gene: Telesworld_84 Start: 63276, Stop: 63097, Start Num: 5
Candidate Starts for Telesworld_84:
(2, 63327), (Start: 5 @63276 has 296 MA's), (7, 63207), (8, 63153), (9, 63117), (10, 63114), (11, 63111),

Gene: Thora_84 Start: 63653, Stop: 63474, Start Num: 5
Candidate Starts for Thora_84:
(2, 63704), (Start: 5 @63653 has 296 MA's), (6, 63611), (7, 63584), (8, 63530), (9, 63494), (10, 63491), (11, 63488),

Gene: ThreeOh3D2_87 Start: 63806, Stop: 63627, Start Num: 5
Candidate Starts for ThreeOh3D2_87:
(Start: 5 @63806 has 296 MA's), (7, 63737), (8, 63683), (9, 63647), (10, 63644), (11, 63641),

Gene: Thunderbird_86 Start: 63395, Stop: 63216, Start Num: 5
Candidate Starts for Thunderbird_86:
(Start: 5 @63395 has 296 MA's), (7, 63326), (8, 63272), (9, 63236), (10, 63233), (11, 63230),

Gene: Timmi_85 Start: 63169, Stop: 62990, Start Num: 5
Candidate Starts for Timmi_85:
(Start: 5 @63169 has 296 MA's), (7, 63100), (8, 63046), (9, 63010), (10, 63007), (11, 63004),

Gene: TomBombadil_86 Start: 63696, Stop: 63517, Start Num: 5
Candidate Starts for TomBombadil_86:

(Start: 5 @63696 has 296 MA's), (7, 63627), (8, 63573), (9, 63537), (10, 63534), (11, 63531),

Gene: Tomlarah_87 Start: 64003, Stop: 63824, Start Num: 5
Candidate Starts for Tomlarah_87:
(2, 64054), (Start: 5 @64003 has 296 MA's), (7, 63934), (8, 63880), (9, 63844), (10, 63841), (11, 63838),

Gene: Toni_85 Start: 63599, Stop: 63420, Start Num: 5
Candidate Starts for Toni_85:
(2, 63650), (Start: 5 @63599 has 296 MA's), (7, 63530), (8, 63476), (9, 63440), (10, 63437), (11, 63434),

Gene: TooFast2Furius_85 Start: 63560, Stop: 63381, Start Num: 5
Candidate Starts for TooFast2Furius_85:
(Start: 5 @63560 has 296 MA's), (7, 63491), (8, 63437), (9, 63401), (10, 63398), (11, 63395),

Gene: Tooj_83 Start: 62812, Stop: 62633, Start Num: 5
Candidate Starts for Tooj_83:
(Start: 5 @62812 has 296 MA's), (7, 62743), (8, 62689), (9, 62653), (10, 62650), (11, 62647),

Gene: Triad_87 Start: 63027, Stop: 62815, Start Num: 3
Candidate Starts for Triad_87:
(1, 63108), (Start: 3 @63027 has 1 MA's), (4, 62994), (7, 62925), (8, 62871), (9, 62835), (10, 62832), (11, 62829),

Gene: True_84 Start: 63145, Stop: 62966, Start Num: 5
Candidate Starts for True_84:
(Start: 5 @63145 has 296 MA's), (7, 63076), (8, 63022), (9, 62986), (10, 62983), (11, 62980),

Gene: Trypo_86 Start: 63867, Stop: 63688, Start Num: 5
Candidate Starts for Trypo_86:
(Start: 5 @63867 has 296 MA's), (7, 63798), (8, 63744), (9, 63708), (10, 63705), (11, 63702),

Gene: TyrionL_86 Start: 63229, Stop: 63050, Start Num: 5
Candidate Starts for TyrionL_86:
(Start: 5 @63229 has 296 MA's), (7, 63160), (8, 63106), (9, 63070), (10, 63067), (11, 63064),

Gene: UAch1_87 Start: 63496, Stop: 63317, Start Num: 5
Candidate Starts for UAch1_87:
(Start: 5 @63496 has 296 MA's), (7, 63427), (8, 63373), (9, 63337), (10, 63334), (11, 63331),

Gene: UncleHowie_82 Start: 62833, Stop: 62654, Start Num: 5
Candidate Starts for UncleHowie_82:
(Start: 5 @62833 has 296 MA's), (7, 62764), (8, 62710), (9, 62674), (10, 62671), (11, 62668),

Gene: Usavi_87 Start: 63993, Stop: 63814, Start Num: 5
Candidate Starts for Usavi_87:
(Start: 5 @63993 has 296 MA's), (7, 63924), (8, 63870), (9, 63834), (10, 63831), (11, 63828),

Gene: Vaishali24_87 Start: 63602, Stop: 63423, Start Num: 5
Candidate Starts for Vaishali24_87:
(Start: 5 @63602 has 296 MA's), (7, 63533), (8, 63479), (9, 63443), (10, 63440), (11, 63437),

Gene: Valjean_85 Start: 63387, Stop: 63208, Start Num: 5
Candidate Starts for Valjean_85:
(Start: 5 @63387 has 296 MA's), (7, 63318), (8, 63264), (9, 63228), (10, 63225), (11, 63222),

Gene: Vaticameos_83 Start: 61702, Stop: 61523, Start Num: 5
Candidate Starts for Vaticameos_83:
(Start: 5 @61702 has 296 MA's), (7, 61633), (8, 61579), (9, 61543), (10, 61540), (11, 61537),

Gene: Vectra_85 Start: 63286, Stop: 63107, Start Num: 5
Candidate Starts for Vectra_85:
(Start: 5 @63286 has 296 MA's), (7, 63217), (8, 63163), (9, 63127), (10, 63124), (11, 63121),

Gene: Veritas_85 Start: 63310, Stop: 63131, Start Num: 5
Candidate Starts for Veritas_85:
(Start: 5 @63310 has 296 MA's), (7, 63241), (8, 63187), (9, 63151), (10, 63148), (11, 63145),

Gene: Virapocalypse_87 Start: 63495, Stop: 63316, Start Num: 5
Candidate Starts for Virapocalypse_87:
(Start: 5 @63495 has 296 MA's), (7, 63426), (8, 63372), (9, 63336), (10, 63333), (11, 63330),

Gene: Virgeve_84 Start: 63115, Stop: 62936, Start Num: 5
Candidate Starts for Virgeve_84:
(2, 63166), (Start: 5 @63115 has 296 MA's), (7, 63046), (8, 62992), (9, 62956), (10, 62953), (11, 62950),

Gene: Vista_85 Start: 63309, Stop: 63130, Start Num: 5
Candidate Starts for Vista_85:
(2, 63360), (Start: 5 @63309 has 296 MA's), (7, 63240), (8, 63186), (9, 63150), (10, 63147), (11, 63144),

Gene: Vivaldi_86 Start: 63574, Stop: 63395, Start Num: 5
Candidate Starts for Vivaldi_86:
(Start: 5 @63574 has 296 MA's), (7, 63505), (8, 63451), (9, 63415), (10, 63412), (11, 63409),

Gene: Vortex_84 Start: 63415, Stop: 63236, Start Num: 5
Candidate Starts for Vortex_84:
(Start: 5 @63415 has 296 MA's), (7, 63346), (8, 63292), (9, 63256), (10, 63253), (11, 63250),

Gene: Wallhey_87 Start: 63416, Stop: 63237, Start Num: 5
Candidate Starts for Wallhey_87:
(Start: 5 @63416 has 296 MA's), (7, 63347), (8, 63293), (9, 63257), (10, 63254), (11, 63251),

Gene: Waterdiva_87 Start: 63683, Stop: 63504, Start Num: 5
Candidate Starts for Waterdiva_87:
(2, 63734), (Start: 5 @63683 has 296 MA's), (7, 63614), (8, 63560), (9, 63524), (10, 63521), (11, 63518),

Gene: Weher20_83 Start: 63753, Stop: 63574, Start Num: 5
Candidate Starts for Weher20_83:
(Start: 5 @63753 has 296 MA's), (7, 63684), (8, 63630), (9, 63594), (10, 63591), (11, 63588),

Gene: Windsor_86 Start: 63698, Stop: 63519, Start Num: 5
Candidate Starts for Windsor_86:

(Start: 5 @63698 has 296 MA's), (7, 63629), (8, 63575), (9, 63539), (10, 63536), (11, 63533),

Gene: Xavier_85 Start: 63307, Stop: 63128, Start Num: 5
Candidate Starts for Xavier_85:
(Start: 5 @63307 has 296 MA's), (7, 63238), (8, 63184), (9, 63148), (10, 63145), (11, 63142),

Gene: Yoshand_87 Start: 63533, Stop: 63354, Start Num: 5
Candidate Starts for Yoshand_87:
(2, 63584), (Start: 5 @63533 has 296 MA's), (7, 63464), (8, 63410), (9, 63374), (10, 63371), (11, 63368),

Gene: YouGoGlencoco_86 Start: 63423, Stop: 63244, Start Num: 5
Candidate Starts for YouGoGlencoco_86:
(2, 63474), (Start: 5 @63423 has 296 MA's), (7, 63354), (8, 63300), (9, 63264), (10, 63261), (11, 63258),

Gene: Zaider_87 Start: 63797, Stop: 63618, Start Num: 5
Candidate Starts for Zaider_87:
(Start: 5 @63797 has 296 MA's), (7, 63728), (8, 63674), (9, 63638), (10, 63635), (11, 63632),

Gene: Zelda_86 Start: 63754, Stop: 63575, Start Num: 5
Candidate Starts for Zelda_86:
(2, 63805), (Start: 5 @63754 has 296 MA's), (7, 63685), (8, 63631), (9, 63595), (10, 63592), (11, 63589),

Gene: Zonia_86 Start: 63864, Stop: 63685, Start Num: 5
Candidate Starts for Zonia_86:
(Start: 5 @63864 has 296 MA's), (7, 63795), (8, 63741), (9, 63705), (10, 63702), (11, 63699),