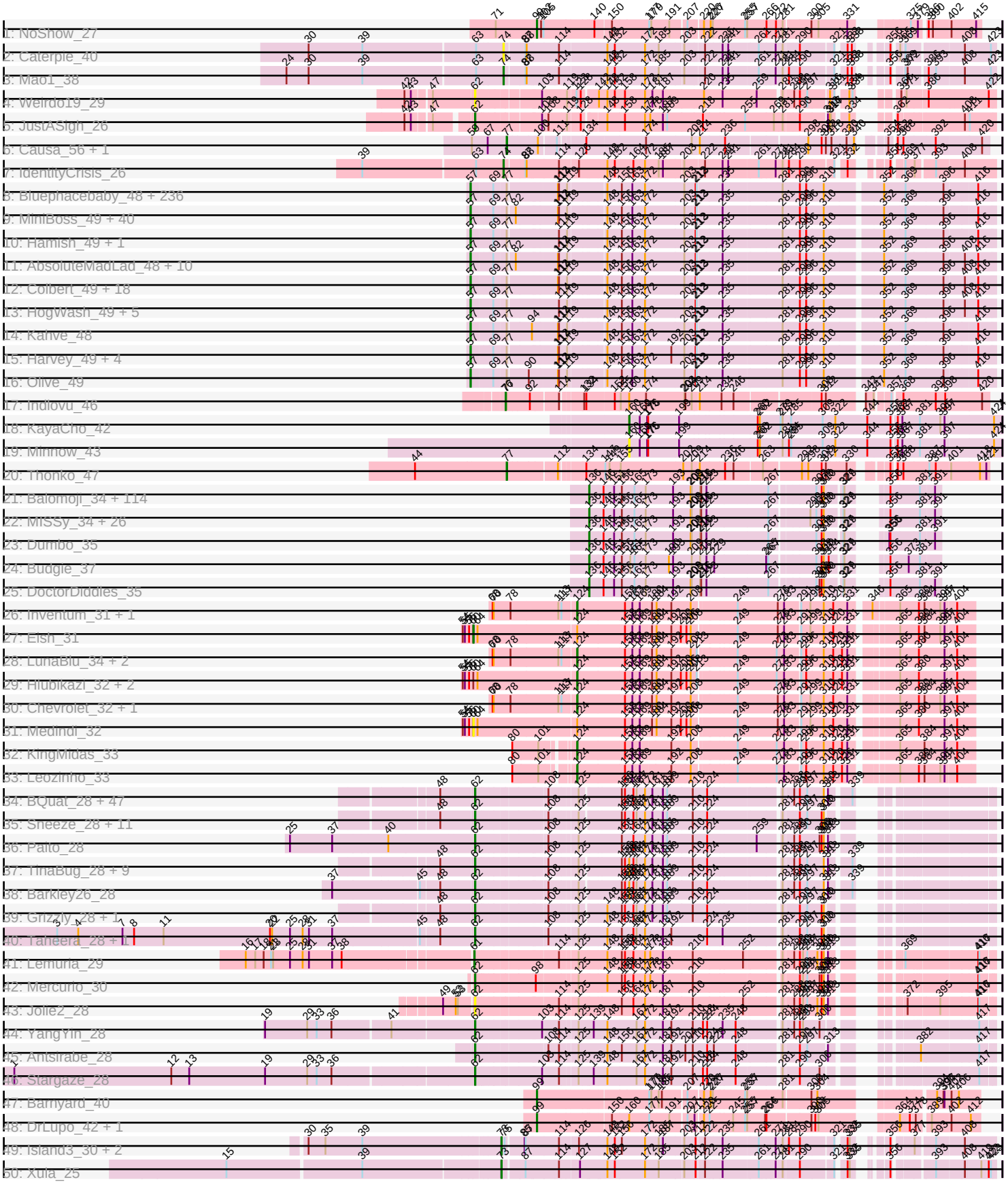
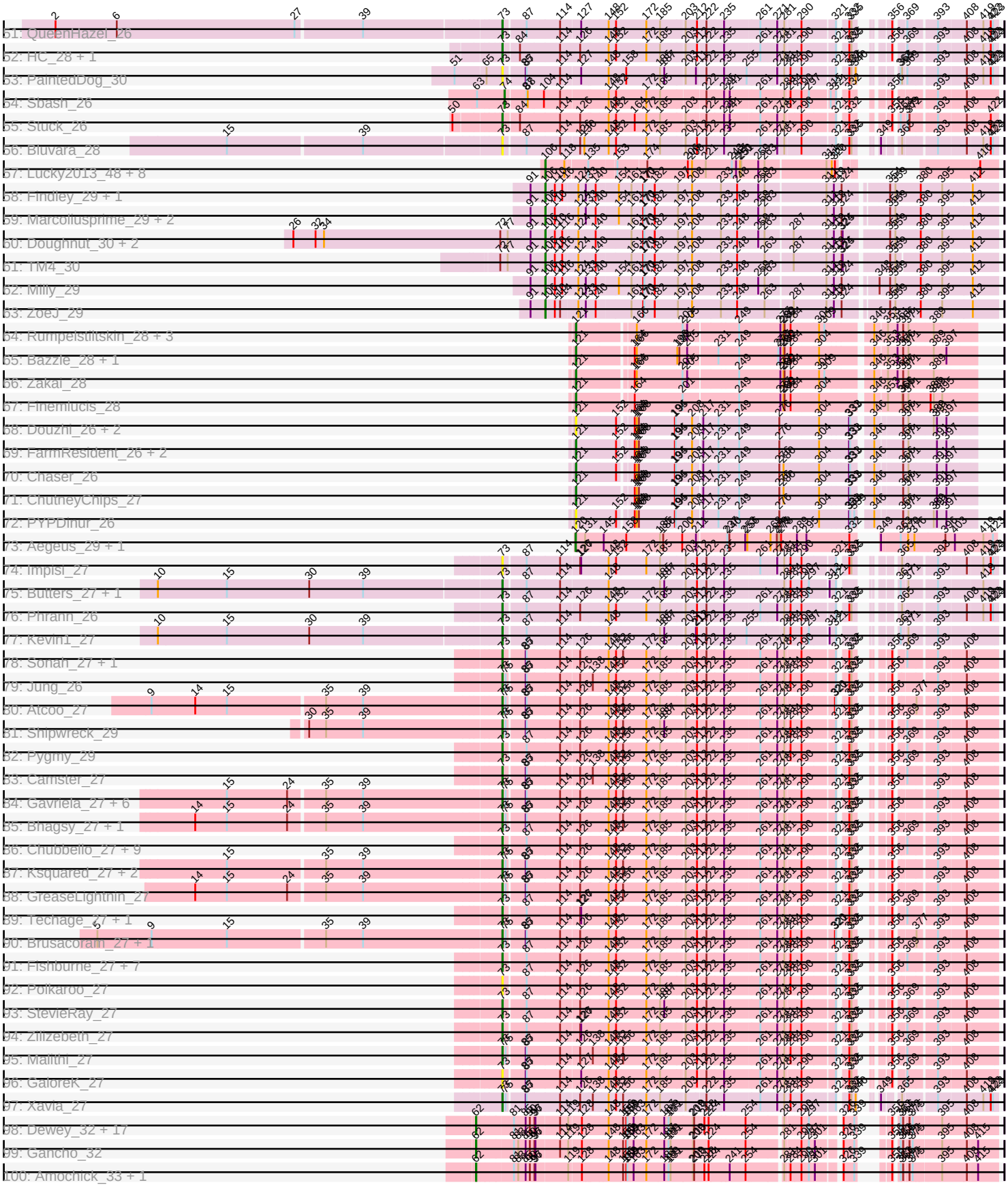
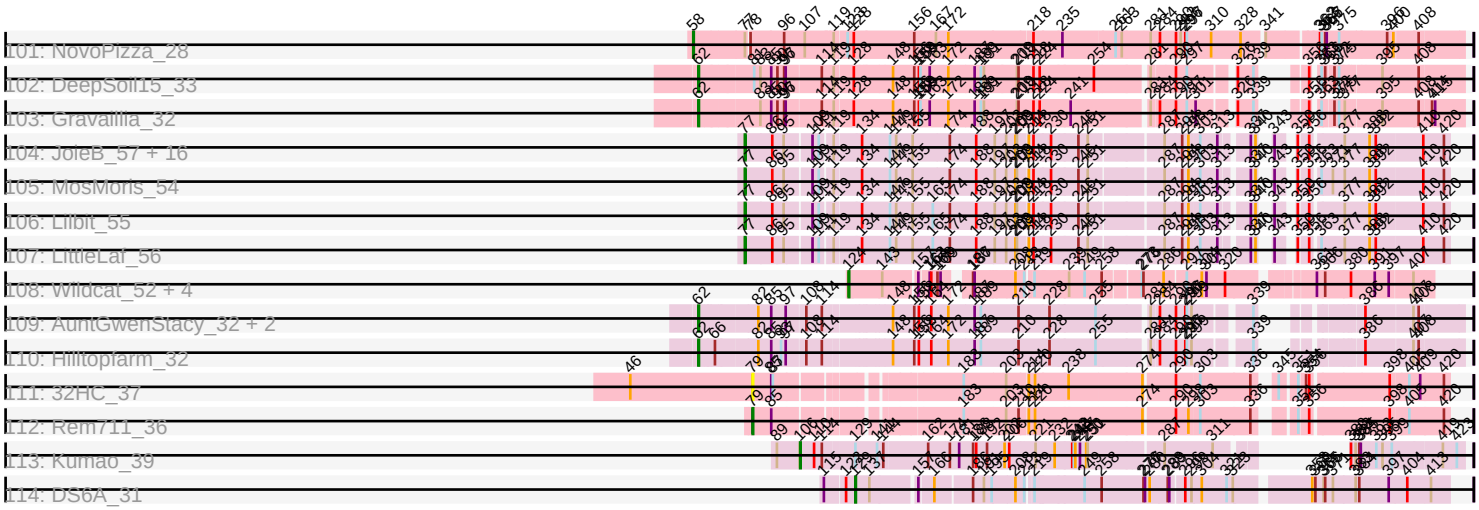
Pham 347040


1: NoShow_27
2: Caterpie_40
3: Mao1_38
4: Weirdo19_29
5: JustASigh_26
6: Causa_56 + 1
7: IdentityCrisis_26
8: Bluephacebaby_48 + 236
9: MiniBoss_49 + 40
10: Hamish_49 + 1
11: AbsoluteMadLad_48 + 10
12: Colbert_49 + 18
13: HogWash_49 + 5
14: Kahve_48
15: Harvey_49 + 4
16: Olive_49
17: Indiovu_46
18: KayaCho_42
19: Minnow_43
20: Thonko_47
21: Balomoji_34 + 114
22: MrSSy_34 + 26
23: Dumbo_35
24: Budgie_37
25: DoctorDiddles_35
26: Inventum_31 + 1
27: Elsh_31
28: LunaBlu_34 + 2
29: Hlubikazi_32 + 2
30: Chevrolet_32 + 1
31: Medindi_32
32: KingMidas_33
33: Leozinho_33
34: BQuat_28 + 47
35: Sneeze_28 + 11
36: Palto_28
37: TinaBug_28 + 9
38: Barkley26_28
39: Grizzly_28 + 1
40: Taheera_28 + 1
41: Lemuria_29
42: Mercurio_30
43: Jolie2_28
44: YangYin_28
45: Antsirabe_28
46: Stargaze_28
47: Barnyard_40
48: DrLupo_42 + 1
49: Island3_30 + 2
50: Xula_25

Pham 347040



Pham 347040


101: NovoPizza_28
102: DeepSoil15_33
103: Gravalilla_32
104: JolieB_57 + 16
105: MosMoris_54
106: Lilbit_55
107: LittleLar_56
108: Wildcat_52 + 4
109: AuntGwenStacy_32 + 2
110: Hilltopfarm_32
111: 32HC_37
112: Rem711_36
113: Kumao_39
114: DS6A_31

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 347040 Report

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

Pham number 347040 has 739 members, 66 are drafts.

Phages represented in each track:
• Track 1 : NoShow_27
• Track 2 : Caterpie_40
• Track 3 : Mao1_38
• Track 4 : Weirdo19_29
• Track 5 : JustASigh_26
• Track 6 : Causa_56, StAugustine_54
• Track 7 : IdentityCrisis_26
• Track 8 : Bluephacebaby_48, Morgushi_49, Spartan300_49, Kwadwo_48, Beaglebox_48, DoesntMatter_48, JangoPhett_49, Horchata_49, Scrick_49, SallyH_50, Chute_49, Eremos_49, Solosis_48, Jesabah_49, Timmi_48, Dice_48, Lulumae_48, Keitherie_49, Craff_50, Charles1_49, Telesworld_48, Cobra_49, Riggan_49, UAch1_49, Kloppinator_50, FluffyNinja_50, Phunky_49, Gwennie1_49, Quisquiliae_49, Squiggle_49, IsaacEli_50, Wallhey_48, Phipps_49, ProfessorX_49, Xavier_48, Fringe_50, Jillium_48, Held_49, Mcshane_48, HenryJackson_48, Slatt_49, Pherdinand_50, FugateOSU_48, PhenghisKhan_48, Mag7_48, Orfeu_48, DaddyDaniels_49, Nyala_48, Nehme_48, Khan1_48, Lasso_49, Megamind20_49, Apizium_49, Andre_50, Kikipoo_50, Ricotta_48, Morty_50, LeeLot_49, DonSanchon_48, Vivaldi_50, ABU_50, Gophee_49, Olak_48, Mikota_49, Haleema_48, Vaticameos_45, Iridessa_49, Hartsy_49, HighStump_49, YouGoGlencoco_49, Piglet_0049, Fozzie_48, CamL_49, FremontTroll_48, FleetyMac_49, ShadowBud_49, KingTut_40, Puhltonio_49, Labeouficaum_48, Aonishiki_49, Mesh1_49, PhatLouie_49, ShiVal_49, Inchworm_50, True_48, TomBombadil_49, Lumine_48, Lehmann_49, Swish_50, Fang_50, BlackStallion_50, Septica_48, CharlieGBrown_48, Maskar_49, Matalotodo_49, Jiraiya_48, Placalicious_48, BatteryCK_48, Cosmolli16_48, Caspiboi_48, Struggle_48, Hekos_46, FriarPreacher_48, Doddsville_49, Derpp_48, Zelda_49, Carthage_47, SirBeauregard_49, TallGrassMM_49, Cannibal_49, Dione_48, Buckeye_49, Jiminy_48, Samaymay_49, Mesmerelda_48, Riverton_49, Orwigg_48, Phleuron_48, LuckyMarjie_48, Larson_51, Usavi_49, Swiphy_49, Pipsqueak_49, Pacifista_48, Chaelin_49, Burr_48, Cher_48, Vortex_49, Valjean_49, Veritas_48, MrPhizzler_49, PhrankReynolds_47, Murdoc_49, Serpentine_0049, Mulan_49, MichaelPhcott_48, Iridoclysis_49, Simielle_48, Roscoe_50, DelRivs_48, Magic8_49, KLucky39_49, Numberten_49, Zonia_49, Altwerkus_48, Flake_49, Boehler_49, OneBrain_50, CampRoach_50, Chunky_49, Childish_48, Bishoperium_48, Azuria_48, Triad_49, Durga_50, Sigman_50, SilverBell_49, Banjo_48, Gareth_48, Plmatters_49, Kwksand96_48, Oline_48, TooFast2Furius_50, Tomlarah_49, Karn_48, Waterdiva_49, Cornbread_48, Podrick_49, Nicole21_49, PhrodoBaggins_49,

Trypo_50, Frankicide_49, Freya_48, Adriana_50, Grand2040_48, LasagnaCat_50, Selr12_49, Suffolk_49, Basato_50, Roy17_49, Katniss_50, Windsor_48, Schadenfreude_48, Coletti_49, ImtiyazSitla_49, Lopsy_48, Skippy_49, Orion_50, UncleHowie_49, Eugenia_49, Emiris_50, Duggie_48, Megatron_50, Mutante_48, Serendipity_49, BoogieWoogie_49, Scoot17C_50, Kailash_49, Vaishali24_48, Maru_48, DolOn_52, Phergie_49, QueenBeane_49, PhatCats2014_50, BlacksBerry_48, PallasAthena_48, Gyarad_0049, GeneCoco_49, Vista_49, AngelCake_49, Sheila_49, PinheadLarry_49, Rimu_49, Pinkman_48, Lulwa_49, Longacauda_48, Virgeve_48, Lego3393_48, Thunderbird_48, Phamished_50, JacAttac_50, TyrionL_48, Toni_48, Hocus_48, NiaNia_52, Virapocalypse_49, Chah_51, PG1_50, Yoshand_50, DuchessDung_48, Anderson_49, Legolas_49, Ashraf_49, LemonSlice_49, Phareon_49, Daffy_49, Hetaeria_49

• Track 9 : MiniBoss_49, Soile_49, LostAndPhound_48, Brilliant_49, SassyCat97_48, Zaider_50, Roliet_49, AltPhacts_49, KingVeVeVe_49, Potter_48, BlueHusk_49, MRabcd_48, Kimbrough_49, LeiMonet_49, Nova1_49, Soto_49, EmpTee_49, GreenChile_50, Jbug01_49, Chuni_49, Plata_48, Chorkpop_49, RedRaider89_50, Giraffe_49, SDcharge11_49, Badfish_50, Kiwot_49, MitKao_49, JakeO_48, Mosaic_48, Omniscient_49, Sophia_48, Nacho_0050, Crownjwl_49, Schueller_48, Mana_48, Taraxa_49, MelsMeow_49, Mecca_48, Dingo_49, Squid_49

• Track 10 : Hamish_49, Haimas_49

• Track 11 : AbsoluteMadLad_48, Vectra_48, Chipette_50, Aleia_49, Prickles_49, Daka_50, HSavage_49, Gwilliam_49, Salazzle_49, KlimbOn_49, Newman_49

• Track 12 : Colbert_49, Tooj_49, Oosterbaan_49, DirtJuice_49, Nathan_49, RedMaple_49, ElvisPhasley_50, Pops_49, OliverWalter_49, Manad_49, ThreeOh3D2_50, Cornobble_48, Thora_49, Etaye_49, Surely_49, OSmaximus_50, CheetO_49, Inverness_49, Hertubise_49

• Track 13 : HogWash_49, Happabalu_49, JDog_48, Melc17_49, Weher20_49, Dati_49

• Track 14 : Kahve_48

• Track 15 : Harvey_49, Robyn_48, EmGer13_49, Aelin_48, Antonia_48

• Track 16 : Olive_49

• Track 17 : Indlovu_46

• Track 18 : KayaCho_42

• Track 19 : Minnow_43

• Track 20 : Thonko_47

• Track 21 : Balomoji_34, Gemini_38, Kimchi_37, Elph10_36, Tarkin_37, Moldemort_36, Emmina_36, Gage_37, Rakim_36, StellaBean_35, Highbury_36, Tomaszewski_34, TBrady12_37, MadamMonkfish_35, Maxxinista_36, Glexan_33, Kostya_36, Harella_34, Kanye_37, SirDuracell_34, TeardropMSU_34, GoldenSpark_37, Thresher_36, JeTaime_37, Sassay_34, 244_37, ChotaBhai_35, BugsBunny_33, Myrale_35, Lilpickle_34, HanKaySha_36, Phaja_35, Argent26_37, Nimrod_35, Ukulele_35, Manda_36, Adnama_38, YassJohnny_36, SophKB_35, Cactus_36, Youngblood_35, Cookies_35, GooberAzure_37, Pat3_34, IHOP_35, Hopey_37, Dusk_34, Command613_36, Miniwave_35, FairyPath_35, Icee_34, MPhalcon_34, BaboJay_34, BadStone_34, Saints25_36, Asriel_34, ShereKhan_37, Stank_38, Bask21_35, Quallification_36, Tuco_36, Easy2Say_37, NonchalantPear_35, Contagion_34, StolenFromERC_37, Mindy_35, Hoonter_37, Flypotenuse_33, Mosby_34, Lilac_37, Filch_36, Barbarian_34, Sotrice96_35, Eureka_35, Amao_35, NelitzaMV_35, Czyszczon1_36, RiverMonster_35, BigBubba_36, AmericanBeauty_37, Terminus_35, Goldilocks_36, Brewer_35, Bench_37, Murphy_36, Gator_33, Elite2014_34, Cjw1_35, Simpliphy_36, Misfit_35, Traaww1_33, Goku_35, Stark_36, ChosenOne_35, Henry_36, ABCat_34, Bruin_35, Xandras_37, Willez_34, DrDrey_36, Paperbeatsrock_37, Holt_36, Thimble_35,

Nala_35, PaddyBaddy_36, Daikon_34, Marshmallow_35, Porky_35, Pumpkin_37, Teaspoon_36, NoSleep_36, Lilizi_37, OrionPax_36, Wiggin_38, Pharsalus_36
• Track 22 : MISSy_34, StormChicken_35, HufflyPuff_34, FoghornLeghorn_34, Petra64142_37, FireRed_35, Bogg_35, Rimmer_34, BilboSwaggins_35, Becksu_35, TeamEdward_35, PhatBacter_35, CrystalP_35, MollyToe_35, Palpatine_35, Phaux_34, Phrux_35, Greep_36, Ptowny_36, Policronamos_35, ShamWow_35, Buck_34, xkcd_36, Toto_35, Murica_34, Inca_34, Livelaughbron_36
• Track 23 : Dumbo_35
• Track 24 : Budgie_37
• Track 25 : DoctorDiddles_35
• Track 26 : Inventum_31, Sassafras_32
• Track 27 : Eish_31
• Track 28 : LunaBlu_34, Galactic_33, MinionDave_34
• Track 29 : Hlubikazi_32, Mandlovu_32, Strokeseat_32
• Track 30 : Chevrolet_32, ArcusAngelus_31
• Track 31 : Medindi_32
• Track 32 : KingMidas_33
• Track 33 : Leozinho_33
• Track 34 : BQuat_28, Crespo_28, AzulaCat_28, Jane_28, Maliketh_28, BPs_28, LouisV14_28, Mowgli_28, PinkYoshi_28, Phish_28, CassieYates_28, Remy19_28, Camri_28, BruceB_28, Sweets_28, DingDing_28, Kareem_28, Darionha_28, Hope_28, Frosty24_28, TomBrady_28, OctaviousRex_28, Renaissance_28, Gideon_28, JorRay_28, Phreak_28, Wendigo_28, Terralys_28, CLED96_28, Olga_28, DNAIII_0028, Jeilious_28, Neoh_28, Cedasite_28, Plagueis_28, Annihilator_28, ShaboiShabazz_28, Cherrybomb426_28, Ruriko_28, Gomashi_28, DMoney_28, Primanti_28, MZKinsey_28, Zombie_28, Coleslaw_28, Marmie_28, Avrafan_28, ZoMa_28
• Track 35 : Sneeze_28, Aroostook_28, Jonghyun_28, Rattrick_28, Hotshotbaby7_28, ECartman_28, AizenPogi_28, Chance64_28, Jolene_28, Rabbs_28, Phloodle_28, Periodt_28
• Track 36 : Paito_28
• Track 37 : TinaBug_28, Sizemore_28, Kasen3_28, Peeb_28, Richarlison_28, ForeverHowLong_28, Halo_28, Angel_28, GoldenAsh_28, Schiebel_28
• Track 38 : Barkley26_28
• Track 39 : Grizzly_28, Liefie_28
• Track 40 : Taheera_28, Terror_28
• Track 41 : Lemuria_29
• Track 42 : Mercurio_30
• Track 43 : Jolie2_28
• Track 44 : YangYin_28
• Track 45 : Antsirabe_28
• Track 46 : Stargaze_28
• Track 47 : Barnyard_40
• Track 48 : DrLupo_42, AmandaPanda_41
• Track 49 : Island3_30, Bogie_29, Brujita_30
• Track 50 : Xula_25
• Track 51 : QueenHazel_26
• Track 52 : HC_28, Babsiella_27
• Track 53 : PaintedDog_30
• Track 54 : Sbash_26
• Track 55 : Stuck_26
• Track 56 : Bluvara_28

• Track 57 : Lucky2013_48, Courthouse_48, Gonephishing_50, Superphikiman_48, Rearden_43, Porcelain_47, Ariel_48, Squint_47, MiaZeal_48
• Track 58 : Findley_29, Strobilo_29
• Track 59 : Marcoliusprime_29, DismalStressor_29, DismalFunk_29
• Track 60 : Doughnut_30, Mufasa_30, BoostSeason_30
• Track 61 : TM4_30
• Track 62 : Milly_29
• Track 63 : ZoeJ_29
• Track 64 : Rumpelstiltskin_28, SoJulia_29, Rossetti_28, Gabriela_28
• Track 65 : Bazzle_28, Archie_28
• Track 66 : Zakai_28
• Track 67 : Finemlucis_28
• Track 68 : Douzhi_26, Sheng711_26, BrainDrainer_27
• Track 69 : FarmResident_26, Quby_26, Douge_26
• Track 70 : Chaser_26
• Track 71 : ChutneyChips_27
• Track 72 : PYPDinur_26
• Track 73 : Aegeus_29, Baudelaire_29
• Track 74 : Impisi_27
• Track 75 : Butters_27, Rubeelu_27
• Track 76 : Phrann_26
• Track 77 : Kevin1_27
• Track 78 : Sonah_27, Necropolis_27
• Track 79 : Jung_26
• Track 80 : Atcoo_27
• Track 81 : Shipwreck_29
• Track 82 : Pygmy_29
• Track 83 : Camster_27
• Track 84 : Gavriela_27, CactusJack_27, StressBall_27, Glaske_27, Megiddo_27, KilKor_27, Phalm_27
• Track 85 : Bhagsy_27, PeanutPie_27
• Track 86 : Chubbello_27, Phegasus_27, Jebeks_27, Etoile_27, Dynamo_27, Majeke_27, Mangethe_27, Phineas_27, Donovan_27, Arib1_27
• Track 87 : Ksquared_27, Juniormint_27, Bunnies_27
• Track 88 : GreaseLightnin_27
• Track 89 : Techage_27, BronnyJr_27
• Track 90 : Brusacoram_27, Thespis_27
• Track 91 : Fishburne_27, Langerak_27, Kari_27, Bartholomew_26, Venti_27, FirstPlacePfu_27, HUHilltop_27, Vidya_27
• Track 92 : Polkaroo_27
• Track 93 : StevieRay_27
• Track 94 : Zilizebeth_27
• Track 95 : Malithi_27
• Track 96 : GaloreK_27
• Track 97 : Xavia_27
• Track 98 : Dewey_32, Forge_32, Hail_32, OBUpride_33, Luna22_32, Hadrien_33, HH92_32, Wishmaker_32, Amymech_33, Luke_33, Giles_32, LilHazelnut_33, Ubuntu_33, Kinbote_33, BloominB_32, Webster2_33, Evanesce_32, Ein37_33
• Track 99 : Gancho_32
• Track 100 : Amochick_33, Daegal_34
• Track 101 : NovoPizza_28
• Track 102 : DeepSoil15_33
• Track 103 : Gravaillia_32

• Track 104 : JoieB_57, Marvin_53, Poise_56, Beelzebub_60, Huphlepuff_58, Tesla_54, Clarkson_57, Blackbeetle_56, GoongGoong_55, Gattaca_55, RedRaider77_55, Corazon_54, Pringar_56, VasuNzinga_56, Caprice_55, FeliMaine_58, Raela_56
• Track 105 : MosMoris_54
• Track 106 : Lilbit_55
• Track 107 : LittleLaf_56
• Track 108 : Wildcat_52, MaryV_52, Cosmo_52, EniyanLRS_49, Azrael100_51
• Track 109 : AuntGwenStacy_32, Faiyaz_32, Typha_32
• Track 110 : Hilltopfarm_32
• Track 111 : 32HC_37
• Track 112 : Rem711_36
• Track 113 : Kumao_39
• Track 114 : DS6A_31

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

The start number called the most often in the published annotations is 57, it was called in 297 of the 673 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• ABU_50, AbsoluteMadLad_48, Adriana_50, Aelin_48, Aleia_49, AltPhacts_49, Altwerkus_48, Anderson_49, Andre_50, AngelCake_49, Antonia_48, Aonishiki_49, Apizium_49, Ashraf_49, Azuria_48, Badfish_50, Banjo_48, Basato_50, BatteryCK_48, Beaglebox_48, Bishoperium_48, BlackStallion_50, BlacksBerry_48, BlueHusk_49, Bluephacebaby_48, Boehler_49, BoogieWoogie_49, Brilliant_49, Buckeye_49, Burr_48, CamL_49, CampRoach_50, Cannibal_49, Carthage_47, Caspiboi_48, Chaelin_49, Chah_51, Charles1_49, CharlieGBrown_48, CheetO_49, Cher_48, Childish_48, Chipette_50, Chorkpop_49, Chuni_49, Chunky_49, Chute_49, Cobra_49, Colbert_49, Coletti_49, Cornbread_48, Cornobble_48, Cosmolli16_48, Craff_50, Crownjwl_49, DaddyDaniels_49, Daffy_49, Daka_50, Dati_49, DelRivs_48, Derpp_48, Dice_48, Dingo_49, Dione_48, DirtJuice_49, Doddsville_49, DoesntMatter_48, DolOn_52, DonSanchon_48, DuchessDung_48, Duggie_48, Durga_50, ElvisPhasley_50, EmGer13_49, Emiris_50, EmpTee_49, Eremos_49, Etaye_49, Eugenia_49, Fang_50, Flake_49, FleetyMac_49, FluffyNinja_50, Fozzie_48, Frankicide_49, FremontTroll_48, Freya_48, FriarPreacher_48, Fringe_50, FugateOSU_48, Gareth_48, GeneCoco_49, Giraffe_49, Gophee_49, Grand2040_48, GreenChile_50, Gwennie1_49, Gwilliam_49, Gyarad_0049, HSavage_49, Haimas_49, Haleema_48, Hamish_49, Happabalu_49, Hartsy_49, Harvey_49, Hekos_46, Held_49, HenryJackson_48, Hertubise_49, Hetaeria_49, HighStump_49, Hocus_48, HogWash_49, Horchata_49, ImtiyazSitla_49, Inchworm_50, Inverness_49, Iridessa_49, Iridoclysis_49, IsaacEli_50, JDog_48, JacAttac_50, JakeO_48, JangoPhett_49, Jbug01_49, Jesabah_49, Jillium_48, Jiminy_48, Jiraiya_48, KLucky39_49, Kahve_48, Kailash_49, Karn_48, Katniss_50, Keitherie_49, Khan1_48, Kikipoo_50, Kimbrough_49, KingTut_40, KingVeVeVe_49, Kiwot_49, KlimbOn_49, Kloppinator_50, Kwadwo_48, Kwksand96_48, Labeouficaum_48, Larson_51, LasagnaCat_50, Lasso_49, LeeLot_49, Lego3393_48, Legolas_49, Lehmann_49, LeiMonet_49, LemonSlice_49, Longacauda_48, Lopsy_48, LostAndPhound_48, LuckyMarjie_48, Lulumae_48, Lulwa_49, Lumine_48, MRabcd_48, Mag7_48, Magic8_49, Mana_48, Manad_49, Maru_48, Maskar_49,

Matalotodo_49, Mcshane_48, Mecca_48, Megamind20_49, Megatron_50, Melc17_49, MelsMeow_49, Mesh1_49, Mesmerelda_48, MichaelPhcott_48, Mikota_49, MiniBoss_49, MitKao_49, Morgushi_49, Morty_50, Mosaic_48, MrPhizzler_49, Mulan_49, Murdoc_49, Mutante_48, Nacho_0050, Nathan_49, Nehme_48, Newman_49, NiaNia_52, Nicole21_49, Nova1_49, Numberten_49, Nyala_48, OSmaximus_50, Olak_48, Oline_48, Olive_49, OliverWalter_49, Omniscient_49, OneBrain_50, Oosterbaan_49, Orfeu_48, Orion_50, Orwigg_48, PG1_50, Pacifista_48, PallasAthena_48, Phamished_50, Phareon_49, PhatCats2014_50, PhatLouie_49, PhenghisKhan_48, Pherdinand_50, Phergie_49, Phipps_49, Phleuron_48, PhrankReynolds_47, PhrodoBaggins_49, Phunky_49, Piglet_0049, PinheadLarry_49, Pinkman_48, Pipsqueak_49, Placalicious_48, Plata_48, Plmatters_49, Podrick_49, Pops_49, Potter_48, Prickles_49, ProfessorX_49, Puhltonio_49, QueenBeane_49, Quisquiliae_49, RedMaple_49, RedRaider89_50, Ricotta_48, Riggan_49, Rimu_49, Riverton_49, Robyn_48, Roliet_49, Roscoe_50, Roy17_49, SDcharge11_49, Salazzle_49, SallyH_50, Samaymay_49, SassyCat97_48, Schadenfreude_48, Schueller_48, Scoot17C_50, Scrick_49, Selr12_49, Septica_48, Serendipity_49, Serpentine_0049, ShadowBud_49, Sheila_49, ShiVal_49, Sigman_50, SilverBell_49, Simielle_48, SirBeauregard_49, Skippy_49, Slatt_49, Soile_49, Solosis_48, Sophia_48, Soto_49, Spartan300_49, Squid_49, Squiggle_49, Struggle_48, Suffolk_49, Surely_49, Swiphy_49, Swish_50, TallGrassMM_49, Taraxa_49, Telesworld_48, Thora_49, ThreeOh3D2_50, Thunderbird_48, Timmi_48, TomBombadil_49, Tomlarah_49, Toni_48, TooFast2Furius_50, Tooj_49, Triad_49, True_48, Trypo_50, TyrionL_48, UAch1_49, UncleHowie_49, Usavi_49, Vaishali24_48, Valjean_49, Vaticameos_45, Vectra_48, Veritas_48, Virapocalypse_49, Virgeve_48, Vista_49, Vivaldi_50, Vortex_49, Wallhey_48, Waterdiva_49, Weher20_49, Windsor_48, Xavier_48, Yoshand_50, YouGoGlencoco_49, Zaider_50, Zelda_49, Zonia_49,

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

Genes that do not have the "Most Annotated" start:
• 244_37, 32HC_37, ABCat_34, Adnama_38, Aegeus_29, AizenPogi_28, AmandaPanda_41, Amao_35, AmericanBeauty_37, Amochick_33, Amymech_33, Angel_28, Annihilator_28, Antsirabe_28, Archie_28, ArcusAngelus_31, Argent26_37, Arib1_27, Ariel_48, Aroostook_28, Asriel_34, Atcoo_27, AuntGwenStacy_32, Avrafan_28, Azrael100_51, AzulaCat_28, BPs_28, BQuat_28, BaboJay_34, Babsiella_27, BadStone_34, Balomoji_34, Barbarian_34, Barkley26_28, Barnyard_40, Bartholomew_26, Bask21_35, Baudelaire_29, Bazzle_28, Becksu_35, Beelzebub_60, Bench_37, Bhagsy_27, BigBubba_36, BilboSwaggins_35, Blackbeetle_56, BloominB_32, Bluvara_28, Bogg_35, Bogie_29, BoostSeason_30, BrainDrainer_27, Brewer_35, BronnyJr_27, BruceB_28, Bruin_35, Brujita_30, Brusacoram_27, Buck_34, Budgie_37, BugsBunny_33, Bunnies_27, Butters_27, CLED96_28, CactusJack_27, Cactus_36, Camri_28, Camster_27, Caprice_55, CassieYates_28, Caterpie_40, Causa_56, Cedasite_28, Chance64_28, Chaser_26, Cherrybomb426_28, Chevrolet_32, ChosenOne_35, ChotaBhai_35, Chubbello_27, ChutneyChips_27, Cjw1_35, Clarkson_57, Coleslaw_28, Command613_36, Contagion_34, Cookies_35, Corazon_54, Cosmo_52, Courthouse_48, Crespo_28, CrystalP_35, Czyszczon1_36, DMoney_28, DNAIII_0028, DS6A_31, Daegal_34, Daikon_34, Darionha_28, DeepSoil15_33, Dewey_32, DingDing_28, DismalFunk_29, DismalStressor_29, DoctorDiddles_35, Donovan_27, Douge_26, Doughnut_30, Douzhi_26, DrDrey_36, DrLupo_42, Dumbo_35, Dusk_34, Dynamo_27, ECartman_28, Easy2Say_37, Ein37_33, Eish_31, Elite2014_34, Elph10_36,

Emmina_36, EniyanLRS_49, Etoile_27, Eureka_35, Evanesce_32, FairyPath_35, Faiyaz_32, FarmResident_26, FeliMaine_58, Filch_36, Findley_29, Finemlucis_28, FireRed_35, FirstPlacePfu_27, Fishburne_27, Flypotenuse_33, FoghornLeghorn_34, ForeverHowLong_28, Forge_32, Frosty24_28, Gabriela_28, Gage_37, Galactic_33, GaloreK_27, Gancho_32, Gator_33, Gattaca_55, Gavriela_27, Gemini_38, Gideon_28, Giles_32, Glaske_27, Glexan_33, Goku_35, GoldenAsh_28, GoldenSpark_37, Goldilocks_36, Gomashi_28, Gonephishing_50, GooberAzure_37, GoongGoong_55, Gravaillia_32, GreaseLightnin_27, Greep_36, Grizzly_28, HC_28, HH92_32, HUHilltop_27, Hadrien_33, Hail_32, Halo_28, HanKaySha_36, Harella_34, Henry_36, Highbury_36, Hilltopfarm_32, Hlubikazi_32, Holt_36, Hoonter_37, Hope_28, Hopey_37, Hotshotbaby7_28, HufflyPuff_34, Huphlepuff_58, IHOP_35, Icee_34, IdentityCrisis_26, Impisi_27, Inca_34, Indlovu_46, Inventum_31, Island3_30, Jane_28, JeTaime_37, Jebeks_27, Jeilious_28, JoieB_57, Jolene_28, Jolie2_28, Jonghyun_28, JorRay_28, Jung_26, Juniormint_27, JustASigh_26, Kanye_37, Kareem_28, Kari_27, Kasen3_28, KayaCho_42, Kevin1_27, KilKor_27, Kimchi_37, Kinbote_33, KingMidas_33, Kostya_36, Ksquared_27, Kumao_39, Langerak_27, Lemuria_29, Leozinho_33, Liefie_28, LilHazelnut_33, Lilac_37, Lilbit_55, Lilizi_37, Lilpickle_34, LittleLaf_56, Livelaughbron_36, LouisV14_28, Lucky2013_48, Luke_33, Luna22_32, LunaBlu_34, MISSy_34, MPhalcon_34, MZKinsey_28, MadamMonkfish_35, Majeke_27, Maliketh_28, Malithi_27, Manda_36, Mandlovu_32, Mangethe_27, Mao1_38, Marcoliusprime_29, Marmie_28, Marshmallow_35, Marvin_53, MaryV_52, Maxxinista_36, Medindi_32, Megiddo_27, Mercurio_30, MiaZeal_48, Milly_29, Mindy_35, MinionDave_34, Miniwave_35, Minnow_43, Misfit_35, Moldemort_36, MollyToe_35, MosMoris_54, Mosby_34, Mowgli_28, Mufasa_30, Murica_34, Murphy_36, Myrale_35, Nala_35, Necropolis_27, NelitzaMV_35, Neoh_28, Nimrod_35, NoShow_27, NoSleep_36, NonchalantPear_35, NovoPizza_28, OBUpride_33, OctaviousRex_28, Olga_28, OrionPax_36, PYPDinur_26, PaddyBaddy_36, PaintedDog_30, Paito_28, Palpatine_35, Paperbeatsrock_37, Pat3_34, PeanutPie_27, Peeb_28, Periodt_28, Petra64142_37, Phaja_35, Phalm_27, Pharsalus_36, PhatBacter_35, Phaux_34, Phegasus_27, Phineas_27, Phish_28, Phloodle_28, Phrann_26, Phreak_28, Phrux_35, PinkYoshi_28, Plagueis_28, Poise_56, Policronamos_35, Polkaroo_27, Porcelain_47, Porky_35, Primanti_28, Pringar_56, Ptowny_36, Pumpkin_37, Pygmy_29, Quallification_36, Quby_26, QueenHazel_26, Rabbs_28, Raela_56, Rakim_36, Rattrick_28, Rearden_43, RedRaider77_55, Rem711_36, Remy19_28, Renaissance_28, Richarlison_28, Rimmer_34, RiverMonster_35, Rossetti_28, Rubeelu_27, Rumpelstiltskin_28, Ruriko_28, Saints25_36, Sassafras_32, Sassay_34, Sbash_26, Schiebel_28, ShaboiShabazz_28, ShamWow_35, Sheng711_26, ShereKhan_37, Shipwreck_29, Simpliphy_36, SirDuracell_34, Sizemore_28, Sneeze_28, SoJulia_29, Sonah_27, SophKB_35, Sotrice96_35, Squint_47, StAugustine_54, Stank_38, Stargaze_28, Stark_36, StellaBean_35, StevieRay_27, StolenFromERC_37, StormChicken_35, StressBall_27, Strobilo_29, Strokeseat_32, Stuck_26, Superphikiman_48, Sweets_28, TBrady12_37, TM4_30, Taheera_28, Tarkin_37, TeamEdward_35, TeardropMSU_34, Teaspoon_36, Techage_27, Terminus_35, Terralys_28, Terror_28, Tesla_54, Thespis_27, Thimble_35, Thonko_47, Thresher_36, TinaBug_28, TomBrady_28, Tomaszewski_34, Toto_35, Traaww1_33, Tuco_36, Typha_32, Ubuntu_33, Ukulele_35, VasuNzinga_56, Venti_27, Vidya_27, Webster2_33, Weirdo19_29, Wendigo_28, Wiggin_38, Wildcat_52, Willez_34, Wishmaker_32, Xandras_37, Xavia_27, Xula_25, YangYin_28, YassJohnny_36, Youngblood_35, Zakai_28, Zilizebeth_27, ZoMa_28, ZoeJ_29, Zombie_28, xkcd_36,

Summary by start number:

Start 57:
• Found in 323 of 739 (43.7%) of genes in pham
• Manual Annotations of this start: 297 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ABU_50 (B1), AbsoluteMadLad_48 (B1), Adriana_50 (B1), Aelin_48 (B1), Aleia_49 (B1), AltPhacts_49 (B1), Altwerkus_48 (B1), Anderson_49 (B1), Andre_50 (B1), AngelCake_49 (B1), Antonia_48 (B1), Aonishiki_49 (B1), Apizium_49 (B1), Ashraf_49 (B1), Azuria_48 (B1), Badfish_50 (B1), Banjo_48 (B1), Basato_50 (B1), BatteryCK_48 (B1), Beaglebox_48 (B1), Bishoperium_48 (B1), BlackStallion_50 (B1), BlacksBerry_48 (B1), BlueHusk_49 (B1), Bluephacebaby_48 (B1), Boehler_49 (B1), BoogieWoogie_49 (B1), Brilliant_49 (B1), Buckeye_49 (B1), Burr_48 (B1), CamL_49 (B1), CampRoach_50 (B1), Cannibal_49 (B1), Carthage_47 (B1), Caspiboi_48 (B1), Chaelin_49 (B1), Chah_51 (B1), Charles1_49 (B1), CharlieGBrown_48 (B1), CheetO_49 (B1), Cher_48 (B1), Childish_48 (B1), Chipette_50 (B1), Chorkpop_49 (B1), Chuni_49 (B1), Chunky_49 (B1), Chute_49 (B1), Cobra_49 (B1), Colbert_49 (B1), Coletti_49 (B1), Cornbread_48 (B1), Cornobble_48 (B1), Cosmolli16_48 (B1), Craff_50 (B1), Crownjwl_49 (B1), DaddyDaniels_49 (B1), Daffy_49 (B1), Daka_50 (B1), Dati_49 (B1), DelRivs_48 (B1), Derpp_48 (B1), Dice_48 (B1), Dingo_49 (B1), Dione_48 (B1), DirtJuice_49 (B1), Doddsville_49 (B1), DoesntMatter_48 (B1), DolOn_52 (B1), DonSanchon_48 (B1), DuchessDung_48 (B1), Duggie_48 (B1), Durga_50 (B1), ElvisPhasley_50 (B1), EmGer13_49 (B1), Emiris_50 (B1), EmpTee_49 (B1), Eremos_49 (B1), Etaye_49 (B1), Eugenia_49 (B1), Fang_50 (B1), Flake_49 (B1), FleetyMac_49 (B1), FluffyNinja_50 (B1), Fozzie_48 (B1), Frankicide_49 (B1), FremontTroll_48 (B1), Freya_48 (B1), FriarPreacher_48 (B1), Fringe_50 (B1), FugateOSU_48 (B1), Gareth_48 (B1), GeneCoco_49 (B1), Giraffe_49 (B1), Gophee_49 (B1), Grand2040_48 (B1), GreenChile_50 (B1), Gwennie1_49 (B1), Gwilliam_49 (B1), Gyarad_0049 (B1), HSavage_49 (B1), Haimas_49 (B1), Haleema_48 (B1), Hamish_49 (B1), Happabalu_49 (B1), Hartsy_49 (B1), Harvey_49 (B1), Hekos_46 (B1), Held_49 (B1), HenryJackson_48 (B1), Hertubise_49 (B1), Hetaeria_49 (B1), HighStump_49 (B1), Hocus_48 (B1), HogWash_49 (B1), Horchata_49 (B1), ImtiyazSitla_49 (B1), Inchworm_50 (B1), Inverness_49 (B1), Iridessa_49 (B1), Iridoclysis_49 (B1), IsaacEli_50 (B1), JDog_48 (B1), JacAttac_50 (B1), JakeO_48 (B1), JangoPhett_49 (B1), Jbug01_49 (B1), Jesabah_49 (B1), Jillium_48 (B1), Jiminy_48 (B1), Jiraiya_48 (B1), KLucky39_49 (B1), Kahve_48 (B1), Kailash_49 (B1), Karn_48 (B1), Katniss_50 (B1), Keitherie_49 (B1), Khan1_48 (B1), Kikipoo_50 (B1), Kimbrough_49 (B1), KingTut_40 (B1), KingVeVeVe_49 (B1), Kiwot_49 (B1), KlimbOn_49 (B1), Kloppinator_50 (B1), Kwadwo_48 (B1), Kwksand96_48 (B1), Labeouficaum_48 (B1), Larson_51 (B1), LasagnaCat_50 (B1), Lasso_49 (B1), LeeLot_49 (B1), Lego3393_48 (B1), Legolas_49 (B1), Lehmann_49 (B1), LeiMonet_49 (B1), LemonSlice_49 (B1), Longacauda_48 (B1), Lopsy_48 (B1), LostAndPhound_48 (B1), LuckyMarjie_48 (B1), Lulumae_48 (B1), Lulwa_49 (B1), Lumine_48 (B1), MRabcd_48 (B1), Mag7_48 (B1), Magic8_49 (B1), Mana_48 (B1), Manad_49 (B1), Maru_48 (B1), Maskar_49 (B1), Matalotodo_49 (B1), Mcshane_48 (B1), Mecca_48 (B1), Megamind20_49 (B1), Megatron_50 (B1), Melc17_49 (B1), MelsMeow_49 (B1), Mesh1_49 (B1), Mesmerelda_48 (B1), MichaelPhcott_48 (B1), Mikota_49 (B1), MiniBoss_49 (B1), MitKao_49 (B1), Morgushi_49 (B1), Morty_50 (B1), Mosaic_48 (B1), MrPhizzler_49 (B1), Mulan_49 (B1), Murdoc_49 (B1), Mutante_48 (B1), Nacho_0050 (B1), Nathan_49 (B1), Nehme_48 (B1), Newman_49 (B1), NiaNia_52 (B1), Nicole21_49 (B1), Nova1_49 (B1), Numberten_49 (B1), Nyala_48 (B1), OSmaximus_50 (B1), Olak_48 (B1), Oline_48 (B1), Olive_49 (B1), OliverWalter_49 (B1), Omniscient_49 (B1), OneBrain_50 (B1), Oosterbaan_49 (B1),

Orfeu_48 (B1), Orion_50 (B1), Orwigg_48 (B1), PG1_50 (B1), Pacifista_48 (B1), PallasAthena_48 (B1), Phamished_50 (B1), Phareon_49 (B1), PhatCats2014_50 (B1), PhatLouie_49 (B1), PhenghisKhan_48 (B1), Pherdinand_50 (B1), Phergie_49 (B1), Phipps_49 (B1), Phleuron_48 (B1), PhrankReynolds_47 (B1), PhrodoBaggins_49 (B1), Phunky_49 (B1), Piglet_0049 (B1), PinheadLarry_49 (B1), Pinkman_48 (B1), Pipsqueak_49 (B1), Placalicious_48 (B1), Plata_48 (B1), Plmatters_49 (B1), Podrick_49 (B1), Pops_49 (B1), Potter_48 (B1), Prickles_49 (B1), ProfessorX_49 (B1), Puhltonio_49 (B1), QueenBeane_49 (B1), Quisquiliae_49 (B1), RedMaple_49 (B1), RedRaider89_50 (B1), Ricotta_48 (B1), Riggan_49 (B1), Rimu_49 (B1), Riverton_49 (B1), Robyn_48 (B1), Roliet_49 (B1), Roscoe_50 (B1), Roy17_49 (B1), SDcharge11_49 (B1), Salazzle_49 (B1), SallyH_50 (B1), Samaymay_49 (B1), SassyCat97_48 (B1), Schadenfreude_48 (B1), Schueller_48 (B1), Scoot17C_50 (B1), Scrick_49 (B1), Selr12_49 (B1), Septica_48 (B1), Serendipity_49 (B1), Serpentine_0049 (B1), ShadowBud_49 (B1), Sheila_49 (B1), ShiVal_49 (B1), Sigman_50 (B1), SilverBell_49 (B1), Simielle_48 (B1), SirBeauregard_49 (B1), Skippy_49 (B1), Slatt_49 (B1), Soile_49 (B1), Solosis_48 (B1), Sophia_48 (B1), Soto_49 (B1), Spartan300_49 (B1), Squid_49 (B1), Squiggle_49 (B1), Struggle_48 (B1), Suffolk_49 (B1), Surely_49 (B1), Swiphy_49 (B1), Swish_50 (B1), TallGrassMM_49 (B1), Taraxa_49 (B1), Telesworld_48 (B1), Thora_49 (B1), ThreeOh3D2_50 (B1), Thunderbird_48 (B1), Timmi_48 (B1), TomBombadil_49 (B1), Tomlarah_49 (B1), Toni_48 (B1), TooFast2Furius_50 (B1), Tooj_49 (B1), Triad_49 (B1), True_48 (B1), Trypo_50 (B1), TyrionL_48 (B1), UAch1_49 (B1), UncleHowie_49 (B1), Usavi_49 (B1), Vaishali24_48 (B1), Valjean_49 (B1), Vaticameos_45 (B1), Vectra_48 (B1), Veritas_48 (B1), Virapocalypse_49 (B1), Virgeve_48 (B1), Vista_49 (B1), Vivaldi_50 (B1), Vortex_49 (B1), Wallhey_48 (B1), Waterdiva_49 (B1), Weher20_49 (B1), Windsor_48 (B1), Xavier_48 (B1), Yoshand_50 (B1), YouGoGlencoco_49 (B1), Zaider_50 (B1), Zelda_49 (B1), Zonia_49 (B1),

Start 58:
• Found in 1 of 739 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: NovoPizza_28 (Q),

Start 60:
• Found in 5 of 739 (0.7%) of genes in pham
• Manual Annotations of this start: 1 of 673
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Eish_31 (F1), Medindi_32 (F1),

Start 61:
• Found in 1 of 739 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Lemuria_29 (G4),

Start 62:
• Found in 110 of 739 (14.9%) of genes in pham
• Manual Annotations of this start: 104 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AizenPogi_28 (G1), Amochick_33 (Q), Amymech_33 (Q), Angel_28 (G1), Annihilator_28 (G1), Antsirabe_28 (G5),

Aroostook_28 (G1), AuntGwenStacy_32 (Y), Avrafan_28 (G1), AzulaCat_28 (G1), BPs_28 (G1), BQuat_28 (G1), Barkley26_28 (G1), BloominB_32 (Q), BruceB_28 (G1), CLED96_28 (G1), Camri_28 (G1), CassieYates_28 (G1), Cedasite_28 (G1), Chance64_28 (G1), Cherrybomb426_28 (G1), Coleslaw_28 (G1), Crespo_28 (G1), DMoney_28 (G1), DNAIII_0028 (G1), Daegal_34 (Q), Darionha_28 (G1), DeepSoil15_33 (Q), Dewey_32 (Q), DingDing_28 (G1), ECartman_28 (G1), Ein37_33 (Q), Evanesce_32 (Q), Faiyaz_32 (Y), ForeverHowLong_28 (G1), Forge_32 (Q), Frosty24_28 (G1), Gancho_32 (Q), Gideon_28 (G1), Giles_32 (Q), GoldenAsh_28 (G1), Gomashi_28 (G1), Gravaillia_32 (Q), Grizzly_28 (G1), HH92_32 (Q), Hadrien_33 (Q), Hail_32 (Q), Halo_28 (G1), Hilltopfarm_32 (Y), Hope_28 (G1), Hotshotbaby7_28 (G1), Jane_28 (G1), Jeilious_28 (G), Jolene_28 (G1), Jolie2_28 (G4), Jonghyun_28 (G1), JorRay_28 (G1), JustASigh_26 (AH), Kareem_28 (G1), Kasen3_28 (G1), Kinbote_33 (Q), Liefie_28 (G1), LilHazelnut_33 (Q), LouisV14_28 (G1), Luke_33 (Q), Luna22_32 (Q), MZKinsey_28 (G1), Maliketh_28 (G1), Marmie_28 (G1), Mercurio_30 (G4), Mowgli_28 (G1), Neoh_28 (G), OBUpride_33 (Q), OctaviousRex_28 (G1), Olga_28 (G1), Paito_28 (G1), Peeb_28 (G1), Periodt_28 (G1), Phish_28 (G1), Phloodle_28 (G1), Phreak_28 (G1), PinkYoshi_28 (G1), Plagueis_28 (G1), Primanti_28 (G1), Rabbs_28 (G1), Rattrick_28 (G1), Remy19_28 (G1), Renaissance_28 (G1), Richarlison_28 (G1), Ruriko_28 (G1), Schiebel_28 (G1), ShaboiShabazz_28 (G1), Sizemore_28 (G1), Sneeze_28 (G1), Stargaze_28 (G5), Sweets_28 (G1), Taheera_28 (G1), Terralys_28 (G1), Terror_28 (G1), TinaBug_28 (G1), TomBrady_28 (G1), Typha_32 (Y), Ubuntu_33 (Q), Webster2_33 (Q), Weirdo19_29 (AH), Wendigo_28 (G1), Wishmaker_32 (Q), YangYin_28 (G5), ZoMa_28 (G1), Zombie_28 (G1),

Start 73:
• Found in 63 of 739 (8.5%) of genes in pham
• Manual Annotations of this start: 55 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Arib1_27 (P1), Atcoo_27 (P1), Babsiella_27 (I1), Bartholomew_26 (P1), Bhagsy_27 (P1), Bluvara_28 (I3), Bogie_29 (P1), BronnyJr_27 (P1), Brujita_30 (I1), Brusacoram_27 (P1), Bunnies_27 (P1), Butters_27 (N), CactusJack_27 (P1), Camster_27 (P1), Chubbello_27 (P1), Donovan_27 (P1), Dynamo_27 (P1), Etoile_27 (P1), FirstPlacePfu_27 (P1), Fishburne_27 (P1), GaloreK_27 (P1), Gavriela_27 (P1), Glaske_27 (P1), GreaseLightnin_27 (P1), HC_28 (I1), HUHilltop_27 (P1), Impisi_27 (N), Island3_30 (I1), Jebeks_27 (P1), Jung_26 (P1), Juniormint_27 (P1), Kari_27 (P1), Kevin1_27 (N), KilKor_27 (P1), Ksquared_27 (P1), Langerak_27 (P1), Majeke_27 (P1), Malithi_27 (P1), Mangethe_27 (P1), Megiddo_27 (P1), Necropolis_27 (P1), PaintedDog_30 (I1), PeanutPie_27 (P1), Phalm_27 (P1), Phegasus_27 (P1), Phineas_27 (P1), Phrann_26 (N), Polkaroo_27 (P1), Pygmy_29 (P1), QueenHazel_26 (I1), Rubeelu_27 (N), Shipwreck_29 (P1), Sonah_27 (P1), StevieRay_27 (P1), StressBall_27 (P1), Stuck_26 (I2), Techage_27 (P1), Thespis_27 (P1), Venti_27 (P1), Vidya_27 (P1), Xavia_27 (P3), Xula_25 (I1), Zilizebeth_27 (P1),

Start 74:
• Found in 4 of 739 (0.5%) of genes in pham
• Manual Annotations of this start: 3 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Caterpie_40 (AD), IdentityCrisis_26 (AJ), Mao1_38 (AD), Sbash_26 (I2),

Start 76:

• Found in 1 of 739 (0.1%) of genes in pham
• Manual Annotations of this start: 1 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Indlovu_46 (B11),

Start 77:
• Found in 352 of 739 (47.6%) of genes in pham
• Manual Annotations of this start: 23 of 673
• Called 6.5% of time when present
• Phage (with cluster) where this start called: Beelzebub_60 (S), Blackbeetle_56 (S), Caprice_55 (S), Causa_56 (AI), Clarkson_57 (S), Corazon_54 (S), FeliMaine_58 (S), Gattaca_55 (S), GoongGoong_55 (S), Huphlepuff_58 (S), JoieB_57 (S), Lilbit_55 (S), LittleLaf_56 (S), Marvin_53 (S), MosMoris_54 (S), Poise_56 (S), Pringar_56 (S), Raela_56 (S), RedRaider77_55 (S), StAugustine_54 (AI), Tesla_54 (S), Thonko_47 (B8), VasuNzinga_56 (S),

Start 79:
• Found in 2 of 739 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 32HC_37 (Z), Rem711_36 (Z),

Start 99:
• Found in 4 of 739 (0.5%) of genes in pham
• Manual Annotations of this start: 3 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AmandaPanda_41 (H2), Barnyard_40 (H2), DrLupo_42 (H2), NoShow_27 (AB),

Start 106:
• Found in 21 of 739 (2.8%) of genes in pham
• Manual Annotations of this start: 19 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ariel_48 (J), BoostSeason_30 (K2), Courthouse_48 (J), DismalFunk_29 (K2), DismalStressor_29 (K2), Doughnut_30 (K2), Findley_29 (K2), Gonephishing_50 (J), Kumao_39 (singleton), Lucky2013_48 (J), Marcoliusprime_29 (K2), MiaZeal_48 (J), Milly_29 (K2), Mufasa_30 (K2), Porcelain_47 (J), Rearden_43 (J), Squint_47 (J), Strobilo_29 (K2), Superphikiman_48 (J), TM4_30 (K2), ZoeJ_29 (K2),

Start 120:
• Found in 2 of 739 (0.3%) of genes in pham
• Manual Annotations of this start: 2 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aegeus_29 (L5), Baudelaire_29 (L5),

Start 121:
• Found in 17 of 739 (2.3%) of genes in pham
• Manual Annotations of this start: 9 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Archie_28 (L2), Bazzle_28 (L2), BrainDrainer_27 (L4), Chaser_26 (L4), ChutneyChips_27 (L4), Douge_26 (L4), Douzhi_26 (L4), FarmResident_26 (L4), Finemlucis_28 (L2), Gabriela_28 (L2),

PYPDinur_26 (L4), Quby_26 (L4), Rossetti_28 (L2), Rumpelstiltskin_28 (L2), Sheng711_26 (L4), SoJulia_29 (L2), Zakai_28 (L2),

Start 124:
• Found in 30 of 739 (4.1%) of genes in pham
• Manual Annotations of this start: 17 of 673
• Called 56.7% of time when present
• Phage (with cluster) where this start called: ArcusAngelus_31 (F1), Azrael100_51 (V), Chevrolet_32 (F1), Cosmo_52 (V), EniyanLRS_49 (V), Galactic_33 (F1), Hlubikazi_32 (F1), Inventum_31 (F1), KingMidas_33 (F1), Leozinho_33 (F1), LunaBlu_34 (F1), Mandlovu_32 (F1), MaryV_52 (V), MinionDave_34 (F1), Sassafras_32 (F1), Strokeseat_32 (F1), Wildcat_52 (V),

Start 129:
• Found in 2 of 739 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 673
• Called 50.0% of time when present
• Phage (with cluster) where this start called: DS6A_31 (singleton),

Start 136:
• Found in 145 of 739 (19.6%) of genes in pham
• Manual Annotations of this start: 134 of 673
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 244_37 (E), ABCat_34 (E), Adnama_38 (E), Amao_35 (E), AmericanBeauty_37 (E), Argent26_37 (E), Asriel_34 (E), BaboJay_34 (E), BadStone_34 (E), Balomoji_34 (E), Barbarian_34 (E), Bask21_35 (E), Becksu_35 (E), Bench_37 (E), BigBubba_36 (E), BilboSwaggins_35 (E), Bogg_35 (E), Brewer_35 (E), Bruin_35 (E), Buck_34 (E), Budgie_37 (E), BugsBunny_33 (E), Cactus_36 (E), ChosenOne_35 (E), ChotaBhai_35 (E), Cjw1_35 (E), Command613_36 (E), Contagion_34 (E), Cookies_35 (E), CrystalP_35 (E), Czyszczon1_36 (E), Daikon_34 (E), DoctorDiddles_35 (E), DrDrey_36 (E), Dumbo_35 (E), Dusk_34 (E), Easy2Say_37 (E), Elite2014_34 (E), Elph10_36 (E), Emmina_36 (E), Eureka_35 (E), FairyPath_35 (E), Filch_36 (E), FireRed_35 (E), Flypotenuse_33 (E), FoghornLeghorn_34 (E), Gage_37 (E), Gator_33 (E), Gemini_38 (E), Glexan_33 (E), Goku_35 (E), GoldenSpark_37 (E), Goldilocks_36 (E), GooberAzure_37 (E), Greep_36 (E), HanKaySha_36 (E), Harella_34 (E), Henry_36 (E), Highbury_36 (E), Holt_36 (E), Hoonter_37 (E), Hopey_37 (E), HufflyPuff_34 (E), IHOP_35 (E), Icee_34 (E), Inca_34 (E), JeTaime_37 (E), Kanye_37 (E), Kimchi_37 (E), Kostya_36 (E), Lilac_37 (E), Lilizi_37 (E), Lilpickle_34 (E), Livelaughbron_36 (E), MISSy_34 (E), MPhalcon_34 (E), MadamMonkfish_35 (E), Manda_36 (E), Marshmallow_35 (E), Maxxinista_36 (E), Mindy_35 (E), Miniwave_35 (E), Misfit_35 (E), Moldemort_36 (E), MollyToe_35 (E), Mosby_34 (E), Murica_34 (E), Murphy_36 (E), Myrale_35 (E), Nala_35 (E), NelitzaMV_35 (E), Nimrod_35 (E), NoSleep_36 (E), NonchalantPear_35 (E), OrionPax_36 (E), PaddyBaddy_36 (E), Palpatine_35 (E), Paperbeatsrock_37 (E), Pat3_34 (E), Petra64142_37 (E), Phaja_35 (E), Pharsalus_36 (E), PhatBacter_35 (E), Phaux_34 (E), Phrux_35 (E), Policronamos_35 (E), Porky_35 (E), Ptowny_36 (E), Pumpkin_37 (E), Quallification_36 (E), Rakim_36 (E), Rimmer_34 (E), RiverMonster_35 (E), Saints25_36 (E), Sassay_34 (E), ShamWow_35 (E), ShereKhan_37 (E), Simpliphy_36 (E), SirDuracell_34 (E), SophKB_35 (E), Sotrice96_35 (E), Stank_38 (E), Stark_36 (E), StellaBean_35 (E), StolenFromERC_37 (E), StormChicken_35 (E), TBrady12_37 (E), Tarkin_37 (E), TeamEdward_35 (E), TeardropMSU_34 (E), Teaspoon_36 (E), Terminus_35 (E), Thimble_35 (E), Thresher_36 (E), Tomaszewski_34 (E), Toto_35 (E), Traaww1_33

(E), Tuco_36 (E), Ukulele_35 (E), Wiggin_38 (E), Willez_34 (E), Xandras_37 (E), YassJohnny_36 (E), Youngblood_35 (E), xkcd_36 (E),

Start 160:
• Found in 16 of 739 (2.2%) of genes in pham
• Manual Annotations of this start: 1 of 673
• Called 12.5% of time when present
• Phage (with cluster) where this start called: KayaCho_42 (B6), Minnow_43 (B6),

Summary by clusters:

There are 33 clusters represented in this pham: singleton, AJ, K2, AB, B11, G5, G4, G1, I1, I3, I2, P3, P1, E, AD, G, AI, AH, J, N, Q, S, L5, L2, V, Y, Z, F1, H2, L4, B6, B1, B8,

Info for manual annotations of cluster AB:
•Start number 99 was manually annotated 1 time for cluster AB.

Info for manual annotations of cluster AD:
•Start number 74 was manually annotated 1 time for cluster AD.

Info for manual annotations of cluster AH:
•Start number 62 was manually annotated 1 time for cluster AH.

Info for manual annotations of cluster AI:
•Start number 77 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster AJ:
•Start number 74 was manually annotated 1 time for cluster AJ.

Info for manual annotations of cluster B1:
•Start number 57 was manually annotated 297 times for cluster B1.

Info for manual annotations of cluster B11:
•Start number 76 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B6:
•Start number 160 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B8:
•Start number 77 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster E:
•Start number 136 was manually annotated 134 times for cluster E.

Info for manual annotations of cluster F1:
•Start number 60 was manually annotated 1 time for cluster F1.
•Start number 124 was manually annotated 12 times for cluster F1.

Info for manual annotations of cluster G:
•Start number 62 was manually annotated 2 times for cluster G.

Info for manual annotations of cluster G1:

•Start number 62 was manually annotated 70 times for cluster G1.

Info for manual annotations of cluster G4:
•Start number 61 was manually annotated 1 time for cluster G4.
•Start number 62 was manually annotated 1 time for cluster G4.

Info for manual annotations of cluster G5:
•Start number 62 was manually annotated 3 times for cluster G5.

Info for manual annotations of cluster H2:
•Start number 99 was manually annotated 2 times for cluster H2.

Info for manual annotations of cluster I1:
•Start number 73 was manually annotated 6 times for cluster I1.

Info for manual annotations of cluster I2:
•Start number 73 was manually annotated 1 time for cluster I2.
•Start number 74 was manually annotated 1 time for cluster I2.

Info for manual annotations of cluster J:
•Start number 106 was manually annotated 7 times for cluster J.

Info for manual annotations of cluster K2:
•Start number 106 was manually annotated 11 times for cluster K2.

Info for manual annotations of cluster L2:
•Start number 121 was manually annotated 6 times for cluster L2.

Info for manual annotations of cluster L4:
•Start number 121 was manually annotated 3 times for cluster L4.

Info for manual annotations of cluster L5:
•Start number 120 was manually annotated 2 times for cluster L5.

Info for manual annotations of cluster N:
•Start number 73 was manually annotated 4 times for cluster N.

Info for manual annotations of cluster P1:
•Start number 73 was manually annotated 43 times for cluster P1.

Info for manual annotations of cluster P3:
•Start number 73 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster Q:
•Start number 58 was manually annotated 1 time for cluster Q.
•Start number 62 was manually annotated 23 times for cluster Q.

Info for manual annotations of cluster S:
•Start number 77 was manually annotated 20 times for cluster S.

Info for manual annotations of cluster V:
•Start number 124 was manually annotated 5 times for cluster V.

Info for manual annotations of cluster Y:
•Start number 62 was manually annotated 4 times for cluster Y.

Info for manual annotations of cluster Z:
•Start number 79 was manually annotated 1 time for cluster Z.

Gene Information:

Gene: 244_37 Start: 32138, Stop: 32995, Start Num: 136
Candidate Starts for 244_37:
(Start: 136 @32138 has 134 MA's), (146, 32177), (151, 32207), (156, 32228), (165, 32264), (173, 32294), (193, 32369), (208, 32417), (209, 32420), (215, 32444), (216, 32447), (223, 32462), (267, 32633), (303, 32747), (308, 32762), (310, 32768), (327, 32810), (329, 32813), (356, 32867), (381, 32945), (391, 32978),

Gene: 32HC_37 Start: 28787, Stop: 29938, Start Num: 79
Candidate Starts for 32HC_37:
(46, 28550), (Start: 79 @28787 has 1 MA's), (85, 28823), (87, 28826), (183, 29120), (203, 29195), (214, 29231), (220, 29243), (238, 29306), (274, 29438), (290, 29492), (303, 29534), (336, 29630), (345, 29654), (351, 29681), (354, 29690), (356, 29696), (398, 29834), (405, 29864), (409, 29885), (420, 29930),

Gene: ABCat_34 Start: 31850, Stop: 32707, Start Num: 136
Candidate Starts for ABCat_34:
(Start: 136 @31850 has 134 MA's), (146, 31889), (151, 31919), (156, 31940), (165, 31976), (173, 32006), (193, 32081), (208, 32129), (209, 32132), (215, 32156), (216, 32159), (223, 32174), (267, 32345), (303, 32459), (308, 32474), (310, 32480), (327, 32522), (329, 32525), (356, 32579), (381, 32657), (391, 32690),

Gene: ABU_50 Start: 41835, Stop: 43190, Start Num: 57
Candidate Starts for ABU_50:
(Start: 57 @41835 has 297 MA's), (69, 41886), (Start: 77 @41919 has 23 MA's), (112, 42048), (114, 42051), (119, 42066), (148, 42162), (156, 42201), (163, 42231), (172, 42267), (203, 42378), (212, 42408), (213, 42411), (235, 42477), (281, 42636), (290, 42684), (296, 42702), (310, 42750), (352, 42894), (369, 42954), (396, 43059), (416, 43146),

Gene: AbsoluteMadLad_48 Start: 41712, Stop: 43067, Start Num: 57
Candidate Starts for AbsoluteMadLad_48:
(Start: 57 @41712 has 297 MA's), (69, 41763), (Start: 77 @41796 has 23 MA's), (82, 41814), (112, 41925), (114, 41928), (119, 41943), (148, 42039), (156, 42078), (163, 42108), (172, 42144), (203, 42255), (212, 42285), (213, 42288), (235, 42354), (281, 42513), (290, 42561), (296, 42579), (310, 42627), (352, 42771), (369, 42831), (396, 42936), (408, 42990), (416, 43023),

Gene: Adnama_38 Start: 32365, Stop: 33222, Start Num: 136
Candidate Starts for Adnama_38:
(Start: 136 @32365 has 134 MA's), (146, 32404), (151, 32434), (156, 32455), (165, 32491), (173, 32521), (193, 32596), (208, 32644), (209, 32647), (215, 32671), (216, 32674), (223, 32689), (267, 32860), (303, 32974), (308, 32989), (310, 32995), (327, 33037), (329, 33040), (356, 33094), (381, 33172), (391, 33205),

Gene: Adriana_50 Start: 41833, Stop: 43188, Start Num: 57
Candidate Starts for Adriana_50:
(Start: 57 @41833 has 297 MA's), (69, 41884), (Start: 77 @41917 has 23 MA's), (112, 42046), (114, 42049), (119, 42064), (148, 42160), (156, 42199), (163, 42229), (172, 42265), (203, 42376), (212, 42406), (213, 42409), (235, 42475), (281, 42634), (290, 42682), (296, 42700), (310, 42748), (352, 42892), (369, 42952), (396, 43057), (416, 43144),

Gene: Aegeus_29 Start: 25621, Stop: 26718, Start Num: 120
Candidate Starts for Aegeus_29:
(Start: 120 @25621 has 2 MA's), (131, 25648), (145, 25693), (158, 25756), (185, 25852), (186, 25861), (200, 25915), (211, 25954), (237, 26035), (240, 26041), (253, 26086), (256, 26092), (268, 26155), (270, 26173), (275, 26179), (278, 26185), (289, 26230), (295, 26257), (332, 26374), (349, 26398), (363, 26449), (370, 26470), (376, 26488), (396, 26575), (403, 26599), (419, 26680), (423, 26707),

Gene: Aelin_48 Start: 41276, Stop: 42631, Start Num: 57
Candidate Starts for Aelin_48:
(Start: 57 @41276 has 297 MA's), (69, 41327), (Start: 77 @41360 has 23 MA's), (112, 41489), (114, 41492), (119, 41507), (148, 41603), (156, 41642), (163, 41672), (172, 41708), (192, 41783), (203, 41819), (212, 41849), (213, 41852), (235, 41918), (281, 42077), (290, 42125), (296, 42143), (310, 42191), (352, 42335), (369, 42395), (396, 42500), (416, 42587),

Gene: AizenPogi_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for AizenPogi_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (290, 26011), (297, 26032), (308, 26071), (310, 26077),

Gene: Aleia_49 Start: 41269, Stop: 42624, Start Num: 57
Candidate Starts for Aleia_49:
(Start: 57 @41269 has 297 MA's), (69, 41320), (Start: 77 @41353 has 23 MA's), (82, 41371), (112, 41482), (114, 41485), (119, 41500), (148, 41596), (156, 41635), (163, 41665), (172, 41701), (203, 41812), (212, 41842), (213, 41845), (235, 41911), (281, 42070), (290, 42118), (296, 42136), (310, 42184), (352, 42328), (369, 42388), (396, 42493), (408, 42547), (416, 42580),

Gene: AltPhacts_49 Start: 41685, Stop: 43040, Start Num: 57
Candidate Starts for AltPhacts_49:
(Start: 57 @41685 has 297 MA's), (69, 41736), (Start: 77 @41769 has 23 MA's), (82, 41787), (112, 41898), (114, 41901), (119, 41916), (148, 42012), (156, 42051), (163, 42081), (172, 42117), (203, 42228), (212, 42258), (213, 42261), (235, 42327), (281, 42486), (290, 42534), (296, 42552), (310, 42600), (352, 42744), (369, 42804), (396, 42909), (416, 42996),

Gene: Altwerkus_48 Start: 41391, Stop: 42746, Start Num: 57
Candidate Starts for Altwerkus_48:
(Start: 57 @41391 has 297 MA's), (69, 41442), (Start: 77 @41475 has 23 MA's), (112, 41604), (114, 41607), (119, 41622), (148, 41718), (156, 41757), (163, 41787), (172, 41823), (203, 41934), (212, 41964), (213, 41967), (235, 42033), (281, 42192), (290, 42240), (296, 42258), (310, 42306), (352, 42450), (369, 42510), (396, 42615), (416, 42702),

Gene: AmandaPanda_41 Start: 32782, Stop: 33864, Start Num: 99
Candidate Starts for AmandaPanda_41:
(Start: 99 @32782 has 3 MA's), (150, 32974), (Start: 160 @33019 has 1 MA's), (177, 33076), (191, 33130), (207, 33172), (211, 33190), (220, 33208), (225, 33223), (245, 33286), (255, 33319), (257, 33325), (264, 33376), (266, 33379), (300, 33493), (302, 33502), (305, 33511), (364, 33661), (374,

33688), (378, 33703), (389, 33733), (402, 33784), (412, 33838),

Gene: Amao_35 Start: 31062, Stop: 31919, Start Num: 136
Candidate Starts for Amao_35:
(Start: 136 @31062 has 134 MA's), (146, 31101), (151, 31131), (156, 31152), (165, 31188), (173, 31218), (193, 31293), (208, 31341), (209, 31344), (215, 31368), (216, 31371), (223, 31386), (267, 31557), (303, 31671), (308, 31686), (310, 31692), (327, 31734), (329, 31737), (356, 31791), (381, 31869), (391, 31902),

Gene: AmericanBeauty_37 Start: 31845, Stop: 32702, Start Num: 136
Candidate Starts for AmericanBeauty_37:
(Start: 136 @31845 has 134 MA's), (146, 31884), (151, 31914), (156, 31935), (165, 31971), (173, 32001), (193, 32076), (208, 32124), (209, 32127), (215, 32151), (216, 32154), (223, 32169), (267, 32340), (303, 32454), (308, 32469), (310, 32475), (327, 32517), (329, 32520), (356, 32574), (381, 32652), (391, 32685),

Gene: Amochick_33 Start: 28345, Stop: 29580, Start Num: 62
Candidate Starts for Amochick_33:
(Start: 62 @28345 has 104 MA's), (81, 28438), (83, 28450), (85, 28471), (90, 28483), (96, 28495), (97, 28498), (119, 28579), (128, 28612), (148, 28672), (156, 28711), (158, 28720), (159, 28723), (163, 28741), (172, 28777), (187, 28825), (189, 28837), (191, 28843), (209, 28906), (210, 28909), (218, 28936), (224, 28948), (241, 29005), (254, 29050), (281, 29137), (284, 29149), (290, 29176), (297, 29197), (301, 29212), (326, 29266), (339, 29296), (356, 29329), (363, 29338), (366, 29344), (372, 29356), (375, 29365), (395, 29428), (408, 29497), (415, 29524),

Gene: Amymech_33 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Amymech_33:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Anderson_49 Start: 41690, Stop: 43045, Start Num: 57
Candidate Starts for Anderson_49:
(Start: 57 @41690 has 297 MA's), (69, 41741), (Start: 77 @41774 has 23 MA's), (112, 41903), (114, 41906), (119, 41921), (148, 42017), (156, 42056), (163, 42086), (172, 42122), (203, 42233), (212, 42263), (213, 42266), (235, 42332), (281, 42491), (290, 42539), (296, 42557), (310, 42605), (352, 42749), (369, 42809), (396, 42914), (416, 43001),

Gene: Andre_50 Start: 41827, Stop: 43182, Start Num: 57
Candidate Starts for Andre_50:
(Start: 57 @41827 has 297 MA's), (69, 41878), (Start: 77 @41911 has 23 MA's), (112, 42040), (114, 42043), (119, 42058), (148, 42154), (156, 42193), (163, 42223), (172, 42259), (203, 42370), (212, 42400), (213, 42403), (235, 42469), (281, 42628), (290, 42676), (296, 42694), (310, 42742), (352, 42886), (369, 42946), (396, 43051), (416, 43138),

Gene: Angel_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Angel_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (Start: 160 @25567 has 1 MA's), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032),

(310, 26077), (313, 26080), (339, 26131),

Gene: AngelCake_49 Start: 41712, Stop: 43067, Start Num: 57
Candidate Starts for AngelCake_49:
(Start: 57 @41712 has 297 MA's), (69, 41763), (Start: 77 @41796 has 23 MA's), (112, 41925), (114, 41928), (119, 41943), (148, 42039), (156, 42078), (163, 42108), (172, 42144), (203, 42255), (212, 42285), (213, 42288), (235, 42354), (281, 42513), (290, 42561), (296, 42579), (310, 42627), (352, 42771), (369, 42831), (396, 42936), (416, 43023),

Gene: Annihilator_28 Start: 25192, Stop: 26400, Start Num: 62
Candidate Starts for Annihilator_28:
(48, 25099), (Start: 62 @25192 has 104 MA's), (108, 25366), (125, 25438), (156, 25537), (158, 25546), (164, 25570), (167, 25579), (172, 25603), (181, 25624), (187, 25651), (189, 25663), (210, 25735), (224, 25774), (281, 25963), (288, 25987), (290, 26002), (297, 26023), (310, 26068), (313, 26071), (339, 26122),

Gene: Antonia_48 Start: 41276, Stop: 42631, Start Num: 57
Candidate Starts for Antonia_48:
(Start: 57 @41276 has 297 MA's), (69, 41327), (Start: 77 @41360 has 23 MA's), (112, 41489), (114, 41492), (119, 41507), (148, 41603), (156, 41642), (163, 41672), (172, 41708), (192, 41783), (203, 41819), (212, 41849), (213, 41852), (235, 41918), (281, 42077), (290, 42125), (296, 42143), (310, 42191), (352, 42335), (369, 42395), (396, 42500), (416, 42587),

Gene: Antsirabe_28 Start: 26892, Stop: 28115, Start Num: 62
Candidate Starts for Antsirabe_28:
(Start: 62 @26892 has 104 MA's), (108, 27066), (114, 27096), (125, 27138), (148, 27210), (156, 27249), (167, 27291), (172, 27315), (187, 27363), (192, 27387), (204, 27426), (210, 27447), (224, 27486), (228, 27504), (248, 27564), (281, 27675), (290, 27714), (297, 27735), (313, 27783), (382, 27927), (417, 28077),

Gene: Aonishiki_49 Start: 41733, Stop: 43088, Start Num: 57
Candidate Starts for Aonishiki_49:
(Start: 57 @41733 has 297 MA's), (69, 41784), (Start: 77 @41817 has 23 MA's), (112, 41946), (114, 41949), (119, 41964), (148, 42060), (156, 42099), (163, 42129), (172, 42165), (203, 42276), (212, 42306), (213, 42309), (235, 42375), (281, 42534), (290, 42582), (296, 42600), (310, 42648), (352, 42792), (369, 42852), (396, 42957), (416, 43044),

Gene: Apizium_49 Start: 41591, Stop: 42946, Start Num: 57
Candidate Starts for Apizium_49:
(Start: 57 @41591 has 297 MA's), (69, 41642), (Start: 77 @41675 has 23 MA's), (112, 41804), (114, 41807), (119, 41822), (148, 41918), (156, 41957), (163, 41987), (172, 42023), (203, 42134), (212, 42164), (213, 42167), (235, 42233), (281, 42392), (290, 42440), (296, 42458), (310, 42506), (352, 42650), (369, 42710), (396, 42815), (416, 42902),

Gene: Archie_28 Start: 26734, Stop: 27762, Start Num: 121
Candidate Starts for Archie_28:
(Start: 121 @26734 has 9 MA's), (164, 26878), (166, 26884), (196, 26998), (198, 27004), (205, 27022), (231, 27097), (249, 27154), (273, 27265), (277, 27271), (280, 27280), (282, 27283), (284, 27298), (304, 27373), (346, 27502), (353, 27529), (361, 27556), (366, 27571), (371, 27583), (389, 27649), (397, 27685),

Gene: ArcusAngelus_31 Start: 28050, Stop: 29066, Start Num: 124
Candidate Starts for ArcusAngelus_31:

(68, 27819), (70, 27822), (78, 27870), (113, 28005), (117, 28014), (Start: 124 @28050 has 17 MA's), (158, 28182), (163, 28203), (169, 28224), (180, 28254), (184, 28266), (192, 28308), (208, 28359), (249, 28470), (276, 28584), (283, 28602), (291, 28641), (299, 28665), (310, 28701), (320, 28728), (331, 28767), (365, 28875), (380, 28923), (384, 28935), (395, 28980), (397, 28992), (404, 29022),

Gene: Argent26_37 Start: 31848, Stop: 32705, Start Num: 136
Candidate Starts for Argent26_37:
(Start: 136 @31848 has 134 MA's), (146, 31887), (151, 31917), (156, 31938), (165, 31974), (173, 32004), (193, 32079), (208, 32127), (209, 32130), (215, 32154), (216, 32157), (223, 32172), (267, 32343), (303, 32457), (308, 32472), (310, 32478), (327, 32520), (329, 32523), (356, 32577), (381, 32655), (391, 32688),

Gene: Arib1_27 Start: 24058, Stop: 25224, Start Num: 73
Candidate Starts for Arib1_27:
(Start: 73 @24058 has 55 MA's), (87, 24115), (114, 24202), (126, 24247), (148, 24322), (152, 24343), (172, 24427), (185, 24466), (203, 24532), (212, 24562), (222, 24583), (235, 24628), (261, 24724), (271, 24763), (281, 24778), (290, 24817), (321, 24904), (332, 24922), (335, 24928), (356, 24976), (369, 24997), (393, 25069), (408, 25144),

Gene: Ariel_48 Start: 38682, Stop: 39686, Start Num: 106
Candidate Starts for Ariel_48:
(Start: 106 @38682 has 19 MA's), (118, 38736), (135, 38787), (153, 38859), (174, 38934), (206, 39048), (208, 39060), (221, 39093), (243, 39162), (247, 39174), (250, 39186), (251, 39189), (259, 39234), (263, 39252), (311, 39414), (316, 39429), (320, 39438), (416, 39639),

Gene: Aroostook_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Aroostook_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (290, 26011), (297, 26032), (308, 26071), (310, 26077),

Gene: Ashraf_49 Start: 41392, Stop: 42747, Start Num: 57
Candidate Starts for Ashraf_49:
(Start: 57 @41392 has 297 MA's), (69, 41443), (Start: 77 @41476 has 23 MA's), (112, 41605), (114, 41608), (119, 41623), (148, 41719), (156, 41758), (163, 41788), (172, 41824), (203, 41935), (212, 41965), (213, 41968), (235, 42034), (281, 42193), (290, 42241), (296, 42259), (310, 42307), (352, 42451), (369, 42511), (396, 42616), (416, 42703),

Gene: Asriel_34 Start: 30719, Stop: 31576, Start Num: 136
Candidate Starts for Asriel_34:
(Start: 136 @30719 has 134 MA's), (146, 30758), (151, 30788), (156, 30809), (165, 30845), (173, 30875), (193, 30950), (208, 30998), (209, 31001), (215, 31025), (216, 31028), (223, 31043), (267, 31214), (303, 31328), (308, 31343), (310, 31349), (327, 31391), (329, 31394), (356, 31448), (381, 31526), (391, 31559),

Gene: Atcoo_27 Start: 24541, Stop: 25707, Start Num: 73
Candidate Starts for Atcoo_27:
(9, 23575), (14, 23698), (15, 23788), (35, 24055), (39, 24160), (Start: 73 @24541 has 55 MA's), (75, 24550), (85, 24595), (87, 24598), (114, 24685), (126, 24730), (148, 24805), (152, 24826), (156, 24844), (172, 24910), (185, 24949), (203, 25015), (212, 25045), (222, 25066), (235, 25111), (261, 25207), (271, 25246), (281, 25261), (290, 25300), (320, 25384), (321, 25387), (332, 25405), (335, 25411), (356, 25459), (377, 25504), (393, 25552), (408, 25627),

Gene: AuntGwenStacy_32 Start: 29089, Stop: 30312, Start Num: 62
Candidate Starts for AuntGwenStacy_32:
(Start: 62 @29089 has 104 MA's), (82, 29185), (85, 29209), (97, 29236), (108, 29269), (114, 29299), (148, 29404), (156, 29443), (158, 29452), (164, 29476), (172, 29509), (187, 29557), (189, 29569), (210, 29641), (228, 29698), (255, 29785), (281, 29872), (284, 29884), (290, 29911), (296, 29929), (297, 29932), (299, 29941), (339, 30031), (386, 30136), (407, 30223), (408, 30232),

Gene: Avrafan_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Avrafan_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Azrael100_51 Start: 38380, Stop: 39345, Start Num: 124
Candidate Starts for Azrael100_51:
(Start: 124 @38380 has 17 MA's), (143, 38443), (157, 38503), (163, 38518), (164, 38521), (168, 38533), (169, 38539), (186, 38575), (187, 38578), (208, 38650), (213, 38665), (219, 38671), (239, 38734), (249, 38764), (258, 38797), (273, 38860), (276, 38863), (286, 38902), (297, 38935), (304, 38962), (307, 38971), (320, 39004), (361, 39139), (366, 39154), (380, 39199), (391, 39241), (397, 39268), (407, 39310),

Gene: AzulaCat_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for AzulaCat_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Azuria_48 Start: 41724, Stop: 43082, Start Num: 57
Candidate Starts for Azuria_48:
(Start: 57 @41724 has 297 MA's), (69, 41775), (Start: 77 @41808 has 23 MA's), (112, 41937), (114, 41940), (119, 41955), (148, 42051), (156, 42090), (163, 42120), (172, 42156), (203, 42267), (212, 42297), (213, 42300), (235, 42366), (281, 42525), (290, 42573), (296, 42591), (310, 42639), (352, 42786), (369, 42846), (396, 42951), (416, 43038),

Gene: BPs_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for BPs_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: BQuat_28 Start: 25192, Stop: 26400, Start Num: 62
Candidate Starts for BQuat_28:
(48, 25099), (Start: 62 @25192 has 104 MA's), (108, 25366), (125, 25438), (156, 25537), (158, 25546), (164, 25570), (167, 25579), (172, 25603), (181, 25624), (187, 25651), (189, 25663), (210, 25735), (224, 25774), (281, 25963), (288, 25987), (290, 26002), (297, 26023), (310, 26068), (313, 26071), (339, 26122),

Gene: BaboJay_34 Start: 31408, Stop: 32265, Start Num: 136
Candidate Starts for BaboJay_34:

(Start: 136 @31408 has 134 MA's), (146, 31447), (151, 31477), (156, 31498), (165, 31534), (173, 31564), (193, 31639), (208, 31687), (209, 31690), (215, 31714), (216, 31717), (223, 31732), (267, 31903), (303, 32017), (308, 32032), (310, 32038), (327, 32080), (329, 32083), (356, 32137), (381, 32215), (391, 32248),

Gene: Babsiella_27 Start: 24108, Stop: 25286, Start Num: 73
Candidate Starts for Babsiella_27:
(Start: 73 @24108 has 55 MA's), (84, 24150), (114, 24255), (126, 24309), (148, 24384), (152, 24405), (172, 24489), (185, 24528), (203, 24594), (212, 24624), (222, 24645), (235, 24690), (261, 24786), (271, 24825), (281, 24840), (290, 24879), (321, 24966), (332, 24984), (335, 24990), (356, 25038), (369, 25059), (393, 25131), (408, 25206), (419, 25248), (422, 25269), (423, 25275),

Gene: BadStone_34 Start: 31850, Stop: 32707, Start Num: 136
Candidate Starts for BadStone_34:
(Start: 136 @31850 has 134 MA's), (146, 31889), (151, 31919), (156, 31940), (165, 31976), (173, 32006), (193, 32081), (208, 32129), (209, 32132), (215, 32156), (216, 32159), (223, 32174), (267, 32345), (303, 32459), (308, 32474), (310, 32480), (327, 32522), (329, 32525), (356, 32579), (381, 32657), (391, 32690),

Gene: Badfish_50 Start: 41858, Stop: 43213, Start Num: 57
Candidate Starts for Badfish_50:
(Start: 57 @41858 has 297 MA's), (69, 41909), (Start: 77 @41942 has 23 MA's), (82, 41960), (112, 42071), (114, 42074), (119, 42089), (148, 42185), (156, 42224), (163, 42254), (172, 42290), (203, 42401), (212, 42431), (213, 42434), (235, 42500), (281, 42659), (290, 42707), (296, 42725), (310, 42773), (352, 42917), (369, 42977), (396, 43082), (416, 43169),

Gene: Balomoji_34 Start: 31584, Stop: 32441, Start Num: 136
Candidate Starts for Balomoji_34:
(Start: 136 @31584 has 134 MA's), (146, 31623), (151, 31653), (156, 31674), (165, 31710), (173, 31740), (193, 31815), (208, 31863), (209, 31866), (215, 31890), (216, 31893), (223, 31908), (267, 32079), (303, 32193), (308, 32208), (310, 32214), (327, 32256), (329, 32259), (356, 32313), (381, 32391), (391, 32424),

Gene: Banjo_48 Start: 41389, Stop: 42744, Start Num: 57
Candidate Starts for Banjo_48:
(Start: 57 @41389 has 297 MA's), (69, 41440), (Start: 77 @41473 has 23 MA's), (112, 41602), (114, 41605), (119, 41620), (148, 41716), (156, 41755), (163, 41785), (172, 41821), (203, 41932), (212, 41962), (213, 41965), (235, 42031), (281, 42190), (290, 42238), (296, 42256), (310, 42304), (352, 42448), (369, 42508), (396, 42613), (416, 42700),

Gene: Barbarian_34 Start: 30719, Stop: 31576, Start Num: 136
Candidate Starts for Barbarian_34:
(Start: 136 @30719 has 134 MA's), (146, 30758), (151, 30788), (156, 30809), (165, 30845), (173, 30875), (193, 30950), (208, 30998), (209, 31001), (215, 31025), (216, 31028), (223, 31043), (267, 31214), (303, 31328), (308, 31343), (310, 31349), (327, 31391), (329, 31394), (356, 31448), (381, 31526), (391, 31559),

Gene: Barkley26_28 Start: 25223, Stop: 26431, Start Num: 62
Candidate Starts for Barkley26_28:
(37, 24851), (45, 25079), (48, 25130), (Start: 62 @25223 has 104 MA's), (108, 25397), (125, 25469), (156, 25568), (158, 25577), (Start: 160 @25589 has 1 MA's), (164, 25601), (167, 25610), (172, 25634), (181, 25655), (187, 25682), (189, 25694), (210, 25766), (224, 25805), (281, 25994), (288, 26018), (290, 26033), (297, 26054), (310, 26099), (313, 26102), (339, 26153),

Gene: Barnyard_40 Start: 32393, Stop: 33475, Start Num: 99
Candidate Starts for Barnyard_40:
(Start: 99 @32393 has 3 MA's), (177, 32687), (179, 32693), (185, 32711), (186, 32720), (207, 32783), (220, 32819), (226, 32837), (227, 32843), (255, 32930), (257, 32936), (281, 33032), (300, 33104), (304, 33119), (394, 33359), (396, 33377), (397, 33380), (402, 33395), (406, 33416),

Gene: Bartholomew_26 Start: 24052, Stop: 25218, Start Num: 73
Candidate Starts for Bartholomew_26:
(Start: 73 @24052 has 55 MA's), (87, 24109), (114, 24196), (126, 24241), (148, 24316), (152, 24337), (172, 24421), (185, 24460), (203, 24526), (212, 24556), (222, 24577), (235, 24622), (261, 24718), (271, 24757), (281, 24772), (284, 24784), (290, 24811), (321, 24898), (332, 24916), (335, 24922), (356, 24970), (369, 24991), (393, 25063), (408, 25138),

Gene: Basato_50 Start: 41974, Stop: 43329, Start Num: 57
Candidate Starts for Basato_50:
(Start: 57 @41974 has 297 MA's), (69, 42025), (Start: 77 @42058 has 23 MA's), (112, 42187), (114, 42190), (119, 42205), (148, 42301), (156, 42340), (163, 42370), (172, 42406), (203, 42517), (212, 42547), (213, 42550), (235, 42616), (281, 42775), (290, 42823), (296, 42841), (310, 42889), (352, 43033), (369, 43093), (396, 43198), (416, 43285),

Gene: Bask21_35 Start: 31036, Stop: 31893, Start Num: 136
Candidate Starts for Bask21_35:
(Start: 136 @31036 has 134 MA's), (146, 31075), (151, 31105), (156, 31126), (165, 31162), (173, 31192), (193, 31267), (208, 31315), (209, 31318), (215, 31342), (216, 31345), (223, 31360), (267, 31531), (303, 31645), (308, 31660), (310, 31666), (327, 31708), (329, 31711), (356, 31765), (381, 31843), (391, 31876),

Gene: BatteryCK_48 Start: 41332, Stop: 42687, Start Num: 57
Candidate Starts for BatteryCK_48:
(Start: 57 @41332 has 297 MA's), (69, 41383), (Start: 77 @41416 has 23 MA's), (112, 41545), (114, 41548), (119, 41563), (148, 41659), (156, 41698), (163, 41728), (172, 41764), (203, 41875), (212, 41905), (213, 41908), (235, 41974), (281, 42133), (290, 42181), (296, 42199), (310, 42247), (352, 42391), (369, 42451), (396, 42556), (416, 42643),

Gene: Baudelaire_29 Start: 25621, Stop: 26718, Start Num: 120
Candidate Starts for Baudelaire_29:
(Start: 120 @25621 has 2 MA's), (131, 25648), (145, 25693), (158, 25756), (185, 25852), (186, 25861), (200, 25915), (211, 25954), (237, 26035), (240, 26041), (253, 26086), (256, 26092), (268, 26155), (270, 26173), (275, 26179), (278, 26185), (289, 26230), (295, 26257), (332, 26374), (349, 26398), (363, 26449), (370, 26470), (376, 26488), (396, 26575), (403, 26599), (419, 26680), (423, 26707),

Gene: Bazzle_28 Start: 26483, Stop: 27511, Start Num: 121
Candidate Starts for Bazzle_28:
(Start: 121 @26483 has 9 MA's), (164, 26627), (166, 26633), (196, 26747), (198, 26753), (205, 26771), (231, 26846), (249, 26903), (273, 27014), (277, 27020), (280, 27029), (282, 27032), (284, 27047), (304, 27122), (346, 27251), (353, 27278), (361, 27305), (366, 27320), (371, 27332), (389, 27398), (397, 27434),

Gene: Beaglebox_48 Start: 41410, Stop: 42765, Start Num: 57
Candidate Starts for Beaglebox_48:
(Start: 57 @41410 has 297 MA's), (69, 41461), (Start: 77 @41494 has 23 MA's), (112, 41623), (114, 41626), (119, 41641), (148, 41737), (156, 41776), (163, 41806), (172, 41842), (203, 41953), (212,

41983), (213, 41986), (235, 42052), (281, 42211), (290, 42259), (296, 42277), (310, 42325), (352, 42469), (369, 42529), (396, 42634), (416, 42721),

Gene: Becksu_35 Start: 32041, Stop: 32898, Start Num: 136
Candidate Starts for Becksu_35:
(Start: 136 @32041 has 134 MA's), (146, 32080), (151, 32110), (156, 32131), (165, 32167), (173, 32197), (193, 32272), (208, 32320), (209, 32323), (215, 32347), (216, 32350), (223, 32365), (267, 32536), (299, 32635), (303, 32650), (308, 32665), (310, 32671), (327, 32713), (329, 32716), (356, 32770), (381, 32848), (391, 32881),

Gene: Beelzebub_60 Start: 32626, Stop: 33780, Start Num: 77
Candidate Starts for Beelzebub_60:
(Start: 77 @32626 has 23 MA's), (86, 32677), (95, 32698), (109, 32743), (111, 32755), (119, 32770), (134, 32818), (147, 32863), (149, 32875), (155, 32905), (174, 32974), (188, 33025), (197, 33058), (203, 33076), (208, 33094), (209, 33097), (214, 33112), (218, 33121), (230, 33154), (246, 33205), (251, 33223), (287, 33349), (294, 33382), (298, 33394), (303, 33412), (313, 33445), (337, 33487), (340, 33496), (343, 33502), (350, 33520), (356, 33535), (377, 33589), (388, 33634), (392, 33646), (410, 33733), (420, 33772),

Gene: Bench_37 Start: 31718, Stop: 32575, Start Num: 136
Candidate Starts for Bench_37:
(Start: 136 @31718 has 134 MA's), (146, 31757), (151, 31787), (156, 31808), (165, 31844), (173, 31874), (193, 31949), (208, 31997), (209, 32000), (215, 32024), (216, 32027), (223, 32042), (267, 32213), (303, 32327), (308, 32342), (310, 32348), (327, 32390), (329, 32393), (356, 32447), (381, 32525), (391, 32558),

Gene: Bhagsy_27 Start: 24053, Stop: 25219, Start Num: 73
Candidate Starts for Bhagsy_27:
(14, 23210), (15, 23300), (24, 23471), (35, 23567), (39, 23672), (Start: 73 @24053 has 55 MA's), (75, 24062), (85, 24107), (87, 24110), (114, 24197), (126, 24242), (148, 24317), (152, 24338), (156, 24356), (172, 24422), (185, 24461), (203, 24527), (212, 24557), (222, 24578), (235, 24623), (261, 24719), (271, 24758), (281, 24773), (290, 24812), (321, 24899), (332, 24917), (335, 24923), (356, 24971), (393, 25064), (408, 25139),

Gene: BigBubba_36 Start: 31621, Stop: 32478, Start Num: 136
Candidate Starts for BigBubba_36:
(Start: 136 @31621 has 134 MA's), (146, 31660), (151, 31690), (156, 31711), (165, 31747), (173, 31777), (193, 31852), (208, 31900), (209, 31903), (215, 31927), (216, 31930), (223, 31945), (267, 32116), (303, 32230), (308, 32245), (310, 32251), (327, 32293), (329, 32296), (356, 32350), (381, 32428), (391, 32461),

Gene: BilboSwaggins_35 Start: 31858, Stop: 32715, Start Num: 136
Candidate Starts for BilboSwaggins_35:
(Start: 136 @31858 has 134 MA's), (146, 31897), (151, 31927), (156, 31948), (165, 31984), (173, 32014), (193, 32089), (208, 32137), (209, 32140), (215, 32164), (216, 32167), (223, 32182), (267, 32353), (299, 32452), (303, 32467), (308, 32482), (310, 32488), (327, 32530), (329, 32533), (356, 32587), (381, 32665), (391, 32698),

Gene: Bishoperium_48 Start: 41404, Stop: 42759, Start Num: 57
Candidate Starts for Bishoperium_48:
(Start: 57 @41404 has 297 MA's), (69, 41455), (Start: 77 @41488 has 23 MA's), (112, 41617), (114, 41620), (119, 41635), (148, 41731), (156, 41770), (163, 41800), (172, 41836), (203, 41947), (212, 41977), (213, 41980), (235, 42046), (281, 42205), (290, 42253), (296, 42271), (310, 42319), (352,

42463), (369, 42523), (396, 42628), (416, 42715),

Gene: BlackStallion_50 Start: 41843, Stop: 43219, Start Num: 57
Candidate Starts for BlackStallion_50:
(Start: 57 @41843 has 297 MA's), (69, 41894), (Start: 77 @41927 has 23 MA's), (112, 42056), (114, 42059), (119, 42074), (148, 42170), (156, 42209), (163, 42239), (172, 42275), (203, 42386), (212, 42416), (213, 42419), (235, 42485), (281, 42644), (290, 42692), (296, 42710), (310, 42758), (352, 42923), (369, 42983), (396, 43088), (416, 43175),

Gene: Blackbeetle_56 Start: 31672, Stop: 32826, Start Num: 77
Candidate Starts for Blackbeetle_56:
(Start: 77 @31672 has 23 MA's), (86, 31723), (95, 31744), (109, 31789), (111, 31801), (119, 31816), (134, 31864), (147, 31909), (149, 31921), (155, 31951), (174, 32020), (188, 32071), (197, 32104), (203, 32122), (208, 32140), (209, 32143), (214, 32158), (218, 32167), (230, 32200), (246, 32251), (251, 32269), (287, 32395), (294, 32428), (298, 32440), (303, 32458), (313, 32491), (337, 32533), (340, 32542), (343, 32548), (350, 32566), (356, 32581), (377, 32635), (388, 32680), (392, 32692), (410, 32779), (420, 32818),

Gene: BlacksBerry_48 Start: 41425, Stop: 42780, Start Num: 57
Candidate Starts for BlacksBerry_48:
(Start: 57 @41425 has 297 MA's), (69, 41476), (Start: 77 @41509 has 23 MA's), (112, 41638), (114, 41641), (119, 41656), (148, 41752), (156, 41791), (163, 41821), (172, 41857), (203, 41968), (212, 41998), (213, 42001), (235, 42067), (281, 42226), (290, 42274), (296, 42292), (310, 42340), (352, 42484), (369, 42544), (396, 42649), (416, 42736),

Gene: BloominB_32 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for BloominB_32:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: BlueHusk_49 Start: 41210, Stop: 42565, Start Num: 57
Candidate Starts for BlueHusk_49:
(Start: 57 @41210 has 297 MA's), (69, 41261), (Start: 77 @41294 has 23 MA's), (82, 41312), (112, 41423), (114, 41426), (119, 41441), (148, 41537), (156, 41576), (163, 41606), (172, 41642), (203, 41753), (212, 41783), (213, 41786), (235, 41852), (281, 42011), (290, 42059), (296, 42077), (310, 42125), (352, 42269), (369, 42329), (396, 42434), (416, 42521),

Gene: Bluephacebaby_48 Start: 41407, Stop: 42762, Start Num: 57
Candidate Starts for Bluephacebaby_48:
(Start: 57 @41407 has 297 MA's), (69, 41458), (Start: 77 @41491 has 23 MA's), (112, 41620), (114, 41623), (119, 41638), (148, 41734), (156, 41773), (163, 41803), (172, 41839), (203, 41950), (212, 41980), (213, 41983), (235, 42049), (281, 42208), (290, 42256), (296, 42274), (310, 42322), (352, 42466), (369, 42526), (396, 42631), (416, 42718),

Gene: Bluvara_28 Start: 24450, Stop: 25616, Start Num: 73
Candidate Starts for Bluvara_28:
(15, 23706), (39, 24078), (Start: 73 @24450 has 55 MA's), (87, 24507), (114, 24594), (126, 24639), (130, 24651), (148, 24714), (152, 24735), (172, 24819), (185, 24858), (203, 24924), (212, 24954), (222, 24975), (235, 25020), (261, 25116), (271, 25155), (281, 25170), (290, 25209), (321, 25296),

(332, 25314), (335, 25320), (349, 25344), (365, 25380), (393, 25461), (408, 25536), (419, 25578), (422, 25599), (423, 25605),

Gene: Boehler_49 Start: 41713, Stop: 43068, Start Num: 57
Candidate Starts for Boehler_49:
(Start: 57 @41713 has 297 MA's), (69, 41764), (Start: 77 @41797 has 23 MA's), (112, 41926), (114, 41929), (119, 41944), (148, 42040), (156, 42079), (163, 42109), (172, 42145), (203, 42256), (212, 42286), (213, 42289), (235, 42355), (281, 42514), (290, 42562), (296, 42580), (310, 42628), (352, 42772), (369, 42832), (396, 42937), (416, 43024),

Gene: Bogg_35 Start: 30758, Stop: 31615, Start Num: 136
Candidate Starts for Bogg_35:
(Start: 136 @30758 has 134 MA's), (146, 30797), (151, 30827), (156, 30848), (165, 30884), (173, 30914), (193, 30989), (208, 31037), (209, 31040), (215, 31064), (216, 31067), (223, 31082), (267, 31253), (299, 31352), (303, 31367), (308, 31382), (310, 31388), (327, 31430), (329, 31433), (356, 31487), (381, 31565), (391, 31598),

Gene: Bogie_29 Start: 25888, Stop: 27054, Start Num: 73
Candidate Starts for Bogie_29:
(30, 25354), (35, 25402), (39, 25507), (Start: 73 @25888 has 55 MA's), (75, 25897), (85, 25942), (87, 25945), (114, 26032), (126, 26077), (148, 26152), (152, 26173), (156, 26191), (172, 26257), (185, 26296), (187, 26308), (203, 26362), (212, 26392), (222, 26413), (235, 26458), (261, 26554), (271, 26593), (281, 26608), (284, 26620), (290, 26647), (321, 26734), (332, 26752), (335, 26758), (356, 26806), (377, 26851), (393, 26899), (408, 26974),

Gene: BoogieWoogie_49 Start: 41394, Stop: 42749, Start Num: 57
Candidate Starts for BoogieWoogie_49:
(Start: 57 @41394 has 297 MA's), (69, 41445), (Start: 77 @41478 has 23 MA's), (112, 41607), (114, 41610), (119, 41625), (148, 41721), (156, 41760), (163, 41790), (172, 41826), (203, 41937), (212, 41967), (213, 41970), (235, 42036), (281, 42195), (290, 42243), (296, 42261), (310, 42309), (352, 42453), (369, 42513), (396, 42618), (416, 42705),

Gene: BoostSeason_30 Start: 24885, Stop: 26096, Start Num: 106
Candidate Starts for BoostSeason_30:
(26, 24174), (32, 24237), (34, 24261), (72, 24762), (Start: 77 @24783 has 23 MA's), (91, 24846), (Start: 106 @24885 has 19 MA's), (110, 24912), (116, 24933), (Start: 124 @24969 has 17 MA's), (140, 25014), (161, 25110), (170, 25143), (171, 25146), (182, 25176), (197, 25242), (208, 25281), (233, 25359), (248, 25404), (259, 25461), (263, 25479), (287, 25551), (311, 25644), (319, 25665), (324, 25686), (325, 25689), (354, 25803), (359, 25818), (380, 25887), (395, 25944), (412, 26025),

Gene: BrainDrainer_27 Start: 25485, Stop: 26507, Start Num: 121
Candidate Starts for BrainDrainer_27:
(Start: 121 @25485 has 9 MA's), (152, 25596), (164, 25629), (166, 25635), (168, 25641), (194, 25743), (195, 25746), (208, 25785), (217, 25806), (231, 25848), (249, 25905), (276, 26019), (304, 26124), (331, 26205), (333, 26208), (346, 26253), (366, 26316), (371, 26328), (389, 26394), (391, 26403), (397, 26430),

Gene: Brewer_35 Start: 32106, Stop: 32963, Start Num: 136
Candidate Starts for Brewer_35:
(Start: 136 @32106 has 134 MA's), (146, 32145), (151, 32175), (156, 32196), (165, 32232), (173, 32262), (193, 32337), (208, 32385), (209, 32388), (215, 32412), (216, 32415), (223, 32430), (267, 32601), (303, 32715), (308, 32730), (310, 32736), (327, 32778), (329, 32781), (356, 32835), (381, 32913), (391, 32946),

Gene: Brilliant_49 Start: 41406, Stop: 42761, Start Num: 57
Candidate Starts for Brilliant_49:
(Start: 57 @41406 has 297 MA's), (69, 41457), (Start: 77 @41490 has 23 MA's), (82, 41508), (112, 41619), (114, 41622), (119, 41637), (148, 41733), (156, 41772), (163, 41802), (172, 41838), (203, 41949), (212, 41979), (213, 41982), (235, 42048), (281, 42207), (290, 42255), (296, 42273), (310, 42321), (352, 42465), (369, 42525), (396, 42630), (416, 42717),

Gene: BronnyJr_27 Start: 24517, Stop: 25683, Start Num: 73
Candidate Starts for BronnyJr_27:
(Start: 73 @24517 has 55 MA's), (87, 24574), (114, 24661), (126, 24706), (127, 24709), (148, 24781), (152, 24802), (172, 24886), (185, 24925), (203, 24991), (212, 25021), (222, 25042), (235, 25087), (261, 25183), (271, 25222), (281, 25237), (290, 25276), (321, 25363), (332, 25381), (335, 25387), (356, 25435), (369, 25456), (393, 25528), (408, 25603),

Gene: BruceB_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for BruceB_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Bruin_35 Start: 31878, Stop: 32735, Start Num: 136
Candidate Starts for Bruin_35:
(Start: 136 @31878 has 134 MA's), (146, 31917), (151, 31947), (156, 31968), (165, 32004), (173, 32034), (193, 32109), (208, 32157), (209, 32160), (215, 32184), (216, 32187), (223, 32202), (267, 32373), (303, 32487), (308, 32502), (310, 32508), (327, 32550), (329, 32553), (356, 32607), (381, 32685), (391, 32718),

Gene: Brujita_30 Start: 26243, Stop: 27409, Start Num: 73
Candidate Starts for Brujita_30:
(30, 25709), (35, 25757), (39, 25862), (Start: 73 @26243 has 55 MA's), (75, 26252), (85, 26297), (87, 26300), (114, 26387), (126, 26432), (148, 26507), (152, 26528), (156, 26546), (172, 26612), (185, 26651), (187, 26663), (203, 26717), (212, 26747), (222, 26768), (235, 26813), (261, 26909), (271, 26948), (281, 26963), (284, 26975), (290, 27002), (321, 27089), (332, 27107), (335, 27113), (356, 27161), (377, 27206), (393, 27254), (408, 27329),

Gene: Brusacoram_27 Start: 24047, Stop: 25213, Start Num: 73
Candidate Starts for Brusacoram_27:
(5, 22928), (9, 23081), (15, 23294), (35, 23561), (39, 23666), (Start: 73 @24047 has 55 MA's), (75, 24056), (85, 24101), (87, 24104), (114, 24191), (126, 24236), (148, 24311), (152, 24332), (172, 24416), (185, 24455), (203, 24521), (212, 24551), (222, 24572), (235, 24617), (261, 24713), (271, 24752), (281, 24767), (284, 24779), (290, 24806), (320, 24890), (321, 24893), (332, 24911), (335, 24917), (356, 24965), (377, 25010), (393, 25058), (408, 25133),

Gene: Buck_34 Start: 31814, Stop: 32671, Start Num: 136
Candidate Starts for Buck_34:
(Start: 136 @31814 has 134 MA's), (146, 31853), (151, 31883), (156, 31904), (165, 31940), (173, 31970), (193, 32045), (208, 32093), (209, 32096), (215, 32120), (216, 32123), (223, 32138), (267, 32309), (299, 32408), (303, 32423), (308, 32438), (310, 32444), (327, 32486), (329, 32489), (356, 32543), (381, 32621), (391, 32654),

Gene: Buckeye_49 Start: 41727, Stop: 43082, Start Num: 57

Candidate Starts for Buckeye_49:
(Start: 57 @41727 has 297 MA's), (69, 41778), (Start: 77 @41811 has 23 MA's), (112, 41940), (114, 41943), (119, 41958), (148, 42054), (156, 42093), (163, 42123), (172, 42159), (203, 42270), (212, 42300), (213, 42303), (235, 42369), (281, 42528), (290, 42576), (296, 42594), (310, 42642), (352, 42786), (369, 42846), (396, 42951), (416, 43038),

Gene: Budgie_37 Start: 31405, Stop: 32262, Start Num: 136
Candidate Starts for Budgie_37:
(Start: 136 @31405 has 134 MA's), (146, 31444), (151, 31474), (156, 31495), (161, 31519), (165, 31531), (173, 31561), (190, 31624), (193, 31636), (209, 31687), (215, 31711), (223, 31729), (229, 31750), (265, 31894), (267, 31900), (303, 32014), (308, 32029), (310, 32035), (314, 32047), (327, 32077), (329, 32080), (356, 32134), (373, 32182), (381, 32212),

Gene: BugsBunny_33 Start: 31447, Stop: 32304, Start Num: 136
Candidate Starts for BugsBunny_33:
(Start: 136 @31447 has 134 MA's), (146, 31486), (151, 31516), (156, 31537), (165, 31573), (173, 31603), (193, 31678), (208, 31726), (209, 31729), (215, 31753), (216, 31756), (223, 31771), (267, 31942), (303, 32056), (308, 32071), (310, 32077), (327, 32119), (329, 32122), (356, 32176), (381, 32254), (391, 32287),

Gene: Bunnies_27 Start: 24068, Stop: 25234, Start Num: 73
Candidate Starts for Bunnies_27:
(15, 23315), (35, 23582), (39, 23687), (Start: 73 @24068 has 55 MA's), (75, 24077), (85, 24122), (87, 24125), (114, 24212), (126, 24257), (148, 24332), (152, 24353), (156, 24371), (172, 24437), (185, 24476), (203, 24542), (212, 24572), (222, 24593), (235, 24638), (261, 24734), (271, 24773), (281, 24788), (290, 24827), (321, 24914), (332, 24932), (335, 24938), (356, 24986), (393, 25079), (408, 25154),

Gene: Burr_48 Start: 41401, Stop: 42756, Start Num: 57
Candidate Starts for Burr_48:
(Start: 57 @41401 has 297 MA's), (69, 41452), (Start: 77 @41485 has 23 MA's), (112, 41614), (114, 41617), (119, 41632), (148, 41728), (156, 41767), (163, 41797), (172, 41833), (203, 41944), (212, 41974), (213, 41977), (235, 42043), (281, 42202), (290, 42250), (296, 42268), (310, 42316), (352, 42460), (369, 42520), (396, 42625), (416, 42712),

Gene: Butters_27 Start: 22757, Stop: 23917, Start Num: 73
Candidate Starts for Butters_27:
(10, 21803), (15, 21998), (30, 22232), (39, 22385), (Start: 73 @22757 has 55 MA's), (87, 22814), (114, 22901), (148, 23021), (185, 23165), (187, 23177), (203, 23231), (212, 23261), (222, 23282), (235, 23327), (281, 23477), (284, 23489), (290, 23516), (297, 23537), (313, 23585), (321, 23603), (363, 23681), (371, 23696), (393, 23762), (419, 23879),

Gene: CLED96_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for CLED96_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Cactus_36 Start: 31069, Stop: 31926, Start Num: 136
Candidate Starts for Cactus_36:
(Start: 136 @31069 has 134 MA's), (146, 31108), (151, 31138), (156, 31159), (165, 31195), (173, 31225), (193, 31300), (208, 31348), (209, 31351), (215, 31375), (216, 31378), (223, 31393), (267,

31564), (303, 31678), (308, 31693), (310, 31699), (327, 31741), (329, 31744), (356, 31798), (381, 31876), (391, 31909),

Gene: CactusJack_27 Start: 24311, Stop: 25477, Start Num: 73
Candidate Starts for CactusJack_27:
(15, 23558), (24, 23729), (35, 23825), (39, 23930), (Start: 73 @24311 has 55 MA's), (75, 24320), (85, 24365), (87, 24368), (114, 24455), (126, 24500), (148, 24575), (152, 24596), (156, 24614), (172, 24680), (185, 24719), (203, 24785), (212, 24815), (222, 24836), (235, 24881), (261, 24977), (271, 25016), (281, 25031), (290, 25070), (321, 25157), (332, 25175), (335, 25181), (356, 25229), (393, 25322), (408, 25397),

Gene: CamL_49 Start: 41696, Stop: 43051, Start Num: 57
Candidate Starts for CamL_49:
(Start: 57 @41696 has 297 MA's), (69, 41747), (Start: 77 @41780 has 23 MA's), (112, 41909), (114, 41912), (119, 41927), (148, 42023), (156, 42062), (163, 42092), (172, 42128), (203, 42239), (212, 42269), (213, 42272), (235, 42338), (281, 42497), (290, 42545), (296, 42563), (310, 42611), (352, 42755), (369, 42815), (396, 42920), (416, 43007),

Gene: CampRoach_50 Start: 41830, Stop: 43185, Start Num: 57
Candidate Starts for CampRoach_50:
(Start: 57 @41830 has 297 MA's), (69, 41881), (Start: 77 @41914 has 23 MA's), (112, 42043), (114, 42046), (119, 42061), (148, 42157), (156, 42196), (163, 42226), (172, 42262), (203, 42373), (212, 42403), (213, 42406), (235, 42472), (281, 42631), (290, 42679), (296, 42697), (310, 42745), (352, 42889), (369, 42949), (396, 43054), (416, 43141),

Gene: Camri_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Camri_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Camster_27 Start: 24084, Stop: 25250, Start Num: 73
Candidate Starts for Camster_27:
(Start: 73 @24084 has 55 MA's), (85, 24138), (87, 24141), (114, 24228), (126, 24273), (138, 24306), (148, 24348), (152, 24369), (156, 24387), (172, 24453), (185, 24492), (203, 24558), (212, 24588), (222, 24609), (235, 24654), (261, 24750), (271, 24789), (281, 24804), (290, 24843), (321, 24930), (332, 24948), (335, 24954), (356, 25002), (369, 25023), (393, 25095), (408, 25170),

Gene: Cannibal_49 Start: 41679, Stop: 43034, Start Num: 57
Candidate Starts for Cannibal_49:
(Start: 57 @41679 has 297 MA's), (69, 41730), (Start: 77 @41763 has 23 MA's), (112, 41892), (114, 41895), (119, 41910), (148, 42006), (156, 42045), (163, 42075), (172, 42111), (203, 42222), (212, 42252), (213, 42255), (235, 42321), (281, 42480), (290, 42528), (296, 42546), (310, 42594), (352, 42738), (369, 42798), (396, 42903), (416, 42990),

Gene: Caprice_55 Start: 31985, Stop: 33139, Start Num: 77
Candidate Starts for Caprice_55:
(Start: 77 @31985 has 23 MA's), (86, 32036), (95, 32057), (109, 32102), (111, 32114), (119, 32129), (134, 32177), (147, 32222), (149, 32234), (155, 32264), (174, 32333), (188, 32384), (197, 32417), (203, 32435), (208, 32453), (209, 32456), (214, 32471), (218, 32480), (230, 32513), (246, 32564), (251, 32582), (287, 32708), (294, 32741), (298, 32753), (303, 32771), (313, 32804), (337, 32846), (340, 32855), (343, 32861), (350, 32879), (356, 32894), (377, 32948), (388, 32993), (392, 33005),

(410, 33092), (420, 33131),

Gene: Carthage_47 Start: 40626, Stop: 41981, Start Num: 57
Candidate Starts for Carthage_47:
(Start: 57 @40626 has 297 MA's), (69, 40677), (Start: 77 @40710 has 23 MA's), (112, 40839), (114, 40842), (119, 40857), (148, 40953), (156, 40992), (163, 41022), (172, 41058), (203, 41169), (212, 41199), (213, 41202), (235, 41268), (281, 41427), (290, 41475), (296, 41493), (310, 41541), (352, 41685), (369, 41745), (396, 41850), (416, 41937),

Gene: Caspiboi_48 Start: 41405, Stop: 42760, Start Num: 57
Candidate Starts for Caspiboi_48:
(Start: 57 @41405 has 297 MA's), (69, 41456), (Start: 77 @41489 has 23 MA's), (112, 41618), (114, 41621), (119, 41636), (148, 41732), (156, 41771), (163, 41801), (172, 41837), (203, 41948), (212, 41978), (213, 41981), (235, 42047), (281, 42206), (290, 42254), (296, 42272), (310, 42320), (352, 42464), (369, 42524), (396, 42629), (416, 42716),

Gene: CassieYates_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for CassieYates_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Caterpie_40 Start: 37040, Stop: 38209, Start Num: 74
Candidate Starts for Caterpie_40:
(30, 36509), (39, 36662), (63, 36971), (Start: 74 @37040 has 3 MA's), (87, 37094), (88, 37097), (114, 37181), (148, 37301), (152, 37322), (172, 37406), (185, 37445), (203, 37511), (222, 37562), (235, 37607), (241, 37622), (261, 37703), (271, 37742), (281, 37757), (290, 37796), (321, 37883), (332, 37901), (338, 37913), (356, 37961), (365, 37973), (369, 37982), (408, 38129), (423, 38198),

Gene: Causa_56 Start: 45965, Stop: 47167, Start Num: 77
Candidate Starts for Causa_56:
(59, 45866), (67, 45911), (Start: 77 @45965 has 23 MA's), (100, 46046), (111, 46091), (134, 46154), (174, 46313), (209, 46436), (214, 46451), (236, 46520), (298, 46733), (308, 46766), (312, 46778), (318, 46793), (330, 46835), (340, 46856), (354, 46904), (362, 46919), (368, 46934), (392, 47021), (420, 47147),

Gene: Cedasite_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Cedasite_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Chaelin_49 Start: 41402, Stop: 42757, Start Num: 57
Candidate Starts for Chaelin_49:
(Start: 57 @41402 has 297 MA's), (69, 41453), (Start: 77 @41486 has 23 MA's), (112, 41615), (114, 41618), (119, 41633), (148, 41729), (156, 41768), (163, 41798), (172, 41834), (203, 41945), (212, 41975), (213, 41978), (235, 42044), (281, 42203), (290, 42251), (296, 42269), (310, 42317), (352, 42461), (369, 42521), (396, 42626), (416, 42713),

Gene: Chah_51 Start: 41857, Stop: 43212, Start Num: 57
Candidate Starts for Chah_51:

(Start: 57 @41857 has 297 MA's), (69, 41908), (Start: 77 @41941 has 23 MA's), (112, 42070), (114, 42073), (119, 42088), (148, 42184), (156, 42223), (163, 42253), (172, 42289), (203, 42400), (212, 42430), (213, 42433), (235, 42499), (281, 42658), (290, 42706), (296, 42724), (310, 42772), (352, 42916), (369, 42976), (396, 43081), (416, 43168),

Gene: Chance64_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Chance64_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (290, 26011), (297, 26032), (308, 26071), (310, 26077),

Gene: Charles1_49 Start: 41687, Stop: 43042, Start Num: 57
Candidate Starts for Charles1_49:
(Start: 57 @41687 has 297 MA's), (69, 41738), (Start: 77 @41771 has 23 MA's), (112, 41900), (114, 41903), (119, 41918), (148, 42014), (156, 42053), (163, 42083), (172, 42119), (203, 42230), (212, 42260), (213, 42263), (235, 42329), (281, 42488), (290, 42536), (296, 42554), (310, 42602), (352, 42746), (369, 42806), (396, 42911), (416, 42998),

Gene: CharlieGBrown_48 Start: 41277, Stop: 42632, Start Num: 57
Candidate Starts for CharlieGBrown_48:
(Start: 57 @41277 has 297 MA's), (69, 41328), (Start: 77 @41361 has 23 MA's), (112, 41490), (114, 41493), (119, 41508), (148, 41604), (156, 41643), (163, 41673), (172, 41709), (203, 41820), (212, 41850), (213, 41853), (235, 41919), (281, 42078), (290, 42126), (296, 42144), (310, 42192), (352, 42336), (369, 42396), (396, 42501), (416, 42588),

Gene: Chaser_26 Start: 25327, Stop: 26349, Start Num: 121
Candidate Starts for Chaser_26:
(Start: 121 @25327 has 9 MA's), (152, 25438), (164, 25471), (166, 25477), (168, 25483), (194, 25585), (195, 25588), (208, 25627), (217, 25648), (231, 25690), (249, 25747), (276, 25861), (280, 25873), (304, 25966), (331, 26047), (333, 26050), (346, 26095), (366, 26158), (371, 26170), (391, 26245), (397, 26272),

Gene: CheetO_49 Start: 41719, Stop: 43074, Start Num: 57
Candidate Starts for CheetO_49:
(Start: 57 @41719 has 297 MA's), (69, 41770), (Start: 77 @41803 has 23 MA's), (112, 41932), (114, 41935), (119, 41950), (148, 42046), (156, 42085), (163, 42115), (172, 42151), (203, 42262), (212, 42292), (213, 42295), (235, 42361), (281, 42520), (290, 42568), (296, 42586), (310, 42634), (352, 42778), (369, 42838), (396, 42943), (408, 42997), (416, 43030),

Gene: Cher_48 Start: 41424, Stop: 42779, Start Num: 57
Candidate Starts for Cher_48:
(Start: 57 @41424 has 297 MA's), (69, 41475), (Start: 77 @41508 has 23 MA's), (112, 41637), (114, 41640), (119, 41655), (148, 41751), (156, 41790), (163, 41820), (172, 41856), (203, 41967), (212, 41997), (213, 42000), (235, 42066), (281, 42225), (290, 42273), (296, 42291), (310, 42339), (352, 42483), (369, 42543), (396, 42648), (416, 42735),

Gene: Cherrybomb426_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Cherrybomb426_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Chevrolet_32 Start: 28051, Stop: 29067, Start Num: 124
Candidate Starts for Chevrolet_32:
(68, 27820), (70, 27823), (78, 27871), (113, 28006), (117, 28015), (Start: 124 @28051 has 17 MA's), (158, 28183), (163, 28204), (169, 28225), (180, 28255), (184, 28267), (192, 28309), (208, 28360), (249, 28471), (276, 28585), (283, 28603), (291, 28642), (299, 28666), (310, 28702), (320, 28729), (331, 28768), (365, 28876), (380, 28924), (384, 28936), (395, 28981), (397, 28993), (404, 29023),

Gene: Childish_48 Start: 41427, Stop: 42782, Start Num: 57
Candidate Starts for Childish_48:
(Start: 57 @41427 has 297 MA's), (69, 41478), (Start: 77 @41511 has 23 MA's), (112, 41640), (114, 41643), (119, 41658), (148, 41754), (156, 41793), (163, 41823), (172, 41859), (203, 41970), (212, 42000), (213, 42003), (235, 42069), (281, 42228), (290, 42276), (296, 42294), (310, 42342), (352, 42486), (369, 42546), (396, 42651), (416, 42738),

Gene: Chipette_50 Start: 41917, Stop: 43272, Start Num: 57
Candidate Starts for Chipette_50:
(Start: 57 @41917 has 297 MA's), (69, 41968), (Start: 77 @42001 has 23 MA's), (82, 42019), (112, 42130), (114, 42133), (119, 42148), (148, 42244), (156, 42283), (163, 42313), (172, 42349), (203, 42460), (212, 42490), (213, 42493), (235, 42559), (281, 42718), (290, 42766), (296, 42784), (310, 42832), (352, 42976), (369, 43036), (396, 43141), (408, 43195), (416, 43228),

Gene: Chorkpop_49 Start: 41435, Stop: 42790, Start Num: 57
Candidate Starts for Chorkpop_49:
(Start: 57 @41435 has 297 MA's), (69, 41486), (Start: 77 @41519 has 23 MA's), (82, 41537), (112, 41648), (114, 41651), (119, 41666), (148, 41762), (156, 41801), (163, 41831), (172, 41867), (203, 41978), (212, 42008), (213, 42011), (235, 42077), (281, 42236), (290, 42284), (296, 42302), (310, 42350), (352, 42494), (369, 42554), (396, 42659), (416, 42746),

Gene: ChosenOne_35 Start: 31066, Stop: 31923, Start Num: 136
Candidate Starts for ChosenOne_35:
(Start: 136 @31066 has 134 MA's), (146, 31105), (151, 31135), (156, 31156), (165, 31192), (173, 31222), (193, 31297), (208, 31345), (209, 31348), (215, 31372), (216, 31375), (223, 31390), (267, 31561), (303, 31675), (308, 31690), (310, 31696), (327, 31738), (329, 31741), (356, 31795), (381, 31873), (391, 31906),

Gene: ChotaBhai_35 Start: 31104, Stop: 31961, Start Num: 136
Candidate Starts for ChotaBhai_35:
(Start: 136 @31104 has 134 MA's), (146, 31143), (151, 31173), (156, 31194), (165, 31230), (173, 31260), (193, 31335), (208, 31383), (209, 31386), (215, 31410), (216, 31413), (223, 31428), (267, 31599), (303, 31713), (308, 31728), (310, 31734), (327, 31776), (329, 31779), (356, 31833), (381, 31911), (391, 31944),

Gene: Chubbello_27 Start: 24051, Stop: 25217, Start Num: 73
Candidate Starts for Chubbello_27:
(Start: 73 @24051 has 55 MA's), (87, 24108), (114, 24195), (126, 24240), (148, 24315), (152, 24336), (172, 24420), (185, 24459), (203, 24525), (212, 24555), (222, 24576), (235, 24621), (261, 24717), (271, 24756), (281, 24771), (290, 24810), (321, 24897), (332, 24915), (335, 24921), (356, 24969), (369, 24990), (393, 25062), (408, 25137),

Gene: Chuni_49 Start: 41721, Stop: 43076, Start Num: 57
Candidate Starts for Chuni_49:
(Start: 57 @41721 has 297 MA's), (69, 41772), (Start: 77 @41805 has 23 MA's), (82, 41823), (112, 41934), (114, 41937), (119, 41952), (148, 42048), (156, 42087), (163, 42117), (172, 42153), (203,

42264), (212, 42294), (213, 42297), (235, 42363), (281, 42522), (290, 42570), (296, 42588), (310, 42636), (352, 42780), (369, 42840), (396, 42945), (416, 43032),

Gene: Chunky_49 Start: 41722, Stop: 43086, Start Num: 57
Candidate Starts for Chunky_49:
(Start: 57 @41722 has 297 MA's), (69, 41773), (Start: 77 @41806 has 23 MA's), (112, 41935), (114, 41938), (119, 41953), (148, 42049), (156, 42088), (163, 42118), (172, 42154), (203, 42265), (212, 42295), (213, 42298), (235, 42364), (281, 42523), (290, 42571), (296, 42589), (310, 42637), (352, 42781), (369, 42841), (396, 42946), (416, 43033),

Gene: Chute_49 Start: 41751, Stop: 43106, Start Num: 57
Candidate Starts for Chute_49:
(Start: 57 @41751 has 297 MA's), (69, 41802), (Start: 77 @41835 has 23 MA's), (112, 41964), (114, 41967), (119, 41982), (148, 42078), (156, 42117), (163, 42147), (172, 42183), (203, 42294), (212, 42324), (213, 42327), (235, 42393), (281, 42552), (290, 42600), (296, 42618), (310, 42666), (352, 42810), (369, 42870), (396, 42975), (416, 43062),

Gene: ChutneyChips_27 Start: 25510, Stop: 26532, Start Num: 121
Candidate Starts for ChutneyChips_27:
(Start: 121 @25510 has 9 MA's), (164, 25654), (166, 25660), (168, 25666), (194, 25768), (195, 25771), (208, 25810), (217, 25831), (231, 25873), (249, 25930), (276, 26044), (280, 26056), (304, 26149), (331, 26230), (333, 26233), (346, 26278), (366, 26341), (371, 26353), (391, 26428), (397, 26455),

Gene: Cjw1_35 Start: 32618, Stop: 33475, Start Num: 136
Candidate Starts for Cjw1_35:
(Start: 136 @32618 has 134 MA's), (146, 32657), (151, 32687), (156, 32708), (165, 32744), (173, 32774), (193, 32849), (208, 32897), (209, 32900), (215, 32924), (216, 32927), (223, 32942), (267, 33113), (303, 33227), (308, 33242), (310, 33248), (327, 33290), (329, 33293), (356, 33347), (381, 33425), (391, 33458),

Gene: Clarkson_57 Start: 32354, Stop: 33508, Start Num: 77
Candidate Starts for Clarkson_57:
(Start: 77 @32354 has 23 MA's), (86, 32405), (95, 32426), (109, 32471), (111, 32483), (119, 32498), (134, 32546), (147, 32591), (149, 32603), (155, 32633), (174, 32702), (188, 32753), (197, 32786), (203, 32804), (208, 32822), (209, 32825), (214, 32840), (218, 32849), (230, 32882), (246, 32933), (251, 32951), (287, 33077), (294, 33110), (298, 33122), (303, 33140), (313, 33173), (337, 33215), (340, 33224), (343, 33230), (350, 33248), (356, 33263), (377, 33317), (388, 33362), (392, 33374), (410, 33461), (420, 33500),

Gene: Cobra_49 Start: 41708, Stop: 43063, Start Num: 57
Candidate Starts for Cobra_49:
(Start: 57 @41708 has 297 MA's), (69, 41759), (Start: 77 @41792 has 23 MA's), (112, 41921), (114, 41924), (119, 41939), (148, 42035), (156, 42074), (163, 42104), (172, 42140), (203, 42251), (212, 42281), (213, 42284), (235, 42350), (281, 42509), (290, 42557), (296, 42575), (310, 42623), (352, 42767), (369, 42827), (396, 42932), (416, 43019),

Gene: Colbert_49 Start: 41775, Stop: 43130, Start Num: 57
Candidate Starts for Colbert_49:
(Start: 57 @41775 has 297 MA's), (69, 41826), (Start: 77 @41859 has 23 MA's), (112, 41988), (114, 41991), (119, 42006), (148, 42102), (156, 42141), (163, 42171), (172, 42207), (203, 42318), (212, 42348), (213, 42351), (235, 42417), (281, 42576), (290, 42624), (296, 42642), (310, 42690), (352, 42834), (369, 42894), (396, 42999), (408, 43053), (416, 43086),

Gene: Coleslaw_28 Start: 25192, Stop: 26400, Start Num: 62
Candidate Starts for Coleslaw_28:
(48, 25099), (Start: 62 @25192 has 104 MA's), (108, 25366), (125, 25438), (156, 25537), (158, 25546), (164, 25570), (167, 25579), (172, 25603), (181, 25624), (187, 25651), (189, 25663), (210, 25735), (224, 25774), (281, 25963), (288, 25987), (290, 26002), (297, 26023), (310, 26068), (313, 26071), (339, 26122),

Gene: Coletti_49 Start: 41751, Stop: 43106, Start Num: 57
Candidate Starts for Coletti_49:
(Start: 57 @41751 has 297 MA's), (69, 41802), (Start: 77 @41835 has 23 MA's), (112, 41964), (114, 41967), (119, 41982), (148, 42078), (156, 42117), (163, 42147), (172, 42183), (203, 42294), (212, 42324), (213, 42327), (235, 42393), (281, 42552), (290, 42600), (296, 42618), (310, 42666), (352, 42810), (369, 42870), (396, 42975), (416, 43062),

Gene: Command613_36 Start: 32125, Stop: 32982, Start Num: 136
Candidate Starts for Command613_36:
(Start: 136 @32125 has 134 MA's), (146, 32164), (151, 32194), (156, 32215), (165, 32251), (173, 32281), (193, 32356), (208, 32404), (209, 32407), (215, 32431), (216, 32434), (223, 32449), (267, 32620), (303, 32734), (308, 32749), (310, 32755), (327, 32797), (329, 32800), (356, 32854), (381, 32932), (391, 32965),

Gene: Contagion_34 Start: 31362, Stop: 32219, Start Num: 136
Candidate Starts for Contagion_34:
(Start: 136 @31362 has 134 MA's), (146, 31401), (151, 31431), (156, 31452), (165, 31488), (173, 31518), (193, 31593), (208, 31641), (209, 31644), (215, 31668), (216, 31671), (223, 31686), (267, 31857), (303, 31971), (308, 31986), (310, 31992), (327, 32034), (329, 32037), (356, 32091), (381, 32169), (391, 32202),

Gene: Cookies_35 Start: 31727, Stop: 32584, Start Num: 136
Candidate Starts for Cookies_35:
(Start: 136 @31727 has 134 MA's), (146, 31766), (151, 31796), (156, 31817), (165, 31853), (173, 31883), (193, 31958), (208, 32006), (209, 32009), (215, 32033), (216, 32036), (223, 32051), (267, 32222), (303, 32336), (308, 32351), (310, 32357), (327, 32399), (329, 32402), (356, 32456), (381, 32534), (391, 32567),

Gene: Corazon_54 Start: 32548, Stop: 33702, Start Num: 77
Candidate Starts for Corazon_54:
(Start: 77 @32548 has 23 MA's), (86, 32599), (95, 32620), (109, 32665), (111, 32677), (119, 32692), (134, 32740), (147, 32785), (149, 32797), (155, 32827), (174, 32896), (188, 32947), (197, 32980), (203, 32998), (208, 33016), (209, 33019), (214, 33034), (218, 33043), (230, 33076), (246, 33127), (251, 33145), (287, 33271), (294, 33304), (298, 33316), (303, 33334), (313, 33367), (337, 33409), (340, 33418), (343, 33424), (350, 33442), (356, 33457), (377, 33511), (388, 33556), (392, 33568), (410, 33655), (420, 33694),

Gene: Cornbread_48 Start: 41424, Stop: 42779, Start Num: 57
Candidate Starts for Cornbread_48:
(Start: 57 @41424 has 297 MA's), (69, 41475), (Start: 77 @41508 has 23 MA's), (112, 41637), (114, 41640), (119, 41655), (148, 41751), (156, 41790), (163, 41820), (172, 41856), (203, 41967), (212, 41997), (213, 42000), (235, 42066), (281, 42225), (290, 42273), (296, 42291), (310, 42339), (352, 42483), (369, 42543), (396, 42648), (416, 42735),

Gene: Cornobble_48 Start: 41265, Stop: 42620, Start Num: 57
Candidate Starts for Cornobble_48:

(Start: 57 @41265 has 297 MA's), (69, 41316), (Start: 77 @41349 has 23 MA's), (112, 41478), (114, 41481), (119, 41496), (148, 41592), (156, 41631), (163, 41661), (172, 41697), (203, 41808), (212, 41838), (213, 41841), (235, 41907), (281, 42066), (290, 42114), (296, 42132), (310, 42180), (352, 42324), (369, 42384), (396, 42489), (408, 42543), (416, 42576),

Gene: Cosmo_52 Start: 38381, Stop: 39346, Start Num: 124
Candidate Starts for Cosmo_52:
(Start: 124 @38381 has 17 MA's), (143, 38444), (157, 38504), (163, 38519), (164, 38522), (168, 38534), (169, 38540), (186, 38576), (187, 38579), (208, 38651), (213, 38666), (219, 38672), (239, 38735), (249, 38765), (258, 38798), (273, 38861), (276, 38864), (286, 38903), (297, 38936), (304, 38963), (307, 38972), (320, 39005), (361, 39140), (366, 39155), (380, 39200), (391, 39242), (397, 39269), (407, 39311),

Gene: Cosmolli16_48 Start: 41415, Stop: 42770, Start Num: 57
Candidate Starts for Cosmolli16_48:
(Start: 57 @41415 has 297 MA's), (69, 41466), (Start: 77 @41499 has 23 MA's), (112, 41628), (114, 41631), (119, 41646), (148, 41742), (156, 41781), (163, 41811), (172, 41847), (203, 41958), (212, 41988), (213, 41991), (235, 42057), (281, 42216), (290, 42264), (296, 42282), (310, 42330), (352, 42474), (369, 42534), (396, 42639), (416, 42726),

Gene: Courthouse_48 Start: 39086, Stop: 40090, Start Num: 106
Candidate Starts for Courthouse_48:
(Start: 106 @39086 has 19 MA's), (118, 39140), (135, 39191), (153, 39263), (174, 39338), (206, 39452), (208, 39464), (221, 39497), (243, 39566), (247, 39578), (250, 39590), (251, 39593), (259, 39638), (263, 39656), (311, 39818), (316, 39833), (320, 39842), (416, 40043),

Gene: Craff_50 Start: 41843, Stop: 43198, Start Num: 57
Candidate Starts for Craff_50:
(Start: 57 @41843 has 297 MA's), (69, 41894), (Start: 77 @41927 has 23 MA's), (112, 42056), (114, 42059), (119, 42074), (148, 42170), (156, 42209), (163, 42239), (172, 42275), (203, 42386), (212, 42416), (213, 42419), (235, 42485), (281, 42644), (290, 42692), (296, 42710), (310, 42758), (352, 42902), (369, 42962), (396, 43067), (416, 43154),

Gene: Crespo_28 Start: 25202, Stop: 26410, Start Num: 62
Candidate Starts for Crespo_28:
(48, 25109), (Start: 62 @25202 has 104 MA's), (108, 25376), (125, 25448), (156, 25547), (158, 25556), (164, 25580), (167, 25589), (172, 25613), (181, 25634), (187, 25661), (189, 25673), (210, 25745), (224, 25784), (281, 25973), (288, 25997), (290, 26012), (297, 26033), (310, 26078), (313, 26081), (339, 26132),

Gene: Crownjwl_49 Start: 41484, Stop: 42839, Start Num: 57
Candidate Starts for Crownjwl_49:
(Start: 57 @41484 has 297 MA's), (69, 41535), (Start: 77 @41568 has 23 MA's), (82, 41586), (112, 41697), (114, 41700), (119, 41715), (148, 41811), (156, 41850), (163, 41880), (172, 41916), (203, 42027), (212, 42057), (213, 42060), (235, 42126), (281, 42285), (290, 42333), (296, 42351), (310, 42399), (352, 42543), (369, 42603), (396, 42708), (416, 42795),

Gene: CrystalP_35 Start: 31858, Stop: 32715, Start Num: 136
Candidate Starts for CrystalP_35:
(Start: 136 @31858 has 134 MA's), (146, 31897), (151, 31927), (156, 31948), (165, 31984), (173, 32014), (193, 32089), (208, 32137), (209, 32140), (215, 32164), (216, 32167), (223, 32182), (267, 32353), (299, 32452), (303, 32467), (308, 32482), (310, 32488), (327, 32530), (329, 32533), (356, 32587), (381, 32665), (391, 32698),

Gene: Czyszczon1_36 Start: 31603, Stop: 32460, Start Num: 136
Candidate Starts for Czyszczon1_36:
(Start: 136 @31603 has 134 MA's), (146, 31642), (151, 31672), (156, 31693), (165, 31729), (173, 31759), (193, 31834), (208, 31882), (209, 31885), (215, 31909), (216, 31912), (223, 31927), (267, 32098), (303, 32212), (308, 32227), (310, 32233), (327, 32275), (329, 32278), (356, 32332), (381, 32410), (391, 32443),

Gene: DMoney_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for DMoney_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: DNAIII_0028 Start: 24952, Stop: 26160, Start Num: 62
Candidate Starts for DNAIII_0028:
(48, 24859), (Start: 62 @24952 has 104 MA's), (108, 25126), (125, 25198), (156, 25297), (158, 25306), (164, 25330), (167, 25339), (172, 25363), (181, 25384), (187, 25411), (189, 25423), (210, 25495), (224, 25534), (281, 25723), (288, 25747), (290, 25762), (297, 25783), (310, 25828), (313, 25831), (339, 25882),

Gene: DS6A_31 Start: 26756, Stop: 27793, Start Num: 129
Candidate Starts for DS6A_31:
(115, 26702), (122, 26738), (Start: 129 @26756 has 1 MA's), (137, 26783), (157, 26864), (166, 26888), (186, 26954), (191, 26975), (195, 26990), (208, 27032), (213, 27047), (219, 27053), (249, 27146), (258, 27179), (276, 27260), (277, 27263), (280, 27272), (288, 27305), (289, 27308), (296, 27329), (299, 27341), (304, 27359), (321, 27407), (323, 27419), (358, 27545), (360, 27551), (365, 27566), (366, 27569), (371, 27581), (383, 27623), (384, 27626), (397, 27683), (404, 27716), (413, 27758),

Gene: DaddyDaniels_49 Start: 41396, Stop: 42751, Start Num: 57
Candidate Starts for DaddyDaniels_49:
(Start: 57 @41396 has 297 MA's), (69, 41447), (Start: 77 @41480 has 23 MA's), (112, 41609), (114, 41612), (119, 41627), (148, 41723), (156, 41762), (163, 41792), (172, 41828), (203, 41939), (212, 41969), (213, 41972), (235, 42038), (281, 42197), (290, 42245), (296, 42263), (310, 42311), (352, 42455), (369, 42515), (396, 42620), (416, 42707),

Gene: Daegal_34 Start: 28633, Stop: 29868, Start Num: 62
Candidate Starts for Daegal_34:
(Start: 62 @28633 has 104 MA's), (81, 28726), (83, 28738), (85, 28759), (90, 28771), (96, 28783), (97, 28786), (119, 28867), (128, 28900), (148, 28960), (156, 28999), (158, 29008), (159, 29011), (163, 29029), (172, 29065), (187, 29113), (189, 29125), (191, 29131), (209, 29194), (210, 29197), (218, 29224), (224, 29236), (241, 29293), (254, 29338), (281, 29425), (284, 29437), (290, 29464), (297, 29485), (301, 29500), (326, 29554), (339, 29584), (356, 29617), (363, 29626), (366, 29632), (372, 29644), (375, 29653), (395, 29716), (408, 29785), (415, 29812),

Gene: Daffy_49 Start: 41421, Stop: 42776, Start Num: 57
Candidate Starts for Daffy_49:
(Start: 57 @41421 has 297 MA's), (69, 41472), (Start: 77 @41505 has 23 MA's), (112, 41634), (114, 41637), (119, 41652), (148, 41748), (156, 41787), (163, 41817), (172, 41853), (203, 41964), (212, 41994), (213, 41997), (235, 42063), (281, 42222), (290, 42270), (296, 42288), (310, 42336), (352, 42480), (369, 42540), (396, 42645), (416, 42732),

Gene: Daikon_34 Start: 31596, Stop: 32453, Start Num: 136
Candidate Starts for Daikon_34:
(Start: 136 @31596 has 134 MA's), (146, 31635), (151, 31665), (156, 31686), (165, 31722), (173, 31752), (193, 31827), (208, 31875), (209, 31878), (215, 31902), (216, 31905), (223, 31920), (267, 32091), (303, 32205), (308, 32220), (310, 32226), (327, 32268), (329, 32271), (356, 32325), (381, 32403), (391, 32436),

Gene: Daka_50 Start: 41700, Stop: 43055, Start Num: 57
Candidate Starts for Daka_50:
(Start: 57 @41700 has 297 MA's), (69, 41751), (Start: 77 @41784 has 23 MA's), (82, 41802), (112, 41913), (114, 41916), (119, 41931), (148, 42027), (156, 42066), (163, 42096), (172, 42132), (203, 42243), (212, 42273), (213, 42276), (235, 42342), (281, 42501), (290, 42549), (296, 42567), (310, 42615), (352, 42759), (369, 42819), (396, 42924), (408, 42978), (416, 43011),

Gene: Darionha_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Darionha_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Dati_49 Start: 41424, Stop: 42779, Start Num: 57
Candidate Starts for Dati_49:
(Start: 57 @41424 has 297 MA's), (69, 41475), (Start: 77 @41508 has 23 MA's), (114, 41640), (119, 41655), (148, 41751), (156, 41790), (163, 41820), (172, 41856), (203, 41967), (212, 41997), (213, 42000), (235, 42066), (281, 42225), (290, 42273), (296, 42291), (310, 42339), (352, 42483), (369, 42543), (396, 42648), (408, 42702), (416, 42735),

Gene: DeepSoil15_33 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for DeepSoil15_33:
(Start: 62 @28339 has 104 MA's), (81, 28432), (83, 28444), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: DelRivs_48 Start: 41428, Stop: 42783, Start Num: 57
Candidate Starts for DelRivs_48:
(Start: 57 @41428 has 297 MA's), (69, 41479), (Start: 77 @41512 has 23 MA's), (112, 41641), (114, 41644), (119, 41659), (148, 41755), (156, 41794), (163, 41824), (172, 41860), (203, 41971), (212, 42001), (213, 42004), (235, 42070), (281, 42229), (290, 42277), (296, 42295), (310, 42343), (352, 42487), (369, 42547), (396, 42652), (416, 42739),

Gene: Derpp_48 Start: 41266, Stop: 42621, Start Num: 57
Candidate Starts for Derpp_48:
(Start: 57 @41266 has 297 MA's), (69, 41317), (Start: 77 @41350 has 23 MA's), (112, 41479), (114, 41482), (119, 41497), (148, 41593), (156, 41632), (163, 41662), (172, 41698), (203, 41809), (212, 41839), (213, 41842), (235, 41908), (281, 42067), (290, 42115), (296, 42133), (310, 42181), (352, 42325), (369, 42385), (396, 42490), (416, 42577),

Gene: Dewey_32 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Dewey_32:

(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Dice_48 Start: 41392, Stop: 42747, Start Num: 57
Candidate Starts for Dice_48:
(Start: 57 @41392 has 297 MA's), (69, 41443), (Start: 77 @41476 has 23 MA's), (112, 41605), (114, 41608), (119, 41623), (148, 41719), (156, 41758), (163, 41788), (172, 41824), (203, 41935), (212, 41965), (213, 41968), (235, 42034), (281, 42193), (290, 42241), (296, 42259), (310, 42307), (352, 42451), (369, 42511), (396, 42616), (416, 42703),

Gene: DingDing_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for DingDing_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Dingo_49 Start: 41691, Stop: 43046, Start Num: 57
Candidate Starts for Dingo_49:
(Start: 57 @41691 has 297 MA's), (69, 41742), (Start: 77 @41775 has 23 MA's), (82, 41793), (112, 41904), (114, 41907), (119, 41922), (148, 42018), (156, 42057), (163, 42087), (172, 42123), (203, 42234), (212, 42264), (213, 42267), (235, 42333), (281, 42492), (290, 42540), (296, 42558), (310, 42606), (352, 42750), (369, 42810), (396, 42915), (416, 43002),

Gene: Dione_48 Start: 41400, Stop: 42755, Start Num: 57
Candidate Starts for Dione_48:
(Start: 57 @41400 has 297 MA's), (69, 41451), (Start: 77 @41484 has 23 MA's), (112, 41613), (114, 41616), (119, 41631), (148, 41727), (156, 41766), (163, 41796), (172, 41832), (203, 41943), (212, 41973), (213, 41976), (235, 42042), (281, 42201), (290, 42249), (296, 42267), (310, 42315), (352, 42459), (369, 42519), (396, 42624), (416, 42711),

Gene: DirtJuice_49 Start: 41690, Stop: 43045, Start Num: 57
Candidate Starts for DirtJuice_49:
(Start: 57 @41690 has 297 MA's), (69, 41741), (Start: 77 @41774 has 23 MA's), (112, 41903), (114, 41906), (119, 41921), (148, 42017), (156, 42056), (163, 42086), (172, 42122), (203, 42233), (212, 42263), (213, 42266), (235, 42332), (281, 42491), (290, 42539), (296, 42557), (310, 42605), (352, 42749), (369, 42809), (396, 42914), (408, 42968), (416, 43001),

Gene: DismalFunk_29 Start: 24807, Stop: 26009, Start Num: 106
Candidate Starts for DismalFunk_29:
(91, 24765), (Start: 106 @24807 has 19 MA's), (110, 24834), (Start: 124 @24891 has 17 MA's), (133, 24912), (140, 24939), (154, 24999), (161, 25035), (170, 25068), (171, 25071), (182, 25101), (197, 25167), (208, 25206), (233, 25284), (248, 25329), (259, 25386), (263, 25404), (311, 25569), (319, 25590), (324, 25611), (354, 25716), (359, 25731), (380, 25800), (395, 25857), (412, 25938),

Gene: DismalStressor_29 Start: 24807, Stop: 26009, Start Num: 106
Candidate Starts for DismalStressor_29:
(91, 24765), (Start: 106 @24807 has 19 MA's), (110, 24834), (Start: 124 @24891 has 17 MA's), (133, 24912), (140, 24939), (154, 24999), (161, 25035), (170, 25068), (171, 25071), (182, 25101), (197,

25167), (208, 25206), (233, 25284), (248, 25329), (259, 25386), (263, 25404), (311, 25569), (319, 25590), (324, 25611), (354, 25716), (359, 25731), (380, 25800), (395, 25857), (412, 25938),

Gene: DoctorDiddles_35 Start: 31020, Stop: 31877, Start Num: 136
Candidate Starts for DoctorDiddles_35:
(Start: 136 @31020 has 134 MA's), (146, 31059), (151, 31089), (156, 31110), (165, 31146), (173, 31176), (193, 31251), (208, 31299), (209, 31302), (215, 31326), (216, 31329), (223, 31344), (267, 31515), (303, 31629), (306, 31638), (308, 31644), (310, 31650), (327, 31692), (329, 31695), (356, 31749), (381, 31827), (391, 31860),

Gene: Doddsville_49 Start: 41420, Stop: 42775, Start Num: 57
Candidate Starts for Doddsville_49:
(Start: 57 @41420 has 297 MA's), (69, 41471), (Start: 77 @41504 has 23 MA's), (112, 41633), (114, 41636), (119, 41651), (148, 41747), (156, 41786), (163, 41816), (172, 41852), (203, 41963), (212, 41993), (213, 41996), (235, 42062), (281, 42221), (290, 42269), (296, 42287), (310, 42335), (352, 42479), (369, 42539), (396, 42644), (416, 42731),

Gene: DoesntMatter_48 Start: 41693, Stop: 43048, Start Num: 57
Candidate Starts for DoesntMatter_48:
(Start: 57 @41693 has 297 MA's), (69, 41744), (Start: 77 @41777 has 23 MA's), (112, 41906), (114, 41909), (119, 41924), (148, 42020), (156, 42059), (163, 42089), (172, 42125), (203, 42236), (212, 42266), (213, 42269), (235, 42335), (281, 42494), (290, 42542), (296, 42560), (310, 42608), (352, 42752), (369, 42812), (396, 42917), (416, 43004),

Gene: DolOn_52 Start: 42068, Stop: 43423, Start Num: 57
Candidate Starts for DolOn_52:
(Start: 57 @42068 has 297 MA's), (69, 42119), (Start: 77 @42152 has 23 MA's), (112, 42281), (114, 42284), (119, 42299), (148, 42395), (156, 42434), (163, 42464), (172, 42500), (203, 42611), (212, 42641), (213, 42644), (235, 42710), (281, 42869), (290, 42917), (296, 42935), (310, 42983), (352, 43127), (369, 43187), (396, 43292), (416, 43379),

Gene: DonSanchon_48 Start: 41403, Stop: 42758, Start Num: 57
Candidate Starts for DonSanchon_48:
(Start: 57 @41403 has 297 MA's), (69, 41454), (Start: 77 @41487 has 23 MA's), (112, 41616), (114, 41619), (119, 41634), (148, 41730), (156, 41769), (163, 41799), (172, 41835), (203, 41946), (212, 41976), (213, 41979), (235, 42045), (281, 42204), (290, 42252), (296, 42270), (310, 42318), (352, 42462), (369, 42522), (396, 42627), (416, 42714),

Gene: Donovan_27 Start: 24041, Stop: 25207, Start Num: 73
Candidate Starts for Donovan_27:
(Start: 73 @24041 has 55 MA's), (87, 24098), (114, 24185), (126, 24230), (148, 24305), (152, 24326), (172, 24410), (185, 24449), (203, 24515), (212, 24545), (222, 24566), (235, 24611), (261, 24707), (271, 24746), (281, 24761), (290, 24800), (321, 24887), (332, 24905), (335, 24911), (356, 24959), (369, 24980), (393, 25052), (408, 25127),

Gene: Douge_26 Start: 25265, Stop: 26287, Start Num: 121
Candidate Starts for Douge_26:
(Start: 121 @25265 has 9 MA's), (152, 25376), (164, 25409), (166, 25415), (168, 25421), (194, 25523), (195, 25526), (208, 25565), (217, 25586), (231, 25628), (249, 25685), (276, 25799), (304, 25904), (331, 25985), (333, 25988), (346, 26033), (366, 26096), (371, 26108), (391, 26183), (397, 26210),

Gene: Doughnut_30 Start: 24878, Stop: 26089, Start Num: 106
Candidate Starts for Doughnut_30:

(26, 24167), (32, 24230), (34, 24254), (72, 24755), (Start: 77 @24776 has 23 MA's), (91, 24839), (Start: 106 @24878 has 19 MA's), (110, 24905), (116, 24926), (Start: 124 @24962 has 17 MA's), (140, 25007), (161, 25103), (170, 25136), (171, 25139), (182, 25169), (197, 25235), (208, 25274), (233, 25352), (248, 25397), (259, 25454), (263, 25472), (287, 25544), (311, 25637), (319, 25658), (324, 25679), (325, 25682), (354, 25796), (359, 25811), (380, 25880), (395, 25937), (412, 26018),

Gene: Douzhi_26 Start: 25346, Stop: 26368, Start Num: 121
Candidate Starts for Douzhi_26:
(Start: 121 @25346 has 9 MA's), (152, 25457), (164, 25490), (166, 25496), (168, 25502), (194, 25604), (195, 25607), (208, 25646), (217, 25667), (231, 25709), (249, 25766), (276, 25880), (304, 25985), (331, 26066), (333, 26069), (346, 26114), (366, 26177), (371, 26189), (389, 26255), (391, 26264), (397, 26291),

Gene: DrDrey_36 Start: 32350, Stop: 33207, Start Num: 136
Candidate Starts for DrDrey_36:
(Start: 136 @32350 has 134 MA's), (146, 32389), (151, 32419), (156, 32440), (165, 32476), (173, 32506), (193, 32581), (208, 32629), (209, 32632), (215, 32656), (216, 32659), (223, 32674), (267, 32845), (303, 32959), (308, 32974), (310, 32980), (327, 33022), (329, 33025), (356, 33079), (381, 33157), (391, 33190),

Gene: DrLupo_42 Start: 32782, Stop: 33864, Start Num: 99
Candidate Starts for DrLupo_42:
(Start: 99 @32782 has 3 MA's), (150, 32974), (Start: 160 @33019 has 1 MA's), (177, 33076), (191, 33130), (207, 33172), (211, 33190), (220, 33208), (225, 33223), (245, 33286), (255, 33319), (257, 33325), (264, 33376), (266, 33379), (300, 33493), (302, 33502), (305, 33511), (364, 33661), (374, 33688), (378, 33703), (389, 33733), (402, 33784), (412, 33838),

Gene: DuchessDung_48 Start: 40692, Stop: 42047, Start Num: 57
Candidate Starts for DuchessDung_48:
(Start: 57 @40692 has 297 MA's), (69, 40743), (Start: 77 @40776 has 23 MA's), (112, 40905), (114, 40908), (119, 40923), (148, 41019), (156, 41058), (163, 41088), (172, 41124), (203, 41235), (212, 41265), (213, 41268), (235, 41334), (281, 41493), (290, 41541), (296, 41559), (310, 41607), (352, 41751), (369, 41811), (396, 41916), (416, 42003),

Gene: Duggie_48 Start: 41422, Stop: 42777, Start Num: 57
Candidate Starts for Duggie_48:
(Start: 57 @41422 has 297 MA's), (69, 41473), (Start: 77 @41506 has 23 MA's), (112, 41635), (114, 41638), (119, 41653), (148, 41749), (156, 41788), (163, 41818), (172, 41854), (203, 41965), (212, 41995), (213, 41998), (235, 42064), (281, 42223), (290, 42271), (296, 42289), (310, 42337), (352, 42481), (369, 42541), (396, 42646), (416, 42733),

Gene: Dumbo_35 Start: 31325, Stop: 32182, Start Num: 136
Candidate Starts for Dumbo_35:
(Start: 136 @31325 has 134 MA's), (146, 31364), (151, 31394), (156, 31415), (165, 31451), (173, 31481), (193, 31556), (208, 31604), (209, 31607), (215, 31631), (216, 31634), (223, 31649), (267, 31820), (303, 31934), (308, 31949), (310, 31955), (327, 31997), (329, 32000), (355, 32051), (356, 32054), (381, 32132), (391, 32165),

Gene: Durga_50 Start: 41858, Stop: 43213, Start Num: 57
Candidate Starts for Durga_50:
(Start: 57 @41858 has 297 MA's), (69, 41909), (Start: 77 @41942 has 23 MA's), (112, 42071), (114, 42074), (119, 42089), (148, 42185), (156, 42224), (163, 42254), (172, 42290), (203, 42401), (212, 42431), (213, 42434), (235, 42500), (281, 42659), (290, 42707), (296, 42725), (310, 42773), (352,

42917), (369, 42977), (396, 43082), (416, 43169),

Gene: Dusk_34 Start: 31510, Stop: 32367, Start Num: 136
Candidate Starts for Dusk_34:
(Start: 136 @31510 has 134 MA's), (146, 31549), (151, 31579), (156, 31600), (165, 31636), (173, 31666), (193, 31741), (208, 31789), (209, 31792), (215, 31816), (216, 31819), (223, 31834), (267, 32005), (303, 32119), (308, 32134), (310, 32140), (327, 32182), (329, 32185), (356, 32239), (381, 32317), (391, 32350),

Gene: Dynamo_27 Start: 24463, Stop: 25629, Start Num: 73
Candidate Starts for Dynamo_27:
(Start: 73 @24463 has 55 MA's), (87, 24520), (114, 24607), (126, 24652), (148, 24727), (152, 24748), (172, 24832), (185, 24871), (203, 24937), (212, 24967), (222, 24988), (235, 25033), (261, 25129), (271, 25168), (281, 25183), (290, 25222), (321, 25309), (332, 25327), (335, 25333), (356, 25381), (369, 25402), (393, 25474), (408, 25549),

Gene: ECartman_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for ECartman_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (290, 26011), (297, 26032), (308, 26071), (310, 26077),

Gene: Easy2Say_37 Start: 33108, Stop: 33965, Start Num: 136
Candidate Starts for Easy2Say_37:
(Start: 136 @33108 has 134 MA's), (146, 33147), (151, 33177), (156, 33198), (165, 33234), (173, 33264), (193, 33339), (208, 33387), (209, 33390), (215, 33414), (216, 33417), (223, 33432), (267, 33603), (303, 33717), (308, 33732), (310, 33738), (327, 33780), (329, 33783), (356, 33837), (381, 33915), (391, 33948),

Gene: Ein37_33 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Ein37_33:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Eish_31 Start: 27924, Stop: 29228, Start Num: 60
Candidate Starts for Eish_31:
(54, 27894), (55, 27900), (56, 27912), (Start: 60 @27924 has 1 MA's), (64, 27936), (Start: 124 @28212 has 17 MA's), (158, 28344), (163, 28365), (169, 28386), (180, 28416), (184, 28428), (192, 28470), (200, 28494), (206, 28509), (208, 28521), (249, 28632), (276, 28746), (283, 28764), (291, 28803), (299, 28827), (310, 28863), (320, 28890), (331, 28929), (365, 29037), (380, 29085), (384, 29097), (395, 29142), (397, 29154), (404, 29184),

Gene: Elite2014_34 Start: 31065, Stop: 31922, Start Num: 136
Candidate Starts for Elite2014_34:
(Start: 136 @31065 has 134 MA's), (146, 31104), (151, 31134), (156, 31155), (165, 31191), (173, 31221), (193, 31296), (208, 31344), (209, 31347), (215, 31371), (216, 31374), (223, 31389), (267, 31560), (303, 31674), (308, 31689), (310, 31695), (327, 31737), (329, 31740), (356, 31794), (381, 31872), (391, 31905),

Gene: Elph10_36 Start: 31328, Stop: 32185, Start Num: 136
Candidate Starts for Elph10_36:
(Start: 136 @31328 has 134 MA's), (146, 31367), (151, 31397), (156, 31418), (165, 31454), (173, 31484), (193, 31559), (208, 31607), (209, 31610), (215, 31634), (216, 31637), (223, 31652), (267, 31823), (303, 31937), (308, 31952), (310, 31958), (327, 32000), (329, 32003), (356, 32057), (381, 32135), (391, 32168),

Gene: ElvisPhasley_50 Start: 41880, Stop: 43235, Start Num: 57
Candidate Starts for ElvisPhasley_50:
(Start: 57 @41880 has 297 MA's), (69, 41931), (Start: 77 @41964 has 23 MA's), (112, 42093), (114, 42096), (119, 42111), (148, 42207), (156, 42246), (163, 42276), (172, 42312), (203, 42423), (212, 42453), (213, 42456), (235, 42522), (281, 42681), (290, 42729), (296, 42747), (310, 42795), (352, 42939), (369, 42999), (396, 43104), (408, 43158), (416, 43191),

Gene: EmGer13_49 Start: 41276, Stop: 42631, Start Num: 57
Candidate Starts for EmGer13_49:
(Start: 57 @41276 has 297 MA's), (69, 41327), (Start: 77 @41360 has 23 MA's), (112, 41489), (114, 41492), (119, 41507), (148, 41603), (156, 41642), (163, 41672), (172, 41708), (192, 41783), (203, 41819), (212, 41849), (213, 41852), (235, 41918), (281, 42077), (290, 42125), (296, 42143), (310, 42191), (352, 42335), (369, 42395), (396, 42500), (416, 42587),

Gene: Emiris_50 Start: 41826, Stop: 43181, Start Num: 57
Candidate Starts for Emiris_50:
(Start: 57 @41826 has 297 MA's), (69, 41877), (Start: 77 @41910 has 23 MA's), (112, 42039), (114, 42042), (119, 42057), (148, 42153), (156, 42192), (163, 42222), (172, 42258), (203, 42369), (212, 42399), (213, 42402), (235, 42468), (281, 42627), (290, 42675), (296, 42693), (310, 42741), (352, 42885), (369, 42945), (396, 43050), (416, 43137),

Gene: Emmina_36 Start: 31686, Stop: 32543, Start Num: 136
Candidate Starts for Emmina_36:
(Start: 136 @31686 has 134 MA's), (146, 31725), (151, 31755), (156, 31776), (165, 31812), (173, 31842), (193, 31917), (208, 31965), (209, 31968), (215, 31992), (216, 31995), (223, 32010), (267, 32181), (303, 32295), (308, 32310), (310, 32316), (327, 32358), (329, 32361), (356, 32415), (381, 32493), (391, 32526),

Gene: EmpTee_49 Start: 41706, Stop: 43061, Start Num: 57
Candidate Starts for EmpTee_49:
(Start: 57 @41706 has 297 MA's), (69, 41757), (Start: 77 @41790 has 23 MA's), (82, 41808), (112, 41919), (114, 41922), (119, 41937), (148, 42033), (156, 42072), (163, 42102), (172, 42138), (203, 42249), (212, 42279), (213, 42282), (235, 42348), (281, 42507), (290, 42555), (296, 42573), (310, 42621), (352, 42765), (369, 42825), (396, 42930), (416, 43017),

Gene: EniyanLRS_49 Start: 38079, Stop: 39044, Start Num: 124
Candidate Starts for EniyanLRS_49:
(Start: 124 @38079 has 17 MA's), (143, 38142), (157, 38202), (163, 38217), (164, 38220), (168, 38232), (169, 38238), (186, 38274), (187, 38277), (208, 38349), (213, 38364), (219, 38370), (239, 38433), (249, 38463), (258, 38496), (273, 38559), (276, 38562), (286, 38601), (297, 38634), (304, 38661), (307, 38670), (320, 38703), (361, 38838), (366, 38853), (380, 38898), (391, 38940), (397, 38967), (407, 39009),

Gene: Eremos_49 Start: 41699, Stop: 43054, Start Num: 57
Candidate Starts for Eremos_49:

(Start: 57 @41699 has 297 MA's), (69, 41750), (Start: 77 @41783 has 23 MA's), (112, 41912), (114, 41915), (119, 41930), (148, 42026), (156, 42065), (163, 42095), (172, 42131), (203, 42242), (212, 42272), (213, 42275), (235, 42341), (281, 42500), (290, 42548), (296, 42566), (310, 42614), (352, 42758), (369, 42818), (396, 42923), (416, 43010),

Gene: Etaye_49 Start: 41693, Stop: 43048, Start Num: 57
Candidate Starts for Etaye_49:
(Start: 57 @41693 has 297 MA's), (69, 41744), (Start: 77 @41777 has 23 MA's), (112, 41906), (114, 41909), (119, 41924), (148, 42020), (156, 42059), (163, 42089), (172, 42125), (203, 42236), (212, 42266), (213, 42269), (235, 42335), (281, 42494), (290, 42542), (296, 42560), (310, 42608), (352, 42752), (369, 42812), (396, 42917), (408, 42971), (416, 43004),

Gene: Etoile_27 Start: 24052, Stop: 25218, Start Num: 73
Candidate Starts for Etoile_27:
(Start: 73 @24052 has 55 MA's), (87, 24109), (114, 24196), (126, 24241), (148, 24316), (152, 24337), (172, 24421), (185, 24460), (203, 24526), (212, 24556), (222, 24577), (235, 24622), (261, 24718), (271, 24757), (281, 24772), (290, 24811), (321, 24898), (332, 24916), (335, 24922), (356, 24970), (369, 24991), (393, 25063), (408, 25138),

Gene: Eugenia_49 Start: 41703, Stop: 43058, Start Num: 57
Candidate Starts for Eugenia_49:
(Start: 57 @41703 has 297 MA's), (69, 41754), (Start: 77 @41787 has 23 MA's), (112, 41916), (114, 41919), (119, 41934), (148, 42030), (156, 42069), (163, 42099), (172, 42135), (203, 42246), (212, 42276), (213, 42279), (235, 42345), (281, 42504), (290, 42552), (296, 42570), (310, 42618), (352, 42762), (369, 42822), (396, 42927), (416, 43014),

Gene: Eureka_35 Start: 31841, Stop: 32698, Start Num: 136
Candidate Starts for Eureka_35:
(Start: 136 @31841 has 134 MA's), (146, 31880), (151, 31910), (156, 31931), (165, 31967), (173, 31997), (193, 32072), (208, 32120), (209, 32123), (215, 32147), (216, 32150), (223, 32165), (267, 32336), (303, 32450), (308, 32465), (310, 32471), (327, 32513), (329, 32516), (356, 32570), (381, 32648), (391, 32681),

Gene: Evanesce_32 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Evanesce_32:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: FairyPath_35 Start: 32053, Stop: 32910, Start Num: 136
Candidate Starts for FairyPath_35:
(Start: 136 @32053 has 134 MA's), (146, 32092), (151, 32122), (156, 32143), (165, 32179), (173, 32209), (193, 32284), (208, 32332), (209, 32335), (215, 32359), (216, 32362), (223, 32377), (267, 32548), (303, 32662), (308, 32677), (310, 32683), (327, 32725), (329, 32728), (356, 32782), (381, 32860), (391, 32893),

Gene: Faiyaz_32 Start: 29089, Stop: 30312, Start Num: 62
Candidate Starts for Faiyaz_32:
(Start: 62 @29089 has 104 MA's), (82, 29185), (85, 29209), (97, 29236), (108, 29269), (114, 29299), (148, 29404), (156, 29443), (158, 29452), (164, 29476), (172, 29509), (187, 29557), (189, 29569),

(210, 29641), (228, 29698), (255, 29785), (281, 29872), (284, 29884), (290, 29911), (296, 29929), (297, 29932), (299, 29941), (339, 30031), (386, 30136), (407, 30223), (408, 30232),

Gene: Fang_50 Start: 41851, Stop: 43206, Start Num: 57
Candidate Starts for Fang_50:
(Start: 57 @41851 has 297 MA's), (69, 41902), (Start: 77 @41935 has 23 MA's), (112, 42064), (114, 42067), (119, 42082), (148, 42178), (156, 42217), (163, 42247), (172, 42283), (203, 42394), (212, 42424), (213, 42427), (235, 42493), (281, 42652), (290, 42700), (296, 42718), (310, 42766), (352, 42910), (369, 42970), (396, 43075), (416, 43162),

Gene: FarmResident_26 Start: 25309, Stop: 26331, Start Num: 121
Candidate Starts for FarmResident_26:
(Start: 121 @25309 has 9 MA's), (152, 25420), (164, 25453), (166, 25459), (168, 25465), (194, 25567), (195, 25570), (208, 25609), (217, 25630), (231, 25672), (249, 25729), (276, 25843), (304, 25948), (331, 26029), (333, 26032), (346, 26077), (366, 26140), (371, 26152), (391, 26227), (397, 26254),

Gene: FeliMaine_58 Start: 32596, Stop: 33750, Start Num: 77
Candidate Starts for FeliMaine_58:
(Start: 77 @32596 has 23 MA's), (86, 32647), (95, 32668), (109, 32713), (111, 32725), (119, 32740), (134, 32788), (147, 32833), (149, 32845), (155, 32875), (174, 32944), (188, 32995), (197, 33028), (203, 33046), (208, 33064), (209, 33067), (214, 33082), (218, 33091), (230, 33124), (246, 33175), (251, 33193), (287, 33319), (294, 33352), (298, 33364), (303, 33382), (313, 33415), (337, 33457), (340, 33466), (343, 33472), (350, 33490), (356, 33505), (377, 33559), (388, 33604), (392, 33616), (410, 33703), (420, 33742),

Gene: Filch_36 Start: 31616, Stop: 32473, Start Num: 136
Candidate Starts for Filch_36:
(Start: 136 @31616 has 134 MA's), (146, 31655), (151, 31685), (156, 31706), (165, 31742), (173, 31772), (193, 31847), (208, 31895), (209, 31898), (215, 31922), (216, 31925), (223, 31940), (267, 32111), (303, 32225), (308, 32240), (310, 32246), (327, 32288), (329, 32291), (356, 32345), (381, 32423), (391, 32456),

Gene: Findley_29 Start: 24799, Stop: 26001, Start Num: 106
Candidate Starts for Findley_29:
(91, 24757), (Start: 106 @24799 has 19 MA's), (110, 24826), (116, 24847), (Start: 124 @24883 has 17 MA's), (133, 24904), (140, 24931), (154, 24991), (161, 25027), (170, 25060), (171, 25063), (182, 25093), (197, 25159), (208, 25198), (233, 25276), (248, 25321), (259, 25378), (263, 25396), (311, 25561), (319, 25582), (324, 25603), (354, 25708), (359, 25723), (380, 25792), (395, 25849), (412, 25930),

Gene: Finemlucis_28 Start: 26525, Stop: 27553, Start Num: 121
Candidate Starts for Finemlucis_28:
(Start: 121 @26525 has 9 MA's), (164, 26669), (201, 26804), (249, 26945), (277, 27062), (280, 27071), (282, 27074), (284, 27089), (304, 27164), (346, 27293), (353, 27320), (365, 27359), (366, 27362), (371, 27374), (386, 27431), (389, 27440), (395, 27464),

Gene: FireRed_35 Start: 31886, Stop: 32743, Start Num: 136
Candidate Starts for FireRed_35:
(Start: 136 @31886 has 134 MA's), (146, 31925), (151, 31955), (156, 31976), (165, 32012), (173, 32042), (193, 32117), (208, 32165), (209, 32168), (215, 32192), (216, 32195), (223, 32210), (267, 32381), (299, 32480), (303, 32495), (308, 32510), (310, 32516), (327, 32558), (329, 32561), (356, 32615), (381, 32693), (391, 32726),

Gene: FirstPlacePfu_27 Start: 24052, Stop: 25218, Start Num: 73
Candidate Starts for FirstPlacePfu_27:
(Start: 73 @24052 has 55 MA's), (87, 24109), (114, 24196), (126, 24241), (148, 24316), (152, 24337), (172, 24421), (185, 24460), (203, 24526), (212, 24556), (222, 24577), (235, 24622), (261, 24718), (271, 24757), (281, 24772), (284, 24784), (290, 24811), (321, 24898), (332, 24916), (335, 24922), (356, 24970), (369, 24991), (393, 25063), (408, 25138),

Gene: Fishburne_27 Start: 24052, Stop: 25218, Start Num: 73
Candidate Starts for Fishburne_27:
(Start: 73 @24052 has 55 MA's), (87, 24109), (114, 24196), (126, 24241), (148, 24316), (152, 24337), (172, 24421), (185, 24460), (203, 24526), (212, 24556), (222, 24577), (235, 24622), (261, 24718), (271, 24757), (281, 24772), (284, 24784), (290, 24811), (321, 24898), (332, 24916), (335, 24922), (356, 24970), (369, 24991), (393, 25063), (408, 25138),

Gene: Flake_49 Start: 41758, Stop: 43113, Start Num: 57
Candidate Starts for Flake_49:
(Start: 57 @41758 has 297 MA's), (69, 41809), (Start: 77 @41842 has 23 MA's), (112, 41971), (114, 41974), (119, 41989), (148, 42085), (156, 42124), (163, 42154), (172, 42190), (203, 42301), (212, 42331), (213, 42334), (235, 42400), (281, 42559), (290, 42607), (296, 42625), (310, 42673), (352, 42817), (369, 42877), (396, 42982), (416, 43069),

Gene: FleetyMac_49 Start: 41711, Stop: 43066, Start Num: 57
Candidate Starts for FleetyMac_49:
(Start: 57 @41711 has 297 MA's), (69, 41762), (Start: 77 @41795 has 23 MA's), (112, 41924), (114, 41927), (119, 41942), (148, 42038), (156, 42077), (163, 42107), (172, 42143), (203, 42254), (212, 42284), (213, 42287), (235, 42353), (281, 42512), (290, 42560), (296, 42578), (310, 42626), (352, 42770), (369, 42830), (396, 42935), (416, 43022),

Gene: FluffyNinja_50 Start: 41844, Stop: 43220, Start Num: 57
Candidate Starts for FluffyNinja_50:
(Start: 57 @41844 has 297 MA's), (69, 41895), (Start: 77 @41928 has 23 MA's), (112, 42057), (114, 42060), (119, 42075), (148, 42171), (156, 42210), (163, 42240), (172, 42276), (203, 42387), (212, 42417), (213, 42420), (235, 42486), (281, 42645), (290, 42693), (296, 42711), (310, 42759), (352, 42924), (369, 42984), (396, 43089), (416, 43176),

Gene: Flypotenuse_33 Start: 31454, Stop: 32311, Start Num: 136
Candidate Starts for Flypotenuse_33:
(Start: 136 @31454 has 134 MA's), (146, 31493), (151, 31523), (156, 31544), (165, 31580), (173, 31610), (193, 31685), (208, 31733), (209, 31736), (215, 31760), (216, 31763), (223, 31778), (267, 31949), (303, 32063), (308, 32078), (310, 32084), (327, 32126), (329, 32129), (356, 32183), (381, 32261), (391, 32294),

Gene: FoghornLeghorn_34 Start: 31362, Stop: 32219, Start Num: 136
Candidate Starts for FoghornLeghorn_34:
(Start: 136 @31362 has 134 MA's), (146, 31401), (151, 31431), (156, 31452), (165, 31488), (173, 31518), (193, 31593), (208, 31641), (209, 31644), (215, 31668), (216, 31671), (223, 31686), (267, 31857), (299, 31956), (303, 31971), (308, 31986), (310, 31992), (327, 32034), (329, 32037), (356, 32091), (381, 32169), (391, 32202),

Gene: ForeverHowLong_28 Start: 25196, Stop: 26404, Start Num: 62
Candidate Starts for ForeverHowLong_28:
(48, 25103), (Start: 62 @25196 has 104 MA's), (108, 25370), (125, 25442), (156, 25541), (158, 25550), (Start: 160 @25562 has 1 MA's), (164, 25574), (167, 25583), (172, 25607), (181, 25628), (187, 25655),

(189, 25667), (210, 25739), (224, 25778), (281, 25967), (288, 25991), (290, 26006), (297, 26027), (310, 26072), (313, 26075), (339, 26126),

Gene: Forge_32 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Forge_32:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Fozzie_48 Start: 41728, Stop: 43083, Start Num: 57
Candidate Starts for Fozzie_48:
(Start: 57 @41728 has 297 MA's), (69, 41779), (Start: 77 @41812 has 23 MA's), (112, 41941), (114, 41944), (119, 41959), (148, 42055), (156, 42094), (163, 42124), (172, 42160), (203, 42271), (212, 42301), (213, 42304), (235, 42370), (281, 42529), (290, 42577), (296, 42595), (310, 42643), (352, 42787), (369, 42847), (396, 42952), (416, 43039),

Gene: Frankicide_49 Start: 41730, Stop: 43085, Start Num: 57
Candidate Starts for Frankicide_49:
(Start: 57 @41730 has 297 MA's), (69, 41781), (Start: 77 @41814 has 23 MA's), (112, 41943), (114, 41946), (119, 41961), (148, 42057), (156, 42096), (163, 42126), (172, 42162), (203, 42273), (212, 42303), (213, 42306), (235, 42372), (281, 42531), (290, 42579), (296, 42597), (310, 42645), (352, 42789), (369, 42849), (396, 42954), (416, 43041),

Gene: FremontTroll_48 Start: 41466, Stop: 42821, Start Num: 57
Candidate Starts for FremontTroll_48:
(Start: 57 @41466 has 297 MA's), (69, 41517), (Start: 77 @41550 has 23 MA's), (112, 41679), (114, 41682), (119, 41697), (148, 41793), (156, 41832), (163, 41862), (172, 41898), (203, 42009), (212, 42039), (213, 42042), (235, 42108), (281, 42267), (290, 42315), (296, 42333), (310, 42381), (352, 42525), (369, 42585), (396, 42690), (416, 42777),

Gene: Freya_48 Start: 41391, Stop: 42746, Start Num: 57
Candidate Starts for Freya_48:
(Start: 57 @41391 has 297 MA's), (69, 41442), (Start: 77 @41475 has 23 MA's), (112, 41604), (114, 41607), (119, 41622), (148, 41718), (156, 41757), (163, 41787), (172, 41823), (203, 41934), (212, 41964), (213, 41967), (235, 42033), (281, 42192), (290, 42240), (296, 42258), (310, 42306), (352, 42450), (369, 42510), (396, 42615), (416, 42702),

Gene: FriarPreacher_48 Start: 41742, Stop: 43097, Start Num: 57
Candidate Starts for FriarPreacher_48:
(Start: 57 @41742 has 297 MA's), (69, 41793), (Start: 77 @41826 has 23 MA's), (112, 41955), (114, 41958), (119, 41973), (148, 42069), (156, 42108), (163, 42138), (172, 42174), (203, 42285), (212, 42315), (213, 42318), (235, 42384), (281, 42543), (290, 42591), (296, 42609), (310, 42657), (352, 42801), (369, 42861), (396, 42966), (416, 43053),

Gene: Fringe_50 Start: 41827, Stop: 43182, Start Num: 57
Candidate Starts for Fringe_50:
(Start: 57 @41827 has 297 MA's), (69, 41878), (Start: 77 @41911 has 23 MA's), (112, 42040), (114, 42043), (119, 42058), (148, 42154), (156, 42193), (163, 42223), (172, 42259), (203, 42370), (212, 42400), (213, 42403), (235, 42469), (281, 42628), (290, 42676), (296, 42694), (310, 42742), (352, 42886), (369, 42946), (396, 43051), (416, 43138),

Gene: Frosty24_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Frosty24_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: FugateOSU_48 Start: 41405, Stop: 42760, Start Num: 57
Candidate Starts for FugateOSU_48:
(Start: 57 @41405 has 297 MA's), (69, 41456), (Start: 77 @41489 has 23 MA's), (112, 41618), (114, 41621), (119, 41636), (148, 41732), (156, 41771), (163, 41801), (172, 41837), (203, 41948), (212, 41978), (213, 41981), (235, 42047), (281, 42206), (290, 42254), (296, 42272), (310, 42320), (352, 42464), (369, 42524), (396, 42629), (416, 42716),

Gene: Gabriela_28 Start: 26517, Stop: 27545, Start Num: 121
Candidate Starts for Gabriela_28:
(Start: 121 @26517 has 9 MA's), (166, 26667), (201, 26796), (205, 26805), (249, 26937), (277, 27054), (280, 27063), (282, 27066), (284, 27081), (304, 27156), (309, 27171), (346, 27285), (353, 27312), (361, 27339), (366, 27354), (371, 27366), (389, 27432),

Gene: Gage_37 Start: 31848, Stop: 32705, Start Num: 136
Candidate Starts for Gage_37:
(Start: 136 @31848 has 134 MA's), (146, 31887), (151, 31917), (156, 31938), (165, 31974), (173, 32004), (193, 32079), (208, 32127), (209, 32130), (215, 32154), (216, 32157), (223, 32172), (267, 32343), (303, 32457), (308, 32472), (310, 32478), (327, 32520), (329, 32523), (356, 32577), (381, 32655), (391, 32688),

Gene: Galactic_33 Start: 28347, Stop: 29363, Start Num: 124
Candidate Starts for Galactic_33:
(68, 28116), (70, 28119), (78, 28167), (113, 28302), (117, 28311), (Start: 124 @28347 has 17 MA's), (158, 28479), (163, 28500), (169, 28521), (180, 28551), (184, 28563), (192, 28605), (208, 28656), (213, 28671), (249, 28767), (273, 28878), (283, 28899), (291, 28938), (296, 28950), (310, 28998), (320, 29025), (326, 29049), (331, 29064), (365, 29172), (380, 29220), (397, 29289), (404, 29319),

Gene: GaloreK_27 Start: 24048, Stop: 25214, Start Num: 73
Candidate Starts for GaloreK_27:
(Start: 73 @24048 has 55 MA's), (85, 24102), (87, 24105), (114, 24192), (127, 24240), (148, 24312), (152, 24333), (172, 24417), (185, 24456), (203, 24522), (212, 24552), (222, 24573), (235, 24618), (261, 24714), (271, 24753), (281, 24768), (290, 24807), (321, 24894), (332, 24912), (335, 24918), (356, 24966), (369, 24987), (393, 25059), (408, 25134),

Gene: Gancho_32 Start: 28062, Stop: 29297, Start Num: 62
Candidate Starts for Gancho_32:
(Start: 62 @28062 has 104 MA's), (81, 28155), (83, 28167), (85, 28188), (90, 28200), (96, 28212), (97, 28215), (114, 28278), (119, 28296), (128, 28329), (148, 28389), (156, 28428), (158, 28437), (159, 28440), (163, 28458), (172, 28494), (187, 28542), (189, 28554), (191, 28560), (209, 28623), (210, 28626), (224, 28665), (254, 28767), (281, 28854), (290, 28893), (297, 28914), (301, 28929), (326, 28983), (339, 29013), (356, 29046), (363, 29055), (366, 29061), (372, 29073), (375, 29082), (395, 29145), (408, 29214), (415, 29241),

Gene: Gareth_48 Start: 41399, Stop: 42754, Start Num: 57
Candidate Starts for Gareth_48:

(Start: 57 @41399 has 297 MA's), (69, 41450), (Start: 77 @41483 has 23 MA's), (112, 41612), (114, 41615), (119, 41630), (148, 41726), (156, 41765), (163, 41795), (172, 41831), (203, 41942), (212, 41972), (213, 41975), (235, 42041), (281, 42200), (290, 42248), (296, 42266), (310, 42314), (352, 42458), (369, 42518), (396, 42623), (416, 42710),

Gene: Gator_33 Start: 31466, Stop: 32323, Start Num: 136
Candidate Starts for Gator_33:
(Start: 136 @31466 has 134 MA's), (146, 31505), (151, 31535), (156, 31556), (165, 31592), (173, 31622), (193, 31697), (208, 31745), (209, 31748), (215, 31772), (216, 31775), (223, 31790), (267, 31961), (303, 32075), (308, 32090), (310, 32096), (327, 32138), (329, 32141), (356, 32195), (381, 32273), (391, 32306),

Gene: Gattaca_55 Start: 31775, Stop: 32929, Start Num: 77
Candidate Starts for Gattaca_55:
(Start: 77 @31775 has 23 MA's), (86, 31826), (95, 31847), (109, 31892), (111, 31904), (119, 31919), (134, 31967), (147, 32012), (149, 32024), (155, 32054), (174, 32123), (188, 32174), (197, 32207), (203, 32225), (208, 32243), (209, 32246), (214, 32261), (218, 32270), (230, 32303), (246, 32354), (251, 32372), (287, 32498), (294, 32531), (298, 32543), (303, 32561), (313, 32594), (337, 32636), (340, 32645), (343, 32651), (350, 32669), (356, 32684), (377, 32738), (388, 32783), (392, 32795), (410, 32882), (420, 32921),

Gene: Gavriela_27 Start: 24311, Stop: 25477, Start Num: 73
Candidate Starts for Gavriela_27:
(15, 23558), (24, 23729), (35, 23825), (39, 23930), (Start: 73 @24311 has 55 MA's), (75, 24320), (85, 24365), (87, 24368), (114, 24455), (126, 24500), (148, 24575), (152, 24596), (156, 24614), (172, 24680), (185, 24719), (203, 24785), (212, 24815), (222, 24836), (235, 24881), (261, 24977), (271, 25016), (281, 25031), (290, 25070), (321, 25157), (332, 25175), (335, 25181), (356, 25229), (393, 25322), (408, 25397),

Gene: Gemini_38 Start: 32365, Stop: 33222, Start Num: 136
Candidate Starts for Gemini_38:
(Start: 136 @32365 has 134 MA's), (146, 32404), (151, 32434), (156, 32455), (165, 32491), (173, 32521), (193, 32596), (208, 32644), (209, 32647), (215, 32671), (216, 32674), (223, 32689), (267, 32860), (303, 32974), (308, 32989), (310, 32995), (327, 33037), (329, 33040), (356, 33094), (381, 33172), (391, 33205),

Gene: GeneCoco_49 Start: 41714, Stop: 43069, Start Num: 57
Candidate Starts for GeneCoco_49:
(Start: 57 @41714 has 297 MA's), (69, 41765), (Start: 77 @41798 has 23 MA's), (112, 41927), (114, 41930), (119, 41945), (148, 42041), (156, 42080), (163, 42110), (172, 42146), (203, 42257), (212, 42287), (213, 42290), (235, 42356), (281, 42515), (290, 42563), (296, 42581), (310, 42629), (352, 42773), (369, 42833), (396, 42938), (416, 43025),

Gene: Gideon_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Gideon_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Giles_32 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Giles_32:

(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Giraffe_49 Start: 41423, Stop: 42778, Start Num: 57
Candidate Starts for Giraffe_49:
(Start: 57 @41423 has 297 MA's), (69, 41474), (Start: 77 @41507 has 23 MA's), (82, 41525), (112, 41636), (114, 41639), (119, 41654), (148, 41750), (156, 41789), (163, 41819), (172, 41855), (203, 41966), (212, 41996), (213, 41999), (235, 42065), (281, 42224), (290, 42272), (296, 42290), (310, 42338), (352, 42482), (369, 42542), (396, 42647), (416, 42734),

Gene: Glaske_27 Start: 24311, Stop: 25477, Start Num: 73
Candidate Starts for Glaske_27:
(15, 23558), (24, 23729), (35, 23825), (39, 23930), (Start: 73 @24311 has 55 MA's), (75, 24320), (85, 24365), (87, 24368), (114, 24455), (126, 24500), (148, 24575), (152, 24596), (156, 24614), (172, 24680), (185, 24719), (203, 24785), (212, 24815), (222, 24836), (235, 24881), (261, 24977), (271, 25016), (281, 25031), (290, 25070), (321, 25157), (332, 25175), (335, 25181), (356, 25229), (393, 25322), (408, 25397),

Gene: Glexan_33 Start: 31454, Stop: 32311, Start Num: 136
Candidate Starts for Glexan_33:
(Start: 136 @31454 has 134 MA's), (146, 31493), (151, 31523), (156, 31544), (165, 31580), (173, 31610), (193, 31685), (208, 31733), (209, 31736), (215, 31760), (216, 31763), (223, 31778), (267, 31949), (303, 32063), (308, 32078), (310, 32084), (327, 32126), (329, 32129), (356, 32183), (381, 32261), (391, 32294),

Gene: Goku_35 Start: 31570, Stop: 32427, Start Num: 136
Candidate Starts for Goku_35:
(Start: 136 @31570 has 134 MA's), (146, 31609), (151, 31639), (156, 31660), (165, 31696), (173, 31726), (193, 31801), (208, 31849), (209, 31852), (215, 31876), (216, 31879), (223, 31894), (267, 32065), (303, 32179), (308, 32194), (310, 32200), (327, 32242), (329, 32245), (356, 32299), (381, 32377), (391, 32410),

Gene: GoldenAsh_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for GoldenAsh_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (Start: 160 @25567 has 1 MA's), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: GoldenSpark_37 Start: 31848, Stop: 32705, Start Num: 136
Candidate Starts for GoldenSpark_37:
(Start: 136 @31848 has 134 MA's), (146, 31887), (151, 31917), (156, 31938), (165, 31974), (173, 32004), (193, 32079), (208, 32127), (209, 32130), (215, 32154), (216, 32157), (223, 32172), (267, 32343), (303, 32457), (308, 32472), (310, 32478), (327, 32520), (329, 32523), (356, 32577), (381, 32655), (391, 32688),

Gene: Goldilocks_36 Start: 31268, Stop: 32125, Start Num: 136
Candidate Starts for Goldilocks_36:

(Start: 136 @31268 has 134 MA's), (146, 31307), (151, 31337), (156, 31358), (165, 31394), (173, 31424), (193, 31499), (208, 31547), (209, 31550), (215, 31574), (216, 31577), (223, 31592), (267, 31763), (303, 31877), (308, 31892), (310, 31898), (327, 31940), (329, 31943), (356, 31997), (381, 32075), (391, 32108),

Gene: Gomashi_28 Start: 25202, Stop: 26410, Start Num: 62
Candidate Starts for Gomashi_28:
(48, 25109), (Start: 62 @25202 has 104 MA's), (108, 25376), (125, 25448), (156, 25547), (158, 25556), (164, 25580), (167, 25589), (172, 25613), (181, 25634), (187, 25661), (189, 25673), (210, 25745), (224, 25784), (281, 25973), (288, 25997), (290, 26012), (297, 26033), (310, 26078), (313, 26081), (339, 26132),

Gene: Gonephishing_50 Start: 40364, Stop: 41368, Start Num: 106
Candidate Starts for Gonephishing_50:
(Start: 106 @40364 has 19 MA's), (118, 40418), (135, 40469), (153, 40541), (174, 40616), (206, 40730), (208, 40742), (221, 40775), (243, 40844), (247, 40856), (250, 40868), (251, 40871), (259, 40916), (263, 40934), (311, 41096), (316, 41111), (320, 41120), (416, 41321),

Gene: GooberAzure_37 Start: 31848, Stop: 32705, Start Num: 136
Candidate Starts for GooberAzure_37:
(Start: 136 @31848 has 134 MA's), (146, 31887), (151, 31917), (156, 31938), (165, 31974), (173, 32004), (193, 32079), (208, 32127), (209, 32130), (215, 32154), (216, 32157), (223, 32172), (267, 32343), (303, 32457), (308, 32472), (310, 32478), (327, 32520), (329, 32523), (356, 32577), (381, 32655), (391, 32688),

Gene: GoongGoong_55 Start: 31574, Stop: 32728, Start Num: 77
Candidate Starts for GoongGoong_55:
(Start: 77 @31574 has 23 MA's), (86, 31625), (95, 31646), (109, 31691), (111, 31703), (119, 31718), (134, 31766), (147, 31811), (149, 31823), (155, 31853), (174, 31922), (188, 31973), (197, 32006), (203, 32024), (208, 32042), (209, 32045), (214, 32060), (218, 32069), (230, 32102), (246, 32153), (251, 32171), (287, 32297), (294, 32330), (298, 32342), (303, 32360), (313, 32393), (337, 32435), (340, 32444), (343, 32450), (350, 32468), (356, 32483), (377, 32537), (388, 32582), (392, 32594), (410, 32681), (420, 32720),

Gene: Gophee_49 Start: 41697, Stop: 43052, Start Num: 57
Candidate Starts for Gophee_49:
(Start: 57 @41697 has 297 MA's), (69, 41748), (Start: 77 @41781 has 23 MA's), (112, 41910), (114, 41913), (119, 41928), (148, 42024), (156, 42063), (163, 42093), (172, 42129), (203, 42240), (212, 42270), (213, 42273), (235, 42339), (281, 42498), (290, 42546), (296, 42564), (310, 42612), (352, 42756), (369, 42816), (396, 42921), (416, 43008),

Gene: Grand2040_48 Start: 41417, Stop: 42772, Start Num: 57
Candidate Starts for Grand2040_48:
(Start: 57 @41417 has 297 MA's), (69, 41468), (Start: 77 @41501 has 23 MA's), (112, 41630), (114, 41633), (119, 41648), (148, 41744), (156, 41783), (163, 41813), (172, 41849), (203, 41960), (212, 41990), (213, 41993), (235, 42059), (281, 42218), (290, 42266), (296, 42284), (310, 42332), (352, 42476), (369, 42536), (396, 42641), (416, 42728),

Gene: Gravaillia_32 Start: 28068, Stop: 29303, Start Num: 62
Candidate Starts for Gravaillia_32:
(Start: 62 @28068 has 104 MA's), (83, 28173), (85, 28194), (90, 28206), (96, 28218), (97, 28221), (114, 28284), (119, 28302), (128, 28335), (148, 28395), (156, 28434), (158, 28443), (159, 28446), (163, 28464), (172, 28500), (187, 28548), (189, 28560), (191, 28566), (209, 28629), (210, 28632),

(218, 28659), (224, 28671), (241, 28728), (281, 28860), (284, 28872), (290, 28899), (297, 28920), (301, 28935), (326, 28989), (339, 29019), (356, 29052), (363, 29061), (372, 29079), (375, 29088), (377, 29097), (395, 29151), (408, 29220), (414, 29241), (415, 29247),

Gene: GreaseLightnin_27 Start: 24303, Stop: 25469, Start Num: 73
Candidate Starts for GreaseLightnin_27:
(14, 23460), (15, 23550), (24, 23721), (35, 23817), (39, 23922), (Start: 73 @24303 has 55 MA's), (75, 24312), (85, 24357), (87, 24360), (114, 24447), (126, 24492), (148, 24567), (152, 24588), (156, 24606), (172, 24672), (185, 24711), (203, 24777), (212, 24807), (222, 24828), (235, 24873), (261, 24969), (271, 25008), (281, 25023), (290, 25062), (321, 25149), (332, 25167), (335, 25173), (356, 25221), (393, 25314), (408, 25389),

Gene: GreenChile_50 Start: 41702, Stop: 43057, Start Num: 57
Candidate Starts for GreenChile_50:
(Start: 57 @41702 has 297 MA's), (69, 41753), (Start: 77 @41786 has 23 MA's), (82, 41804), (112, 41915), (114, 41918), (119, 41933), (148, 42029), (156, 42068), (163, 42098), (172, 42134), (203, 42245), (212, 42275), (213, 42278), (235, 42344), (281, 42503), (290, 42551), (296, 42569), (310, 42617), (352, 42761), (369, 42821), (396, 42926), (416, 43013),

Gene: Greep_36 Start: 32178, Stop: 33035, Start Num: 136
Candidate Starts for Greep_36:
(Start: 136 @32178 has 134 MA's), (146, 32217), (151, 32247), (156, 32268), (165, 32304), (173, 32334), (193, 32409), (208, 32457), (209, 32460), (215, 32484), (216, 32487), (223, 32502), (267, 32673), (299, 32772), (303, 32787), (308, 32802), (310, 32808), (327, 32850), (329, 32853), (356, 32907), (381, 32985), (391, 33018),

Gene: Grizzly_28 Start: 25205, Stop: 26413, Start Num: 62
Candidate Starts for Grizzly_28:
(48, 25112), (Start: 62 @25205 has 104 MA's), (108, 25379), (125, 25451), (148, 25511), (156, 25550), (158, 25559), (164, 25583), (167, 25592), (172, 25616), (181, 25637), (187, 25664), (189, 25676), (210, 25748), (224, 25787), (281, 25976), (290, 26015), (297, 26036), (308, 26075), (310, 26081),

Gene: Gwennie1_49 Start: 41763, Stop: 43118, Start Num: 57
Candidate Starts for Gwennie1_49:
(Start: 57 @41763 has 297 MA's), (69, 41814), (Start: 77 @41847 has 23 MA's), (112, 41976), (114, 41979), (119, 41994), (148, 42090), (156, 42129), (163, 42159), (172, 42195), (203, 42306), (212, 42336), (213, 42339), (235, 42405), (281, 42564), (290, 42612), (296, 42630), (310, 42678), (352, 42822), (369, 42882), (396, 42987), (416, 43074),

Gene: Gwilliam_49 Start: 41703, Stop: 43058, Start Num: 57
Candidate Starts for Gwilliam_49:
(Start: 57 @41703 has 297 MA's), (69, 41754), (Start: 77 @41787 has 23 MA's), (82, 41805), (112, 41916), (114, 41919), (119, 41934), (148, 42030), (156, 42069), (163, 42099), (172, 42135), (203, 42246), (212, 42276), (213, 42279), (235, 42345), (281, 42504), (290, 42552), (296, 42570), (310, 42618), (352, 42762), (369, 42822), (396, 42927), (408, 42981), (416, 43014),

Gene: Gyarad_0049 Start: 41717, Stop: 43072, Start Num: 57
Candidate Starts for Gyarad_0049:
(Start: 57 @41717 has 297 MA's), (69, 41768), (Start: 77 @41801 has 23 MA's), (112, 41930), (114, 41933), (119, 41948), (148, 42044), (156, 42083), (163, 42113), (172, 42149), (203, 42260), (212, 42290), (213, 42293), (235, 42359), (281, 42518), (290, 42566), (296, 42584), (310, 42632), (352, 42776), (369, 42836), (396, 42941), (416, 43028),

Gene: HC_28 Start: 24164, Stop: 25342, Start Num: 73
Candidate Starts for HC_28:
(Start: 73 @24164 has 55 MA's), (84, 24206), (114, 24311), (126, 24365), (148, 24440), (152, 24461), (172, 24545), (185, 24584), (203, 24650), (212, 24680), (222, 24701), (235, 24746), (261, 24842), (271, 24881), (281, 24896), (290, 24935), (321, 25022), (332, 25040), (335, 25046), (356, 25094), (369, 25115), (393, 25187), (408, 25262), (419, 25304), (422, 25325), (423, 25331),

Gene: HH92_32 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for HH92_32:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: HSavage_49 Start: 41709, Stop: 43064, Start Num: 57
Candidate Starts for HSavage_49:
(Start: 57 @41709 has 297 MA's), (69, 41760), (Start: 77 @41793 has 23 MA's), (82, 41811), (112, 41922), (114, 41925), (119, 41940), (148, 42036), (156, 42075), (163, 42105), (172, 42141), (203, 42252), (212, 42282), (213, 42285), (235, 42351), (281, 42510), (290, 42558), (296, 42576), (310, 42624), (352, 42768), (369, 42828), (396, 42933), (408, 42987), (416, 43020),

Gene: HUHilltop_27 Start: 24052, Stop: 25218, Start Num: 73
Candidate Starts for HUHilltop_27:
(Start: 73 @24052 has 55 MA's), (87, 24109), (114, 24196), (126, 24241), (148, 24316), (152, 24337), (172, 24421), (185, 24460), (203, 24526), (212, 24556), (222, 24577), (235, 24622), (261, 24718), (271, 24757), (281, 24772), (284, 24784), (290, 24811), (321, 24898), (332, 24916), (335, 24922), (356, 24970), (369, 24991), (393, 25063), (408, 25138),

Gene: Hadrien_33 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Hadrien_33:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Hail_32 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Hail_32:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Haimas_49 Start: 41703, Stop: 43058, Start Num: 57
Candidate Starts for Haimas_49:
(Start: 57 @41703 has 297 MA's), (69, 41754), (Start: 77 @41787 has 23 MA's), (114, 41919), (119, 41934), (148, 42030), (156, 42069), (163, 42099), (172, 42135), (203, 42246), (212, 42276), (213, 42279), (235, 42345), (281, 42504), (290, 42552), (296, 42570), (310, 42618), (352, 42762), (369,

42822), (396, 42927), (416, 43014),

Gene: Haleema_48 Start: 41417, Stop: 42772, Start Num: 57
Candidate Starts for Haleema_48:
(Start: 57 @41417 has 297 MA's), (69, 41468), (Start: 77 @41501 has 23 MA's), (112, 41630), (114, 41633), (119, 41648), (148, 41744), (156, 41783), (163, 41813), (172, 41849), (203, 41960), (212, 41990), (213, 41993), (235, 42059), (281, 42218), (290, 42266), (296, 42284), (310, 42332), (352, 42476), (369, 42536), (396, 42641), (416, 42728),

Gene: Halo_28 Start: 25196, Stop: 26404, Start Num: 62
Candidate Starts for Halo_28:
(48, 25103), (Start: 62 @25196 has 104 MA's), (108, 25370), (125, 25442), (156, 25541), (158, 25550), (Start: 160 @25562 has 1 MA's), (164, 25574), (167, 25583), (172, 25607), (181, 25628), (187, 25655), (189, 25667), (210, 25739), (224, 25778), (281, 25967), (288, 25991), (290, 26006), (297, 26027), (310, 26072), (313, 26075), (339, 26126),

Gene: Hamish_49 Start: 41695, Stop: 43050, Start Num: 57
Candidate Starts for Hamish_49:
(Start: 57 @41695 has 297 MA's), (69, 41746), (Start: 77 @41779 has 23 MA's), (114, 41911), (119, 41926), (148, 42022), (156, 42061), (163, 42091), (172, 42127), (203, 42238), (212, 42268), (213, 42271), (235, 42337), (281, 42496), (290, 42544), (296, 42562), (310, 42610), (352, 42754), (369, 42814), (396, 42919), (416, 43006),

Gene: HanKaySha_36 Start: 31600, Stop: 32457, Start Num: 136
Candidate Starts for HanKaySha_36:
(Start: 136 @31600 has 134 MA's), (146, 31639), (151, 31669), (156, 31690), (165, 31726), (173, 31756), (193, 31831), (208, 31879), (209, 31882), (215, 31906), (216, 31909), (223, 31924), (267, 32095), (303, 32209), (308, 32224), (310, 32230), (327, 32272), (329, 32275), (356, 32329), (381, 32407), (391, 32440),

Gene: Happabalu_49 Start: 41424, Stop: 42779, Start Num: 57
Candidate Starts for Happabalu_49:
(Start: 57 @41424 has 297 MA's), (69, 41475), (Start: 77 @41508 has 23 MA's), (114, 41640), (119, 41655), (148, 41751), (156, 41790), (163, 41820), (172, 41856), (203, 41967), (212, 41997), (213, 42000), (235, 42066), (281, 42225), (290, 42273), (296, 42291), (310, 42339), (352, 42483), (369, 42543), (396, 42648), (408, 42702), (416, 42735),

Gene: Harella_34 Start: 31970, Stop: 32827, Start Num: 136
Candidate Starts for Harella_34:
(Start: 136 @31970 has 134 MA's), (146, 32009), (151, 32039), (156, 32060), (165, 32096), (173, 32126), (193, 32201), (208, 32249), (209, 32252), (215, 32276), (216, 32279), (223, 32294), (267, 32465), (303, 32579), (308, 32594), (310, 32600), (327, 32642), (329, 32645), (356, 32699), (381, 32777), (391, 32810),

Gene: Hartsy_49 Start: 41746, Stop: 43101, Start Num: 57
Candidate Starts for Hartsy_49:
(Start: 57 @41746 has 297 MA's), (69, 41797), (Start: 77 @41830 has 23 MA's), (112, 41959), (114, 41962), (119, 41977), (148, 42073), (156, 42112), (163, 42142), (172, 42178), (203, 42289), (212, 42319), (213, 42322), (235, 42388), (281, 42547), (290, 42595), (296, 42613), (310, 42661), (352, 42805), (369, 42865), (396, 42970), (416, 43057),

Gene: Harvey_49 Start: 41733, Stop: 43088, Start Num: 57
Candidate Starts for Harvey_49:

(Start: 57 @41733 has 297 MA's), (69, 41784), (Start: 77 @41817 has 23 MA's), (112, 41946), (114, 41949), (119, 41964), (148, 42060), (156, 42099), (163, 42129), (172, 42165), (192, 42240), (203, 42276), (212, 42306), (213, 42309), (235, 42375), (281, 42534), (290, 42582), (296, 42600), (310, 42648), (352, 42792), (369, 42852), (396, 42957), (416, 43044),

Gene: Hekos_46 Start: 40272, Stop: 41627, Start Num: 57
Candidate Starts for Hekos_46:
(Start: 57 @40272 has 297 MA's), (69, 40323), (Start: 77 @40356 has 23 MA's), (112, 40485), (114, 40488), (119, 40503), (148, 40599), (156, 40638), (163, 40668), (172, 40704), (203, 40815), (212, 40845), (213, 40848), (235, 40914), (281, 41073), (290, 41121), (296, 41139), (310, 41187), (352, 41331), (369, 41391), (396, 41496), (416, 41583),

Gene: Held_49 Start: 41422, Stop: 42777, Start Num: 57
Candidate Starts for Held_49:
(Start: 57 @41422 has 297 MA's), (69, 41473), (Start: 77 @41506 has 23 MA's), (112, 41635), (114, 41638), (119, 41653), (148, 41749), (156, 41788), (163, 41818), (172, 41854), (203, 41965), (212, 41995), (213, 41998), (235, 42064), (281, 42223), (290, 42271), (296, 42289), (310, 42337), (352, 42481), (369, 42541), (396, 42646), (416, 42733),

Gene: Henry_36 Start: 31858, Stop: 32715, Start Num: 136
Candidate Starts for Henry_36:
(Start: 136 @31858 has 134 MA's), (146, 31897), (151, 31927), (156, 31948), (165, 31984), (173, 32014), (193, 32089), (208, 32137), (209, 32140), (215, 32164), (216, 32167), (223, 32182), (267, 32353), (303, 32467), (308, 32482), (310, 32488), (327, 32530), (329, 32533), (356, 32587), (381, 32665), (391, 32698),

Gene: HenryJackson_48 Start: 41417, Stop: 42772, Start Num: 57
Candidate Starts for HenryJackson_48:
(Start: 57 @41417 has 297 MA's), (69, 41468), (Start: 77 @41501 has 23 MA's), (112, 41630), (114, 41633), (119, 41648), (148, 41744), (156, 41783), (163, 41813), (172, 41849), (203, 41960), (212, 41990), (213, 41993), (235, 42059), (281, 42218), (290, 42266), (296, 42284), (310, 42332), (352, 42476), (369, 42536), (396, 42641), (416, 42728),

Gene: Hertubise_49 Start: 41717, Stop: 43072, Start Num: 57
Candidate Starts for Hertubise_49:
(Start: 57 @41717 has 297 MA's), (69, 41768), (Start: 77 @41801 has 23 MA's), (112, 41930), (114, 41933), (119, 41948), (148, 42044), (156, 42083), (163, 42113), (172, 42149), (203, 42260), (212, 42290), (213, 42293), (235, 42359), (281, 42518), (290, 42566), (296, 42584), (310, 42632), (352, 42776), (369, 42836), (396, 42941), (408, 42995), (416, 43028),

Gene: Hetaeria_49 Start: 41734, Stop: 43089, Start Num: 57
Candidate Starts for Hetaeria_49:
(Start: 57 @41734 has 297 MA's), (69, 41785), (Start: 77 @41818 has 23 MA's), (112, 41947), (114, 41950), (119, 41965), (148, 42061), (156, 42100), (163, 42130), (172, 42166), (203, 42277), (212, 42307), (213, 42310), (235, 42376), (281, 42535), (290, 42583), (296, 42601), (310, 42649), (352, 42793), (369, 42853), (396, 42958), (416, 43045),

Gene: HighStump_49 Start: 41544, Stop: 42899, Start Num: 57
Candidate Starts for HighStump_49:
(Start: 57 @41544 has 297 MA's), (69, 41595), (Start: 77 @41628 has 23 MA's), (112, 41757), (114, 41760), (119, 41775), (148, 41871), (156, 41910), (163, 41940), (172, 41976), (203, 42087), (212, 42117), (213, 42120), (235, 42186), (281, 42345), (290, 42393), (296, 42411), (310, 42459), (352, 42603), (369, 42663), (396, 42768), (416, 42855),

Gene: Highbury_36 Start: 31516, Stop: 32373, Start Num: 136
Candidate Starts for Highbury_36:
(Start: 136 @31516 has 134 MA's), (146, 31555), (151, 31585), (156, 31606), (165, 31642), (173, 31672), (193, 31747), (208, 31795), (209, 31798), (215, 31822), (216, 31825), (223, 31840), (267, 32011), (303, 32125), (308, 32140), (310, 32146), (327, 32188), (329, 32191), (356, 32245), (381, 32323), (391, 32356),

Gene: Hilltopfarm_32 Start: 29119, Stop: 30342, Start Num: 62
Candidate Starts for Hilltopfarm_32:
(Start: 62 @29119 has 104 MA's), (66, 29143), (82, 29215), (85, 29239), (93, 29257), (97, 29266), (108, 29299), (114, 29329), (148, 29434), (156, 29473), (158, 29482), (164, 29506), (172, 29539), (187, 29587), (189, 29599), (210, 29671), (228, 29728), (255, 29815), (281, 29902), (284, 29914), (290, 29941), (296, 29959), (297, 29962), (299, 29971), (339, 30061), (386, 30166), (407, 30253), (408, 30262),

Gene: Hlubikazi_32 Start: 28332, Stop: 29348, Start Num: 124
Candidate Starts for Hlubikazi_32:
(54, 28014), (55, 28020), (56, 28032), (Start: 60 @28044 has 1 MA's), (64, 28056), (Start: 124 @28332 has 17 MA's), (158, 28464), (163, 28485), (169, 28506), (180, 28536), (184, 28548), (192, 28590), (200, 28614), (206, 28629), (208, 28641), (213, 28656), (249, 28752), (273, 28863), (283, 28884), (291, 28923), (296, 28935), (310, 28983), (320, 29010), (326, 29034), (331, 29049), (365, 29157), (380, 29205), (397, 29274), (404, 29304),

Gene: Hocus_48 Start: 41406, Stop: 42761, Start Num: 57
Candidate Starts for Hocus_48:
(Start: 57 @41406 has 297 MA's), (69, 41457), (Start: 77 @41490 has 23 MA's), (112, 41619), (114, 41622), (119, 41637), (148, 41733), (156, 41772), (163, 41802), (172, 41838), (203, 41949), (212, 41979), (213, 41982), (235, 42048), (281, 42207), (290, 42255), (296, 42273), (310, 42321), (352, 42465), (369, 42525), (396, 42630), (416, 42717),

Gene: HogWash_49 Start: 41715, Stop: 43070, Start Num: 57
Candidate Starts for HogWash_49:
(Start: 57 @41715 has 297 MA's), (69, 41766), (Start: 77 @41799 has 23 MA's), (114, 41931), (119, 41946), (148, 42042), (156, 42081), (163, 42111), (172, 42147), (203, 42258), (212, 42288), (213, 42291), (235, 42357), (281, 42516), (290, 42564), (296, 42582), (310, 42630), (352, 42774), (369, 42834), (396, 42939), (408, 42993), (416, 43026),

Gene: Holt_36 Start: 31135, Stop: 31992, Start Num: 136
Candidate Starts for Holt_36:
(Start: 136 @31135 has 134 MA's), (146, 31174), (151, 31204), (156, 31225), (165, 31261), (173, 31291), (193, 31366), (208, 31414), (209, 31417), (215, 31441), (216, 31444), (223, 31459), (267, 31630), (303, 31744), (308, 31759), (310, 31765), (327, 31807), (329, 31810), (356, 31864), (381, 31942), (391, 31975),

Gene: Hoonter_37 Start: 31848, Stop: 32705, Start Num: 136
Candidate Starts for Hoonter_37:
(Start: 136 @31848 has 134 MA's), (146, 31887), (151, 31917), (156, 31938), (165, 31974), (173, 32004), (193, 32079), (208, 32127), (209, 32130), (215, 32154), (216, 32157), (223, 32172), (267, 32343), (303, 32457), (308, 32472), (310, 32478), (327, 32520), (329, 32523), (356, 32577), (381, 32655), (391, 32688),

Gene: Hope_28 Start: 25201, Stop: 26409, Start Num: 62

Candidate Starts for Hope_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Hopey_37 Start: 32135, Stop: 32992, Start Num: 136
Candidate Starts for Hopey_37:
(Start: 136 @32135 has 134 MA's), (146, 32174), (151, 32204), (156, 32225), (165, 32261), (173, 32291), (193, 32366), (208, 32414), (209, 32417), (215, 32441), (216, 32444), (223, 32459), (267, 32630), (303, 32744), (308, 32759), (310, 32765), (327, 32807), (329, 32810), (356, 32864), (381, 32942), (391, 32975),

Gene: Horchata_49 Start: 41709, Stop: 43064, Start Num: 57
Candidate Starts for Horchata_49:
(Start: 57 @41709 has 297 MA's), (69, 41760), (Start: 77 @41793 has 23 MA's), (112, 41922), (114, 41925), (119, 41940), (148, 42036), (156, 42075), (163, 42105), (172, 42141), (203, 42252), (212, 42282), (213, 42285), (235, 42351), (281, 42510), (290, 42558), (296, 42576), (310, 42624), (352, 42768), (369, 42828), (396, 42933), (416, 43020),

Gene: Hotshotbaby7_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Hotshotbaby7_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (290, 26011), (297, 26032), (308, 26071), (310, 26077),

Gene: HufflyPuff_34 Start: 31842, Stop: 32699, Start Num: 136
Candidate Starts for HufflyPuff_34:
(Start: 136 @31842 has 134 MA's), (146, 31881), (151, 31911), (156, 31932), (165, 31968), (173, 31998), (193, 32073), (208, 32121), (209, 32124), (215, 32148), (216, 32151), (223, 32166), (267, 32337), (299, 32436), (303, 32451), (308, 32466), (310, 32472), (327, 32514), (329, 32517), (356, 32571), (381, 32649), (391, 32682),

Gene: Huphlepuff_58 Start: 32159, Stop: 33313, Start Num: 77
Candidate Starts for Huphlepuff_58:
(Start: 77 @32159 has 23 MA's), (86, 32210), (95, 32231), (109, 32276), (111, 32288), (119, 32303), (134, 32351), (147, 32396), (149, 32408), (155, 32438), (174, 32507), (188, 32558), (197, 32591), (203, 32609), (208, 32627), (209, 32630), (214, 32645), (218, 32654), (230, 32687), (246, 32738), (251, 32756), (287, 32882), (294, 32915), (298, 32927), (303, 32945), (313, 32978), (337, 33020), (340, 33029), (343, 33035), (350, 33053), (356, 33068), (377, 33122), (388, 33167), (392, 33179), (410, 33266), (420, 33305),

Gene: IHOP_35 Start: 32035, Stop: 32892, Start Num: 136
Candidate Starts for IHOP_35:
(Start: 136 @32035 has 134 MA's), (146, 32074), (151, 32104), (156, 32125), (165, 32161), (173, 32191), (193, 32266), (208, 32314), (209, 32317), (215, 32341), (216, 32344), (223, 32359), (267, 32530), (303, 32644), (308, 32659), (310, 32665), (327, 32707), (329, 32710), (356, 32764), (381, 32842), (391, 32875),

Gene: Icee_34 Start: 31516, Stop: 32373, Start Num: 136
Candidate Starts for Icee_34:
(Start: 136 @31516 has 134 MA's), (146, 31555), (151, 31585), (156, 31606), (165, 31642), (173, 31672), (193, 31747), (208, 31795), (209, 31798), (215, 31822), (216, 31825), (223, 31840), (267,

32011), (303, 32125), (308, 32140), (310, 32146), (327, 32188), (329, 32191), (356, 32245), (381, 32323), (391, 32356),

Gene: IdentityCrisis_26 Start: 21810, Stop: 22982, Start Num: 74
Candidate Starts for IdentityCrisis_26:
(39, 21432), (63, 21741), (Start: 74 @21810 has 3 MA's), (87, 21864), (88, 21867), (114, 21951), (126, 21996), (148, 22071), (152, 22092), (164, 22143), (172, 22176), (185, 22215), (187, 22227), (203, 22281), (222, 22332), (235, 22377), (241, 22392), (261, 22473), (271, 22512), (281, 22527), (284, 22539), (290, 22566), (321, 22653), (332, 22671), (356, 22734), (369, 22755), (377, 22779), (393, 22827), (408, 22902),

Gene: Impisi_27 Start: 22975, Stop: 24141, Start Num: 73
Candidate Starts for Impisi_27:
(Start: 73 @22975 has 55 MA's), (87, 23032), (114, 23119), (126, 23164), (127, 23167), (148, 23239), (152, 23260), (172, 23344), (185, 23383), (203, 23449), (212, 23479), (222, 23500), (235, 23545), (261, 23641), (271, 23680), (281, 23695), (284, 23707), (290, 23734), (321, 23821), (332, 23839), (335, 23845), (365, 23905), (393, 23986), (408, 24061), (419, 24103), (422, 24124), (423, 24130),

Gene: ImtiyazSitla_49 Start: 41392, Stop: 42747, Start Num: 57
Candidate Starts for ImtiyazSitla_49:
(Start: 57 @41392 has 297 MA's), (69, 41443), (Start: 77 @41476 has 23 MA's), (112, 41605), (114, 41608), (119, 41623), (148, 41719), (156, 41758), (163, 41788), (172, 41824), (203, 41935), (212, 41965), (213, 41968), (235, 42034), (281, 42193), (290, 42241), (296, 42259), (310, 42307), (352, 42451), (369, 42511), (396, 42616), (416, 42703),

Gene: Inca_34 Start: 30537, Stop: 31394, Start Num: 136
Candidate Starts for Inca_34:
(Start: 136 @30537 has 134 MA's), (146, 30576), (151, 30606), (156, 30627), (165, 30663), (173, 30693), (193, 30768), (208, 30816), (209, 30819), (215, 30843), (216, 30846), (223, 30861), (267, 31032), (299, 31131), (303, 31146), (308, 31161), (310, 31167), (327, 31209), (329, 31212), (356, 31266), (381, 31344), (391, 31377),

Gene: Inchworm_50 Start: 41830, Stop: 43185, Start Num: 57
Candidate Starts for Inchworm_50:
(Start: 57 @41830 has 297 MA's), (69, 41881), (Start: 77 @41914 has 23 MA's), (112, 42043), (114, 42046), (119, 42061), (148, 42157), (156, 42196), (163, 42226), (172, 42262), (203, 42373), (212, 42403), (213, 42406), (235, 42472), (281, 42631), (290, 42679), (296, 42697), (310, 42745), (352, 42889), (369, 42949), (396, 43054), (416, 43141),

Gene: Indlovu_46 Start: 41496, Stop: 42698, Start Num: 76
Candidate Starts for Indlovu_46:
(Start: 76 @41496 has 1 MA's), (Start: 77 @41499 has 23 MA's), (92, 41559), (114, 41631), (132, 41682), (134, 41688), (152, 41760), (155, 41775), (Start: 160 @41799 has 1 MA's), (174, 41847), (203, 41949), (204, 41952), (209, 41970), (214, 41985), (234, 42045), (246, 42078), (308, 42300), (312, 42312), (342, 42390), (347, 42411), (357, 42444), (368, 42465), (392, 42552), (398, 42579), (420, 42678),

Gene: Inventum_31 Start: 28184, Stop: 29200, Start Num: 124
Candidate Starts for Inventum_31:
(68, 27953), (70, 27956), (78, 28004), (113, 28139), (117, 28148), (Start: 124 @28184 has 17 MA's), (158, 28316), (163, 28337), (169, 28358), (180, 28388), (184, 28400), (192, 28442), (208, 28493), (249, 28604), (276, 28718), (283, 28736), (291, 28775), (299, 28799), (310, 28835), (320, 28862), (331, 28901), (346, 28949), (365, 29009), (380, 29057), (384, 29069), (395, 29114), (397, 29126),

(404, 29156),

Gene: Inverness_49 Start: 41718, Stop: 43073, Start Num: 57
Candidate Starts for Inverness_49:
(Start: 57 @41718 has 297 MA's), (69, 41769), (Start: 77 @41802 has 23 MA's), (112, 41931), (114, 41934), (119, 41949), (148, 42045), (156, 42084), (163, 42114), (172, 42150), (203, 42261), (212, 42291), (213, 42294), (235, 42360), (281, 42519), (290, 42567), (296, 42585), (310, 42633), (352, 42777), (369, 42837), (396, 42942), (408, 42996), (416, 43029),

Gene: Iridessa_49 Start: 41402, Stop: 42757, Start Num: 57
Candidate Starts for Iridessa_49:
(Start: 57 @41402 has 297 MA's), (69, 41453), (Start: 77 @41486 has 23 MA's), (112, 41615), (114, 41618), (119, 41633), (148, 41729), (156, 41768), (163, 41798), (172, 41834), (203, 41945), (212, 41975), (213, 41978), (235, 42044), (281, 42203), (290, 42251), (296, 42269), (310, 42317), (352, 42461), (369, 42521), (396, 42626), (416, 42713),

Gene: Iridoclysis_49 Start: 41689, Stop: 43044, Start Num: 57
Candidate Starts for Iridoclysis_49:
(Start: 57 @41689 has 297 MA's), (69, 41740), (Start: 77 @41773 has 23 MA's), (112, 41902), (114, 41905), (119, 41920), (148, 42016), (156, 42055), (163, 42085), (172, 42121), (203, 42232), (212, 42262), (213, 42265), (235, 42331), (281, 42490), (290, 42538), (296, 42556), (310, 42604), (352, 42748), (369, 42808), (396, 42913), (416, 43000),

Gene: IsaacEli_50 Start: 41848, Stop: 43203, Start Num: 57
Candidate Starts for IsaacEli_50:
(Start: 57 @41848 has 297 MA's), (69, 41899), (Start: 77 @41932 has 23 MA's), (112, 42061), (114, 42064), (119, 42079), (148, 42175), (156, 42214), (163, 42244), (172, 42280), (203, 42391), (212, 42421), (213, 42424), (235, 42490), (281, 42649), (290, 42697), (296, 42715), (310, 42763), (352, 42907), (369, 42967), (396, 43072), (416, 43159),

Gene: Island3_30 Start: 26243, Stop: 27409, Start Num: 73
Candidate Starts for Island3_30:
(30, 25709), (35, 25757), (39, 25862), (Start: 73 @26243 has 55 MA's), (75, 26252), (85, 26297), (87, 26300), (114, 26387), (126, 26432), (148, 26507), (152, 26528), (156, 26546), (172, 26612), (185, 26651), (187, 26663), (203, 26717), (212, 26747), (222, 26768), (235, 26813), (261, 26909), (271, 26948), (281, 26963), (284, 26975), (290, 27002), (321, 27089), (332, 27107), (335, 27113), (356, 27161), (377, 27206), (393, 27254), (408, 27329),

Gene: JDog_48 Start: 41426, Stop: 42781, Start Num: 57
Candidate Starts for JDog_48:
(Start: 57 @41426 has 297 MA's), (69, 41477), (Start: 77 @41510 has 23 MA's), (114, 41642), (119, 41657), (148, 41753), (156, 41792), (163, 41822), (172, 41858), (203, 41969), (212, 41999), (213, 42002), (235, 42068), (281, 42227), (290, 42275), (296, 42293), (310, 42341), (352, 42485), (369, 42545), (396, 42650), (408, 42704), (416, 42737),

Gene: JacAttac_50 Start: 41830, Stop: 43185, Start Num: 57
Candidate Starts for JacAttac_50:
(Start: 57 @41830 has 297 MA's), (69, 41881), (Start: 77 @41914 has 23 MA's), (112, 42043), (114, 42046), (119, 42061), (148, 42157), (156, 42196), (163, 42226), (172, 42262), (203, 42373), (212, 42403), (213, 42406), (235, 42472), (281, 42631), (290, 42679), (296, 42697), (310, 42745), (352, 42889), (369, 42949), (396, 43054), (416, 43141),

Gene: JakeO_48 Start: 41425, Stop: 42780, Start Num: 57

Candidate Starts for JakeO_48:
(Start: 57 @41425 has 297 MA's), (69, 41476), (Start: 77 @41509 has 23 MA's), (82, 41527), (112, 41638), (114, 41641), (119, 41656), (148, 41752), (156, 41791), (163, 41821), (172, 41857), (203, 41968), (212, 41998), (213, 42001), (235, 42067), (281, 42226), (290, 42274), (296, 42292), (310, 42340), (352, 42484), (369, 42544), (396, 42649), (416, 42736),

Gene: Jane_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Jane_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: JangoPhett_49 Start: 41700, Stop: 43055, Start Num: 57
Candidate Starts for JangoPhett_49:
(Start: 57 @41700 has 297 MA's), (69, 41751), (Start: 77 @41784 has 23 MA's), (112, 41913), (114, 41916), (119, 41931), (148, 42027), (156, 42066), (163, 42096), (172, 42132), (203, 42243), (212, 42273), (213, 42276), (235, 42342), (281, 42501), (290, 42549), (296, 42567), (310, 42615), (352, 42759), (369, 42819), (396, 42924), (416, 43011),

Gene: Jbug01_49 Start: 40920, Stop: 42275, Start Num: 57
Candidate Starts for Jbug01_49:
(Start: 57 @40920 has 297 MA's), (69, 40971), (Start: 77 @41004 has 23 MA's), (82, 41022), (112, 41133), (114, 41136), (119, 41151), (148, 41247), (156, 41286), (163, 41316), (172, 41352), (203, 41463), (212, 41493), (213, 41496), (235, 41562), (281, 41721), (290, 41769), (296, 41787), (310, 41835), (352, 41979), (369, 42039), (396, 42144), (416, 42231),

Gene: JeTaime_37 Start: 32659, Stop: 33516, Start Num: 136
Candidate Starts for JeTaime_37:
(Start: 136 @32659 has 134 MA's), (146, 32698), (151, 32728), (156, 32749), (165, 32785), (173, 32815), (193, 32890), (208, 32938), (209, 32941), (215, 32965), (216, 32968), (223, 32983), (267, 33154), (303, 33268), (308, 33283), (310, 33289), (327, 33331), (329, 33334), (356, 33388), (381, 33466), (391, 33499),

Gene: Jebeks_27 Start: 24037, Stop: 25203, Start Num: 73
Candidate Starts for Jebeks_27:
(Start: 73 @24037 has 55 MA's), (87, 24094), (114, 24181), (126, 24226), (148, 24301), (152, 24322), (172, 24406), (185, 24445), (203, 24511), (212, 24541), (222, 24562), (235, 24607), (261, 24703), (271, 24742), (281, 24757), (290, 24796), (321, 24883), (332, 24901), (335, 24907), (356, 24955), (369, 24976), (393, 25048), (408, 25123),

Gene: Jeilious_28 Start: 25200, Stop: 26408, Start Num: 62
Candidate Starts for Jeilious_28:
(48, 25107), (Start: 62 @25200 has 104 MA's), (108, 25374), (125, 25446), (156, 25545), (158, 25554), (164, 25578), (167, 25587), (172, 25611), (181, 25632), (187, 25659), (189, 25671), (210, 25743), (224, 25782), (281, 25971), (288, 25995), (290, 26010), (297, 26031), (310, 26076), (313, 26079), (339, 26130),

Gene: Jesabah_49 Start: 41428, Stop: 42783, Start Num: 57
Candidate Starts for Jesabah_49:
(Start: 57 @41428 has 297 MA's), (69, 41479), (Start: 77 @41512 has 23 MA's), (112, 41641), (114, 41644), (119, 41659), (148, 41755), (156, 41794), (163, 41824), (172, 41860), (203, 41971), (212, 42001), (213, 42004), (235, 42070), (281, 42229), (290, 42277), (296, 42295), (310, 42343), (352,

42487), (369, 42547), (396, 42652), (416, 42739),

Gene: Jillium_48 Start: 41419, Stop: 42774, Start Num: 57
Candidate Starts for Jillium_48:
(Start: 57 @41419 has 297 MA's), (69, 41470), (Start: 77 @41503 has 23 MA's), (112, 41632), (114, 41635), (119, 41650), (148, 41746), (156, 41785), (163, 41815), (172, 41851), (203, 41962), (212, 41992), (213, 41995), (235, 42061), (281, 42220), (290, 42268), (296, 42286), (310, 42334), (352, 42478), (369, 42538), (396, 42643), (416, 42730),

Gene: Jiminy_48 Start: 41260, Stop: 42615, Start Num: 57
Candidate Starts for Jiminy_48:
(Start: 57 @41260 has 297 MA's), (69, 41311), (Start: 77 @41344 has 23 MA's), (112, 41473), (114, 41476), (119, 41491), (148, 41587), (156, 41626), (163, 41656), (172, 41692), (203, 41803), (212, 41833), (213, 41836), (235, 41902), (281, 42061), (290, 42109), (296, 42127), (310, 42175), (352, 42319), (369, 42379), (396, 42484), (416, 42571),

Gene: Jiraiya_48 Start: 41413, Stop: 42768, Start Num: 57
Candidate Starts for Jiraiya_48:
(Start: 57 @41413 has 297 MA's), (69, 41464), (Start: 77 @41497 has 23 MA's), (112, 41626), (114, 41629), (119, 41644), (148, 41740), (156, 41779), (163, 41809), (172, 41845), (203, 41956), (212, 41986), (213, 41989), (235, 42055), (281, 42214), (290, 42262), (296, 42280), (310, 42328), (352, 42472), (369, 42532), (396, 42637), (416, 42724),

Gene: JoieB_57 Start: 32592, Stop: 33746, Start Num: 77
Candidate Starts for JoieB_57:
(Start: 77 @32592 has 23 MA's), (86, 32643), (95, 32664), (109, 32709), (111, 32721), (119, 32736), (134, 32784), (147, 32829), (149, 32841), (155, 32871), (174, 32940), (188, 32991), (197, 33024), (203, 33042), (208, 33060), (209, 33063), (214, 33078), (218, 33087), (230, 33120), (246, 33171), (251, 33189), (287, 33315), (294, 33348), (298, 33360), (303, 33378), (313, 33411), (337, 33453), (340, 33462), (343, 33468), (350, 33486), (356, 33501), (377, 33555), (388, 33600), (392, 33612), (410, 33699), (420, 33738),

Gene: Jolene_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Jolene_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (290, 26011), (297, 26032), (308, 26071), (310, 26077),

Gene: Jolie2_28 Start: 25718, Stop: 26938, Start Num: 62
Candidate Starts for Jolie2_28:
(49, 25637), (52, 25673), (53, 25679), (Start: 62 @25718 has 104 MA's), (114, 25922), (125, 25964), (156, 26072), (164, 26105), (172, 26138), (187, 26186), (210, 26270), (252, 26408), (281, 26498), (288, 26522), (290, 26537), (293, 26546), (297, 26558), (304, 26585), (308, 26597), (310, 26603), (313, 26606), (372, 26717), (395, 26798), (416, 26897), (417, 26900),

Gene: Jonghyun_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Jonghyun_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (290, 26011), (297, 26032), (308, 26071), (310, 26077),

Gene: JorRay_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for JorRay_28:

(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Jung_26 Start: 24014, Stop: 25180, Start Num: 73
Candidate Starts for Jung_26:
(Start: 73 @24014 has 55 MA's), (75, 24023), (85, 24068), (87, 24071), (114, 24158), (126, 24203), (138, 24236), (148, 24278), (152, 24299), (172, 24383), (185, 24422), (203, 24488), (212, 24518), (222, 24539), (235, 24584), (261, 24680), (271, 24719), (281, 24734), (284, 24746), (290, 24773), (321, 24860), (332, 24878), (335, 24884), (356, 24932), (393, 25025), (408, 25100),

Gene: Juniormint_27 Start: 24090, Stop: 25256, Start Num: 73
Candidate Starts for Juniormint_27:
(15, 23337), (35, 23604), (39, 23709), (Start: 73 @24090 has 55 MA's), (75, 24099), (85, 24144), (87, 24147), (114, 24234), (126, 24279), (148, 24354), (152, 24375), (156, 24393), (172, 24459), (185, 24498), (203, 24564), (212, 24594), (222, 24615), (235, 24660), (261, 24756), (271, 24795), (281, 24810), (290, 24849), (321, 24936), (332, 24954), (335, 24960), (356, 25008), (393, 25101), (408, 25176),

Gene: JustASigh_26 Start: 26068, Stop: 27300, Start Num: 62
Candidate Starts for JustASigh_26:
(42, 25912), (43, 25930), (47, 25975), (Start: 62 @26068 has 104 MA's), (103, 26224), (108, 26236), (119, 26281), (128, 26314), (148, 26365), (158, 26413), (172, 26470), (178, 26485), (187, 26521), (189, 26533), (218, 26632), (255, 26749), (269, 26830), (281, 26854), (290, 26893), (313, 26962), (316, 26968), (317, 26971), (334, 27004), (362, 27052), (408, 27220), (411, 27232),

Gene: KLucky39_49 Start: 41716, Stop: 43071, Start Num: 57
Candidate Starts for KLucky39_49:
(Start: 57 @41716 has 297 MA's), (69, 41767), (Start: 77 @41800 has 23 MA's), (112, 41929), (114, 41932), (119, 41947), (148, 42043), (156, 42082), (163, 42112), (172, 42148), (203, 42259), (212, 42289), (213, 42292), (235, 42358), (281, 42517), (290, 42565), (296, 42583), (310, 42631), (352, 42775), (369, 42835), (396, 42940), (416, 43027),

Gene: Kahve_48 Start: 41414, Stop: 42769, Start Num: 57
Candidate Starts for Kahve_48:
(Start: 57 @41414 has 297 MA's), (69, 41465), (Start: 77 @41498 has 23 MA's), (94, 41561), (112, 41627), (114, 41630), (119, 41645), (148, 41741), (156, 41780), (163, 41810), (172, 41846), (203, 41957), (212, 41987), (213, 41990), (235, 42056), (281, 42215), (290, 42263), (296, 42281), (310, 42329), (352, 42473), (369, 42533), (396, 42638), (416, 42725),

Gene: Kailash_49 Start: 41776, Stop: 43131, Start Num: 57
Candidate Starts for Kailash_49:
(Start: 57 @41776 has 297 MA's), (69, 41827), (Start: 77 @41860 has 23 MA's), (112, 41989), (114, 41992), (119, 42007), (148, 42103), (156, 42142), (163, 42172), (172, 42208), (203, 42319), (212, 42349), (213, 42352), (235, 42418), (281, 42577), (290, 42625), (296, 42643), (310, 42691), (352, 42835), (369, 42895), (396, 43000), (416, 43087),

Gene: Kanye_37 Start: 32844, Stop: 33701, Start Num: 136
Candidate Starts for Kanye_37:
(Start: 136 @32844 has 134 MA's), (146, 32883), (151, 32913), (156, 32934), (165, 32970), (173, 33000), (193, 33075), (208, 33123), (209, 33126), (215, 33150), (216, 33153), (223, 33168), (267, 33339), (303, 33453), (308, 33468), (310, 33474), (327, 33516), (329, 33519), (356, 33573), (381,

33651), (391, 33684),

Gene: Kareem_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Kareem_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Kari_27 Start: 24049, Stop: 25215, Start Num: 73
Candidate Starts for Kari_27:
(Start: 73 @24049 has 55 MA's), (87, 24106), (114, 24193), (126, 24238), (148, 24313), (152, 24334), (172, 24418), (185, 24457), (203, 24523), (212, 24553), (222, 24574), (235, 24619), (261, 24715), (271, 24754), (281, 24769), (284, 24781), (290, 24808), (321, 24895), (332, 24913), (335, 24919), (356, 24967), (369, 24988), (393, 25060), (408, 25135),

Gene: Karn_48 Start: 41420, Stop: 42775, Start Num: 57
Candidate Starts for Karn_48:
(Start: 57 @41420 has 297 MA's), (69, 41471), (Start: 77 @41504 has 23 MA's), (112, 41633), (114, 41636), (119, 41651), (148, 41747), (156, 41786), (163, 41816), (172, 41852), (203, 41963), (212, 41993), (213, 41996), (235, 42062), (281, 42221), (290, 42269), (296, 42287), (310, 42335), (352, 42479), (369, 42539), (396, 42644), (416, 42731),

Gene: Kasen3_28 Start: 25202, Stop: 26410, Start Num: 62
Candidate Starts for Kasen3_28:
(48, 25109), (Start: 62 @25202 has 104 MA's), (108, 25376), (125, 25448), (156, 25547), (158, 25556), (Start: 160 @25568 has 1 MA's), (164, 25580), (167, 25589), (172, 25613), (181, 25634), (187, 25661), (189, 25673), (210, 25745), (224, 25784), (281, 25973), (288, 25997), (290, 26012), (297, 26033), (310, 26078), (313, 26081), (339, 26132),

Gene: Katniss_50 Start: 41857, Stop: 43212, Start Num: 57
Candidate Starts for Katniss_50:
(Start: 57 @41857 has 297 MA's), (69, 41908), (Start: 77 @41941 has 23 MA's), (112, 42070), (114, 42073), (119, 42088), (148, 42184), (156, 42223), (163, 42253), (172, 42289), (203, 42400), (212, 42430), (213, 42433), (235, 42499), (281, 42658), (290, 42706), (296, 42724), (310, 42772), (352, 42916), (369, 42976), (396, 43081), (416, 43168),

Gene: KayaCho_42 Start: 40350, Stop: 41360, Start Num: 160
Candidate Starts for KayaCho_42:
(Start: 160 @40350 has 1 MA's), (169, 40380), (175, 40401), (176, 40404), (199, 40491), (260, 40704), (262, 40710), (279, 40767), (281, 40773), (285, 40794), (309, 40884), (322, 40920), (344, 41007), (356, 41070), (362, 41082), (367, 41094), (381, 41139), (395, 41193), (397, 41205), (424, 41337),

Gene: Keitherie_49 Start: 41760, Stop: 43115, Start Num: 57
Candidate Starts for Keitherie_49:
(Start: 57 @41760 has 297 MA's), (69, 41811), (Start: 77 @41844 has 23 MA's), (112, 41973), (114, 41976), (119, 41991), (148, 42087), (156, 42126), (163, 42156), (172, 42192), (203, 42303), (212, 42333), (213, 42336), (235, 42402), (281, 42561), (290, 42609), (296, 42627), (310, 42675), (352, 42819), (369, 42879), (396, 42984), (416, 43071),

Gene: Kevin1_27 Start: 22755, Stop: 23915, Start Num: 73
Candidate Starts for Kevin1_27:

(10, 21801), (15, 21996), (30, 22230), (39, 22383), (Start: 73 @22755 has 55 MA's), (87, 22812), (114, 22899), (148, 23019), (185, 23163), (187, 23175), (203, 23229), (211, 23256), (212, 23259), (222, 23280), (235, 23325), (255, 23388), (281, 23475), (284, 23487), (290, 23514), (297, 23535), (313, 23583), (321, 23601), (363, 23679), (371, 23694), (393, 23760),

Gene: Khan1_48 Start: 41435, Stop: 42790, Start Num: 57
Candidate Starts for Khan1_48:
(Start: 57 @41435 has 297 MA's), (69, 41486), (Start: 77 @41519 has 23 MA's), (112, 41648), (114, 41651), (119, 41666), (148, 41762), (156, 41801), (163, 41831), (172, 41867), (203, 41978), (212, 42008), (213, 42011), (235, 42077), (281, 42236), (290, 42284), (296, 42302), (310, 42350), (352, 42494), (369, 42554), (396, 42659), (416, 42746),

Gene: Kikipoo_50 Start: 41848, Stop: 43203, Start Num: 57
Candidate Starts for Kikipoo_50:
(Start: 57 @41848 has 297 MA's), (69, 41899), (Start: 77 @41932 has 23 MA's), (112, 42061), (114, 42064), (119, 42079), (148, 42175), (156, 42214), (163, 42244), (172, 42280), (203, 42391), (212, 42421), (213, 42424), (235, 42490), (281, 42649), (290, 42697), (296, 42715), (310, 42763), (352, 42907), (369, 42967), (396, 43072), (416, 43159),

Gene: KilKor_27 Start: 24311, Stop: 25477, Start Num: 73
Candidate Starts for KilKor_27:
(15, 23558), (24, 23729), (35, 23825), (39, 23930), (Start: 73 @24311 has 55 MA's), (75, 24320), (85, 24365), (87, 24368), (114, 24455), (126, 24500), (148, 24575), (152, 24596), (156, 24614), (172, 24680), (185, 24719), (203, 24785), (212, 24815), (222, 24836), (235, 24881), (261, 24977), (271, 25016), (281, 25031), (290, 25070), (321, 25157), (332, 25175), (335, 25181), (356, 25229), (393, 25322), (408, 25397),

Gene: Kimbrough_49 Start: 41421, Stop: 42776, Start Num: 57
Candidate Starts for Kimbrough_49:
(Start: 57 @41421 has 297 MA's), (69, 41472), (Start: 77 @41505 has 23 MA's), (82, 41523), (112, 41634), (114, 41637), (119, 41652), (148, 41748), (156, 41787), (163, 41817), (172, 41853), (203, 41964), (212, 41994), (213, 41997), (235, 42063), (281, 42222), (290, 42270), (296, 42288), (310, 42336), (352, 42480), (369, 42540), (396, 42645), (416, 42732),

Gene: Kimchi_37 Start: 31851, Stop: 32708, Start Num: 136
Candidate Starts for Kimchi_37:
(Start: 136 @31851 has 134 MA's), (146, 31890), (151, 31920), (156, 31941), (165, 31977), (173, 32007), (193, 32082), (208, 32130), (209, 32133), (215, 32157), (216, 32160), (223, 32175), (267, 32346), (303, 32460), (308, 32475), (310, 32481), (327, 32523), (329, 32526), (356, 32580), (381, 32658), (391, 32691),

Gene: Kinbote_33 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Kinbote_33:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: KingMidas_33 Start: 29367, Stop: 30383, Start Num: 124
Candidate Starts for KingMidas_33:

(80, 29223), (101, 29295), (Start: 124 @29367 has 17 MA's), (158, 29499), (163, 29520), (169, 29541), (192, 29625), (208, 29676), (249, 29787), (273, 29898), (283, 29919), (291, 29958), (296, 29970), (310, 30018), (320, 30045), (326, 30069), (331, 30084), (365, 30192), (384, 30252), (397, 30309), (404, 30339),

Gene: KingTut_40 Start: 37084, Stop: 38439, Start Num: 57
Candidate Starts for KingTut_40:
(Start: 57 @37084 has 297 MA's), (69, 37135), (Start: 77 @37168 has 23 MA's), (112, 37297), (114, 37300), (119, 37315), (148, 37411), (156, 37450), (163, 37480), (172, 37516), (203, 37627), (212, 37657), (213, 37660), (235, 37726), (281, 37885), (290, 37933), (296, 37951), (310, 37999), (352, 38143), (369, 38203), (396, 38308), (416, 38395),

Gene: KingVeVeVe_49 Start: 41692, Stop: 43047, Start Num: 57
Candidate Starts for KingVeVeVe_49:
(Start: 57 @41692 has 297 MA's), (69, 41743), (Start: 77 @41776 has 23 MA's), (82, 41794), (112, 41905), (114, 41908), (119, 41923), (148, 42019), (156, 42058), (163, 42088), (172, 42124), (203, 42235), (212, 42265), (213, 42268), (235, 42334), (281, 42493), (290, 42541), (296, 42559), (310, 42607), (352, 42751), (369, 42811), (396, 42916), (416, 43003),

Gene: Kiwot_49 Start: 41284, Stop: 42639, Start Num: 57
Candidate Starts for Kiwot_49:
(Start: 57 @41284 has 297 MA's), (69, 41335), (Start: 77 @41368 has 23 MA's), (82, 41386), (112, 41497), (114, 41500), (119, 41515), (148, 41611), (156, 41650), (163, 41680), (172, 41716), (203, 41827), (212, 41857), (213, 41860), (235, 41926), (281, 42085), (290, 42133), (296, 42151), (310, 42199), (352, 42343), (369, 42403), (396, 42508), (416, 42595),

Gene: KlimbOn_49 Start: 41710, Stop: 43065, Start Num: 57
Candidate Starts for KlimbOn_49:
(Start: 57 @41710 has 297 MA's), (69, 41761), (Start: 77 @41794 has 23 MA's), (82, 41812), (112, 41923), (114, 41926), (119, 41941), (148, 42037), (156, 42076), (163, 42106), (172, 42142), (203, 42253), (212, 42283), (213, 42286), (235, 42352), (281, 42511), (290, 42559), (296, 42577), (310, 42625), (352, 42769), (369, 42829), (396, 42934), (408, 42988), (416, 43021),

Gene: Kloppinator_50 Start: 42123, Stop: 43478, Start Num: 57
Candidate Starts for Kloppinator_50:
(Start: 57 @42123 has 297 MA's), (69, 42174), (Start: 77 @42207 has 23 MA's), (112, 42336), (114, 42339), (119, 42354), (148, 42450), (156, 42489), (163, 42519), (172, 42555), (203, 42666), (212, 42696), (213, 42699), (235, 42765), (281, 42924), (290, 42972), (296, 42990), (310, 43038), (352, 43182), (369, 43242), (396, 43347), (416, 43434),

Gene: Kostya_36 Start: 31859, Stop: 32716, Start Num: 136
Candidate Starts for Kostya_36:
(Start: 136 @31859 has 134 MA's), (146, 31898), (151, 31928), (156, 31949), (165, 31985), (173, 32015), (193, 32090), (208, 32138), (209, 32141), (215, 32165), (216, 32168), (223, 32183), (267, 32354), (303, 32468), (308, 32483), (310, 32489), (327, 32531), (329, 32534), (356, 32588), (381, 32666), (391, 32699),

Gene: Ksquared_27 Start: 24068, Stop: 25234, Start Num: 73
Candidate Starts for Ksquared_27:
(15, 23315), (35, 23582), (39, 23687), (Start: 73 @24068 has 55 MA's), (75, 24077), (85, 24122), (87, 24125), (114, 24212), (126, 24257), (148, 24332), (152, 24353), (156, 24371), (172, 24437), (185, 24476), (203, 24542), (212, 24572), (222, 24593), (235, 24638), (261, 24734), (271, 24773), (281, 24788), (290, 24827), (321, 24914), (332, 24932), (335, 24938), (356, 24986), (393, 25079), (408,

25154),

Gene: Kumao_39 Start: 34279, Stop: 35301, Start Num: 106
Candidate Starts for Kumao_39:
(89, 34234), (Start: 106 @34279 has 19 MA's), (110, 34306), (114, 34321), (Start: 129 @34375 has 1 MA's), (141, 34417), (144, 34429), (162, 34510), (174, 34549), (181, 34567), (186, 34594), (188, 34600), (192, 34621), (202, 34654), (206, 34663), (221, 34708), (232, 34741), (242, 34774), (243, 34777), (244, 34780), (247, 34789), (250, 34801), (251, 34804), (287, 34936), (311, 35029), (380, 35095), (383, 35104), (384, 35107), (385, 35110), (393, 35140), (395, 35152), (399, 35170), (419, 35263), (423, 35287),

Gene: Kwadwo_48 Start: 41396, Stop: 42751, Start Num: 57
Candidate Starts for Kwadwo_48:
(Start: 57 @41396 has 297 MA's), (69, 41447), (Start: 77 @41480 has 23 MA's), (112, 41609), (114, 41612), (119, 41627), (148, 41723), (156, 41762), (163, 41792), (172, 41828), (203, 41939), (212, 41969), (213, 41972), (235, 42038), (281, 42197), (290, 42245), (296, 42263), (310, 42311), (352, 42455), (369, 42515), (396, 42620), (416, 42707),

Gene: Kwksand96_48 Start: 41271, Stop: 42626, Start Num: 57
Candidate Starts for Kwksand96_48:
(Start: 57 @41271 has 297 MA's), (69, 41322), (Start: 77 @41355 has 23 MA's), (112, 41484), (114, 41487), (119, 41502), (148, 41598), (156, 41637), (163, 41667), (172, 41703), (203, 41814), (212, 41844), (213, 41847), (235, 41913), (281, 42072), (290, 42120), (296, 42138), (310, 42186), (352, 42330), (369, 42390), (396, 42495), (416, 42582),

Gene: Labeouficaum_48 Start: 41266, Stop: 42621, Start Num: 57
Candidate Starts for Labeouficaum_48:
(Start: 57 @41266 has 297 MA's), (69, 41317), (Start: 77 @41350 has 23 MA's), (112, 41479), (114, 41482), (119, 41497), (148, 41593), (156, 41632), (163, 41662), (172, 41698), (203, 41809), (212, 41839), (213, 41842), (235, 41908), (281, 42067), (290, 42115), (296, 42133), (310, 42181), (352, 42325), (369, 42385), (396, 42490), (416, 42577),

Gene: Langerak_27 Start: 24036, Stop: 25202, Start Num: 73
Candidate Starts for Langerak_27:
(Start: 73 @24036 has 55 MA's), (87, 24093), (114, 24180), (126, 24225), (148, 24300), (152, 24321), (172, 24405), (185, 24444), (203, 24510), (212, 24540), (222, 24561), (235, 24606), (261, 24702), (271, 24741), (281, 24756), (284, 24768), (290, 24795), (321, 24882), (332, 24900), (335, 24906), (356, 24954), (369, 24975), (393, 25047), (408, 25122),

Gene: Larson_51 Start: 41818, Stop: 43173, Start Num: 57
Candidate Starts for Larson_51:
(Start: 57 @41818 has 297 MA's), (69, 41869), (Start: 77 @41902 has 23 MA's), (112, 42031), (114, 42034), (119, 42049), (148, 42145), (156, 42184), (163, 42214), (172, 42250), (203, 42361), (212, 42391), (213, 42394), (235, 42460), (281, 42619), (290, 42667), (296, 42685), (310, 42733), (352, 42877), (369, 42937), (396, 43042), (416, 43129),

Gene: LasagnaCat_50 Start: 41842, Stop: 43197, Start Num: 57
Candidate Starts for LasagnaCat_50:
(Start: 57 @41842 has 297 MA's), (69, 41893), (Start: 77 @41926 has 23 MA's), (112, 42055), (114, 42058), (119, 42073), (148, 42169), (156, 42208), (163, 42238), (172, 42274), (203, 42385), (212, 42415), (213, 42418), (235, 42484), (281, 42643), (290, 42691), (296, 42709), (310, 42757), (352, 42901), (369, 42961), (396, 43066), (416, 43153),

Gene: Lasso_49 Start: 41671, Stop: 43026, Start Num: 57
Candidate Starts for Lasso_49:
(Start: 57 @41671 has 297 MA's), (69, 41722), (Start: 77 @41755 has 23 MA's), (112, 41884), (114, 41887), (119, 41902), (148, 41998), (156, 42037), (163, 42067), (172, 42103), (203, 42214), (212, 42244), (213, 42247), (235, 42313), (281, 42472), (290, 42520), (296, 42538), (310, 42586), (352, 42730), (369, 42790), (396, 42895), (416, 42982),

Gene: LeeLot_49 Start: 41723, Stop: 43078, Start Num: 57
Candidate Starts for LeeLot_49:
(Start: 57 @41723 has 297 MA's), (69, 41774), (Start: 77 @41807 has 23 MA's), (112, 41936), (114, 41939), (119, 41954), (148, 42050), (156, 42089), (163, 42119), (172, 42155), (203, 42266), (212, 42296), (213, 42299), (235, 42365), (281, 42524), (290, 42572), (296, 42590), (310, 42638), (352, 42782), (369, 42842), (396, 42947), (416, 43034),

Gene: Lego3393_48 Start: 41851, Stop: 43206, Start Num: 57
Candidate Starts for Lego3393_48:
(Start: 57 @41851 has 297 MA's), (69, 41902), (Start: 77 @41935 has 23 MA's), (112, 42064), (114, 42067), (119, 42082), (148, 42178), (156, 42217), (163, 42247), (172, 42283), (203, 42394), (212, 42424), (213, 42427), (235, 42493), (281, 42652), (290, 42700), (296, 42718), (310, 42766), (352, 42910), (369, 42970), (396, 43075), (416, 43162),

Gene: Legolas_49 Start: 41441, Stop: 42796, Start Num: 57
Candidate Starts for Legolas_49:
(Start: 57 @41441 has 297 MA's), (69, 41492), (Start: 77 @41525 has 23 MA's), (112, 41654), (114, 41657), (119, 41672), (148, 41768), (156, 41807), (163, 41837), (172, 41873), (203, 41984), (212, 42014), (213, 42017), (235, 42083), (281, 42242), (290, 42290), (296, 42308), (310, 42356), (352, 42500), (369, 42560), (396, 42665), (416, 42752),

Gene: Lehmann_49 Start: 41253, Stop: 42608, Start Num: 57
Candidate Starts for Lehmann_49:
(Start: 57 @41253 has 297 MA's), (69, 41304), (Start: 77 @41337 has 23 MA's), (112, 41466), (114, 41469), (119, 41484), (148, 41580), (156, 41619), (163, 41649), (172, 41685), (203, 41796), (212, 41826), (213, 41829), (235, 41895), (281, 42054), (290, 42102), (296, 42120), (310, 42168), (352, 42312), (369, 42372), (396, 42477), (416, 42564),

Gene: LeiMonet_49 Start: 41403, Stop: 42758, Start Num: 57
Candidate Starts for LeiMonet_49:
(Start: 57 @41403 has 297 MA's), (69, 41454), (Start: 77 @41487 has 23 MA's), (82, 41505), (112, 41616), (114, 41619), (119, 41634), (148, 41730), (156, 41769), (163, 41799), (172, 41835), (203, 41946), (212, 41976), (213, 41979), (235, 42045), (281, 42204), (290, 42252), (296, 42270), (310, 42318), (352, 42462), (369, 42522), (396, 42627), (416, 42714),

Gene: LemonSlice_49 Start: 41408, Stop: 42763, Start Num: 57
Candidate Starts for LemonSlice_49:
(Start: 57 @41408 has 297 MA's), (69, 41459), (Start: 77 @41492 has 23 MA's), (112, 41621), (114, 41624), (119, 41639), (148, 41735), (156, 41774), (163, 41804), (172, 41840), (203, 41951), (212, 41981), (213, 41984), (235, 42050), (281, 42209), (290, 42257), (296, 42275), (310, 42323), (352, 42467), (369, 42527), (396, 42632), (416, 42719),

Gene: Lemuria_29 Start: 26871, Stop: 28088, Start Num: 61
Candidate Starts for Lemuria_29:
(16, 26262), (17, 26289), (18, 26313), (21, 26334), (23, 26340), (25, 26388), (28, 26424), (31, 26442), (37, 26508), (38, 26535), (Start: 61 @26871 has 1 MA's), (114, 27075), (125, 27117), (148, 27186),

(156, 27225), (158, 27234), (164, 27258), (172, 27291), (178, 27306), (187, 27339), (210, 27423), (252, 27561), (281, 27651), (288, 27675), (290, 27690), (293, 27699), (297, 27711), (304, 27738), (308, 27750), (310, 27756), (313, 27759), (369, 27864), (416, 28050), (417, 28053),

Gene: Leozinho_33 Start: 27931, Stop: 28947, Start Num: 124
Candidate Starts for Leozinho_33:
(80, 27787), (101, 27859), (Start: 124 @27931 has 17 MA's), (158, 28063), (163, 28084), (169, 28105), (192, 28189), (208, 28240), (249, 28351), (273, 28462), (283, 28483), (291, 28522), (296, 28534), (310, 28582), (320, 28609), (326, 28633), (331, 28648), (365, 28756), (380, 28804), (384, 28816), (395, 28861), (397, 28873), (404, 28903),

Gene: Liefie_28 Start: 25200, Stop: 26408, Start Num: 62
Candidate Starts for Liefie_28:
(48, 25107), (Start: 62 @25200 has 104 MA's), (108, 25374), (125, 25446), (148, 25506), (156, 25545), (158, 25554), (164, 25578), (167, 25587), (172, 25611), (181, 25632), (187, 25659), (189, 25671), (210, 25743), (224, 25782), (281, 25971), (290, 26010), (297, 26031), (308, 26070), (310, 26076),

Gene: LilHazelnut_33 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for LilHazelnut_33:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Lilac_37 Start: 31355, Stop: 32212, Start Num: 136
Candidate Starts for Lilac_37:
(Start: 136 @31355 has 134 MA's), (146, 31394), (151, 31424), (156, 31445), (165, 31481), (173, 31511), (193, 31586), (208, 31634), (209, 31637), (215, 31661), (216, 31664), (223, 31679), (267, 31850), (303, 31964), (308, 31979), (310, 31985), (327, 32027), (329, 32030), (356, 32084), (381, 32162), (391, 32195),

Gene: Lilbit_55 Start: 32355, Stop: 33509, Start Num: 77
Candidate Starts for Lilbit_55:
(Start: 77 @32355 has 23 MA's), (86, 32406), (95, 32427), (109, 32472), (111, 32484), (119, 32499), (134, 32547), (147, 32592), (149, 32604), (155, 32634), (165, 32673), (174, 32703), (188, 32754), (197, 32787), (203, 32805), (208, 32823), (209, 32826), (214, 32841), (218, 32850), (230, 32883), (246, 32934), (251, 32952), (287, 33078), (294, 33111), (298, 33123), (303, 33141), (313, 33174), (337, 33216), (340, 33225), (343, 33231), (350, 33249), (356, 33264), (377, 33318), (388, 33363), (392, 33375), (410, 33462), (420, 33501),

Gene: Lilizi_37 Start: 31563, Stop: 32420, Start Num: 136
Candidate Starts for Lilizi_37:
(Start: 136 @31563 has 134 MA's), (146, 31602), (151, 31632), (156, 31653), (165, 31689), (173, 31719), (193, 31794), (208, 31842), (209, 31845), (215, 31869), (216, 31872), (223, 31887), (267, 32058), (303, 32172), (308, 32187), (310, 32193), (327, 32235), (329, 32238), (356, 32292), (381, 32370), (391, 32403),

Gene: Lilpickle_34 Start: 31065, Stop: 31922, Start Num: 136
Candidate Starts for Lilpickle_34:
(Start: 136 @31065 has 134 MA's), (146, 31104), (151, 31134), (156, 31155), (165, 31191), (173, 31221), (193, 31296), (208, 31344), (209, 31347), (215, 31371), (216, 31374), (223, 31389), (267,

31560), (303, 31674), (308, 31689), (310, 31695), (327, 31737), (329, 31740), (356, 31794), (381, 31872), (391, 31905),

Gene: LittleLaf_56 Start: 32084, Stop: 33238, Start Num: 77
Candidate Starts for LittleLaf_56:
(Start: 77 @32084 has 23 MA's), (86, 32135), (95, 32156), (109, 32201), (111, 32213), (119, 32228), (134, 32276), (147, 32321), (149, 32333), (155, 32363), (165, 32402), (174, 32432), (188, 32483), (197, 32516), (203, 32534), (208, 32552), (209, 32555), (214, 32570), (218, 32579), (230, 32612), (246, 32663), (251, 32681), (287, 32807), (294, 32840), (298, 32852), (303, 32870), (313, 32903), (337, 32945), (340, 32954), (343, 32960), (350, 32978), (356, 32993), (363, 33005), (377, 33047), (388, 33092), (392, 33104), (410, 33191), (420, 33230),

Gene: Livelaughbron_36 Start: 31972, Stop: 32829, Start Num: 136
Candidate Starts for Livelaughbron_36:
(Start: 136 @31972 has 134 MA's), (146, 32011), (151, 32041), (156, 32062), (165, 32098), (173, 32128), (193, 32203), (208, 32251), (209, 32254), (215, 32278), (216, 32281), (223, 32296), (267, 32467), (299, 32566), (303, 32581), (308, 32596), (310, 32602), (327, 32644), (329, 32647), (356, 32701), (381, 32779), (391, 32812),

Gene: Longacauda_48 Start: 41404, Stop: 42759, Start Num: 57
Candidate Starts for Longacauda_48:
(Start: 57 @41404 has 297 MA's), (69, 41455), (Start: 77 @41488 has 23 MA's), (112, 41617), (114, 41620), (119, 41635), (148, 41731), (156, 41770), (163, 41800), (172, 41836), (203, 41947), (212, 41977), (213, 41980), (235, 42046), (281, 42205), (290, 42253), (296, 42271), (310, 42319), (352, 42463), (369, 42523), (396, 42628), (416, 42715),

Gene: Lopsy_48 Start: 41269, Stop: 42624, Start Num: 57
Candidate Starts for Lopsy_48:
(Start: 57 @41269 has 297 MA's), (69, 41320), (Start: 77 @41353 has 23 MA's), (112, 41482), (114, 41485), (119, 41500), (148, 41596), (156, 41635), (163, 41665), (172, 41701), (203, 41812), (212, 41842), (213, 41845), (235, 41911), (281, 42070), (290, 42118), (296, 42136), (310, 42184), (352, 42328), (369, 42388), (396, 42493), (416, 42580),

Gene: LostAndPhound_48 Start: 41423, Stop: 42778, Start Num: 57
Candidate Starts for LostAndPhound_48:
(Start: 57 @41423 has 297 MA's), (69, 41474), (Start: 77 @41507 has 23 MA's), (82, 41525), (112, 41636), (114, 41639), (119, 41654), (148, 41750), (156, 41789), (163, 41819), (172, 41855), (203, 41966), (212, 41996), (213, 41999), (235, 42065), (281, 42224), (290, 42272), (296, 42290), (310, 42338), (352, 42482), (369, 42542), (396, 42647), (416, 42734),

Gene: LouisV14_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for LouisV14_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Lucky2013_48 Start: 39222, Stop: 40226, Start Num: 106
Candidate Starts for Lucky2013_48:
(Start: 106 @39222 has 19 MA's), (118, 39276), (135, 39327), (153, 39399), (174, 39474), (206, 39588), (208, 39600), (221, 39633), (243, 39702), (247, 39714), (250, 39726), (251, 39729), (259, 39774), (263, 39792), (311, 39954), (316, 39969), (320, 39978), (416, 40179),

Gene: LuckyMarjie_48 Start: 41411, Stop: 42766, Start Num: 57
Candidate Starts for LuckyMarjie_48:
(Start: 57 @41411 has 297 MA's), (69, 41462), (Start: 77 @41495 has 23 MA's), (112, 41624), (114, 41627), (119, 41642), (148, 41738), (156, 41777), (163, 41807), (172, 41843), (203, 41954), (212, 41984), (213, 41987), (235, 42053), (281, 42212), (290, 42260), (296, 42278), (310, 42326), (352, 42470), (369, 42530), (396, 42635), (416, 42722),

Gene: Luke_33 Start: 28294, Stop: 29529, Start Num: 62
Candidate Starts for Luke_33:
(Start: 62 @28294 has 104 MA's), (81, 28387), (85, 28420), (90, 28432), (96, 28444), (97, 28447), (114, 28510), (119, 28528), (128, 28561), (148, 28621), (156, 28660), (158, 28669), (159, 28672), (163, 28690), (172, 28726), (187, 28774), (189, 28786), (191, 28792), (209, 28855), (210, 28858), (218, 28885), (224, 28897), (254, 28999), (281, 29086), (290, 29125), (297, 29146), (326, 29215), (339, 29245), (356, 29278), (363, 29287), (366, 29293), (372, 29305), (375, 29314), (395, 29377), (408, 29446),

Gene: Lulumae_48 Start: 41396, Stop: 42751, Start Num: 57
Candidate Starts for Lulumae_48:
(Start: 57 @41396 has 297 MA's), (69, 41447), (Start: 77 @41480 has 23 MA's), (112, 41609), (114, 41612), (119, 41627), (148, 41723), (156, 41762), (163, 41792), (172, 41828), (203, 41939), (212, 41969), (213, 41972), (235, 42038), (281, 42197), (290, 42245), (296, 42263), (310, 42311), (352, 42455), (369, 42515), (396, 42620), (416, 42707),

Gene: Lulwa_49 Start: 41689, Stop: 43044, Start Num: 57
Candidate Starts for Lulwa_49:
(Start: 57 @41689 has 297 MA's), (69, 41740), (Start: 77 @41773 has 23 MA's), (112, 41902), (114, 41905), (119, 41920), (148, 42016), (156, 42055), (163, 42085), (172, 42121), (203, 42232), (212, 42262), (213, 42265), (235, 42331), (281, 42490), (290, 42538), (296, 42556), (310, 42604), (352, 42748), (369, 42808), (396, 42913), (416, 43000),

Gene: Lumine_48 Start: 41392, Stop: 42747, Start Num: 57
Candidate Starts for Lumine_48:
(Start: 57 @41392 has 297 MA's), (69, 41443), (Start: 77 @41476 has 23 MA's), (112, 41605), (114, 41608), (119, 41623), (148, 41719), (156, 41758), (163, 41788), (172, 41824), (203, 41935), (212, 41965), (213, 41968), (235, 42034), (281, 42193), (290, 42241), (296, 42259), (310, 42307), (352, 42451), (369, 42511), (396, 42616), (416, 42703),

Gene: Luna22_32 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Luna22_32:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: LunaBlu_34 Start: 28521, Stop: 29537, Start Num: 124
Candidate Starts for LunaBlu_34:
(68, 28290), (70, 28293), (78, 28341), (113, 28476), (117, 28485), (Start: 124 @28521 has 17 MA's), (158, 28653), (163, 28674), (169, 28695), (180, 28725), (184, 28737), (192, 28779), (208, 28830), (213, 28845), (249, 28941), (273, 29052), (283, 29073), (291, 29112), (296, 29124), (310, 29172), (320, 29199), (326, 29223), (331, 29238), (365, 29346), (380, 29394), (397, 29463), (404, 29493),

Gene: MISSy_34 Start: 31371, Stop: 32228, Start Num: 136
Candidate Starts for MISSy_34:
(Start: 136 @31371 has 134 MA's), (146, 31410), (151, 31440), (156, 31461), (165, 31497), (173, 31527), (193, 31602), (208, 31650), (209, 31653), (215, 31677), (216, 31680), (223, 31695), (267, 31866), (299, 31965), (303, 31980), (308, 31995), (310, 32001), (327, 32043), (329, 32046), (356, 32100), (381, 32178), (391, 32211),

Gene: MPhalcon_34 Start: 31364, Stop: 32221, Start Num: 136
Candidate Starts for MPhalcon_34:
(Start: 136 @31364 has 134 MA's), (146, 31403), (151, 31433), (156, 31454), (165, 31490), (173, 31520), (193, 31595), (208, 31643), (209, 31646), (215, 31670), (216, 31673), (223, 31688), (267, 31859), (303, 31973), (308, 31988), (310, 31994), (327, 32036), (329, 32039), (356, 32093), (381, 32171), (391, 32204),

Gene: MRabcd_48 Start: 41402, Stop: 42757, Start Num: 57
Candidate Starts for MRabcd_48:
(Start: 57 @41402 has 297 MA's), (69, 41453), (Start: 77 @41486 has 23 MA's), (82, 41504), (112, 41615), (114, 41618), (119, 41633), (148, 41729), (156, 41768), (163, 41798), (172, 41834), (203, 41945), (212, 41975), (213, 41978), (235, 42044), (281, 42203), (290, 42251), (296, 42269), (310, 42317), (352, 42461), (369, 42521), (396, 42626), (416, 42713),

Gene: MZKinsey_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for MZKinsey_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: MadamMonkfish_35 Start: 31276, Stop: 32133, Start Num: 136
Candidate Starts for MadamMonkfish_35:
(Start: 136 @31276 has 134 MA's), (146, 31315), (151, 31345), (156, 31366), (165, 31402), (173, 31432), (193, 31507), (208, 31555), (209, 31558), (215, 31582), (216, 31585), (223, 31600), (267, 31771), (303, 31885), (308, 31900), (310, 31906), (327, 31948), (329, 31951), (356, 32005), (381, 32083), (391, 32116),

Gene: Mag7_48 Start: 41326, Stop: 42681, Start Num: 57
Candidate Starts for Mag7_48:
(Start: 57 @41326 has 297 MA's), (69, 41377), (Start: 77 @41410 has 23 MA's), (112, 41539), (114, 41542), (119, 41557), (148, 41653), (156, 41692), (163, 41722), (172, 41758), (203, 41869), (212, 41899), (213, 41902), (235, 41968), (281, 42127), (290, 42175), (296, 42193), (310, 42241), (352, 42385), (369, 42445), (396, 42550), (416, 42637),

Gene: Magic8_49 Start: 41761, Stop: 43116, Start Num: 57
Candidate Starts for Magic8_49:
(Start: 57 @41761 has 297 MA's), (69, 41812), (Start: 77 @41845 has 23 MA's), (112, 41974), (114, 41977), (119, 41992), (148, 42088), (156, 42127), (163, 42157), (172, 42193), (203, 42304), (212, 42334), (213, 42337), (235, 42403), (281, 42562), (290, 42610), (296, 42628), (310, 42676), (352, 42820), (369, 42880), (396, 42985), (416, 43072),

Gene: Majeke_27 Start: 24058, Stop: 25224, Start Num: 73
Candidate Starts for Majeke_27:
(Start: 73 @24058 has 55 MA's), (87, 24115), (114, 24202), (126, 24247), (148, 24322), (152, 24343), (172, 24427), (185, 24466), (203, 24532), (212, 24562), (222, 24583), (235, 24628), (261, 24724),

(271, 24763), (281, 24778), (290, 24817), (321, 24904), (332, 24922), (335, 24928), (356, 24976), (369, 24997), (393, 25069), (408, 25144),

Gene: Maliketh_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Maliketh_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Malithi_27 Start: 23977, Stop: 25143, Start Num: 73
Candidate Starts for Malithi_27:
(Start: 73 @23977 has 55 MA's), (75, 23986), (85, 24031), (87, 24034), (114, 24121), (126, 24166), (138, 24199), (148, 24241), (152, 24262), (156, 24280), (172, 24346), (185, 24385), (203, 24451), (212, 24481), (222, 24502), (235, 24547), (261, 24643), (271, 24682), (281, 24697), (284, 24709), (290, 24736), (321, 24823), (332, 24841), (335, 24847), (356, 24895), (369, 24916), (393, 24988), (408, 25063),

Gene: Mana_48 Start: 41411, Stop: 42766, Start Num: 57
Candidate Starts for Mana_48:
(Start: 57 @41411 has 297 MA's), (69, 41462), (Start: 77 @41495 has 23 MA's), (82, 41513), (112, 41624), (114, 41627), (119, 41642), (148, 41738), (156, 41777), (163, 41807), (172, 41843), (203, 41954), (212, 41984), (213, 41987), (235, 42053), (281, 42212), (290, 42260), (296, 42278), (310, 42326), (352, 42470), (369, 42530), (396, 42635), (416, 42722),

Gene: Manad_49 Start: 41671, Stop: 43026, Start Num: 57
Candidate Starts for Manad_49:
(Start: 57 @41671 has 297 MA's), (69, 41722), (Start: 77 @41755 has 23 MA's), (112, 41884), (114, 41887), (119, 41902), (148, 41998), (156, 42037), (163, 42067), (172, 42103), (203, 42214), (212, 42244), (213, 42247), (235, 42313), (281, 42472), (290, 42520), (296, 42538), (310, 42586), (352, 42730), (369, 42790), (396, 42895), (408, 42949), (416, 42982),

Gene: Manda_36 Start: 32343, Stop: 33200, Start Num: 136
Candidate Starts for Manda_36:
(Start: 136 @32343 has 134 MA's), (146, 32382), (151, 32412), (156, 32433), (165, 32469), (173, 32499), (193, 32574), (208, 32622), (209, 32625), (215, 32649), (216, 32652), (223, 32667), (267, 32838), (303, 32952), (308, 32967), (310, 32973), (327, 33015), (329, 33018), (356, 33072), (381, 33150), (391, 33183),

Gene: Mandlovu_32 Start: 28274, Stop: 29290, Start Num: 124
Candidate Starts for Mandlovu_32:
(54, 27956), (55, 27962), (56, 27974), (Start: 60 @27986 has 1 MA's), (64, 27998), (Start: 124 @28274 has 17 MA's), (158, 28406), (163, 28427), (169, 28448), (180, 28478), (184, 28490), (192, 28532), (200, 28556), (206, 28571), (208, 28583), (213, 28598), (249, 28694), (273, 28805), (283, 28826), (291, 28865), (296, 28877), (310, 28925), (320, 28952), (326, 28976), (331, 28991), (365, 29099), (380, 29147), (397, 29216), (404, 29246),

Gene: Mangethe_27 Start: 24058, Stop: 25224, Start Num: 73
Candidate Starts for Mangethe_27:
(Start: 73 @24058 has 55 MA's), (87, 24115), (114, 24202), (126, 24247), (148, 24322), (152, 24343), (172, 24427), (185, 24466), (203, 24532), (212, 24562), (222, 24583), (235, 24628), (261, 24724), (271, 24763), (281, 24778), (290, 24817), (321, 24904), (332, 24922), (335, 24928), (356, 24976), (369, 24997), (393, 25069), (408, 25144),

Gene: Mao1_38 Start: 36347, Stop: 37516, Start Num: 74
Candidate Starts for Mao1_38:
(24, 35753), (30, 35816), (39, 35969), (63, 36278), (Start: 74 @36347 has 3 MA's), (87, 36401), (88, 36404), (114, 36488), (148, 36608), (152, 36629), (172, 36713), (185, 36752), (203, 36818), (222, 36869), (235, 36914), (241, 36929), (261, 37010), (271, 37049), (281, 37064), (284, 37076), (290, 37103), (321, 37190), (332, 37208), (338, 37220), (356, 37268), (369, 37289), (372, 37295), (386, 37340), (393, 37361), (408, 37436), (423, 37505),

Gene: Marcoliusprime_29 Start: 24807, Stop: 26009, Start Num: 106
Candidate Starts for Marcoliusprime_29:
(91, 24765), (Start: 106 @24807 has 19 MA's), (110, 24834), (Start: 124 @24891 has 17 MA's), (133, 24912), (140, 24939), (154, 24999), (161, 25035), (170, 25068), (171, 25071), (182, 25101), (197, 25167), (208, 25206), (233, 25284), (248, 25329), (259, 25386), (263, 25404), (311, 25569), (319, 25590), (324, 25611), (354, 25716), (359, 25731), (380, 25800), (395, 25857), (412, 25938),

Gene: Marmie_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Marmie_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Marshmallow_35 Start: 31856, Stop: 32713, Start Num: 136
Candidate Starts for Marshmallow_35:
(Start: 136 @31856 has 134 MA's), (146, 31895), (151, 31925), (156, 31946), (165, 31982), (173, 32012), (193, 32087), (208, 32135), (209, 32138), (215, 32162), (216, 32165), (223, 32180), (267, 32351), (303, 32465), (308, 32480), (310, 32486), (327, 32528), (329, 32531), (356, 32585), (381, 32663), (391, 32696),

Gene: Maru_48 Start: 41354, Stop: 42709, Start Num: 57
Candidate Starts for Maru_48:
(Start: 57 @41354 has 297 MA's), (69, 41405), (Start: 77 @41438 has 23 MA's), (112, 41567), (114, 41570), (119, 41585), (148, 41681), (156, 41720), (163, 41750), (172, 41786), (203, 41897), (212, 41927), (213, 41930), (235, 41996), (281, 42155), (290, 42203), (296, 42221), (310, 42269), (352, 42413), (369, 42473), (396, 42578), (416, 42665),

Gene: Marvin_53 Start: 31842, Stop: 32996, Start Num: 77
Candidate Starts for Marvin_53:
(Start: 77 @31842 has 23 MA's), (86, 31893), (95, 31914), (109, 31959), (111, 31971), (119, 31986), (134, 32034), (147, 32079), (149, 32091), (155, 32121), (174, 32190), (188, 32241), (197, 32274), (203, 32292), (208, 32310), (209, 32313), (214, 32328), (218, 32337), (230, 32370), (246, 32421), (251, 32439), (287, 32565), (294, 32598), (298, 32610), (303, 32628), (313, 32661), (337, 32703), (340, 32712), (343, 32718), (350, 32736), (356, 32751), (377, 32805), (388, 32850), (392, 32862), (410, 32949), (420, 32988),

Gene: MaryV_52 Start: 38366, Stop: 39331, Start Num: 124
Candidate Starts for MaryV_52:
(Start: 124 @38366 has 17 MA's), (143, 38429), (157, 38489), (163, 38504), (164, 38507), (168, 38519), (169, 38525), (186, 38561), (187, 38564), (208, 38636), (213, 38651), (219, 38657), (239, 38720), (249, 38750), (258, 38783), (273, 38846), (276, 38849), (286, 38888), (297, 38921), (304, 38948), (307, 38957), (320, 38990), (361, 39125), (366, 39140), (380, 39185), (391, 39227), (397, 39254), (407, 39296),

Gene: Maskar_49 Start: 41392, Stop: 42747, Start Num: 57
Candidate Starts for Maskar_49:
(Start: 57 @41392 has 297 MA's), (69, 41443), (Start: 77 @41476 has 23 MA's), (112, 41605), (114, 41608), (119, 41623), (148, 41719), (156, 41758), (163, 41788), (172, 41824), (203, 41935), (212, 41965), (213, 41968), (235, 42034), (281, 42193), (290, 42241), (296, 42259), (310, 42307), (352, 42451), (369, 42511), (396, 42616), (416, 42703),

Gene: Matalotodo_49 Start: 41706, Stop: 43061, Start Num: 57
Candidate Starts for Matalotodo_49:
(Start: 57 @41706 has 297 MA's), (69, 41757), (Start: 77 @41790 has 23 MA's), (112, 41919), (114, 41922), (119, 41937), (148, 42033), (156, 42072), (163, 42102), (172, 42138), (203, 42249), (212, 42279), (213, 42282), (235, 42348), (281, 42507), (290, 42555), (296, 42573), (310, 42621), (352, 42765), (369, 42825), (396, 42930), (416, 43017),

Gene: Maxxinista_36 Start: 31325, Stop: 32182, Start Num: 136
Candidate Starts for Maxxinista_36:
(Start: 136 @31325 has 134 MA's), (146, 31364), (151, 31394), (156, 31415), (165, 31451), (173, 31481), (193, 31556), (208, 31604), (209, 31607), (215, 31631), (216, 31634), (223, 31649), (267, 31820), (303, 31934), (308, 31949), (310, 31955), (327, 31997), (329, 32000), (356, 32054), (381, 32132), (391, 32165),

Gene: Mcshane_48 Start: 41403, Stop: 42758, Start Num: 57
Candidate Starts for Mcshane_48:
(Start: 57 @41403 has 297 MA's), (69, 41454), (Start: 77 @41487 has 23 MA's), (112, 41616), (114, 41619), (119, 41634), (148, 41730), (156, 41769), (163, 41799), (172, 41835), (203, 41946), (212, 41976), (213, 41979), (235, 42045), (281, 42204), (290, 42252), (296, 42270), (310, 42318), (352, 42462), (369, 42522), (396, 42627), (416, 42714),

Gene: Mecca_48 Start: 41409, Stop: 42764, Start Num: 57
Candidate Starts for Mecca_48:
(Start: 57 @41409 has 297 MA's), (69, 41460), (Start: 77 @41493 has 23 MA's), (82, 41511), (112, 41622), (114, 41625), (119, 41640), (148, 41736), (156, 41775), (163, 41805), (172, 41841), (203, 41952), (212, 41982), (213, 41985), (235, 42051), (281, 42210), (290, 42258), (296, 42276), (310, 42324), (352, 42468), (369, 42528), (396, 42633), (416, 42720),

Gene: Medindi_32 Start: 27797, Stop: 29101, Start Num: 60
Candidate Starts for Medindi_32:
(54, 27767), (55, 27773), (56, 27785), (Start: 60 @27797 has 1 MA's), (64, 27809), (Start: 124 @28085 has 17 MA's), (158, 28217), (163, 28238), (169, 28259), (180, 28289), (184, 28301), (192, 28343), (200, 28367), (206, 28382), (208, 28394), (249, 28505), (276, 28619), (283, 28637), (291, 28676), (299, 28700), (310, 28736), (320, 28763), (331, 28802), (365, 28910), (380, 28958), (397, 29027), (404, 29057),

Gene: Megamind20_49 Start: 41431, Stop: 42786, Start Num: 57
Candidate Starts for Megamind20_49:
(Start: 57 @41431 has 297 MA's), (69, 41482), (Start: 77 @41515 has 23 MA's), (112, 41644), (114, 41647), (119, 41662), (148, 41758), (156, 41797), (163, 41827), (172, 41863), (203, 41974), (212, 42004), (213, 42007), (235, 42073), (281, 42232), (290, 42280), (296, 42298), (310, 42346), (352, 42490), (369, 42550), (396, 42655), (416, 42742),

Gene: Megatron_50 Start: 41839, Stop: 43194, Start Num: 57
Candidate Starts for Megatron_50:

(Start: 57 @41839 has 297 MA's), (69, 41890), (Start: 77 @41923 has 23 MA's), (112, 42052), (114, 42055), (119, 42070), (148, 42166), (156, 42205), (163, 42235), (172, 42271), (203, 42382), (212, 42412), (213, 42415), (235, 42481), (281, 42640), (290, 42688), (296, 42706), (310, 42754), (352, 42898), (369, 42958), (396, 43063), (416, 43150),

Gene: Megiddo_27 Start: 24311, Stop: 25477, Start Num: 73
Candidate Starts for Megiddo_27:
(15, 23558), (24, 23729), (35, 23825), (39, 23930), (Start: 73 @24311 has 55 MA's), (75, 24320), (85, 24365), (87, 24368), (114, 24455), (126, 24500), (148, 24575), (152, 24596), (156, 24614), (172, 24680), (185, 24719), (203, 24785), (212, 24815), (222, 24836), (235, 24881), (261, 24977), (271, 25016), (281, 25031), (290, 25070), (321, 25157), (332, 25175), (335, 25181), (356, 25229), (393, 25322), (408, 25397),

Gene: Melc17_49 Start: 41701, Stop: 43056, Start Num: 57
Candidate Starts for Melc17_49:
(Start: 57 @41701 has 297 MA's), (69, 41752), (Start: 77 @41785 has 23 MA's), (114, 41917), (119, 41932), (148, 42028), (156, 42067), (163, 42097), (172, 42133), (203, 42244), (212, 42274), (213, 42277), (235, 42343), (281, 42502), (290, 42550), (296, 42568), (310, 42616), (352, 42760), (369, 42820), (396, 42925), (408, 42979), (416, 43012),

Gene: MelsMeow_49 Start: 41442, Stop: 42800, Start Num: 57
Candidate Starts for MelsMeow_49:
(Start: 57 @41442 has 297 MA's), (69, 41493), (Start: 77 @41526 has 23 MA's), (82, 41544), (112, 41655), (114, 41658), (119, 41673), (148, 41769), (156, 41808), (163, 41838), (172, 41874), (203, 41985), (212, 42015), (213, 42018), (235, 42084), (281, 42243), (290, 42291), (296, 42309), (310, 42357), (352, 42504), (369, 42564), (396, 42669), (416, 42756),

Gene: Mercurio_30 Start: 27399, Stop: 28616, Start Num: 62
Candidate Starts for Mercurio_30:
(Start: 62 @27399 has 104 MA's), (98, 27543), (125, 27645), (148, 27714), (156, 27753), (158, 27762), (164, 27786), (172, 27819), (178, 27834), (187, 27867), (210, 27951), (281, 28179), (290, 28218), (293, 28227), (297, 28239), (306, 28272), (308, 28278), (310, 28284), (313, 28287), (416, 28578), (417, 28581),

Gene: Mesh1_49 Start: 41718, Stop: 43073, Start Num: 57
Candidate Starts for Mesh1_49:
(Start: 57 @41718 has 297 MA's), (69, 41769), (Start: 77 @41802 has 23 MA's), (112, 41931), (114, 41934), (119, 41949), (148, 42045), (156, 42084), (163, 42114), (172, 42150), (203, 42261), (212, 42291), (213, 42294), (235, 42360), (281, 42519), (290, 42567), (296, 42585), (310, 42633), (352, 42777), (369, 42837), (396, 42942), (416, 43029),

Gene: Mesmerelda_48 Start: 41413, Stop: 42768, Start Num: 57
Candidate Starts for Mesmerelda_48:
(Start: 57 @41413 has 297 MA's), (69, 41464), (Start: 77 @41497 has 23 MA's), (112, 41626), (114, 41629), (119, 41644), (148, 41740), (156, 41779), (163, 41809), (172, 41845), (203, 41956), (212, 41986), (213, 41989), (235, 42055), (281, 42214), (290, 42262), (296, 42280), (310, 42328), (352, 42472), (369, 42532), (396, 42637), (416, 42724),

Gene: MiaZeal_48 Start: 38897, Stop: 39901, Start Num: 106
Candidate Starts for MiaZeal_48:
(Start: 106 @38897 has 19 MA's), (118, 38951), (135, 39002), (153, 39074), (174, 39149), (206, 39263), (208, 39275), (221, 39308), (243, 39377), (247, 39389), (250, 39401), (251, 39404), (259, 39449), (263, 39467), (311, 39629), (316, 39644), (320, 39653), (416, 39854),

Gene: MichaelPhcott_48 Start: 41323, Stop: 42678, Start Num: 57
Candidate Starts for MichaelPhcott_48:
(Start: 57 @41323 has 297 MA's), (69, 41374), (Start: 77 @41407 has 23 MA's), (112, 41536), (114, 41539), (119, 41554), (148, 41650), (156, 41689), (163, 41719), (172, 41755), (203, 41866), (212, 41896), (213, 41899), (235, 41965), (281, 42124), (290, 42172), (296, 42190), (310, 42238), (352, 42382), (369, 42442), (396, 42547), (416, 42634),

Gene: Mikota_49 Start: 41689, Stop: 43044, Start Num: 57
Candidate Starts for Mikota_49:
(Start: 57 @41689 has 297 MA's), (69, 41740), (Start: 77 @41773 has 23 MA's), (112, 41902), (114, 41905), (119, 41920), (148, 42016), (156, 42055), (163, 42085), (172, 42121), (203, 42232), (212, 42262), (213, 42265), (235, 42331), (281, 42490), (290, 42538), (296, 42556), (310, 42604), (352, 42748), (369, 42808), (396, 42913), (416, 43000),

Gene: Milly_29 Start: 24780, Stop: 25982, Start Num: 106
Candidate Starts for Milly_29:
(91, 24738), (Start: 106 @24780 has 19 MA's), (110, 24807), (116, 24828), (Start: 124 @24864 has 17 MA's), (133, 24885), (140, 24912), (154, 24972), (161, 25008), (170, 25041), (171, 25044), (182, 25074), (197, 25140), (208, 25179), (233, 25257), (248, 25302), (259, 25359), (263, 25377), (311, 25542), (319, 25563), (324, 25584), (348, 25662), (354, 25689), (359, 25704), (380, 25773), (395, 25830), (412, 25911),

Gene: Mindy_35 Start: 31636, Stop: 32493, Start Num: 136
Candidate Starts for Mindy_35:
(Start: 136 @31636 has 134 MA's), (146, 31675), (151, 31705), (156, 31726), (165, 31762), (173, 31792), (193, 31867), (208, 31915), (209, 31918), (215, 31942), (216, 31945), (223, 31960), (267, 32131), (303, 32245), (308, 32260), (310, 32266), (327, 32308), (329, 32311), (356, 32365), (381, 32443), (391, 32476),

Gene: MiniBoss_49 Start: 41695, Stop: 43050, Start Num: 57
Candidate Starts for MiniBoss_49:
(Start: 57 @41695 has 297 MA's), (69, 41746), (Start: 77 @41779 has 23 MA's), (82, 41797), (112, 41908), (114, 41911), (119, 41926), (148, 42022), (156, 42061), (163, 42091), (172, 42127), (203, 42238), (212, 42268), (213, 42271), (235, 42337), (281, 42496), (290, 42544), (296, 42562), (310, 42610), (352, 42754), (369, 42814), (396, 42919), (416, 43006),

Gene: MinionDave_34 Start: 28679, Stop: 29695, Start Num: 124
Candidate Starts for MinionDave_34:
(68, 28448), (70, 28451), (78, 28499), (113, 28634), (117, 28643), (Start: 124 @28679 has 17 MA's), (158, 28811), (163, 28832), (169, 28853), (180, 28883), (184, 28895), (192, 28937), (208, 28988), (213, 29003), (249, 29099), (273, 29210), (283, 29231), (291, 29270), (296, 29282), (310, 29330), (320, 29357), (326, 29381), (331, 29396), (365, 29504), (380, 29552), (397, 29621), (404, 29651),

Gene: Miniwave_35 Start: 32055, Stop: 32912, Start Num: 136
Candidate Starts for Miniwave_35:
(Start: 136 @32055 has 134 MA's), (146, 32094), (151, 32124), (156, 32145), (165, 32181), (173, 32211), (193, 32286), (208, 32334), (209, 32337), (215, 32361), (216, 32364), (223, 32379), (267, 32550), (303, 32664), (308, 32679), (310, 32685), (327, 32727), (329, 32730), (356, 32784), (381, 32862), (391, 32895),

Gene: Minnow_43 Start: 40336, Stop: 41346, Start Num: 160
Candidate Starts for Minnow_43:

(Start: 160 @40336 has 1 MA's), (169, 40366), (175, 40387), (176, 40390), (199, 40477), (260, 40690), (262, 40696), (281, 40759), (284, 40774), (285, 40780), (309, 40870), (322, 40906), (344, 40993), (356, 41056), (362, 41068), (367, 41080), (381, 41125), (397, 41191), (424, 41323),

Gene: Misfit_35 Start: 31945, Stop: 32802, Start Num: 136
Candidate Starts for Misfit_35:
(Start: 136 @31945 has 134 MA's), (146, 31984), (151, 32014), (156, 32035), (165, 32071), (173, 32101), (193, 32176), (208, 32224), (209, 32227), (215, 32251), (216, 32254), (223, 32269), (267, 32440), (303, 32554), (308, 32569), (310, 32575), (327, 32617), (329, 32620), (356, 32674), (381, 32752), (391, 32785),

Gene: MitKao_49 Start: 41421, Stop: 42776, Start Num: 57
Candidate Starts for MitKao_49:
(Start: 57 @41421 has 297 MA's), (69, 41472), (Start: 77 @41505 has 23 MA's), (82, 41523), (112, 41634), (114, 41637), (119, 41652), (148, 41748), (156, 41787), (163, 41817), (172, 41853), (203, 41964), (212, 41994), (213, 41997), (235, 42063), (281, 42222), (290, 42270), (296, 42288), (310, 42336), (352, 42480), (369, 42540), (396, 42645), (416, 42732),

Gene: Moldemort_36 Start: 31600, Stop: 32457, Start Num: 136
Candidate Starts for Moldemort_36:
(Start: 136 @31600 has 134 MA's), (146, 31639), (151, 31669), (156, 31690), (165, 31726), (173, 31756), (193, 31831), (208, 31879), (209, 31882), (215, 31906), (216, 31909), (223, 31924), (267, 32095), (303, 32209), (308, 32224), (310, 32230), (327, 32272), (329, 32275), (356, 32329), (381, 32407), (391, 32440),

Gene: MollyToe_35 Start: 32029, Stop: 32886, Start Num: 136
Candidate Starts for MollyToe_35:
(Start: 136 @32029 has 134 MA's), (146, 32068), (151, 32098), (156, 32119), (165, 32155), (173, 32185), (193, 32260), (208, 32308), (209, 32311), (215, 32335), (216, 32338), (223, 32353), (267, 32524), (299, 32623), (303, 32638), (308, 32653), (310, 32659), (327, 32701), (329, 32704), (356, 32758), (381, 32836), (391, 32869),

Gene: Morgushi_49 Start: 41410, Stop: 42765, Start Num: 57
Candidate Starts for Morgushi_49:
(Start: 57 @41410 has 297 MA's), (69, 41461), (Start: 77 @41494 has 23 MA's), (112, 41623), (114, 41626), (119, 41641), (148, 41737), (156, 41776), (163, 41806), (172, 41842), (203, 41953), (212, 41983), (213, 41986), (235, 42052), (281, 42211), (290, 42259), (296, 42277), (310, 42325), (352, 42469), (369, 42529), (396, 42634), (416, 42721),

Gene: Morty_50 Start: 41848, Stop: 43203, Start Num: 57
Candidate Starts for Morty_50:
(Start: 57 @41848 has 297 MA's), (69, 41899), (Start: 77 @41932 has 23 MA's), (112, 42061), (114, 42064), (119, 42079), (148, 42175), (156, 42214), (163, 42244), (172, 42280), (203, 42391), (212, 42421), (213, 42424), (235, 42490), (281, 42649), (290, 42697), (296, 42715), (310, 42763), (352, 42907), (369, 42967), (396, 43072), (416, 43159),

Gene: MosMoris_54 Start: 31775, Stop: 32929, Start Num: 77
Candidate Starts for MosMoris_54:
(Start: 77 @31775 has 23 MA's), (86, 31826), (95, 31847), (109, 31892), (111, 31904), (119, 31919), (134, 31967), (147, 32012), (149, 32024), (155, 32054), (174, 32123), (188, 32174), (197, 32207), (203, 32225), (208, 32243), (209, 32246), (214, 32261), (218, 32270), (230, 32303), (246, 32354), (251, 32372), (287, 32498), (294, 32531), (298, 32543), (303, 32561), (313, 32594), (337, 32636), (340, 32645), (343, 32651), (350, 32669), (356, 32684), (363, 32696), (371, 32717), (377, 32738),

(388, 32783), (392, 32795), (410, 32882), (420, 32921),

Gene: Mosaic_48 Start: 41415, Stop: 42770, Start Num: 57
Candidate Starts for Mosaic_48:
(Start: 57 @41415 has 297 MA's), (69, 41466), (Start: 77 @41499 has 23 MA's), (82, 41517), (112, 41628), (114, 41631), (119, 41646), (148, 41742), (156, 41781), (163, 41811), (172, 41847), (203, 41958), (212, 41988), (213, 41991), (235, 42057), (281, 42216), (290, 42264), (296, 42282), (310, 42330), (352, 42474), (369, 42534), (396, 42639), (416, 42726),

Gene: Mosby_34 Start: 31362, Stop: 32219, Start Num: 136
Candidate Starts for Mosby_34:
(Start: 136 @31362 has 134 MA's), (146, 31401), (151, 31431), (156, 31452), (165, 31488), (173, 31518), (193, 31593), (208, 31641), (209, 31644), (215, 31668), (216, 31671), (223, 31686), (267, 31857), (303, 31971), (308, 31986), (310, 31992), (327, 32034), (329, 32037), (356, 32091), (381, 32169), (391, 32202),

Gene: Mowgli_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Mowgli_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: MrPhizzler_49 Start: 41412, Stop: 42767, Start Num: 57
Candidate Starts for MrPhizzler_49:
(Start: 57 @41412 has 297 MA's), (69, 41463), (Start: 77 @41496 has 23 MA's), (112, 41625), (114, 41628), (119, 41643), (148, 41739), (156, 41778), (163, 41808), (172, 41844), (203, 41955), (212, 41985), (213, 41988), (235, 42054), (281, 42213), (290, 42261), (296, 42279), (310, 42327), (352, 42471), (369, 42531), (396, 42636), (416, 42723),

Gene: Mufasa_30 Start: 24878, Stop: 26089, Start Num: 106
Candidate Starts for Mufasa_30:
(26, 24167), (32, 24230), (34, 24254), (72, 24755), (Start: 77 @24776 has 23 MA's), (91, 24839), (Start: 106 @24878 has 19 MA's), (110, 24905), (116, 24926), (Start: 124 @24962 has 17 MA's), (140, 25007), (161, 25103), (170, 25136), (171, 25139), (182, 25169), (197, 25235), (208, 25274), (233, 25352), (248, 25397), (259, 25454), (263, 25472), (287, 25544), (311, 25637), (319, 25658), (324, 25679), (325, 25682), (354, 25796), (359, 25811), (380, 25880), (395, 25937), (412, 26018),

Gene: Mulan_49 Start: 41565, Stop: 42920, Start Num: 57
Candidate Starts for Mulan_49:
(Start: 57 @41565 has 297 MA's), (69, 41616), (Start: 77 @41649 has 23 MA's), (112, 41778), (114, 41781), (119, 41796), (148, 41892), (156, 41931), (163, 41961), (172, 41997), (203, 42108), (212, 42138), (213, 42141), (235, 42207), (281, 42366), (290, 42414), (296, 42432), (310, 42480), (352, 42624), (369, 42684), (396, 42789), (416, 42876),

Gene: Murdoc_49 Start: 41696, Stop: 43051, Start Num: 57
Candidate Starts for Murdoc_49:
(Start: 57 @41696 has 297 MA's), (69, 41747), (Start: 77 @41780 has 23 MA's), (112, 41909), (114, 41912), (119, 41927), (148, 42023), (156, 42062), (163, 42092), (172, 42128), (203, 42239), (212, 42269), (213, 42272), (235, 42338), (281, 42497), (290, 42545), (296, 42563), (310, 42611), (352, 42755), (369, 42815), (396, 42920), (416, 43007),

Gene: Murica_34 Start: 31842, Stop: 32699, Start Num: 136

Candidate Starts for Murica_34:
(Start: 136 @31842 has 134 MA's), (146, 31881), (151, 31911), (156, 31932), (165, 31968), (173, 31998), (193, 32073), (208, 32121), (209, 32124), (215, 32148), (216, 32151), (223, 32166), (267, 32337), (299, 32436), (303, 32451), (308, 32466), (310, 32472), (327, 32514), (329, 32517), (356, 32571), (381, 32649), (391, 32682),

Gene: Murphy_36 Start: 31837, Stop: 32694, Start Num: 136
Candidate Starts for Murphy_36:
(Start: 136 @31837 has 134 MA's), (146, 31876), (151, 31906), (156, 31927), (165, 31963), (173, 31993), (193, 32068), (208, 32116), (209, 32119), (215, 32143), (216, 32146), (223, 32161), (267, 32332), (303, 32446), (308, 32461), (310, 32467), (327, 32509), (329, 32512), (356, 32566), (381, 32644), (391, 32677),

Gene: Mutante_48 Start: 41415, Stop: 42770, Start Num: 57
Candidate Starts for Mutante_48:
(Start: 57 @41415 has 297 MA's), (69, 41466), (Start: 77 @41499 has 23 MA's), (112, 41628), (114, 41631), (119, 41646), (148, 41742), (156, 41781), (163, 41811), (172, 41847), (203, 41958), (212, 41988), (213, 41991), (235, 42057), (281, 42216), (290, 42264), (296, 42282), (310, 42330), (352, 42474), (369, 42534), (396, 42639), (416, 42726),

Gene: Myrale_35 Start: 31721, Stop: 32578, Start Num: 136
Candidate Starts for Myrale_35:
(Start: 136 @31721 has 134 MA's), (146, 31760), (151, 31790), (156, 31811), (165, 31847), (173, 31877), (193, 31952), (208, 32000), (209, 32003), (215, 32027), (216, 32030), (223, 32045), (267, 32216), (303, 32330), (308, 32345), (310, 32351), (327, 32393), (329, 32396), (356, 32450), (381, 32528), (391, 32561),

Gene: Nacho_0050 Start: 41842, Stop: 43197, Start Num: 57
Candidate Starts for Nacho_0050:
(Start: 57 @41842 has 297 MA's), (69, 41893), (Start: 77 @41926 has 23 MA's), (82, 41944), (112, 42055), (114, 42058), (119, 42073), (148, 42169), (156, 42208), (163, 42238), (172, 42274), (203, 42385), (212, 42415), (213, 42418), (235, 42484), (281, 42643), (290, 42691), (296, 42709), (310, 42757), (352, 42901), (369, 42961), (396, 43066), (416, 43153),

Gene: Nala_35 Start: 31876, Stop: 32733, Start Num: 136
Candidate Starts for Nala_35:
(Start: 136 @31876 has 134 MA's), (146, 31915), (151, 31945), (156, 31966), (165, 32002), (173, 32032), (193, 32107), (208, 32155), (209, 32158), (215, 32182), (216, 32185), (223, 32200), (267, 32371), (303, 32485), (308, 32500), (310, 32506), (327, 32548), (329, 32551), (356, 32605), (381, 32683), (391, 32716),

Gene: Nathan_49 Start: 41740, Stop: 43095, Start Num: 57
Candidate Starts for Nathan_49:
(Start: 57 @41740 has 297 MA's), (69, 41791), (Start: 77 @41824 has 23 MA's), (112, 41953), (114, 41956), (119, 41971), (148, 42067), (156, 42106), (163, 42136), (172, 42172), (203, 42283), (212, 42313), (213, 42316), (235, 42382), (281, 42541), (290, 42589), (296, 42607), (310, 42655), (352, 42799), (369, 42859), (396, 42964), (408, 43018), (416, 43051),

Gene: Necropolis_27 Start: 24049, Stop: 25215, Start Num: 73
Candidate Starts for Necropolis_27:
(Start: 73 @24049 has 55 MA's), (85, 24103), (87, 24106), (114, 24193), (126, 24238), (148, 24313), (152, 24334), (156, 24352), (172, 24418), (185, 24457), (203, 24523), (212, 24553), (222, 24574), (235, 24619), (261, 24715), (271, 24754), (281, 24769), (290, 24808), (321, 24895), (332, 24913),

(335, 24919), (356, 24967), (369, 24988), (393, 25060), (408, 25135),

Gene: Nehme_48 Start: 41454, Stop: 42809, Start Num: 57
Candidate Starts for Nehme_48:
(Start: 57 @41454 has 297 MA's), (69, 41505), (Start: 77 @41538 has 23 MA's), (112, 41667), (114, 41670), (119, 41685), (148, 41781), (156, 41820), (163, 41850), (172, 41886), (203, 41997), (212, 42027), (213, 42030), (235, 42096), (281, 42255), (290, 42303), (296, 42321), (310, 42369), (352, 42513), (369, 42573), (396, 42678), (416, 42765),

Gene: NelitzaMV_35 Start: 31926, Stop: 32783, Start Num: 136
Candidate Starts for NelitzaMV_35:
(Start: 136 @31926 has 134 MA's), (146, 31965), (151, 31995), (156, 32016), (165, 32052), (173, 32082), (193, 32157), (208, 32205), (209, 32208), (215, 32232), (216, 32235), (223, 32250), (267, 32421), (303, 32535), (308, 32550), (310, 32556), (327, 32598), (329, 32601), (356, 32655), (381, 32733), (391, 32766),

Gene: Neoh_28 Start: 25193, Stop: 26401, Start Num: 62
Candidate Starts for Neoh_28:
(48, 25100), (Start: 62 @25193 has 104 MA's), (108, 25367), (125, 25439), (156, 25538), (158, 25547), (164, 25571), (167, 25580), (172, 25604), (181, 25625), (187, 25652), (189, 25664), (210, 25736), (224, 25775), (281, 25964), (288, 25988), (290, 26003), (297, 26024), (310, 26069), (313, 26072), (339, 26123),

Gene: Newman_49 Start: 41713, Stop: 43068, Start Num: 57
Candidate Starts for Newman_49:
(Start: 57 @41713 has 297 MA's), (69, 41764), (Start: 77 @41797 has 23 MA's), (82, 41815), (112, 41926), (114, 41929), (119, 41944), (148, 42040), (156, 42079), (163, 42109), (172, 42145), (203, 42256), (212, 42286), (213, 42289), (235, 42355), (281, 42514), (290, 42562), (296, 42580), (310, 42628), (352, 42772), (369, 42832), (396, 42937), (408, 42991), (416, 43024),

Gene: NiaNia_52 Start: 41432, Stop: 42787, Start Num: 57
Candidate Starts for NiaNia_52:
(Start: 57 @41432 has 297 MA's), (69, 41483), (Start: 77 @41516 has 23 MA's), (112, 41645), (114, 41648), (119, 41663), (148, 41759), (156, 41798), (163, 41828), (172, 41864), (203, 41975), (212, 42005), (213, 42008), (235, 42074), (281, 42233), (290, 42281), (296, 42299), (310, 42347), (352, 42491), (369, 42551), (396, 42656), (416, 42743),

Gene: Nicole21_49 Start: 41717, Stop: 43072, Start Num: 57
Candidate Starts for Nicole21_49:
(Start: 57 @41717 has 297 MA's), (69, 41768), (Start: 77 @41801 has 23 MA's), (112, 41930), (114, 41933), (119, 41948), (148, 42044), (156, 42083), (163, 42113), (172, 42149), (203, 42260), (212, 42290), (213, 42293), (235, 42359), (281, 42518), (290, 42566), (296, 42584), (310, 42632), (352, 42776), (369, 42836), (396, 42941), (416, 43028),

Gene: Nimrod_35 Start: 32100, Stop: 32957, Start Num: 136
Candidate Starts for Nimrod_35:
(Start: 136 @32100 has 134 MA's), (146, 32139), (151, 32169), (156, 32190), (165, 32226), (173, 32256), (193, 32331), (208, 32379), (209, 32382), (215, 32406), (216, 32409), (223, 32424), (267, 32595), (303, 32709), (308, 32724), (310, 32730), (327, 32772), (329, 32775), (356, 32829), (381, 32907), (391, 32940),

Gene: NoShow_27 Start: 24413, Stop: 25492, Start Num: 99
Candidate Starts for NoShow_27:

(71, 24296), (Start: 99 @24413 has 3 MA's), (102, 24425), (105, 24428), (140, 24560), (150, 24599), (177, 24701), (179, 24707), (191, 24755), (207, 24797), (220, 24833), (226, 24851), (227, 24857), (255, 24944), (257, 24950), (266, 25004), (272, 25031), (281, 25046), (300, 25118), (305, 25136), (331, 25211), (375, 25316), (379, 25334), (386, 25349), (390, 25361), (402, 25409), (415, 25478),

Gene: NoSleep_36 Start: 31597, Stop: 32454, Start Num: 136
Candidate Starts for NoSleep_36:
(Start: 136 @31597 has 134 MA's), (146, 31636), (151, 31666), (156, 31687), (165, 31723), (173, 31753), (193, 31828), (208, 31876), (209, 31879), (215, 31903), (216, 31906), (223, 31921), (267, 32092), (303, 32206), (308, 32221), (310, 32227), (327, 32269), (329, 32272), (356, 32326), (381, 32404), (391, 32437),

Gene: NonchalantPear_35 Start: 31550, Stop: 32407, Start Num: 136
Candidate Starts for NonchalantPear_35:
(Start: 136 @31550 has 134 MA's), (146, 31589), (151, 31619), (156, 31640), (165, 31676), (173, 31706), (193, 31781), (208, 31829), (209, 31832), (215, 31856), (216, 31859), (223, 31874), (267, 32045), (303, 32159), (308, 32174), (310, 32180), (327, 32222), (329, 32225), (356, 32279), (381, 32357), (391, 32390),

Gene: Nova1_49 Start: 41355, Stop: 42710, Start Num: 57
Candidate Starts for Nova1_49:
(Start: 57 @41355 has 297 MA's), (69, 41406), (Start: 77 @41439 has 23 MA's), (82, 41457), (112, 41568), (114, 41571), (119, 41586), (148, 41682), (156, 41721), (163, 41751), (172, 41787), (203, 41898), (212, 41928), (213, 41931), (235, 41997), (281, 42156), (290, 42204), (296, 42222), (310, 42270), (352, 42414), (369, 42474), (396, 42579), (416, 42666),

Gene: NovoPizza_28 Start: 27896, Stop: 29269, Start Num: 58
Candidate Starts for NovoPizza_28:
(Start: 58 @27896 has 1 MA's), (Start: 77 @27986 has 23 MA's), (78, 27989), (96, 28052), (107, 28091), (119, 28136), (123, 28157), (128, 28169), (156, 28283), (167, 28322), (172, 28346), (218, 28502), (235, 28556), (261, 28652), (263, 28664), (281, 28715), (284, 28733), (290, 28763), (293, 28772), (296, 28781), (297, 28784), (310, 28829), (328, 28886), (341, 28922), (362, 29012), (363, 29015), (366, 29021), (367, 29024), (375, 29048), (396, 29135), (400, 29147), (408, 29189),

Gene: Numberten_49 Start: 41708, Stop: 43063, Start Num: 57
Candidate Starts for Numberten_49:
(Start: 57 @41708 has 297 MA's), (69, 41759), (Start: 77 @41792 has 23 MA's), (112, 41921), (114, 41924), (119, 41939), (148, 42035), (156, 42074), (163, 42104), (172, 42140), (203, 42251), (212, 42281), (213, 42284), (235, 42350), (281, 42509), (290, 42557), (296, 42575), (310, 42623), (352, 42767), (369, 42827), (396, 42932), (416, 43019),

Gene: Nyala_48 Start: 41407, Stop: 42762, Start Num: 57
Candidate Starts for Nyala_48:
(Start: 57 @41407 has 297 MA's), (69, 41458), (Start: 77 @41491 has 23 MA's), (112, 41620), (114, 41623), (119, 41638), (148, 41734), (156, 41773), (163, 41803), (172, 41839), (203, 41950), (212, 41980), (213, 41983), (235, 42049), (281, 42208), (290, 42256), (296, 42274), (310, 42322), (352, 42466), (369, 42526), (396, 42631), (416, 42718),

Gene: OBUpride_33 Start: 28333, Stop: 29568, Start Num: 62
Candidate Starts for OBUpride_33:
(Start: 62 @28333 has 104 MA's), (81, 28426), (85, 28459), (90, 28471), (96, 28483), (97, 28486), (114, 28549), (119, 28567), (128, 28600), (148, 28660), (156, 28699), (158, 28708), (159, 28711), (163, 28729), (172, 28765), (187, 28813), (189, 28825), (191, 28831), (209, 28894), (210, 28897),

(218, 28924), (224, 28936), (254, 29038), (281, 29125), (290, 29164), (297, 29185), (326, 29254), (339, 29284), (356, 29317), (363, 29326), (366, 29332), (372, 29344), (375, 29353), (395, 29416), (408, 29485),

Gene: OSmaximus_50 Start: 41881, Stop: 43236, Start Num: 57
Candidate Starts for OSmaximus_50:
(Start: 57 @41881 has 297 MA's), (69, 41932), (Start: 77 @41965 has 23 MA's), (112, 42094), (114, 42097), (119, 42112), (148, 42208), (156, 42247), (163, 42277), (172, 42313), (203, 42424), (212, 42454), (213, 42457), (235, 42523), (281, 42682), (290, 42730), (296, 42748), (310, 42796), (352, 42940), (369, 43000), (396, 43105), (408, 43159), (416, 43192),

Gene: OctaviousRex_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for OctaviousRex_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Olak_48 Start: 41410, Stop: 42765, Start Num: 57
Candidate Starts for Olak_48:
(Start: 57 @41410 has 297 MA's), (69, 41461), (Start: 77 @41494 has 23 MA's), (112, 41623), (114, 41626), (119, 41641), (148, 41737), (156, 41776), (163, 41806), (172, 41842), (203, 41953), (212, 41983), (213, 41986), (235, 42052), (281, 42211), (290, 42259), (296, 42277), (310, 42325), (352, 42469), (369, 42529), (396, 42634), (416, 42721),

Gene: Olga_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Olga_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Oline_48 Start: 41270, Stop: 42625, Start Num: 57
Candidate Starts for Oline_48:
(Start: 57 @41270 has 297 MA's), (69, 41321), (Start: 77 @41354 has 23 MA's), (112, 41483), (114, 41486), (119, 41501), (148, 41597), (156, 41636), (163, 41666), (172, 41702), (203, 41813), (212, 41843), (213, 41846), (235, 41912), (281, 42071), (290, 42119), (296, 42137), (310, 42185), (352, 42329), (369, 42389), (396, 42494), (416, 42581),

Gene: Olive_49 Start: 41697, Stop: 43052, Start Num: 57
Candidate Starts for Olive_49:
(Start: 57 @41697 has 297 MA's), (69, 41748), (Start: 77 @41781 has 23 MA's), (90, 41835), (112, 41910), (114, 41913), (119, 41928), (148, 42024), (156, 42063), (163, 42093), (172, 42129), (203, 42240), (212, 42270), (213, 42273), (235, 42339), (281, 42498), (290, 42546), (296, 42564), (310, 42612), (352, 42756), (369, 42816), (396, 42921), (416, 43008),

Gene: OliverWalter_49 Start: 41719, Stop: 43074, Start Num: 57
Candidate Starts for OliverWalter_49:
(Start: 57 @41719 has 297 MA's), (69, 41770), (Start: 77 @41803 has 23 MA's), (112, 41932), (114, 41935), (119, 41950), (148, 42046), (156, 42085), (163, 42115), (172, 42151), (203, 42262), (212, 42292), (213, 42295), (235, 42361), (281, 42520), (290, 42568), (296, 42586), (310, 42634), (352, 42778), (369, 42838), (396, 42943), (408, 42997), (416, 43030),

Gene: Omniscient_49 Start: 41716, Stop: 43071, Start Num: 57
Candidate Starts for Omniscient_49:
(Start: 57 @41716 has 297 MA's), (69, 41767), (Start: 77 @41800 has 23 MA's), (82, 41818), (112, 41929), (114, 41932), (119, 41947), (148, 42043), (156, 42082), (163, 42112), (172, 42148), (203, 42259), (212, 42289), (213, 42292), (235, 42358), (281, 42517), (290, 42565), (296, 42583), (310, 42631), (352, 42775), (369, 42835), (396, 42940), (416, 43027),

Gene: OneBrain_50 Start: 41409, Stop: 42764, Start Num: 57
Candidate Starts for OneBrain_50:
(Start: 57 @41409 has 297 MA's), (69, 41460), (Start: 77 @41493 has 23 MA's), (112, 41622), (114, 41625), (119, 41640), (148, 41736), (156, 41775), (163, 41805), (172, 41841), (203, 41952), (212, 41982), (213, 41985), (235, 42051), (281, 42210), (290, 42258), (296, 42276), (310, 42324), (352, 42468), (369, 42528), (396, 42633), (416, 42720),

Gene: Oosterbaan_49 Start: 41704, Stop: 43059, Start Num: 57
Candidate Starts for Oosterbaan_49:
(Start: 57 @41704 has 297 MA's), (69, 41755), (Start: 77 @41788 has 23 MA's), (112, 41917), (114, 41920), (119, 41935), (148, 42031), (156, 42070), (163, 42100), (172, 42136), (203, 42247), (212, 42277), (213, 42280), (235, 42346), (281, 42505), (290, 42553), (296, 42571), (310, 42619), (352, 42763), (369, 42823), (396, 42928), (408, 42982), (416, 43015),

Gene: Orfeu_48 Start: 41403, Stop: 42758, Start Num: 57
Candidate Starts for Orfeu_48:
(Start: 57 @41403 has 297 MA's), (69, 41454), (Start: 77 @41487 has 23 MA's), (112, 41616), (114, 41619), (119, 41634), (148, 41730), (156, 41769), (163, 41799), (172, 41835), (203, 41946), (212, 41976), (213, 41979), (235, 42045), (281, 42204), (290, 42252), (296, 42270), (310, 42318), (352, 42462), (369, 42522), (396, 42627), (416, 42714),

Gene: Orion_50 Start: 41837, Stop: 43192, Start Num: 57
Candidate Starts for Orion_50:
(Start: 57 @41837 has 297 MA's), (69, 41888), (Start: 77 @41921 has 23 MA's), (112, 42050), (114, 42053), (119, 42068), (148, 42164), (156, 42203), (163, 42233), (172, 42269), (203, 42380), (212, 42410), (213, 42413), (235, 42479), (281, 42638), (290, 42686), (296, 42704), (310, 42752), (352, 42896), (369, 42956), (396, 43061), (416, 43148),

Gene: OrionPax_36 Start: 31603, Stop: 32460, Start Num: 136
Candidate Starts for OrionPax_36:
(Start: 136 @31603 has 134 MA's), (146, 31642), (151, 31672), (156, 31693), (165, 31729), (173, 31759), (193, 31834), (208, 31882), (209, 31885), (215, 31909), (216, 31912), (223, 31927), (267, 32098), (303, 32212), (308, 32227), (310, 32233), (327, 32275), (329, 32278), (356, 32332), (381, 32410), (391, 32443),

Gene: Orwigg_48 Start: 41403, Stop: 42758, Start Num: 57
Candidate Starts for Orwigg_48:
(Start: 57 @41403 has 297 MA's), (69, 41454), (Start: 77 @41487 has 23 MA's), (112, 41616), (114, 41619), (119, 41634), (148, 41730), (156, 41769), (163, 41799), (172, 41835), (203, 41946), (212, 41976), (213, 41979), (235, 42045), (281, 42204), (290, 42252), (296, 42270), (310, 42318), (352, 42462), (369, 42522), (396, 42627), (416, 42714),

Gene: PG1_50 Start: 41850, Stop: 43205, Start Num: 57
Candidate Starts for PG1_50:
(Start: 57 @41850 has 297 MA's), (69, 41901), (Start: 77 @41934 has 23 MA's), (112, 42063), (114, 42066), (119, 42081), (148, 42177), (156, 42216), (163, 42246), (172, 42282), (203, 42393), (212,

42423), (213, 42426), (235, 42492), (281, 42651), (290, 42699), (296, 42717), (310, 42765), (352, 42909), (369, 42969), (396, 43074), (416, 43161),

Gene: PYPDinur_26 Start: 25346, Stop: 26368, Start Num: 121
Candidate Starts for PYPDinur_26:
(Start: 121 @25346 has 9 MA's), (152, 25457), (164, 25490), (166, 25496), (168, 25502), (194, 25604), (195, 25607), (208, 25646), (217, 25667), (231, 25709), (249, 25766), (276, 25880), (304, 25985), (331, 26066), (333, 26069), (339, 26081), (346, 26114), (366, 26177), (371, 26189), (389, 26255), (391, 26264), (397, 26291),

Gene: Pacifista_48 Start: 41406, Stop: 42761, Start Num: 57
Candidate Starts for Pacifista_48:
(Start: 57 @41406 has 297 MA's), (69, 41457), (Start: 77 @41490 has 23 MA's), (112, 41619), (114, 41622), (119, 41637), (148, 41733), (156, 41772), (163, 41802), (172, 41838), (203, 41949), (212, 41979), (213, 41982), (235, 42048), (281, 42207), (290, 42255), (296, 42273), (310, 42321), (352, 42465), (369, 42525), (396, 42630), (416, 42717),

Gene: PaddyBaddy_36 Start: 31613, Stop: 32470, Start Num: 136
Candidate Starts for PaddyBaddy_36:
(Start: 136 @31613 has 134 MA's), (146, 31652), (151, 31682), (156, 31703), (165, 31739), (173, 31769), (193, 31844), (208, 31892), (209, 31895), (215, 31919), (216, 31922), (223, 31937), (267, 32108), (303, 32222), (308, 32237), (310, 32243), (327, 32285), (329, 32288), (356, 32342), (381, 32420), (391, 32453),

Gene: PaintedDog_30 Start: 25831, Stop: 27000, Start Num: 73
Candidate Starts for PaintedDog_30:
(51, 25705), (65, 25786), (Start: 73 @25831 has 55 MA's), (85, 25885), (87, 25888), (114, 25975), (127, 26023), (148, 26098), (158, 26146), (185, 26242), (187, 26254), (203, 26308), (211, 26335), (222, 26359), (235, 26404), (255, 26467), (271, 26539), (281, 26554), (284, 26566), (290, 26593), (321, 26680), (332, 26698), (335, 26704), (340, 26716), (363, 26761), (365, 26764), (369, 26773), (393, 26845), (408, 26920), (419, 26962), (422, 26983), (423, 26989),

Gene: Paito_28 Start: 25437, Stop: 26654, Start Num: 62
Candidate Starts for Paito_28:
(25, 24921), (37, 25041), (40, 25197), (Start: 62 @25437 has 104 MA's), (108, 25611), (125, 25683), (156, 25791), (164, 25824), (172, 25857), (181, 25878), (187, 25905), (189, 25917), (210, 25989), (224, 26028), (259, 26160), (281, 26217), (288, 26241), (290, 26256), (306, 26310), (308, 26316), (310, 26322), (313, 26325),

Gene: PallasAthena_48 Start: 41414, Stop: 42769, Start Num: 57
Candidate Starts for PallasAthena_48:
(Start: 57 @41414 has 297 MA's), (69, 41465), (Start: 77 @41498 has 23 MA's), (112, 41627), (114, 41630), (119, 41645), (148, 41741), (156, 41780), (163, 41810), (172, 41846), (203, 41957), (212, 41987), (213, 41990), (235, 42056), (281, 42215), (290, 42263), (296, 42281), (310, 42329), (352, 42473), (369, 42533), (396, 42638), (416, 42725),

Gene: Palpatine_35 Start: 31872, Stop: 32729, Start Num: 136
Candidate Starts for Palpatine_35:
(Start: 136 @31872 has 134 MA's), (146, 31911), (151, 31941), (156, 31962), (165, 31998), (173, 32028), (193, 32103), (208, 32151), (209, 32154), (215, 32178), (216, 32181), (223, 32196), (267, 32367), (299, 32466), (303, 32481), (308, 32496), (310, 32502), (327, 32544), (329, 32547), (356, 32601), (381, 32679), (391, 32712),

Gene: Paperbeatsrock_37 Start: 32838, Stop: 33695, Start Num: 136
Candidate Starts for Paperbeatsrock_37:
(Start: 136 @32838 has 134 MA's), (146, 32877), (151, 32907), (156, 32928), (165, 32964), (173, 32994), (193, 33069), (208, 33117), (209, 33120), (215, 33144), (216, 33147), (223, 33162), (267, 33333), (303, 33447), (308, 33462), (310, 33468), (327, 33510), (329, 33513), (356, 33567), (381, 33645), (391, 33678),

Gene: Pat3_34 Start: 30584, Stop: 31441, Start Num: 136
Candidate Starts for Pat3_34:
(Start: 136 @30584 has 134 MA's), (146, 30623), (151, 30653), (156, 30674), (165, 30710), (173, 30740), (193, 30815), (208, 30863), (209, 30866), (215, 30890), (216, 30893), (223, 30908), (267, 31079), (303, 31193), (308, 31208), (310, 31214), (327, 31256), (329, 31259), (356, 31313), (381, 31391), (391, 31424),

Gene: PeanutPie_27 Start: 24053, Stop: 25219, Start Num: 73
Candidate Starts for PeanutPie_27:
(14, 23210), (15, 23300), (24, 23471), (35, 23567), (39, 23672), (Start: 73 @24053 has 55 MA's), (75, 24062), (85, 24107), (87, 24110), (114, 24197), (126, 24242), (148, 24317), (152, 24338), (156, 24356), (172, 24422), (185, 24461), (203, 24527), (212, 24557), (222, 24578), (235, 24623), (261, 24719), (271, 24758), (281, 24773), (290, 24812), (321, 24899), (332, 24917), (335, 24923), (356, 24971), (393, 25064), (408, 25139),

Gene: Peeb_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Peeb_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (Start: 160 @25567 has 1 MA's), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Periodt_28 Start: 25201, Stop: 26400, Start Num: 62
Candidate Starts for Periodt_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25537), (158, 25546), (164, 25570), (167, 25579), (172, 25603), (181, 25624), (187, 25651), (189, 25663), (210, 25735), (224, 25774), (281, 25963), (290, 26002), (297, 26023), (308, 26062), (310, 26068),

Gene: Petra64142_37 Start: 32318, Stop: 33175, Start Num: 136
Candidate Starts for Petra64142_37:
(Start: 136 @32318 has 134 MA's), (146, 32357), (151, 32387), (156, 32408), (165, 32444), (173, 32474), (193, 32549), (208, 32597), (209, 32600), (215, 32624), (216, 32627), (223, 32642), (267, 32813), (299, 32912), (303, 32927), (308, 32942), (310, 32948), (327, 32990), (329, 32993), (356, 33047), (381, 33125), (391, 33158),

Gene: Phaja_35 Start: 32034, Stop: 32891, Start Num: 136
Candidate Starts for Phaja_35:
(Start: 136 @32034 has 134 MA's), (146, 32073), (151, 32103), (156, 32124), (165, 32160), (173, 32190), (193, 32265), (208, 32313), (209, 32316), (215, 32340), (216, 32343), (223, 32358), (267, 32529), (303, 32643), (308, 32658), (310, 32664), (327, 32706), (329, 32709), (356, 32763), (381, 32841), (391, 32874),

Gene: Phalm_27 Start: 24311, Stop: 25477, Start Num: 73
Candidate Starts for Phalm_27:
(15, 23558), (24, 23729), (35, 23825), (39, 23930), (Start: 73 @24311 has 55 MA's), (75, 24320), (85, 24365), (87, 24368), (114, 24455), (126, 24500), (148, 24575), (152, 24596), (156, 24614), (172,

24680), (185, 24719), (203, 24785), (212, 24815), (222, 24836), (235, 24881), (261, 24977), (271, 25016), (281, 25031), (290, 25070), (321, 25157), (332, 25175), (335, 25181), (356, 25229), (393, 25322), (408, 25397),

Gene: Phamished_50 Start: 41857, Stop: 43212, Start Num: 57
Candidate Starts for Phamished_50:
(Start: 57 @41857 has 297 MA's), (69, 41908), (Start: 77 @41941 has 23 MA's), (112, 42070), (114, 42073), (119, 42088), (148, 42184), (156, 42223), (163, 42253), (172, 42289), (203, 42400), (212, 42430), (213, 42433), (235, 42499), (281, 42658), (290, 42706), (296, 42724), (310, 42772), (352, 42916), (369, 42976), (396, 43081), (416, 43168),

Gene: Phareon_49 Start: 41405, Stop: 42760, Start Num: 57
Candidate Starts for Phareon_49:
(Start: 57 @41405 has 297 MA's), (69, 41456), (Start: 77 @41489 has 23 MA's), (112, 41618), (114, 41621), (119, 41636), (148, 41732), (156, 41771), (163, 41801), (172, 41837), (203, 41948), (212, 41978), (213, 41981), (235, 42047), (281, 42206), (290, 42254), (296, 42272), (310, 42320), (352, 42464), (369, 42524), (396, 42629), (416, 42716),

Gene: Pharsalus_36 Start: 32638, Stop: 33495, Start Num: 136
Candidate Starts for Pharsalus_36:
(Start: 136 @32638 has 134 MA's), (146, 32677), (151, 32707), (156, 32728), (165, 32764), (173, 32794), (193, 32869), (208, 32917), (209, 32920), (215, 32944), (216, 32947), (223, 32962), (267, 33133), (303, 33247), (308, 33262), (310, 33268), (327, 33310), (329, 33313), (356, 33367), (381, 33445), (391, 33478),

Gene: PhatBacter_35 Start: 31886, Stop: 32743, Start Num: 136
Candidate Starts for PhatBacter_35:
(Start: 136 @31886 has 134 MA's), (146, 31925), (151, 31955), (156, 31976), (165, 32012), (173, 32042), (193, 32117), (208, 32165), (209, 32168), (215, 32192), (216, 32195), (223, 32210), (267, 32381), (299, 32480), (303, 32495), (308, 32510), (310, 32516), (327, 32558), (329, 32561), (356, 32615), (381, 32693), (391, 32726),

Gene: PhatCats2014_50 Start: 41854, Stop: 43209, Start Num: 57
Candidate Starts for PhatCats2014_50:
(Start: 57 @41854 has 297 MA's), (69, 41905), (Start: 77 @41938 has 23 MA's), (112, 42067), (114, 42070), (119, 42085), (148, 42181), (156, 42220), (163, 42250), (172, 42286), (203, 42397), (212, 42427), (213, 42430), (235, 42496), (281, 42655), (290, 42703), (296, 42721), (310, 42769), (352, 42913), (369, 42973), (396, 43078), (416, 43165),

Gene: PhatLouie_49 Start: 41708, Stop: 43063, Start Num: 57
Candidate Starts for PhatLouie_49:
(Start: 57 @41708 has 297 MA's), (69, 41759), (Start: 77 @41792 has 23 MA's), (112, 41921), (114, 41924), (119, 41939), (148, 42035), (156, 42074), (163, 42104), (172, 42140), (203, 42251), (212, 42281), (213, 42284), (235, 42350), (281, 42509), (290, 42557), (296, 42575), (310, 42623), (352, 42767), (369, 42827), (396, 42932), (416, 43019),

Gene: Phaux_34 Start: 31884, Stop: 32741, Start Num: 136
Candidate Starts for Phaux_34:
(Start: 136 @31884 has 134 MA's), (146, 31923), (151, 31953), (156, 31974), (165, 32010), (173, 32040), (193, 32115), (208, 32163), (209, 32166), (215, 32190), (216, 32193), (223, 32208), (267, 32379), (299, 32478), (303, 32493), (308, 32508), (310, 32514), (327, 32556), (329, 32559), (356, 32613), (381, 32691), (391, 32724),

Gene: Phegasus_27 Start: 24058, Stop: 25224, Start Num: 73
Candidate Starts for Phegasus_27:
(Start: 73 @24058 has 55 MA's), (87, 24115), (114, 24202), (126, 24247), (148, 24322), (152, 24343), (172, 24427), (185, 24466), (203, 24532), (212, 24562), (222, 24583), (235, 24628), (261, 24724), (271, 24763), (281, 24778), (290, 24817), (321, 24904), (332, 24922), (335, 24928), (356, 24976), (369, 24997), (393, 25069), (408, 25144),

Gene: PhenghisKhan_48 Start: 41329, Stop: 42684, Start Num: 57
Candidate Starts for PhenghisKhan_48:
(Start: 57 @41329 has 297 MA's), (69, 41380), (Start: 77 @41413 has 23 MA's), (112, 41542), (114, 41545), (119, 41560), (148, 41656), (156, 41695), (163, 41725), (172, 41761), (203, 41872), (212, 41902), (213, 41905), (235, 41971), (281, 42130), (290, 42178), (296, 42196), (310, 42244), (352, 42388), (369, 42448), (396, 42553), (416, 42640),

Gene: Pherdinand_50 Start: 41845, Stop: 43221, Start Num: 57
Candidate Starts for Pherdinand_50:
(Start: 57 @41845 has 297 MA's), (69, 41896), (Start: 77 @41929 has 23 MA's), (112, 42058), (114, 42061), (119, 42076), (148, 42172), (156, 42211), (163, 42241), (172, 42277), (203, 42388), (212, 42418), (213, 42421), (235, 42487), (281, 42646), (290, 42694), (296, 42712), (310, 42760), (352, 42925), (369, 42985), (396, 43090), (416, 43177),

Gene: Phergie_49 Start: 41321, Stop: 42676, Start Num: 57
Candidate Starts for Phergie_49:
(Start: 57 @41321 has 297 MA's), (69, 41372), (Start: 77 @41405 has 23 MA's), (112, 41534), (114, 41537), (119, 41552), (148, 41648), (156, 41687), (163, 41717), (172, 41753), (203, 41864), (212, 41894), (213, 41897), (235, 41963), (281, 42122), (290, 42170), (296, 42188), (310, 42236), (352, 42380), (369, 42440), (396, 42545), (416, 42632),

Gene: Phineas_27 Start: 24423, Stop: 25589, Start Num: 73
Candidate Starts for Phineas_27:
(Start: 73 @24423 has 55 MA's), (87, 24480), (114, 24567), (126, 24612), (148, 24687), (152, 24708), (172, 24792), (185, 24831), (203, 24897), (212, 24927), (222, 24948), (235, 24993), (261, 25089), (271, 25128), (281, 25143), (290, 25182), (321, 25269), (332, 25287), (335, 25293), (356, 25341), (369, 25362), (393, 25434), (408, 25509),

Gene: Phipps_49 Start: 41685, Stop: 43040, Start Num: 57
Candidate Starts for Phipps_49:
(Start: 57 @41685 has 297 MA's), (69, 41736), (Start: 77 @41769 has 23 MA's), (112, 41898), (114, 41901), (119, 41916), (148, 42012), (156, 42051), (163, 42081), (172, 42117), (203, 42228), (212, 42258), (213, 42261), (235, 42327), (281, 42486), (290, 42534), (296, 42552), (310, 42600), (352, 42744), (369, 42804), (396, 42909), (416, 42996),

Gene: Phish_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Phish_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Phleuron_48 Start: 41326, Stop: 42681, Start Num: 57
Candidate Starts for Phleuron_48:
(Start: 57 @41326 has 297 MA's), (69, 41377), (Start: 77 @41410 has 23 MA's), (112, 41539), (114, 41542), (119, 41557), (148, 41653), (156, 41692), (163, 41722), (172, 41758), (203, 41869), (212,

41899), (213, 41902), (235, 41968), (281, 42127), (290, 42175), (296, 42193), (310, 42241), (352, 42385), (369, 42445), (396, 42550), (416, 42637),

Gene: Phloodle_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Phloodle_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (290, 26011), (297, 26032), (308, 26071), (310, 26077),

Gene: PhrankReynolds_47 Start: 41326, Stop: 42681, Start Num: 57
Candidate Starts for PhrankReynolds_47:
(Start: 57 @41326 has 297 MA's), (69, 41377), (Start: 77 @41410 has 23 MA's), (112, 41539), (114, 41542), (119, 41557), (148, 41653), (156, 41692), (163, 41722), (172, 41758), (203, 41869), (212, 41899), (213, 41902), (235, 41968), (281, 42127), (290, 42175), (296, 42193), (310, 42241), (352, 42385), (369, 42445), (396, 42550), (416, 42637),

Gene: Phrann_26 Start: 23199, Stop: 24365, Start Num: 73
Candidate Starts for Phrann_26:
(Start: 73 @23199 has 55 MA's), (87, 23256), (114, 23343), (126, 23388), (148, 23463), (152, 23484), (172, 23568), (185, 23607), (203, 23673), (212, 23703), (222, 23724), (235, 23769), (261, 23865), (271, 23904), (281, 23919), (284, 23931), (290, 23958), (321, 24045), (332, 24063), (335, 24069), (365, 24129), (393, 24210), (408, 24285), (419, 24327), (422, 24348), (423, 24354),

Gene: Phreak_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Phreak_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: PhrodoBaggins_49 Start: 41833, Stop: 43188, Start Num: 57
Candidate Starts for PhrodoBaggins_49:
(Start: 57 @41833 has 297 MA's), (69, 41884), (Start: 77 @41917 has 23 MA's), (112, 42046), (114, 42049), (119, 42064), (148, 42160), (156, 42199), (163, 42229), (172, 42265), (203, 42376), (212, 42406), (213, 42409), (235, 42475), (281, 42634), (290, 42682), (296, 42700), (310, 42748), (352, 42892), (369, 42952), (396, 43057), (416, 43144),

Gene: Phrux_35 Start: 31599, Stop: 32456, Start Num: 136
Candidate Starts for Phrux_35:
(Start: 136 @31599 has 134 MA's), (146, 31638), (151, 31668), (156, 31689), (165, 31725), (173, 31755), (193, 31830), (208, 31878), (209, 31881), (215, 31905), (216, 31908), (223, 31923), (267, 32094), (299, 32193), (303, 32208), (308, 32223), (310, 32229), (327, 32271), (329, 32274), (356, 32328), (381, 32406), (391, 32439),

Gene: Phunky_49 Start: 41702, Stop: 43057, Start Num: 57
Candidate Starts for Phunky_49:
(Start: 57 @41702 has 297 MA's), (69, 41753), (Start: 77 @41786 has 23 MA's), (112, 41915), (114, 41918), (119, 41933), (148, 42029), (156, 42068), (163, 42098), (172, 42134), (203, 42245), (212, 42275), (213, 42278), (235, 42344), (281, 42503), (290, 42551), (296, 42569), (310, 42617), (352, 42761), (369, 42821), (396, 42926), (416, 43013),

Gene: Piglet_0049 Start: 41827, Stop: 43182, Start Num: 57
Candidate Starts for Piglet_0049:

(Start: 57 @41827 has 297 MA's), (69, 41878), (Start: 77 @41911 has 23 MA's), (112, 42040), (114, 42043), (119, 42058), (148, 42154), (156, 42193), (163, 42223), (172, 42259), (203, 42370), (212, 42400), (213, 42403), (235, 42469), (281, 42628), (290, 42676), (296, 42694), (310, 42742), (352, 42886), (369, 42946), (396, 43051), (416, 43138),

Gene: PinheadLarry_49 Start: 41415, Stop: 42770, Start Num: 57
Candidate Starts for PinheadLarry_49:
(Start: 57 @41415 has 297 MA's), (69, 41466), (Start: 77 @41499 has 23 MA's), (112, 41628), (114, 41631), (119, 41646), (148, 41742), (156, 41781), (163, 41811), (172, 41847), (203, 41958), (212, 41988), (213, 41991), (235, 42057), (281, 42216), (290, 42264), (296, 42282), (310, 42330), (352, 42474), (369, 42534), (396, 42639), (416, 42726),

Gene: PinkYoshi_28 Start: 25192, Stop: 26400, Start Num: 62
Candidate Starts for PinkYoshi_28:
(48, 25099), (Start: 62 @25192 has 104 MA's), (108, 25366), (125, 25438), (156, 25537), (158, 25546), (164, 25570), (167, 25579), (172, 25603), (181, 25624), (187, 25651), (189, 25663), (210, 25735), (224, 25774), (281, 25963), (288, 25987), (290, 26002), (297, 26023), (310, 26068), (313, 26071), (339, 26122),

Gene: Pinkman_48 Start: 41264, Stop: 42619, Start Num: 57
Candidate Starts for Pinkman_48:
(Start: 57 @41264 has 297 MA's), (69, 41315), (Start: 77 @41348 has 23 MA's), (112, 41477), (114, 41480), (119, 41495), (148, 41591), (156, 41630), (163, 41660), (172, 41696), (203, 41807), (212, 41837), (213, 41840), (235, 41906), (281, 42065), (290, 42113), (296, 42131), (310, 42179), (352, 42323), (369, 42383), (396, 42488), (416, 42575),

Gene: Pipsqueak_49 Start: 41709, Stop: 43064, Start Num: 57
Candidate Starts for Pipsqueak_49:
(Start: 57 @41709 has 297 MA's), (69, 41760), (Start: 77 @41793 has 23 MA's), (112, 41922), (114, 41925), (119, 41940), (148, 42036), (156, 42075), (163, 42105), (172, 42141), (203, 42252), (212, 42282), (213, 42285), (235, 42351), (281, 42510), (290, 42558), (296, 42576), (310, 42624), (352, 42768), (369, 42828), (396, 42933), (416, 43020),

Gene: Placalicious_48 Start: 41402, Stop: 42757, Start Num: 57
Candidate Starts for Placalicious_48:
(Start: 57 @41402 has 297 MA's), (69, 41453), (Start: 77 @41486 has 23 MA's), (112, 41615), (114, 41618), (119, 41633), (148, 41729), (156, 41768), (163, 41798), (172, 41834), (203, 41945), (212, 41975), (213, 41978), (235, 42044), (281, 42203), (290, 42251), (296, 42269), (310, 42317), (352, 42461), (369, 42521), (396, 42626), (416, 42713),

Gene: Plagueis_28 Start: 25036, Stop: 26244, Start Num: 62
Candidate Starts for Plagueis_28:
(48, 24943), (Start: 62 @25036 has 104 MA's), (108, 25210), (125, 25282), (156, 25381), (158, 25390), (164, 25414), (167, 25423), (172, 25447), (181, 25468), (187, 25495), (189, 25507), (210, 25579), (224, 25618), (281, 25807), (288, 25831), (290, 25846), (297, 25867), (310, 25912), (313, 25915), (339, 25966),

Gene: Plata_48 Start: 41420, Stop: 42775, Start Num: 57
Candidate Starts for Plata_48:
(Start: 57 @41420 has 297 MA's), (69, 41471), (Start: 77 @41504 has 23 MA's), (82, 41522), (112, 41633), (114, 41636), (119, 41651), (148, 41747), (156, 41786), (163, 41816), (172, 41852), (203, 41963), (212, 41993), (213, 41996), (235, 42062), (281, 42221), (290, 42269), (296, 42287), (310, 42335), (352, 42479), (369, 42539), (396, 42644), (416, 42731),

Gene: Plmatters_49 Start: 41705, Stop: 43060, Start Num: 57
Candidate Starts for Plmatters_49:
(Start: 57 @41705 has 297 MA's), (69, 41756), (Start: 77 @41789 has 23 MA's), (112, 41918), (114, 41921), (119, 41936), (148, 42032), (156, 42071), (163, 42101), (172, 42137), (203, 42248), (212, 42278), (213, 42281), (235, 42347), (281, 42506), (290, 42554), (296, 42572), (310, 42620), (352, 42764), (369, 42824), (396, 42929), (416, 43016),

Gene: Podrick_49 Start: 41696, Stop: 43051, Start Num: 57
Candidate Starts for Podrick_49:
(Start: 57 @41696 has 297 MA's), (69, 41747), (Start: 77 @41780 has 23 MA's), (112, 41909), (114, 41912), (119, 41927), (148, 42023), (156, 42062), (163, 42092), (172, 42128), (203, 42239), (212, 42269), (213, 42272), (235, 42338), (281, 42497), (290, 42545), (296, 42563), (310, 42611), (352, 42755), (369, 42815), (396, 42920), (416, 43007),

Gene: Poise_56 Start: 31672, Stop: 32826, Start Num: 77
Candidate Starts for Poise_56:
(Start: 77 @31672 has 23 MA's), (86, 31723), (95, 31744), (109, 31789), (111, 31801), (119, 31816), (134, 31864), (147, 31909), (149, 31921), (155, 31951), (174, 32020), (188, 32071), (197, 32104), (203, 32122), (208, 32140), (209, 32143), (214, 32158), (218, 32167), (230, 32200), (246, 32251), (251, 32269), (287, 32395), (294, 32428), (298, 32440), (303, 32458), (313, 32491), (337, 32533), (340, 32542), (343, 32548), (350, 32566), (356, 32581), (377, 32635), (388, 32680), (392, 32692), (410, 32779), (420, 32818),

Gene: Policronamos_35 Start: 31884, Stop: 32741, Start Num: 136
Candidate Starts for Policronamos_35:
(Start: 136 @31884 has 134 MA's), (146, 31923), (151, 31953), (156, 31974), (165, 32010), (173, 32040), (193, 32115), (208, 32163), (209, 32166), (215, 32190), (216, 32193), (223, 32208), (267, 32379), (299, 32478), (303, 32493), (308, 32508), (310, 32514), (327, 32556), (329, 32559), (356, 32613), (381, 32691), (391, 32724),

Gene: Polkaroo_27 Start: 24068, Stop: 25234, Start Num: 73
Candidate Starts for Polkaroo_27:
(Start: 73 @24068 has 55 MA's), (87, 24125), (114, 24212), (126, 24257), (148, 24332), (152, 24353), (172, 24437), (185, 24476), (203, 24542), (212, 24572), (222, 24593), (235, 24638), (261, 24734), (271, 24773), (281, 24788), (284, 24800), (290, 24827), (321, 24914), (332, 24932), (335, 24938), (356, 24986), (393, 25079), (408, 25154),

Gene: Pops_49 Start: 41720, Stop: 43075, Start Num: 57
Candidate Starts for Pops_49:
(Start: 57 @41720 has 297 MA's), (69, 41771), (Start: 77 @41804 has 23 MA's), (112, 41933), (114, 41936), (119, 41951), (148, 42047), (156, 42086), (163, 42116), (172, 42152), (203, 42263), (212, 42293), (213, 42296), (235, 42362), (281, 42521), (290, 42569), (296, 42587), (310, 42635), (352, 42779), (369, 42839), (396, 42944), (408, 42998), (416, 43031),

Gene: Porcelain_47 Start: 38897, Stop: 39901, Start Num: 106
Candidate Starts for Porcelain_47:
(Start: 106 @38897 has 19 MA's), (118, 38951), (135, 39002), (153, 39074), (174, 39149), (206, 39263), (208, 39275), (221, 39308), (243, 39377), (247, 39389), (250, 39401), (251, 39404), (259, 39449), (263, 39467), (311, 39629), (316, 39644), (320, 39653), (416, 39854),

Gene: Porky_35 Start: 31695, Stop: 32552, Start Num: 136
Candidate Starts for Porky_35:

(Start: 136 @31695 has 134 MA's), (146, 31734), (151, 31764), (156, 31785), (165, 31821), (173, 31851), (193, 31926), (208, 31974), (209, 31977), (215, 32001), (216, 32004), (223, 32019), (267, 32190), (303, 32304), (308, 32319), (310, 32325), (327, 32367), (329, 32370), (356, 32424), (381, 32502), (391, 32535),

Gene: Potter_48 Start: 41432, Stop: 42787, Start Num: 57
Candidate Starts for Potter_48:
(Start: 57 @41432 has 297 MA's), (69, 41483), (Start: 77 @41516 has 23 MA's), (82, 41534), (112, 41645), (114, 41648), (119, 41663), (148, 41759), (156, 41798), (163, 41828), (172, 41864), (203, 41975), (212, 42005), (213, 42008), (235, 42074), (281, 42233), (290, 42281), (296, 42299), (310, 42347), (352, 42491), (369, 42551), (396, 42656), (416, 42743),

Gene: Prickles_49 Start: 41696, Stop: 43051, Start Num: 57
Candidate Starts for Prickles_49:
(Start: 57 @41696 has 297 MA's), (69, 41747), (Start: 77 @41780 has 23 MA's), (82, 41798), (112, 41909), (114, 41912), (119, 41927), (148, 42023), (156, 42062), (163, 42092), (172, 42128), (203, 42239), (212, 42269), (213, 42272), (235, 42338), (281, 42497), (290, 42545), (296, 42563), (310, 42611), (352, 42755), (369, 42815), (396, 42920), (408, 42974), (416, 43007),

Gene: Primanti_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Primanti_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Pringar_56 Start: 31960, Stop: 33114, Start Num: 77
Candidate Starts for Pringar_56:
(Start: 77 @31960 has 23 MA's), (86, 32011), (95, 32032), (109, 32077), (111, 32089), (119, 32104), (134, 32152), (147, 32197), (149, 32209), (155, 32239), (174, 32308), (188, 32359), (197, 32392), (203, 32410), (208, 32428), (209, 32431), (214, 32446), (218, 32455), (230, 32488), (246, 32539), (251, 32557), (287, 32683), (294, 32716), (298, 32728), (303, 32746), (313, 32779), (337, 32821), (340, 32830), (343, 32836), (350, 32854), (356, 32869), (377, 32923), (388, 32968), (392, 32980), (410, 33067), (420, 33106),

Gene: ProfessorX_49 Start: 41697, Stop: 43052, Start Num: 57
Candidate Starts for ProfessorX_49:
(Start: 57 @41697 has 297 MA's), (69, 41748), (Start: 77 @41781 has 23 MA's), (112, 41910), (114, 41913), (119, 41928), (148, 42024), (156, 42063), (163, 42093), (172, 42129), (203, 42240), (212, 42270), (213, 42273), (235, 42339), (281, 42498), (290, 42546), (296, 42564), (310, 42612), (352, 42756), (369, 42816), (396, 42921), (416, 43008),

Gene: Ptowny_36 Start: 31240, Stop: 32097, Start Num: 136
Candidate Starts for Ptowny_36:
(Start: 136 @31240 has 134 MA's), (146, 31279), (151, 31309), (156, 31330), (165, 31366), (173, 31396), (193, 31471), (208, 31519), (209, 31522), (215, 31546), (216, 31549), (223, 31564), (267, 31735), (299, 31834), (303, 31849), (308, 31864), (310, 31870), (327, 31912), (329, 31915), (356, 31969), (381, 32047), (391, 32080),

Gene: Puhltonio_49 Start: 41706, Stop: 43061, Start Num: 57
Candidate Starts for Puhltonio_49:
(Start: 57 @41706 has 297 MA's), (69, 41757), (Start: 77 @41790 has 23 MA's), (112, 41919), (114, 41922), (119, 41937), (148, 42033), (156, 42072), (163, 42102), (172, 42138), (203, 42249), (212,

42279), (213, 42282), (235, 42348), (281, 42507), (290, 42555), (296, 42573), (310, 42621), (352, 42765), (369, 42825), (396, 42930), (416, 43017),

Gene: Pumpkin_37 Start: 31935, Stop: 32792, Start Num: 136
Candidate Starts for Pumpkin_37:
(Start: 136 @31935 has 134 MA's), (146, 31974), (151, 32004), (156, 32025), (165, 32061), (173, 32091), (193, 32166), (208, 32214), (209, 32217), (215, 32241), (216, 32244), (223, 32259), (267, 32430), (303, 32544), (308, 32559), (310, 32565), (327, 32607), (329, 32610), (356, 32664), (381, 32742), (391, 32775),

Gene: Pygmy_29 Start: 25891, Stop: 27057, Start Num: 73
Candidate Starts for Pygmy_29:
(Start: 73 @25891 has 55 MA's), (87, 25948), (114, 26035), (126, 26080), (148, 26155), (152, 26176), (156, 26194), (172, 26260), (185, 26299), (203, 26365), (212, 26395), (222, 26416), (235, 26461), (261, 26557), (271, 26596), (281, 26611), (284, 26623), (290, 26650), (321, 26737), (332, 26755), (335, 26761), (356, 26809), (369, 26830), (393, 26902), (408, 26977),

Gene: Quallification_36 Start: 32064, Stop: 32921, Start Num: 136
Candidate Starts for Quallification_36:
(Start: 136 @32064 has 134 MA's), (146, 32103), (151, 32133), (156, 32154), (165, 32190), (173, 32220), (193, 32295), (208, 32343), (209, 32346), (215, 32370), (216, 32373), (223, 32388), (267, 32559), (303, 32673), (308, 32688), (310, 32694), (327, 32736), (329, 32739), (356, 32793), (381, 32871), (391, 32904),

Gene: Quby_26 Start: 25264, Stop: 26286, Start Num: 121
Candidate Starts for Quby_26:
(Start: 121 @25264 has 9 MA's), (152, 25375), (164, 25408), (166, 25414), (168, 25420), (194, 25522), (195, 25525), (208, 25564), (217, 25585), (231, 25627), (249, 25684), (276, 25798), (304, 25903), (331, 25984), (333, 25987), (346, 26032), (366, 26095), (371, 26107), (391, 26182), (397, 26209),

Gene: QueenBeane_49 Start: 41696, Stop: 43051, Start Num: 57
Candidate Starts for QueenBeane_49:
(Start: 57 @41696 has 297 MA's), (69, 41747), (Start: 77 @41780 has 23 MA's), (112, 41909), (114, 41912), (119, 41927), (148, 42023), (156, 42062), (163, 42092), (172, 42128), (203, 42239), (212, 42269), (213, 42272), (235, 42338), (281, 42497), (290, 42545), (296, 42563), (310, 42611), (352, 42755), (369, 42815), (396, 42920), (416, 43007),

Gene: QueenHazel_26 Start: 24219, Stop: 25385, Start Num: 73
Candidate Starts for QueenHazel_26:
(2, 22992), (6, 23166), (27, 23667), (39, 23847), (Start: 73 @24219 has 55 MA's), (87, 24276), (114, 24363), (127, 24411), (148, 24483), (152, 24504), (172, 24588), (185, 24627), (203, 24693), (212, 24723), (222, 24744), (235, 24789), (261, 24885), (271, 24924), (281, 24939), (290, 24978), (321, 25065), (332, 25083), (335, 25089), (356, 25137), (369, 25158), (393, 25230), (408, 25305), (419, 25347), (422, 25368), (423, 25374),

Gene: Quisquiliae_49 Start: 41733, Stop: 43088, Start Num: 57
Candidate Starts for Quisquiliae_49:
(Start: 57 @41733 has 297 MA's), (69, 41784), (Start: 77 @41817 has 23 MA's), (112, 41946), (114, 41949), (119, 41964), (148, 42060), (156, 42099), (163, 42129), (172, 42165), (203, 42276), (212, 42306), (213, 42309), (235, 42375), (281, 42534), (290, 42582), (296, 42600), (310, 42648), (352, 42792), (369, 42852), (396, 42957), (416, 43044),

Gene: Rabbs_28 Start: 25284, Stop: 26492, Start Num: 62

Candidate Starts for Rabbs_28:
(48, 25191), (Start: 62 @25284 has 104 MA's), (108, 25458), (125, 25530), (156, 25629), (158, 25638), (164, 25662), (167, 25671), (172, 25695), (181, 25716), (187, 25743), (189, 25755), (210, 25827), (224, 25866), (281, 26055), (290, 26094), (297, 26115), (308, 26154), (310, 26160),

Gene: Raela_56 Start: 32227, Stop: 33381, Start Num: 77
Candidate Starts for Raela_56:
(Start: 77 @32227 has 23 MA's), (86, 32278), (95, 32299), (109, 32344), (111, 32356), (119, 32371), (134, 32419), (147, 32464), (149, 32476), (155, 32506), (174, 32575), (188, 32626), (197, 32659), (203, 32677), (208, 32695), (209, 32698), (214, 32713), (218, 32722), (230, 32755), (246, 32806), (251, 32824), (287, 32950), (294, 32983), (298, 32995), (303, 33013), (313, 33046), (337, 33088), (340, 33097), (343, 33103), (350, 33121), (356, 33136), (377, 33190), (388, 33235), (392, 33247), (410, 33334), (420, 33373),

Gene: Rakim_36 Start: 31964, Stop: 32821, Start Num: 136
Candidate Starts for Rakim_36:
(Start: 136 @31964 has 134 MA's), (146, 32003), (151, 32033), (156, 32054), (165, 32090), (173, 32120), (193, 32195), (208, 32243), (209, 32246), (215, 32270), (216, 32273), (223, 32288), (267, 32459), (303, 32573), (308, 32588), (310, 32594), (327, 32636), (329, 32639), (356, 32693), (381, 32771), (391, 32804),

Gene: Rattrick_28 Start: 25201, Stop: 26400, Start Num: 62
Candidate Starts for Rattrick_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25537), (158, 25546), (164, 25570), (167, 25579), (172, 25603), (181, 25624), (187, 25651), (189, 25663), (210, 25735), (224, 25774), (281, 25963), (290, 26002), (297, 26023), (308, 26062), (310, 26068),

Gene: Rearden_43 Start: 38508, Stop: 39512, Start Num: 106
Candidate Starts for Rearden_43:
(Start: 106 @38508 has 19 MA's), (118, 38562), (135, 38613), (153, 38685), (174, 38760), (206, 38874), (208, 38886), (221, 38919), (243, 38988), (247, 39000), (250, 39012), (251, 39015), (259, 39060), (263, 39078), (311, 39240), (316, 39255), (320, 39264), (416, 39465),

Gene: RedMaple_49 Start: 41847, Stop: 43202, Start Num: 57
Candidate Starts for RedMaple_49:
(Start: 57 @41847 has 297 MA's), (69, 41898), (Start: 77 @41931 has 23 MA's), (112, 42060), (114, 42063), (119, 42078), (148, 42174), (156, 42213), (163, 42243), (172, 42279), (203, 42390), (212, 42420), (213, 42423), (235, 42489), (281, 42648), (290, 42696), (296, 42714), (310, 42762), (352, 42906), (369, 42966), (396, 43071), (408, 43125), (416, 43158),

Gene: RedRaider77_55 Start: 31616, Stop: 32770, Start Num: 77
Candidate Starts for RedRaider77_55:
(Start: 77 @31616 has 23 MA's), (86, 31667), (95, 31688), (109, 31733), (111, 31745), (119, 31760), (134, 31808), (147, 31853), (149, 31865), (155, 31895), (174, 31964), (188, 32015), (197, 32048), (203, 32066), (208, 32084), (209, 32087), (214, 32102), (218, 32111), (230, 32144), (246, 32195), (251, 32213), (287, 32339), (294, 32372), (298, 32384), (303, 32402), (313, 32435), (337, 32477), (340, 32486), (343, 32492), (350, 32510), (356, 32525), (377, 32579), (388, 32624), (392, 32636), (410, 32723), (420, 32762),

Gene: RedRaider89_50 Start: 41930, Stop: 43285, Start Num: 57
Candidate Starts for RedRaider89_50:
(Start: 57 @41930 has 297 MA's), (69, 41981), (Start: 77 @42014 has 23 MA's), (82, 42032), (112, 42143), (114, 42146), (119, 42161), (148, 42257), (156, 42296), (163, 42326), (172, 42362), (203,

42473), (212, 42503), (213, 42506), (235, 42572), (281, 42731), (290, 42779), (296, 42797), (310, 42845), (352, 42989), (369, 43049), (396, 43154), (416, 43241),

Gene: Rem711_36 Start: 28771, Stop: 29922, Start Num: 79
Candidate Starts for Rem711_36:
(Start: 79 @28771 has 1 MA's), (85, 28807), (183, 29104), (203, 29179), (210, 29203), (214, 29215), (220, 29227), (274, 29422), (290, 29476), (298, 29500), (303, 29518), (336, 29614), (351, 29665), (356, 29680), (398, 29818), (405, 29848), (420, 29914),

Gene: Remy19_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Remy19_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Renaissance_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Renaissance_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Richarlison_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Richarlison_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (Start: 160 @25567 has 1 MA's), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Ricotta_48 Start: 41419, Stop: 42774, Start Num: 57
Candidate Starts for Ricotta_48:
(Start: 57 @41419 has 297 MA's), (69, 41470), (Start: 77 @41503 has 23 MA's), (112, 41632), (114, 41635), (119, 41650), (148, 41746), (156, 41785), (163, 41815), (172, 41851), (203, 41962), (212, 41992), (213, 41995), (235, 42061), (281, 42220), (290, 42268), (296, 42286), (310, 42334), (352, 42478), (369, 42538), (396, 42643), (416, 42730),

Gene: Riggan_49 Start: 41692, Stop: 43047, Start Num: 57
Candidate Starts for Riggan_49:
(Start: 57 @41692 has 297 MA's), (69, 41743), (Start: 77 @41776 has 23 MA's), (112, 41905), (114, 41908), (119, 41923), (148, 42019), (156, 42058), (163, 42088), (172, 42124), (203, 42235), (212, 42265), (213, 42268), (235, 42334), (281, 42493), (290, 42541), (296, 42559), (310, 42607), (352, 42751), (369, 42811), (396, 42916), (416, 43003),

Gene: Rimmer_34 Start: 31424, Stop: 32281, Start Num: 136
Candidate Starts for Rimmer_34:
(Start: 136 @31424 has 134 MA's), (146, 31463), (151, 31493), (156, 31514), (165, 31550), (173, 31580), (193, 31655), (208, 31703), (209, 31706), (215, 31730), (216, 31733), (223, 31748), (267, 31919), (299, 32018), (303, 32033), (308, 32048), (310, 32054), (327, 32096), (329, 32099), (356, 32153), (381, 32231), (391, 32264),

Gene: Rimu_49 Start: 41432, Stop: 42787, Start Num: 57
Candidate Starts for Rimu_49:

(Start: 57 @41432 has 297 MA's), (69, 41483), (Start: 77 @41516 has 23 MA's), (112, 41645), (114, 41648), (119, 41663), (148, 41759), (156, 41798), (163, 41828), (172, 41864), (203, 41975), (212, 42005), (213, 42008), (235, 42074), (281, 42233), (290, 42281), (296, 42299), (310, 42347), (352, 42491), (369, 42551), (396, 42656), (416, 42743),

Gene: RiverMonster_35 Start: 31613, Stop: 32470, Start Num: 136
Candidate Starts for RiverMonster_35:
(Start: 136 @31613 has 134 MA's), (146, 31652), (151, 31682), (156, 31703), (165, 31739), (173, 31769), (193, 31844), (208, 31892), (209, 31895), (215, 31919), (216, 31922), (223, 31937), (267, 32108), (303, 32222), (308, 32237), (310, 32243), (327, 32285), (329, 32288), (356, 32342), (381, 32420), (391, 32453),

Gene: Riverton_49 Start: 41722, Stop: 43086, Start Num: 57
Candidate Starts for Riverton_49:
(Start: 57 @41722 has 297 MA's), (69, 41773), (Start: 77 @41806 has 23 MA's), (112, 41935), (114, 41938), (119, 41953), (148, 42049), (156, 42088), (163, 42118), (172, 42154), (203, 42265), (212, 42295), (213, 42298), (235, 42364), (281, 42523), (290, 42571), (296, 42589), (310, 42637), (352, 42781), (369, 42841), (396, 42946), (416, 43033),

Gene: Robyn_48 Start: 41288, Stop: 42643, Start Num: 57
Candidate Starts for Robyn_48:
(Start: 57 @41288 has 297 MA's), (69, 41339), (Start: 77 @41372 has 23 MA's), (112, 41501), (114, 41504), (119, 41519), (148, 41615), (156, 41654), (163, 41684), (172, 41720), (192, 41795), (203, 41831), (212, 41861), (213, 41864), (235, 41930), (281, 42089), (290, 42137), (296, 42155), (310, 42203), (352, 42347), (369, 42407), (396, 42512), (416, 42599),

Gene: Roliet_49 Start: 41705, Stop: 43060, Start Num: 57
Candidate Starts for Roliet_49:
(Start: 57 @41705 has 297 MA's), (69, 41756), (Start: 77 @41789 has 23 MA's), (82, 41807), (112, 41918), (114, 41921), (119, 41936), (148, 42032), (156, 42071), (163, 42101), (172, 42137), (203, 42248), (212, 42278), (213, 42281), (235, 42347), (281, 42506), (290, 42554), (296, 42572), (310, 42620), (352, 42764), (369, 42824), (396, 42929), (416, 43016),

Gene: Roscoe_50 Start: 41942, Stop: 43297, Start Num: 57
Candidate Starts for Roscoe_50:
(Start: 57 @41942 has 297 MA's), (69, 41993), (Start: 77 @42026 has 23 MA's), (112, 42155), (114, 42158), (119, 42173), (148, 42269), (156, 42308), (163, 42338), (172, 42374), (203, 42485), (212, 42515), (213, 42518), (235, 42584), (281, 42743), (290, 42791), (296, 42809), (310, 42857), (352, 43001), (369, 43061), (396, 43166), (416, 43253),

Gene: Rossetti_28 Start: 26527, Stop: 27555, Start Num: 121
Candidate Starts for Rossetti_28:
(Start: 121 @26527 has 9 MA's), (166, 26677), (201, 26806), (205, 26815), (249, 26947), (277, 27064), (280, 27073), (282, 27076), (284, 27091), (304, 27166), (309, 27181), (346, 27295), (353, 27322), (361, 27349), (366, 27364), (371, 27376), (389, 27442),

Gene: Roy17_49 Start: 41396, Stop: 42751, Start Num: 57
Candidate Starts for Roy17_49:
(Start: 57 @41396 has 297 MA's), (69, 41447), (Start: 77 @41480 has 23 MA's), (112, 41609), (114, 41612), (119, 41627), (148, 41723), (156, 41762), (163, 41792), (172, 41828), (203, 41939), (212, 41969), (213, 41972), (235, 42038), (281, 42197), (290, 42245), (296, 42263), (310, 42311), (352, 42455), (369, 42515), (396, 42620), (416, 42707),

Gene: Rubeelu_27 Start: 22757, Stop: 23917, Start Num: 73
Candidate Starts for Rubeelu_27:
(10, 21803), (15, 21998), (30, 22232), (39, 22385), (Start: 73 @22757 has 55 MA's), (87, 22814), (114, 22901), (148, 23021), (185, 23165), (187, 23177), (203, 23231), (212, 23261), (222, 23282), (235, 23327), (281, 23477), (284, 23489), (290, 23516), (297, 23537), (313, 23585), (321, 23603), (363, 23681), (371, 23696), (393, 23762), (419, 23879),

Gene: Rumpelstiltskin_28 Start: 26523, Stop: 27551, Start Num: 121
Candidate Starts for Rumpelstiltskin_28:
(Start: 121 @26523 has 9 MA's), (166, 26673), (201, 26802), (205, 26811), (249, 26943), (277, 27060), (280, 27069), (282, 27072), (284, 27087), (304, 27162), (309, 27177), (346, 27291), (353, 27318), (361, 27345), (366, 27360), (371, 27372), (389, 27438),

Gene: Ruriko_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Ruriko_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: SDcharge11_49 Start: 41683, Stop: 43038, Start Num: 57
Candidate Starts for SDcharge11_49:
(Start: 57 @41683 has 297 MA's), (69, 41734), (Start: 77 @41767 has 23 MA's), (82, 41785), (112, 41896), (114, 41899), (119, 41914), (148, 42010), (156, 42049), (163, 42079), (172, 42115), (203, 42226), (212, 42256), (213, 42259), (235, 42325), (281, 42484), (290, 42532), (296, 42550), (310, 42598), (352, 42742), (369, 42802), (396, 42907), (416, 42994),

Gene: Saints25_36 Start: 31516, Stop: 32373, Start Num: 136
Candidate Starts for Saints25_36:
(Start: 136 @31516 has 134 MA's), (146, 31555), (151, 31585), (156, 31606), (165, 31642), (173, 31672), (193, 31747), (208, 31795), (209, 31798), (215, 31822), (216, 31825), (223, 31840), (267, 32011), (303, 32125), (308, 32140), (310, 32146), (327, 32188), (329, 32191), (356, 32245), (381, 32323), (391, 32356),

Gene: Salazzle_49 Start: 41290, Stop: 42645, Start Num: 57
Candidate Starts for Salazzle_49:
(Start: 57 @41290 has 297 MA's), (69, 41341), (Start: 77 @41374 has 23 MA's), (82, 41392), (112, 41503), (114, 41506), (119, 41521), (148, 41617), (156, 41656), (163, 41686), (172, 41722), (203, 41833), (212, 41863), (213, 41866), (235, 41932), (281, 42091), (290, 42139), (296, 42157), (310, 42205), (352, 42349), (369, 42409), (396, 42514), (408, 42568), (416, 42601),

Gene: SallyH_50 Start: 41850, Stop: 43205, Start Num: 57
Candidate Starts for SallyH_50:
(Start: 57 @41850 has 297 MA's), (69, 41901), (Start: 77 @41934 has 23 MA's), (112, 42063), (114, 42066), (119, 42081), (148, 42177), (156, 42216), (163, 42246), (172, 42282), (203, 42393), (212, 42423), (213, 42426), (235, 42492), (281, 42651), (290, 42699), (296, 42717), (310, 42765), (352, 42909), (369, 42969), (396, 43074), (416, 43161),

Gene: Samaymay_49 Start: 41696, Stop: 43051, Start Num: 57
Candidate Starts for Samaymay_49:
(Start: 57 @41696 has 297 MA's), (69, 41747), (Start: 77 @41780 has 23 MA's), (112, 41909), (114, 41912), (119, 41927), (148, 42023), (156, 42062), (163, 42092), (172, 42128), (203, 42239), (212, 42269), (213, 42272), (235, 42338), (281, 42497), (290, 42545), (296, 42563), (310, 42611), (352,

42755), (369, 42815), (396, 42920), (416, 43007),

Gene: Sassafras_32 Start: 28184, Stop: 29200, Start Num: 124
Candidate Starts for Sassafras_32:
(68, 27953), (70, 27956), (78, 28004), (113, 28139), (117, 28148), (Start: 124 @28184 has 17 MA's), (158, 28316), (163, 28337), (169, 28358), (180, 28388), (184, 28400), (192, 28442), (208, 28493), (249, 28604), (276, 28718), (283, 28736), (291, 28775), (299, 28799), (310, 28835), (320, 28862), (331, 28901), (346, 28949), (365, 29009), (380, 29057), (384, 29069), (395, 29114), (397, 29126), (404, 29156),

Gene: Sassay_34 Start: 31362, Stop: 32219, Start Num: 136
Candidate Starts for Sassay_34:
(Start: 136 @31362 has 134 MA's), (146, 31401), (151, 31431), (156, 31452), (165, 31488), (173, 31518), (193, 31593), (208, 31641), (209, 31644), (215, 31668), (216, 31671), (223, 31686), (267, 31857), (303, 31971), (308, 31986), (310, 31992), (327, 32034), (329, 32037), (356, 32091), (381, 32169), (391, 32202),

Gene: SassyCat97_48 Start: 41423, Stop: 42778, Start Num: 57
Candidate Starts for SassyCat97_48:
(Start: 57 @41423 has 297 MA's), (69, 41474), (Start: 77 @41507 has 23 MA's), (82, 41525), (112, 41636), (114, 41639), (119, 41654), (148, 41750), (156, 41789), (163, 41819), (172, 41855), (203, 41966), (212, 41996), (213, 41999), (235, 42065), (281, 42224), (290, 42272), (296, 42290), (310, 42338), (352, 42482), (369, 42542), (396, 42647), (416, 42734),

Gene: Sbash_26 Start: 24238, Stop: 25410, Start Num: 74
Candidate Starts for Sbash_26:
(63, 24169), (Start: 74 @24238 has 3 MA's), (87, 24292), (88, 24295), (104, 24337), (114, 24379), (148, 24502), (152, 24523), (172, 24607), (185, 24646), (222, 24763), (235, 24808), (241, 24823), (261, 24904), (281, 24958), (284, 24970), (290, 24997), (297, 25018), (315, 25069), (321, 25084), (332, 25102), (356, 25162), (393, 25255), (408, 25330),

Gene: Schadenfreude_48 Start: 41262, Stop: 42617, Start Num: 57
Candidate Starts for Schadenfreude_48:
(Start: 57 @41262 has 297 MA's), (69, 41313), (Start: 77 @41346 has 23 MA's), (112, 41475), (114, 41478), (119, 41493), (148, 41589), (156, 41628), (163, 41658), (172, 41694), (203, 41805), (212, 41835), (213, 41838), (235, 41904), (281, 42063), (290, 42111), (296, 42129), (310, 42177), (352, 42321), (369, 42381), (396, 42486), (416, 42573),

Gene: Schiebel_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Schiebel_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (Start: 160 @25567 has 1 MA's), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Schueller_48 Start: 41421, Stop: 42776, Start Num: 57
Candidate Starts for Schueller_48:
(Start: 57 @41421 has 297 MA's), (69, 41472), (Start: 77 @41505 has 23 MA's), (82, 41523), (112, 41634), (114, 41637), (119, 41652), (148, 41748), (156, 41787), (163, 41817), (172, 41853), (203, 41964), (212, 41994), (213, 41997), (235, 42063), (281, 42222), (290, 42270), (296, 42288), (310, 42336), (352, 42480), (369, 42540), (396, 42645), (416, 42732),

Gene: Scoot17C_50 Start: 41839, Stop: 43194, Start Num: 57

Candidate Starts for Scoot17C_50:
(Start: 57 @41839 has 297 MA's), (69, 41890), (Start: 77 @41923 has 23 MA's), (112, 42052), (114, 42055), (119, 42070), (148, 42166), (156, 42205), (163, 42235), (172, 42271), (203, 42382), (212, 42412), (213, 42415), (235, 42481), (281, 42640), (290, 42688), (296, 42706), (310, 42754), (352, 42898), (369, 42958), (396, 43063), (416, 43150),

Gene: Scrick_49 Start: 41432, Stop: 42787, Start Num: 57
Candidate Starts for Scrick_49:
(Start: 57 @41432 has 297 MA's), (69, 41483), (Start: 77 @41516 has 23 MA's), (112, 41645), (114, 41648), (119, 41663), (148, 41759), (156, 41798), (163, 41828), (172, 41864), (203, 41975), (212, 42005), (213, 42008), (235, 42074), (281, 42233), (290, 42281), (296, 42299), (310, 42347), (352, 42491), (369, 42551), (396, 42656), (416, 42743),

Gene: Selr12_49 Start: 41435, Stop: 42790, Start Num: 57
Candidate Starts for Selr12_49:
(Start: 57 @41435 has 297 MA's), (69, 41486), (Start: 77 @41519 has 23 MA's), (112, 41648), (114, 41651), (119, 41666), (148, 41762), (156, 41801), (163, 41831), (172, 41867), (203, 41978), (212, 42008), (213, 42011), (235, 42077), (281, 42236), (290, 42284), (296, 42302), (310, 42350), (352, 42494), (369, 42554), (396, 42659), (416, 42746),

Gene: Septica_48 Start: 41724, Stop: 43082, Start Num: 57
Candidate Starts for Septica_48:
(Start: 57 @41724 has 297 MA's), (69, 41775), (Start: 77 @41808 has 23 MA's), (112, 41937), (114, 41940), (119, 41955), (148, 42051), (156, 42090), (163, 42120), (172, 42156), (203, 42267), (212, 42297), (213, 42300), (235, 42366), (281, 42525), (290, 42573), (296, 42591), (310, 42639), (352, 42786), (369, 42846), (396, 42951), (416, 43038),

Gene: Serendipity_49 Start: 41720, Stop: 43075, Start Num: 57
Candidate Starts for Serendipity_49:
(Start: 57 @41720 has 297 MA's), (69, 41771), (Start: 77 @41804 has 23 MA's), (112, 41933), (114, 41936), (119, 41951), (148, 42047), (156, 42086), (163, 42116), (172, 42152), (203, 42263), (212, 42293), (213, 42296), (235, 42362), (281, 42521), (290, 42569), (296, 42587), (310, 42635), (352, 42779), (369, 42839), (396, 42944), (416, 43031),

Gene: Serpentine_0049 Start: 41719, Stop: 43074, Start Num: 57
Candidate Starts for Serpentine_0049:
(Start: 57 @41719 has 297 MA's), (69, 41770), (Start: 77 @41803 has 23 MA's), (112, 41932), (114, 41935), (119, 41950), (148, 42046), (156, 42085), (163, 42115), (172, 42151), (203, 42262), (212, 42292), (213, 42295), (235, 42361), (281, 42520), (290, 42568), (296, 42586), (310, 42634), (352, 42778), (369, 42838), (396, 42943), (416, 43030),

Gene: ShaboiShabazz_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for ShaboiShabazz_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: ShadowBud_49 Start: 41730, Stop: 43085, Start Num: 57
Candidate Starts for ShadowBud_49:
(Start: 57 @41730 has 297 MA's), (69, 41781), (Start: 77 @41814 has 23 MA's), (112, 41943), (114, 41946), (119, 41961), (148, 42057), (156, 42096), (163, 42126), (172, 42162), (203, 42273), (212, 42303), (213, 42306), (235, 42372), (281, 42531), (290, 42579), (296, 42597), (310, 42645), (352,

42789), (369, 42849), (396, 42954), (416, 43041),

Gene: ShamWow_35 Start: 31858, Stop: 32715, Start Num: 136
Candidate Starts for ShamWow_35:
(Start: 136 @31858 has 134 MA's), (146, 31897), (151, 31927), (156, 31948), (165, 31984), (173, 32014), (193, 32089), (208, 32137), (209, 32140), (215, 32164), (216, 32167), (223, 32182), (267, 32353), (299, 32452), (303, 32467), (308, 32482), (310, 32488), (327, 32530), (329, 32533), (356, 32587), (381, 32665), (391, 32698),

Gene: Sheila_49 Start: 41745, Stop: 43100, Start Num: 57
Candidate Starts for Sheila_49:
(Start: 57 @41745 has 297 MA's), (69, 41796), (Start: 77 @41829 has 23 MA's), (112, 41958), (114, 41961), (119, 41976), (148, 42072), (156, 42111), (163, 42141), (172, 42177), (203, 42288), (212, 42318), (213, 42321), (235, 42387), (281, 42546), (290, 42594), (296, 42612), (310, 42660), (352, 42804), (369, 42864), (396, 42969), (416, 43056),

Gene: Sheng711_26 Start: 25346, Stop: 26368, Start Num: 121
Candidate Starts for Sheng711_26:
(Start: 121 @25346 has 9 MA's), (152, 25457), (164, 25490), (166, 25496), (168, 25502), (194, 25604), (195, 25607), (208, 25646), (217, 25667), (231, 25709), (249, 25766), (276, 25880), (304, 25985), (331, 26066), (333, 26069), (346, 26114), (366, 26177), (371, 26189), (389, 26255), (391, 26264), (397, 26291),

Gene: ShereKhan_37 Start: 32841, Stop: 33698, Start Num: 136
Candidate Starts for ShereKhan_37:
(Start: 136 @32841 has 134 MA's), (146, 32880), (151, 32910), (156, 32931), (165, 32967), (173, 32997), (193, 33072), (208, 33120), (209, 33123), (215, 33147), (216, 33150), (223, 33165), (267, 33336), (303, 33450), (308, 33465), (310, 33471), (327, 33513), (329, 33516), (356, 33570), (381, 33648), (391, 33681),

Gene: ShiVal_49 Start: 41706, Stop: 43058, Start Num: 57
Candidate Starts for ShiVal_49:
(Start: 57 @41706 has 297 MA's), (69, 41757), (Start: 77 @41790 has 23 MA's), (112, 41919), (114, 41922), (119, 41937), (148, 42033), (156, 42072), (163, 42102), (172, 42138), (203, 42249), (212, 42279), (213, 42282), (235, 42348), (281, 42507), (290, 42555), (296, 42573), (310, 42621), (352, 42762), (369, 42822), (396, 42927), (416, 43014),

Gene: Shipwreck_29 Start: 25866, Stop: 27032, Start Num: 73
Candidate Starts for Shipwreck_29:
(30, 25332), (35, 25380), (39, 25485), (Start: 73 @25866 has 55 MA's), (75, 25875), (85, 25920), (87, 25923), (114, 26010), (126, 26055), (148, 26130), (152, 26151), (156, 26169), (172, 26235), (185, 26274), (187, 26286), (203, 26340), (212, 26370), (222, 26391), (235, 26436), (261, 26532), (271, 26571), (281, 26586), (284, 26598), (290, 26625), (321, 26712), (332, 26730), (335, 26736), (356, 26784), (369, 26805), (393, 26877), (408, 26952),

Gene: Sigman_50 Start: 41830, Stop: 43185, Start Num: 57
Candidate Starts for Sigman_50:
(Start: 57 @41830 has 297 MA's), (69, 41881), (Start: 77 @41914 has 23 MA's), (112, 42043), (114, 42046), (119, 42061), (148, 42157), (156, 42196), (163, 42226), (172, 42262), (203, 42373), (212, 42403), (213, 42406), (235, 42472), (281, 42631), (290, 42679), (296, 42697), (310, 42745), (352, 42889), (369, 42949), (396, 43054), (416, 43141),

Gene: SilverBell_49 Start: 41725, Stop: 43080, Start Num: 57

Candidate Starts for SilverBell_49:
(Start: 57 @41725 has 297 MA's), (69, 41776), (Start: 77 @41809 has 23 MA's), (112, 41938), (114, 41941), (119, 41956), (148, 42052), (156, 42091), (163, 42121), (172, 42157), (203, 42268), (212, 42298), (213, 42301), (235, 42367), (281, 42526), (290, 42574), (296, 42592), (310, 42640), (352, 42784), (369, 42844), (396, 42949), (416, 43036),

Gene: Simielle_48 Start: 41389, Stop: 42744, Start Num: 57
Candidate Starts for Simielle_48:
(Start: 57 @41389 has 297 MA's), (69, 41440), (Start: 77 @41473 has 23 MA's), (112, 41602), (114, 41605), (119, 41620), (148, 41716), (156, 41755), (163, 41785), (172, 41821), (203, 41932), (212, 41962), (213, 41965), (235, 42031), (281, 42190), (290, 42238), (296, 42256), (310, 42304), (352, 42448), (369, 42508), (396, 42613), (416, 42700),

Gene: Simpliphy_36 Start: 31603, Stop: 32460, Start Num: 136
Candidate Starts for Simpliphy_36:
(Start: 136 @31603 has 134 MA's), (146, 31642), (151, 31672), (156, 31693), (165, 31729), (173, 31759), (193, 31834), (208, 31882), (209, 31885), (215, 31909), (216, 31912), (223, 31927), (267, 32098), (303, 32212), (308, 32227), (310, 32233), (327, 32275), (329, 32278), (356, 32332), (381, 32410), (391, 32443),

Gene: SirBeauregard_49 Start: 41402, Stop: 42757, Start Num: 57
Candidate Starts for SirBeauregard_49:
(Start: 57 @41402 has 297 MA's), (69, 41453), (Start: 77 @41486 has 23 MA's), (112, 41615), (114, 41618), (119, 41633), (148, 41729), (156, 41768), (163, 41798), (172, 41834), (203, 41945), (212, 41975), (213, 41978), (235, 42044), (281, 42203), (290, 42251), (296, 42269), (310, 42317), (352, 42461), (369, 42521), (396, 42626), (416, 42713),

Gene: SirDuracell_34 Start: 30523, Stop: 31380, Start Num: 136
Candidate Starts for SirDuracell_34:
(Start: 136 @30523 has 134 MA's), (146, 30562), (151, 30592), (156, 30613), (165, 30649), (173, 30679), (193, 30754), (208, 30802), (209, 30805), (215, 30829), (216, 30832), (223, 30847), (267, 31018), (303, 31132), (308, 31147), (310, 31153), (327, 31195), (329, 31198), (356, 31252), (381, 31330), (391, 31363),

Gene: Sizemore_28 Start: 25202, Stop: 26410, Start Num: 62
Candidate Starts for Sizemore_28:
(48, 25109), (Start: 62 @25202 has 104 MA's), (108, 25376), (125, 25448), (156, 25547), (158, 25556), (Start: 160 @25568 has 1 MA's), (164, 25580), (167, 25589), (172, 25613), (181, 25634), (187, 25661), (189, 25673), (210, 25745), (224, 25784), (281, 25973), (288, 25997), (290, 26012), (297, 26033), (310, 26078), (313, 26081), (339, 26132),

Gene: Skippy_49 Start: 41690, Stop: 43045, Start Num: 57
Candidate Starts for Skippy_49:
(Start: 57 @41690 has 297 MA's), (69, 41741), (Start: 77 @41774 has 23 MA's), (112, 41903), (114, 41906), (119, 41921), (148, 42017), (156, 42056), (163, 42086), (172, 42122), (203, 42233), (212, 42263), (213, 42266), (235, 42332), (281, 42491), (290, 42539), (296, 42557), (310, 42605), (352, 42749), (369, 42809), (396, 42914), (416, 43001),

Gene: Slatt_49 Start: 41716, Stop: 43071, Start Num: 57
Candidate Starts for Slatt_49:
(Start: 57 @41716 has 297 MA's), (69, 41767), (Start: 77 @41800 has 23 MA's), (112, 41929), (114, 41932), (119, 41947), (148, 42043), (156, 42082), (163, 42112), (172, 42148), (203, 42259), (212, 42289), (213, 42292), (235, 42358), (281, 42517), (290, 42565), (296, 42583), (310, 42631), (352,

42775), (369, 42835), (396, 42940), (416, 43027),

Gene: Sneeze_28 Start: 25283, Stop: 26491, Start Num: 62
Candidate Starts for Sneeze_28:
(48, 25190), (Start: 62 @25283 has 104 MA's), (108, 25457), (125, 25529), (156, 25628), (158, 25637), (164, 25661), (167, 25670), (172, 25694), (181, 25715), (187, 25742), (189, 25754), (210, 25826), (224, 25865), (281, 26054), (290, 26093), (297, 26114), (308, 26153), (310, 26159),

Gene: SoJulia_29 Start: 26516, Stop: 27544, Start Num: 121
Candidate Starts for SoJulia_29:
(Start: 121 @26516 has 9 MA's), (166, 26666), (201, 26795), (205, 26804), (249, 26936), (277, 27053), (280, 27062), (282, 27065), (284, 27080), (304, 27155), (309, 27170), (346, 27284), (353, 27311), (361, 27338), (366, 27353), (371, 27365), (389, 27431),

Gene: Soile_49 Start: 41419, Stop: 42774, Start Num: 57
Candidate Starts for Soile_49:
(Start: 57 @41419 has 297 MA's), (69, 41470), (Start: 77 @41503 has 23 MA's), (82, 41521), (112, 41632), (114, 41635), (119, 41650), (148, 41746), (156, 41785), (163, 41815), (172, 41851), (203, 41962), (212, 41992), (213, 41995), (235, 42061), (281, 42220), (290, 42268), (296, 42286), (310, 42334), (352, 42478), (369, 42538), (396, 42643), (416, 42730),

Gene: Solosis_48 Start: 41417, Stop: 42772, Start Num: 57
Candidate Starts for Solosis_48:
(Start: 57 @41417 has 297 MA's), (69, 41468), (Start: 77 @41501 has 23 MA's), (112, 41630), (114, 41633), (119, 41648), (148, 41744), (156, 41783), (163, 41813), (172, 41849), (203, 41960), (212, 41990), (213, 41993), (235, 42059), (281, 42218), (290, 42266), (296, 42284), (310, 42332), (352, 42476), (369, 42536), (396, 42641), (416, 42728),

Gene: Sonah_27 Start: 24039, Stop: 25205, Start Num: 73
Candidate Starts for Sonah_27:
(Start: 73 @24039 has 55 MA's), (85, 24093), (87, 24096), (114, 24183), (126, 24228), (148, 24303), (152, 24324), (156, 24342), (172, 24408), (185, 24447), (203, 24513), (212, 24543), (222, 24564), (235, 24609), (261, 24705), (271, 24744), (281, 24759), (290, 24798), (321, 24885), (332, 24903), (335, 24909), (356, 24957), (369, 24978), (393, 25050), (408, 25125),

Gene: SophKB_35 Start: 31857, Stop: 32714, Start Num: 136
Candidate Starts for SophKB_35:
(Start: 136 @31857 has 134 MA's), (146, 31896), (151, 31926), (156, 31947), (165, 31983), (173, 32013), (193, 32088), (208, 32136), (209, 32139), (215, 32163), (216, 32166), (223, 32181), (267, 32352), (303, 32466), (308, 32481), (310, 32487), (327, 32529), (329, 32532), (356, 32586), (381, 32664), (391, 32697),

Gene: Sophia_48 Start: 41411, Stop: 42766, Start Num: 57
Candidate Starts for Sophia_48:
(Start: 57 @41411 has 297 MA's), (69, 41462), (Start: 77 @41495 has 23 MA's), (82, 41513), (112, 41624), (114, 41627), (119, 41642), (148, 41738), (156, 41777), (163, 41807), (172, 41843), (203, 41954), (212, 41984), (213, 41987), (235, 42053), (281, 42212), (290, 42260), (296, 42278), (310, 42326), (352, 42470), (369, 42530), (396, 42635), (416, 42722),

Gene: Soto_49 Start: 41717, Stop: 43072, Start Num: 57
Candidate Starts for Soto_49:
(Start: 57 @41717 has 297 MA's), (69, 41768), (Start: 77 @41801 has 23 MA's), (82, 41819), (112, 41930), (114, 41933), (119, 41948), (148, 42044), (156, 42083), (163, 42113), (172, 42149), (203,

42260), (212, 42290), (213, 42293), (235, 42359), (281, 42518), (290, 42566), (296, 42584), (310, 42632), (352, 42776), (369, 42836), (396, 42941), (416, 43028),

Gene: Sotrice96_35 Start: 31812, Stop: 32669, Start Num: 136
Candidate Starts for Sotrice96_35:
(Start: 136 @31812 has 134 MA's), (146, 31851), (151, 31881), (156, 31902), (165, 31938), (173, 31968), (193, 32043), (208, 32091), (209, 32094), (215, 32118), (216, 32121), (223, 32136), (267, 32307), (303, 32421), (308, 32436), (310, 32442), (327, 32484), (329, 32487), (356, 32541), (381, 32619), (391, 32652),

Gene: Spartan300_49 Start: 41702, Stop: 43057, Start Num: 57
Candidate Starts for Spartan300_49:
(Start: 57 @41702 has 297 MA's), (69, 41753), (Start: 77 @41786 has 23 MA's), (112, 41915), (114, 41918), (119, 41933), (148, 42029), (156, 42068), (163, 42098), (172, 42134), (203, 42245), (212, 42275), (213, 42278), (235, 42344), (281, 42503), (290, 42551), (296, 42569), (310, 42617), (352, 42761), (369, 42821), (396, 42926), (416, 43013),

Gene: Squid_49 Start: 41423, Stop: 42778, Start Num: 57
Candidate Starts for Squid_49:
(Start: 57 @41423 has 297 MA's), (69, 41474), (Start: 77 @41507 has 23 MA's), (82, 41525), (112, 41636), (114, 41639), (119, 41654), (148, 41750), (156, 41789), (163, 41819), (172, 41855), (203, 41966), (212, 41996), (213, 41999), (235, 42065), (281, 42224), (290, 42272), (296, 42290), (310, 42338), (352, 42482), (369, 42542), (396, 42647), (416, 42734),

Gene: Squiggle_49 Start: 41426, Stop: 42781, Start Num: 57
Candidate Starts for Squiggle_49:
(Start: 57 @41426 has 297 MA's), (69, 41477), (Start: 77 @41510 has 23 MA's), (112, 41639), (114, 41642), (119, 41657), (148, 41753), (156, 41792), (163, 41822), (172, 41858), (203, 41969), (212, 41999), (213, 42002), (235, 42068), (281, 42227), (290, 42275), (296, 42293), (310, 42341), (352, 42485), (369, 42545), (396, 42650), (416, 42737),

Gene: Squint_47 Start: 39016, Stop: 40020, Start Num: 106
Candidate Starts for Squint_47:
(Start: 106 @39016 has 19 MA's), (118, 39070), (135, 39121), (153, 39193), (174, 39268), (206, 39382), (208, 39394), (221, 39427), (243, 39496), (247, 39508), (250, 39520), (251, 39523), (259, 39568), (263, 39586), (311, 39748), (316, 39763), (320, 39772), (416, 39973),

Gene: StAugustine_54 Start: 45980, Stop: 47182, Start Num: 77
Candidate Starts for StAugustine_54:
(59, 45881), (67, 45926), (Start: 77 @45980 has 23 MA's), (100, 46061), (111, 46106), (134, 46169), (174, 46328), (209, 46451), (214, 46466), (236, 46535), (298, 46748), (308, 46781), (312, 46793), (318, 46808), (330, 46850), (340, 46871), (354, 46919), (362, 46934), (368, 46949), (392, 47036), (420, 47162),

Gene: Stank_38 Start: 32364, Stop: 33221, Start Num: 136
Candidate Starts for Stank_38:
(Start: 136 @32364 has 134 MA's), (146, 32403), (151, 32433), (156, 32454), (165, 32490), (173, 32520), (193, 32595), (208, 32643), (209, 32646), (215, 32670), (216, 32673), (223, 32688), (267, 32859), (303, 32973), (308, 32988), (310, 32994), (327, 33036), (329, 33039), (356, 33093), (381, 33171), (391, 33204),

Gene: Stargaze_28 Start: 26950, Stop: 28173, Start Num: 62
Candidate Starts for Stargaze_28:

(1, 25669), (12, 26116), (13, 26167), (19, 26383), (29, 26503), (33, 26530), (36, 26572), (Start: 62 @26950 has 104 MA's), (103, 27112), (114, 27154), (125, 27196), (139, 27232), (148, 27268), (167, 27349), (172, 27373), (187, 27421), (192, 27445), (210, 27505), (218, 27532), (224, 27544), (248, 27622), (281, 27733), (290, 27772), (306, 27826), (417, 28135),

Gene: Stark_36 Start: 31616, Stop: 32473, Start Num: 136
Candidate Starts for Stark_36:
(Start: 136 @31616 has 134 MA's), (146, 31655), (151, 31685), (156, 31706), (165, 31742), (173, 31772), (193, 31847), (208, 31895), (209, 31898), (215, 31922), (216, 31925), (223, 31940), (267, 32111), (303, 32225), (308, 32240), (310, 32246), (327, 32288), (329, 32291), (356, 32345), (381, 32423), (391, 32456),

Gene: StellaBean_35 Start: 31857, Stop: 32714, Start Num: 136
Candidate Starts for StellaBean_35:
(Start: 136 @31857 has 134 MA's), (146, 31896), (151, 31926), (156, 31947), (165, 31983), (173, 32013), (193, 32088), (208, 32136), (209, 32139), (215, 32163), (216, 32166), (223, 32181), (267, 32352), (303, 32466), (308, 32481), (310, 32487), (327, 32529), (329, 32532), (356, 32586), (381, 32664), (391, 32697),

Gene: StevieRay_27 Start: 24031, Stop: 25197, Start Num: 73
Candidate Starts for StevieRay_27:
(Start: 73 @24031 has 55 MA's), (87, 24088), (114, 24175), (126, 24220), (148, 24295), (152, 24316), (172, 24400), (185, 24439), (187, 24451), (203, 24505), (212, 24535), (222, 24556), (235, 24601), (261, 24697), (271, 24736), (281, 24751), (290, 24790), (321, 24877), (332, 24895), (335, 24901), (356, 24949), (369, 24970), (393, 25042), (408, 25117),

Gene: StolenFromERC_37 Start: 31848, Stop: 32705, Start Num: 136
Candidate Starts for StolenFromERC_37:
(Start: 136 @31848 has 134 MA's), (146, 31887), (151, 31917), (156, 31938), (165, 31974), (173, 32004), (193, 32079), (208, 32127), (209, 32130), (215, 32154), (216, 32157), (223, 32172), (267, 32343), (303, 32457), (308, 32472), (310, 32478), (327, 32520), (329, 32523), (356, 32577), (381, 32655), (391, 32688),

Gene: StormChicken_35 Start: 32032, Stop: 32889, Start Num: 136
Candidate Starts for StormChicken_35:
(Start: 136 @32032 has 134 MA's), (146, 32071), (151, 32101), (156, 32122), (165, 32158), (173, 32188), (193, 32263), (208, 32311), (209, 32314), (215, 32338), (216, 32341), (223, 32356), (267, 32527), (299, 32626), (303, 32641), (308, 32656), (310, 32662), (327, 32704), (329, 32707), (356, 32761), (381, 32839), (391, 32872),

Gene: StressBall_27 Start: 24311, Stop: 25477, Start Num: 73
Candidate Starts for StressBall_27:
(15, 23558), (24, 23729), (35, 23825), (39, 23930), (Start: 73 @24311 has 55 MA's), (75, 24320), (85, 24365), (87, 24368), (114, 24455), (126, 24500), (148, 24575), (152, 24596), (156, 24614), (172, 24680), (185, 24719), (203, 24785), (212, 24815), (222, 24836), (235, 24881), (261, 24977), (271, 25016), (281, 25031), (290, 25070), (321, 25157), (332, 25175), (335, 25181), (356, 25229), (393, 25322), (408, 25397),

Gene: Strobilo_29 Start: 24780, Stop: 25982, Start Num: 106
Candidate Starts for Strobilo_29:
(91, 24738), (Start: 106 @24780 has 19 MA's), (110, 24807), (116, 24828), (Start: 124 @24864 has 17 MA's), (133, 24885), (140, 24912), (154, 24972), (161, 25008), (170, 25041), (171, 25044), (182, 25074), (197, 25140), (208, 25179), (233, 25257), (248, 25302), (259, 25359), (263, 25377), (311,

25542), (319, 25563), (324, 25584), (354, 25689), (359, 25704), (380, 25773), (395, 25830), (412, 25911),

Gene: Strokeseat_32 Start: 28331, Stop: 29347, Start Num: 124
Candidate Starts for Strokeseat_32:
(54, 28013), (55, 28019), (56, 28031), (Start: 60 @28043 has 1 MA's), (64, 28055), (Start: 124 @28331 has 17 MA's), (158, 28463), (163, 28484), (169, 28505), (180, 28535), (184, 28547), (192, 28589), (200, 28613), (206, 28628), (208, 28640), (213, 28655), (249, 28751), (273, 28862), (283, 28883), (291, 28922), (296, 28934), (310, 28982), (320, 29009), (326, 29033), (331, 29048), (365, 29156), (380, 29204), (397, 29273), (404, 29303),

Gene: Struggle_48 Start: 41258, Stop: 42613, Start Num: 57
Candidate Starts for Struggle_48:
(Start: 57 @41258 has 297 MA's), (69, 41309), (Start: 77 @41342 has 23 MA's), (112, 41471), (114, 41474), (119, 41489), (148, 41585), (156, 41624), (163, 41654), (172, 41690), (203, 41801), (212, 41831), (213, 41834), (235, 41900), (281, 42059), (290, 42107), (296, 42125), (310, 42173), (352, 42317), (369, 42377), (396, 42482), (416, 42569),

Gene: Stuck_26 Start: 24571, Stop: 25755, Start Num: 73
Candidate Starts for Stuck_26:
(50, 24451), (Start: 73 @24571 has 55 MA's), (84, 24613), (114, 24718), (126, 24772), (148, 24847), (152, 24868), (164, 24919), (172, 24952), (185, 24991), (203, 25057), (222, 25108), (235, 25153), (241, 25168), (261, 25249), (271, 25288), (281, 25303), (290, 25342), (321, 25429), (332, 25447), (356, 25507), (363, 25516), (369, 25528), (372, 25534), (393, 25600), (408, 25675), (422, 25738),

Gene: Suffolk_49 Start: 41707, Stop: 43062, Start Num: 57
Candidate Starts for Suffolk_49:
(Start: 57 @41707 has 297 MA's), (69, 41758), (Start: 77 @41791 has 23 MA's), (112, 41920), (114, 41923), (119, 41938), (148, 42034), (156, 42073), (163, 42103), (172, 42139), (203, 42250), (212, 42280), (213, 42283), (235, 42349), (281, 42508), (290, 42556), (296, 42574), (310, 42622), (352, 42766), (369, 42826), (396, 42931), (416, 43018),

Gene: Superphikiman_48 Start: 39088, Stop: 40092, Start Num: 106
Candidate Starts for Superphikiman_48:
(Start: 106 @39088 has 19 MA's), (118, 39142), (135, 39193), (153, 39265), (174, 39340), (206, 39454), (208, 39466), (221, 39499), (243, 39568), (247, 39580), (250, 39592), (251, 39595), (259, 39640), (263, 39658), (311, 39820), (316, 39835), (320, 39844), (416, 40045),

Gene: Surely_49 Start: 41713, Stop: 43068, Start Num: 57
Candidate Starts for Surely_49:
(Start: 57 @41713 has 297 MA's), (69, 41764), (Start: 77 @41797 has 23 MA's), (112, 41926), (114, 41929), (119, 41944), (148, 42040), (156, 42079), (163, 42109), (172, 42145), (203, 42256), (212, 42286), (213, 42289), (235, 42355), (281, 42514), (290, 42562), (296, 42580), (310, 42628), (352, 42772), (369, 42832), (396, 42937), (408, 42991), (416, 43024),

Gene: Sweets_28 Start: 25196, Stop: 26404, Start Num: 62
Candidate Starts for Sweets_28:
(48, 25103), (Start: 62 @25196 has 104 MA's), (108, 25370), (125, 25442), (156, 25541), (158, 25550), (164, 25574), (167, 25583), (172, 25607), (181, 25628), (187, 25655), (189, 25667), (210, 25739), (224, 25778), (281, 25967), (288, 25991), (290, 26006), (297, 26027), (310, 26072), (313, 26075), (339, 26126),

Gene: Swiphy_49 Start: 41708, Stop: 43063, Start Num: 57

Candidate Starts for Swiphy_49:
(Start: 57 @41708 has 297 MA's), (69, 41759), (Start: 77 @41792 has 23 MA's), (112, 41921), (114, 41924), (119, 41939), (148, 42035), (156, 42074), (163, 42104), (172, 42140), (203, 42251), (212, 42281), (213, 42284), (235, 42350), (281, 42509), (290, 42557), (296, 42575), (310, 42623), (352, 42767), (369, 42827), (396, 42932), (416, 43019),

Gene: Swish_50 Start: 41831, Stop: 43207, Start Num: 57
Candidate Starts for Swish_50:
(Start: 57 @41831 has 297 MA's), (69, 41882), (Start: 77 @41915 has 23 MA's), (112, 42044), (114, 42047), (119, 42062), (148, 42158), (156, 42197), (163, 42227), (172, 42263), (203, 42374), (212, 42404), (213, 42407), (235, 42473), (281, 42632), (290, 42680), (296, 42698), (310, 42746), (352, 42911), (369, 42971), (396, 43076), (416, 43163),

Gene: TBrady12_37 Start: 31848, Stop: 32705, Start Num: 136
Candidate Starts for TBrady12_37:
(Start: 136 @31848 has 134 MA's), (146, 31887), (151, 31917), (156, 31938), (165, 31974), (173, 32004), (193, 32079), (208, 32127), (209, 32130), (215, 32154), (216, 32157), (223, 32172), (267, 32343), (303, 32457), (308, 32472), (310, 32478), (327, 32520), (329, 32523), (356, 32577), (381, 32655), (391, 32688),

Gene: TM4_30 Start: 24984, Stop: 26186, Start Num: 106
Candidate Starts for TM4_30:
(72, 24861), (Start: 77 @24882 has 23 MA's), (91, 24945), (Start: 106 @24984 has 19 MA's), (110, 25011), (116, 25032), (Start: 124 @25068 has 17 MA's), (140, 25113), (161, 25209), (170, 25242), (171, 25245), (182, 25275), (197, 25341), (208, 25380), (233, 25458), (248, 25503), (263, 25578), (287, 25650), (311, 25743), (319, 25764), (324, 25785), (325, 25788), (354, 25902), (359, 25917), (380, 25977), (395, 26034), (412, 26115),

Gene: Taheera_28 Start: 25310, Stop: 26527, Start Num: 62
Candidate Starts for Taheera_28:
(3, 24155), (4, 24215), (7, 24341), (8, 24374), (11, 24458), (20, 24761), (22, 24767), (25, 24818), (28, 24854), (31, 24872), (37, 24938), (45, 25166), (48, 25217), (Start: 62 @25310 has 104 MA's), (108, 25484), (125, 25556), (148, 25625), (156, 25664), (164, 25697), (167, 25706), (172, 25730), (187, 25778), (192, 25802), (224, 25901), (235, 25943), (281, 26090), (290, 26129), (297, 26150), (308, 26189), (310, 26195),

Gene: TallGrassMM_49 Start: 41326, Stop: 42681, Start Num: 57
Candidate Starts for TallGrassMM_49:
(Start: 57 @41326 has 297 MA's), (69, 41377), (Start: 77 @41410 has 23 MA's), (112, 41539), (114, 41542), (119, 41557), (148, 41653), (156, 41692), (163, 41722), (172, 41758), (203, 41869), (212, 41899), (213, 41902), (235, 41968), (281, 42127), (290, 42175), (296, 42193), (310, 42241), (352, 42385), (369, 42445), (396, 42550), (416, 42637),

Gene: Taraxa_49 Start: 40911, Stop: 42266, Start Num: 57
Candidate Starts for Taraxa_49:
(Start: 57 @40911 has 297 MA's), (69, 40962), (Start: 77 @40995 has 23 MA's), (82, 41013), (112, 41124), (114, 41127), (119, 41142), (148, 41238), (156, 41277), (163, 41307), (172, 41343), (203, 41454), (212, 41484), (213, 41487), (235, 41553), (281, 41712), (290, 41760), (296, 41778), (310, 41826), (352, 41970), (369, 42030), (396, 42135), (416, 42222),

Gene: Tarkin_37 Start: 32847, Stop: 33704, Start Num: 136
Candidate Starts for Tarkin_37:

(Start: 136 @32847 has 134 MA's), (146, 32886), (151, 32916), (156, 32937), (165, 32973), (173, 33003), (193, 33078), (208, 33126), (209, 33129), (215, 33153), (216, 33156), (223, 33171), (267, 33342), (303, 33456), (308, 33471), (310, 33477), (327, 33519), (329, 33522), (356, 33576), (381, 33654), (391, 33687),

Gene: TeamEdward_35 Start: 32029, Stop: 32886, Start Num: 136
Candidate Starts for TeamEdward_35:
(Start: 136 @32029 has 134 MA's), (146, 32068), (151, 32098), (156, 32119), (165, 32155), (173, 32185), (193, 32260), (208, 32308), (209, 32311), (215, 32335), (216, 32338), (223, 32353), (267, 32524), (299, 32623), (303, 32638), (308, 32653), (310, 32659), (327, 32701), (329, 32704), (356, 32758), (381, 32836), (391, 32869),

Gene: TeardropMSU_34 Start: 31758, Stop: 32615, Start Num: 136
Candidate Starts for TeardropMSU_34:
(Start: 136 @31758 has 134 MA's), (146, 31797), (151, 31827), (156, 31848), (165, 31884), (173, 31914), (193, 31989), (208, 32037), (209, 32040), (215, 32064), (216, 32067), (223, 32082), (267, 32253), (303, 32367), (308, 32382), (310, 32388), (327, 32430), (329, 32433), (356, 32487), (381, 32565), (391, 32598),

Gene: Teaspoon_36 Start: 31811, Stop: 32668, Start Num: 136
Candidate Starts for Teaspoon_36:
(Start: 136 @31811 has 134 MA's), (146, 31850), (151, 31880), (156, 31901), (165, 31937), (173, 31967), (193, 32042), (208, 32090), (209, 32093), (215, 32117), (216, 32120), (223, 32135), (267, 32306), (303, 32420), (308, 32435), (310, 32441), (327, 32483), (329, 32486), (356, 32540), (381, 32618), (391, 32651),

Gene: Techage_27 Start: 24043, Stop: 25209, Start Num: 73
Candidate Starts for Techage_27:
(Start: 73 @24043 has 55 MA's), (87, 24100), (114, 24187), (126, 24232), (127, 24235), (148, 24307), (152, 24328), (172, 24412), (185, 24451), (203, 24517), (212, 24547), (222, 24568), (235, 24613), (261, 24709), (271, 24748), (281, 24763), (290, 24802), (321, 24889), (332, 24907), (335, 24913), (356, 24961), (369, 24982), (393, 25054), (408, 25129),

Gene: Telesworld_48 Start: 41405, Stop: 42760, Start Num: 57
Candidate Starts for Telesworld_48:
(Start: 57 @41405 has 297 MA's), (69, 41456), (Start: 77 @41489 has 23 MA's), (112, 41618), (114, 41621), (119, 41636), (148, 41732), (156, 41771), (163, 41801), (172, 41837), (203, 41948), (212, 41978), (213, 41981), (235, 42047), (281, 42206), (290, 42254), (296, 42272), (310, 42320), (352, 42464), (369, 42524), (396, 42629), (416, 42716),

Gene: Terminus_35 Start: 31945, Stop: 32802, Start Num: 136
Candidate Starts for Terminus_35:
(Start: 136 @31945 has 134 MA's), (146, 31984), (151, 32014), (156, 32035), (165, 32071), (173, 32101), (193, 32176), (208, 32224), (209, 32227), (215, 32251), (216, 32254), (223, 32269), (267, 32440), (303, 32554), (308, 32569), (310, 32575), (327, 32617), (329, 32620), (356, 32674), (381, 32752), (391, 32785),

Gene: Terralys_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Terralys_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Terror_28 Start: 25310, Stop: 26527, Start Num: 62
Candidate Starts for Terror_28:
(3, 24155), (4, 24215), (7, 24341), (8, 24374), (11, 24458), (20, 24761), (22, 24767), (25, 24818), (28, 24854), (31, 24872), (37, 24938), (45, 25166), (48, 25217), (Start: 62 @25310 has 104 MA's), (108, 25484), (125, 25556), (148, 25625), (156, 25664), (164, 25697), (167, 25706), (172, 25730), (187, 25778), (192, 25802), (224, 25901), (235, 25943), (281, 26090), (290, 26129), (297, 26150), (308, 26189), (310, 26195),

Gene: Tesla_54 Start: 31465, Stop: 32619, Start Num: 77
Candidate Starts for Tesla_54:
(Start: 77 @31465 has 23 MA's), (86, 31516), (95, 31537), (109, 31582), (111, 31594), (119, 31609), (134, 31657), (147, 31702), (149, 31714), (155, 31744), (174, 31813), (188, 31864), (197, 31897), (203, 31915), (208, 31933), (209, 31936), (214, 31951), (218, 31960), (230, 31993), (246, 32044), (251, 32062), (287, 32188), (294, 32221), (298, 32233), (303, 32251), (313, 32284), (337, 32326), (340, 32335), (343, 32341), (350, 32359), (356, 32374), (377, 32428), (388, 32473), (392, 32485), (410, 32572), (420, 32611),

Gene: Thespis_27 Start: 24047, Stop: 25213, Start Num: 73
Candidate Starts for Thespis_27:
(5, 22928), (9, 23081), (15, 23294), (35, 23561), (39, 23666), (Start: 73 @24047 has 55 MA's), (75, 24056), (85, 24101), (87, 24104), (114, 24191), (126, 24236), (148, 24311), (152, 24332), (172, 24416), (185, 24455), (203, 24521), (212, 24551), (222, 24572), (235, 24617), (261, 24713), (271, 24752), (281, 24767), (284, 24779), (290, 24806), (320, 24890), (321, 24893), (332, 24911), (335, 24917), (356, 24965), (377, 25010), (393, 25058), (408, 25133),

Gene: Thimble_35 Start: 30808, Stop: 31665, Start Num: 136
Candidate Starts for Thimble_35:
(Start: 136 @30808 has 134 MA's), (146, 30847), (151, 30877), (156, 30898), (165, 30934), (173, 30964), (193, 31039), (208, 31087), (209, 31090), (215, 31114), (216, 31117), (223, 31132), (267, 31303), (303, 31417), (308, 31432), (310, 31438), (327, 31480), (329, 31483), (356, 31537), (381, 31615), (391, 31648),

Gene: Thonko_47 Start: 39899, Stop: 41098, Start Num: 77
Candidate Starts for Thonko_47:
(44, 39644), (Start: 77 @39899 has 23 MA's), (112, 40028), (134, 40088), (147, 40133), (149, 40145), (155, 40175), (202, 40346), (209, 40370), (214, 40385), (236, 40454), (246, 40478), (263, 40550), (292, 40649), (298, 40667), (308, 40700), (312, 40712), (330, 40766), (356, 40841), (362, 40850), (368, 40865), (387, 40934), (392, 40952), (401, 40991), (418, 41072), (421, 41090),

Gene: Thora_49 Start: 41712, Stop: 43067, Start Num: 57
Candidate Starts for Thora_49:
(Start: 57 @41712 has 297 MA's), (69, 41763), (Start: 77 @41796 has 23 MA's), (112, 41925), (114, 41928), (119, 41943), (148, 42039), (156, 42078), (163, 42108), (172, 42144), (203, 42255), (212, 42285), (213, 42288), (235, 42354), (281, 42513), (290, 42561), (296, 42579), (310, 42627), (352, 42771), (369, 42831), (396, 42936), (408, 42990), (416, 43023),

Gene: ThreeOh3D2_50 Start: 41845, Stop: 43200, Start Num: 57
Candidate Starts for ThreeOh3D2_50:
(Start: 57 @41845 has 297 MA's), (69, 41896), (Start: 77 @41929 has 23 MA's), (112, 42058), (114, 42061), (119, 42076), (148, 42172), (156, 42211), (163, 42241), (172, 42277), (203, 42388), (212, 42418), (213, 42421), (235, 42487), (281, 42646), (290, 42694), (296, 42712), (310, 42760), (352, 42904), (369, 42964), (396, 43069), (408, 43123), (416, 43156),

Gene: Thresher_36 Start: 32612, Stop: 33469, Start Num: 136
Candidate Starts for Thresher_36:
(Start: 136 @32612 has 134 MA's), (146, 32651), (151, 32681), (156, 32702), (165, 32738), (173, 32768), (193, 32843), (208, 32891), (209, 32894), (215, 32918), (216, 32921), (223, 32936), (267, 33107), (303, 33221), (308, 33236), (310, 33242), (327, 33284), (329, 33287), (356, 33341), (381, 33419), (391, 33452),

Gene: Thunderbird_48 Start: 41413, Stop: 42768, Start Num: 57
Candidate Starts for Thunderbird_48:
(Start: 57 @41413 has 297 MA's), (69, 41464), (Start: 77 @41497 has 23 MA's), (112, 41626), (114, 41629), (119, 41644), (148, 41740), (156, 41779), (163, 41809), (172, 41845), (203, 41956), (212, 41986), (213, 41989), (235, 42055), (281, 42214), (290, 42262), (296, 42280), (310, 42328), (352, 42472), (369, 42532), (396, 42637), (416, 42724),

Gene: Timmi_48 Start: 41412, Stop: 42767, Start Num: 57
Candidate Starts for Timmi_48:
(Start: 57 @41412 has 297 MA's), (69, 41463), (Start: 77 @41496 has 23 MA's), (112, 41625), (114, 41628), (119, 41643), (148, 41739), (156, 41778), (163, 41808), (172, 41844), (203, 41955), (212, 41985), (213, 41988), (235, 42054), (281, 42213), (290, 42261), (296, 42279), (310, 42327), (352, 42471), (369, 42531), (396, 42636), (416, 42723),

Gene: TinaBug_28 Start: 25196, Stop: 26404, Start Num: 62
Candidate Starts for TinaBug_28:
(48, 25103), (Start: 62 @25196 has 104 MA's), (108, 25370), (125, 25442), (156, 25541), (158, 25550), (Start: 160 @25562 has 1 MA's), (164, 25574), (167, 25583), (172, 25607), (181, 25628), (187, 25655), (189, 25667), (210, 25739), (224, 25778), (281, 25967), (288, 25991), (290, 26006), (297, 26027), (310, 26072), (313, 26075), (339, 26126),

Gene: TomBombadil_49 Start: 41697, Stop: 43052, Start Num: 57
Candidate Starts for TomBombadil_49:
(Start: 57 @41697 has 297 MA's), (69, 41748), (Start: 77 @41781 has 23 MA's), (112, 41910), (114, 41913), (119, 41928), (148, 42024), (156, 42063), (163, 42093), (172, 42129), (203, 42240), (212, 42270), (213, 42273), (235, 42339), (281, 42498), (290, 42546), (296, 42564), (310, 42612), (352, 42756), (369, 42816), (396, 42921), (416, 43008),

Gene: TomBrady_28 Start: 25202, Stop: 26410, Start Num: 62
Candidate Starts for TomBrady_28:
(48, 25109), (Start: 62 @25202 has 104 MA's), (108, 25376), (125, 25448), (156, 25547), (158, 25556), (164, 25580), (167, 25589), (172, 25613), (181, 25634), (187, 25661), (189, 25673), (210, 25745), (224, 25784), (281, 25973), (288, 25997), (290, 26012), (297, 26033), (310, 26078), (313, 26081), (339, 26132),

Gene: Tomaszewski_34 Start: 31455, Stop: 32312, Start Num: 136
Candidate Starts for Tomaszewski_34:
(Start: 136 @31455 has 134 MA's), (146, 31494), (151, 31524), (156, 31545), (165, 31581), (173, 31611), (193, 31686), (208, 31734), (209, 31737), (215, 31761), (216, 31764), (223, 31779), (267, 31950), (303, 32064), (308, 32079), (310, 32085), (327, 32127), (329, 32130), (356, 32184), (381, 32262), (391, 32295),

Gene: Tomlarah_49 Start: 41700, Stop: 43055, Start Num: 57
Candidate Starts for Tomlarah_49:

(Start: 57 @41700 has 297 MA's), (69, 41751), (Start: 77 @41784 has 23 MA's), (112, 41913), (114, 41916), (119, 41931), (148, 42027), (156, 42066), (163, 42096), (172, 42132), (203, 42243), (212, 42273), (213, 42276), (235, 42342), (281, 42501), (290, 42549), (296, 42567), (310, 42615), (352, 42759), (369, 42819), (396, 42924), (416, 43011),

Gene: Toni_48 Start: 41404, Stop: 42759, Start Num: 57
Candidate Starts for Toni_48:
(Start: 57 @41404 has 297 MA's), (69, 41455), (Start: 77 @41488 has 23 MA's), (112, 41617), (114, 41620), (119, 41635), (148, 41731), (156, 41770), (163, 41800), (172, 41836), (203, 41947), (212, 41977), (213, 41980), (235, 42046), (281, 42205), (290, 42253), (296, 42271), (310, 42319), (352, 42463), (369, 42523), (396, 42628), (416, 42715),

Gene: TooFast2Furius_50 Start: 41942, Stop: 43297, Start Num: 57
Candidate Starts for TooFast2Furius_50:
(Start: 57 @41942 has 297 MA's), (69, 41993), (Start: 77 @42026 has 23 MA's), (112, 42155), (114, 42158), (119, 42173), (148, 42269), (156, 42308), (163, 42338), (172, 42374), (203, 42485), (212, 42515), (213, 42518), (235, 42584), (281, 42743), (290, 42791), (296, 42809), (310, 42857), (352, 43001), (369, 43061), (396, 43166), (416, 43253),

Gene: Tooj_49 Start: 41779, Stop: 43134, Start Num: 57
Candidate Starts for Tooj_49:
(Start: 57 @41779 has 297 MA's), (69, 41830), (Start: 77 @41863 has 23 MA's), (112, 41992), (114, 41995), (119, 42010), (148, 42106), (156, 42145), (163, 42175), (172, 42211), (203, 42322), (212, 42352), (213, 42355), (235, 42421), (281, 42580), (290, 42628), (296, 42646), (310, 42694), (352, 42838), (369, 42898), (396, 43003), (408, 43057), (416, 43090),

Gene: Toto_35 Start: 31858, Stop: 32715, Start Num: 136
Candidate Starts for Toto_35:
(Start: 136 @31858 has 134 MA's), (146, 31897), (151, 31927), (156, 31948), (165, 31984), (173, 32014), (193, 32089), (208, 32137), (209, 32140), (215, 32164), (216, 32167), (223, 32182), (267, 32353), (299, 32452), (303, 32467), (308, 32482), (310, 32488), (327, 32530), (329, 32533), (356, 32587), (381, 32665), (391, 32698),

Gene: Traaww1_33 Start: 31496, Stop: 32353, Start Num: 136
Candidate Starts for Traaww1_33:
(Start: 136 @31496 has 134 MA's), (146, 31535), (151, 31565), (156, 31586), (165, 31622), (173, 31652), (193, 31727), (208, 31775), (209, 31778), (215, 31802), (216, 31805), (223, 31820), (267, 31991), (303, 32105), (308, 32120), (310, 32126), (327, 32168), (329, 32171), (356, 32225), (381, 32303), (391, 32336),

Gene: Triad_49 Start: 40583, Stop: 41938, Start Num: 57
Candidate Starts for Triad_49:
(Start: 57 @40583 has 297 MA's), (69, 40634), (Start: 77 @40667 has 23 MA's), (112, 40796), (114, 40799), (119, 40814), (148, 40910), (156, 40949), (163, 40979), (172, 41015), (203, 41126), (212, 41156), (213, 41159), (235, 41225), (281, 41384), (290, 41432), (296, 41450), (310, 41498), (352, 41642), (369, 41702), (396, 41807), (416, 41894),

Gene: True_48 Start: 41410, Stop: 42765, Start Num: 57
Candidate Starts for True_48:
(Start: 57 @41410 has 297 MA's), (69, 41461), (Start: 77 @41494 has 23 MA's), (112, 41623), (114, 41626), (119, 41641), (148, 41737), (156, 41776), (163, 41806), (172, 41842), (203, 41953), (212, 41983), (213, 41986), (235, 42052), (281, 42211), (290, 42259), (296, 42277), (310, 42325), (352, 42469), (369, 42529), (396, 42634), (416, 42721),

Gene: Trypo_50 Start: 41841, Stop: 43196, Start Num: 57
Candidate Starts for Trypo_50:
(Start: 57 @41841 has 297 MA's), (69, 41892), (Start: 77 @41925 has 23 MA's), (112, 42054), (114, 42057), (119, 42072), (148, 42168), (156, 42207), (163, 42237), (172, 42273), (203, 42384), (212, 42414), (213, 42417), (235, 42483), (281, 42642), (290, 42690), (296, 42708), (310, 42756), (352, 42900), (369, 42960), (396, 43065), (416, 43152),

Gene: Tuco_36 Start: 32366, Stop: 33223, Start Num: 136
Candidate Starts for Tuco_36:
(Start: 136 @32366 has 134 MA's), (146, 32405), (151, 32435), (156, 32456), (165, 32492), (173, 32522), (193, 32597), (208, 32645), (209, 32648), (215, 32672), (216, 32675), (223, 32690), (267, 32861), (303, 32975), (308, 32990), (310, 32996), (327, 33038), (329, 33041), (356, 33095), (381, 33173), (391, 33206),

Gene: Typha_32 Start: 29089, Stop: 30312, Start Num: 62
Candidate Starts for Typha_32:
(Start: 62 @29089 has 104 MA's), (82, 29185), (85, 29209), (97, 29236), (108, 29269), (114, 29299), (148, 29404), (156, 29443), (158, 29452), (164, 29476), (172, 29509), (187, 29557), (189, 29569), (210, 29641), (228, 29698), (255, 29785), (281, 29872), (284, 29884), (290, 29911), (296, 29929), (297, 29932), (299, 29941), (339, 30031), (386, 30136), (407, 30223), (408, 30232),

Gene: TyrionL_48 Start: 41266, Stop: 42621, Start Num: 57
Candidate Starts for TyrionL_48:
(Start: 57 @41266 has 297 MA's), (69, 41317), (Start: 77 @41350 has 23 MA's), (112, 41479), (114, 41482), (119, 41497), (148, 41593), (156, 41632), (163, 41662), (172, 41698), (203, 41809), (212, 41839), (213, 41842), (235, 41908), (281, 42067), (290, 42115), (296, 42133), (310, 42181), (352, 42325), (369, 42385), (396, 42490), (416, 42577),

Gene: UAch1_49 Start: 41734, Stop: 43089, Start Num: 57
Candidate Starts for UAch1_49:
(Start: 57 @41734 has 297 MA's), (69, 41785), (Start: 77 @41818 has 23 MA's), (112, 41947), (114, 41950), (119, 41965), (148, 42061), (156, 42100), (163, 42130), (172, 42166), (203, 42277), (212, 42307), (213, 42310), (235, 42376), (281, 42535), (290, 42583), (296, 42601), (310, 42649), (352, 42793), (369, 42853), (396, 42958), (416, 43045),

Gene: Ubuntu_33 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Ubuntu_33:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Ukulele_35 Start: 31616, Stop: 32473, Start Num: 136
Candidate Starts for Ukulele_35:
(Start: 136 @31616 has 134 MA's), (146, 31655), (151, 31685), (156, 31706), (165, 31742), (173, 31772), (193, 31847), (208, 31895), (209, 31898), (215, 31922), (216, 31925), (223, 31940), (267, 32111), (303, 32225), (308, 32240), (310, 32246), (327, 32288), (329, 32291), (356, 32345), (381, 32423), (391, 32456),

Gene: UncleHowie_49 Start: 41409, Stop: 42764, Start Num: 57

Candidate Starts for UncleHowie_49:
(Start: 57 @41409 has 297 MA's), (69, 41460), (Start: 77 @41493 has 23 MA's), (112, 41622), (114, 41625), (119, 41640), (148, 41736), (156, 41775), (163, 41805), (172, 41841), (203, 41952), (212, 41982), (213, 41985), (235, 42051), (281, 42210), (290, 42258), (296, 42276), (310, 42324), (352, 42468), (369, 42528), (396, 42633), (416, 42720),

Gene: Usavi_49 Start: 41708, Stop: 43063, Start Num: 57
Candidate Starts for Usavi_49:
(Start: 57 @41708 has 297 MA's), (69, 41759), (Start: 77 @41792 has 23 MA's), (112, 41921), (114, 41924), (119, 41939), (148, 42035), (156, 42074), (163, 42104), (172, 42140), (203, 42251), (212, 42281), (213, 42284), (235, 42350), (281, 42509), (290, 42557), (296, 42575), (310, 42623), (352, 42767), (369, 42827), (396, 42932), (416, 43019),

Gene: Vaishali24_48 Start: 41380, Stop: 42735, Start Num: 57
Candidate Starts for Vaishali24_48:
(Start: 57 @41380 has 297 MA's), (69, 41431), (Start: 77 @41464 has 23 MA's), (112, 41593), (114, 41596), (119, 41611), (148, 41707), (156, 41746), (163, 41776), (172, 41812), (203, 41923), (212, 41953), (213, 41956), (235, 42022), (281, 42181), (290, 42229), (296, 42247), (310, 42295), (352, 42439), (369, 42499), (396, 42604), (416, 42691),

Gene: Valjean_49 Start: 41705, Stop: 43060, Start Num: 57
Candidate Starts for Valjean_49:
(Start: 57 @41705 has 297 MA's), (69, 41756), (Start: 77 @41789 has 23 MA's), (112, 41918), (114, 41921), (119, 41936), (148, 42032), (156, 42071), (163, 42101), (172, 42137), (203, 42248), (212, 42278), (213, 42281), (235, 42347), (281, 42506), (290, 42554), (296, 42572), (310, 42620), (352, 42764), (369, 42824), (396, 42929), (416, 43016),

Gene: VasuNzinga_56 Start: 31534, Stop: 32688, Start Num: 77
Candidate Starts for VasuNzinga_56:
(Start: 77 @31534 has 23 MA's), (86, 31585), (95, 31606), (109, 31651), (111, 31663), (119, 31678), (134, 31726), (147, 31771), (149, 31783), (155, 31813), (174, 31882), (188, 31933), (197, 31966), (203, 31984), (208, 32002), (209, 32005), (214, 32020), (218, 32029), (230, 32062), (246, 32113), (251, 32131), (287, 32257), (294, 32290), (298, 32302), (303, 32320), (313, 32353), (337, 32395), (340, 32404), (343, 32410), (350, 32428), (356, 32443), (377, 32497), (388, 32542), (392, 32554), (410, 32641), (420, 32680),

Gene: Vaticameos_45 Start: 39391, Stop: 40746, Start Num: 57
Candidate Starts for Vaticameos_45:
(Start: 57 @39391 has 297 MA's), (69, 39442), (Start: 77 @39475 has 23 MA's), (112, 39604), (114, 39607), (119, 39622), (148, 39718), (156, 39757), (163, 39787), (172, 39823), (203, 39934), (212, 39964), (213, 39967), (235, 40033), (281, 40192), (290, 40240), (296, 40258), (310, 40306), (352, 40450), (369, 40510), (396, 40615), (416, 40702),

Gene: Vectra_48 Start: 41275, Stop: 42630, Start Num: 57
Candidate Starts for Vectra_48:
(Start: 57 @41275 has 297 MA's), (69, 41326), (Start: 77 @41359 has 23 MA's), (82, 41377), (112, 41488), (114, 41491), (119, 41506), (148, 41602), (156, 41641), (163, 41671), (172, 41707), (203, 41818), (212, 41848), (213, 41851), (235, 41917), (281, 42076), (290, 42124), (296, 42142), (310, 42190), (352, 42334), (369, 42394), (396, 42499), (408, 42553), (416, 42586),

Gene: Venti_27 Start: 24052, Stop: 25218, Start Num: 73
Candidate Starts for Venti_27:

(Start: 73 @24052 has 55 MA's), (87, 24109), (114, 24196), (126, 24241), (148, 24316), (152, 24337), (172, 24421), (185, 24460), (203, 24526), (212, 24556), (222, 24577), (235, 24622), (261, 24718), (271, 24757), (281, 24772), (284, 24784), (290, 24811), (321, 24898), (332, 24916), (335, 24922), (356, 24970), (369, 24991), (393, 25063), (408, 25138),

Gene: Veritas_48 Start: 41287, Stop: 42642, Start Num: 57
Candidate Starts for Veritas_48:
(Start: 57 @41287 has 297 MA's), (69, 41338), (Start: 77 @41371 has 23 MA's), (112, 41500), (114, 41503), (119, 41518), (148, 41614), (156, 41653), (163, 41683), (172, 41719), (203, 41830), (212, 41860), (213, 41863), (235, 41929), (281, 42088), (290, 42136), (296, 42154), (310, 42202), (352, 42346), (369, 42406), (396, 42511), (416, 42598),

Gene: Vidya_27 Start: 24052, Stop: 25218, Start Num: 73
Candidate Starts for Vidya_27:
(Start: 73 @24052 has 55 MA's), (87, 24109), (114, 24196), (126, 24241), (148, 24316), (152, 24337), (172, 24421), (185, 24460), (203, 24526), (212, 24556), (222, 24577), (235, 24622), (261, 24718), (271, 24757), (281, 24772), (284, 24784), (290, 24811), (321, 24898), (332, 24916), (335, 24922), (356, 24970), (369, 24991), (393, 25063), (408, 25138),

Gene: Virapocalypse_49 Start: 41700, Stop: 43055, Start Num: 57
Candidate Starts for Virapocalypse_49:
(Start: 57 @41700 has 297 MA's), (69, 41751), (Start: 77 @41784 has 23 MA's), (112, 41913), (114, 41916), (119, 41931), (148, 42027), (156, 42066), (163, 42096), (172, 42132), (203, 42243), (212, 42273), (213, 42276), (235, 42342), (281, 42501), (290, 42549), (296, 42567), (310, 42615), (352, 42759), (369, 42819), (396, 42924), (416, 43011),

Gene: Virgeve_48 Start: 41477, Stop: 42832, Start Num: 57
Candidate Starts for Virgeve_48:
(Start: 57 @41477 has 297 MA's), (69, 41528), (Start: 77 @41561 has 23 MA's), (112, 41690), (114, 41693), (119, 41708), (148, 41804), (156, 41843), (163, 41873), (172, 41909), (203, 42020), (212, 42050), (213, 42053), (235, 42119), (281, 42278), (290, 42326), (296, 42344), (310, 42392), (352, 42536), (369, 42596), (396, 42701), (416, 42788),

Gene: Vista_49 Start: 41710, Stop: 43065, Start Num: 57
Candidate Starts for Vista_49:
(Start: 57 @41710 has 297 MA's), (69, 41761), (Start: 77 @41794 has 23 MA's), (112, 41923), (114, 41926), (119, 41941), (148, 42037), (156, 42076), (163, 42106), (172, 42142), (203, 42253), (212, 42283), (213, 42286), (235, 42352), (281, 42511), (290, 42559), (296, 42577), (310, 42625), (352, 42769), (369, 42829), (396, 42934), (416, 43021),

Gene: Vivaldi_50 Start: 42145, Stop: 43500, Start Num: 57
Candidate Starts for Vivaldi_50:
(Start: 57 @42145 has 297 MA's), (69, 42196), (Start: 77 @42229 has 23 MA's), (112, 42358), (114, 42361), (119, 42376), (148, 42472), (156, 42511), (163, 42541), (172, 42577), (203, 42688), (212, 42718), (213, 42721), (235, 42787), (281, 42946), (290, 42994), (296, 43012), (310, 43060), (352, 43204), (369, 43264), (396, 43369), (416, 43456),

Gene: Vortex_49 Start: 41407, Stop: 42762, Start Num: 57
Candidate Starts for Vortex_49:
(Start: 57 @41407 has 297 MA's), (69, 41458), (Start: 77 @41491 has 23 MA's), (112, 41620), (114, 41623), (119, 41638), (148, 41734), (156, 41773), (163, 41803), (172, 41839), (203, 41950), (212, 41980), (213, 41983), (235, 42049), (281, 42208), (290, 42256), (296, 42274), (310, 42322), (352, 42466), (369, 42526), (396, 42631), (416, 42718),

Gene: Wallhey_48 Start: 41270, Stop: 42625, Start Num: 57
Candidate Starts for Wallhey_48:
(Start: 57 @41270 has 297 MA's), (69, 41321), (Start: 77 @41354 has 23 MA's), (112, 41483), (114, 41486), (119, 41501), (148, 41597), (156, 41636), (163, 41666), (172, 41702), (203, 41813), (212, 41843), (213, 41846), (235, 41912), (281, 42071), (290, 42119), (296, 42137), (310, 42185), (352, 42329), (369, 42389), (396, 42494), (416, 42581),

Gene: Waterdiva_49 Start: 41702, Stop: 43057, Start Num: 57
Candidate Starts for Waterdiva_49:
(Start: 57 @41702 has 297 MA's), (69, 41753), (Start: 77 @41786 has 23 MA's), (112, 41915), (114, 41918), (119, 41933), (148, 42029), (156, 42068), (163, 42098), (172, 42134), (203, 42245), (212, 42275), (213, 42278), (235, 42344), (281, 42503), (290, 42551), (296, 42569), (310, 42617), (352, 42761), (369, 42821), (396, 42926), (416, 43013),

Gene: Webster2_33 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Webster2_33:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Weher20_49 Start: 41701, Stop: 43056, Start Num: 57
Candidate Starts for Weher20_49:
(Start: 57 @41701 has 297 MA's), (69, 41752), (Start: 77 @41785 has 23 MA's), (114, 41917), (119, 41932), (148, 42028), (156, 42067), (163, 42097), (172, 42133), (203, 42244), (212, 42274), (213, 42277), (235, 42343), (281, 42502), (290, 42550), (296, 42568), (310, 42616), (352, 42760), (369, 42820), (396, 42925), (408, 42979), (416, 43012),

Gene: Weirdo19_29 Start: 26675, Stop: 27889, Start Num: 62
Candidate Starts for Weirdo19_29:
(42, 26498), (43, 26516), (47, 26561), (Start: 62 @26675 has 104 MA's), (103, 26831), (119, 26888), (123, 26909), (128, 26921), (142, 26954), (148, 26978), (152, 26999), (158, 27026), (172, 27083), (181, 27104), (187, 27131), (220, 27245), (235, 27296), (259, 27386), (281, 27443), (288, 27467), (290, 27482), (297, 27503), (316, 27557), (321, 27569), (334, 27593), (339, 27602), (366, 27650), (371, 27659), (386, 27710), (422, 27872),

Gene: Wendigo_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Wendigo_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Wiggin_38 Start: 32362, Stop: 33219, Start Num: 136
Candidate Starts for Wiggin_38:
(Start: 136 @32362 has 134 MA's), (146, 32401), (151, 32431), (156, 32452), (165, 32488), (173, 32518), (193, 32593), (208, 32641), (209, 32644), (215, 32668), (216, 32671), (223, 32686), (267, 32857), (303, 32971), (308, 32986), (310, 32992), (327, 33034), (329, 33037), (356, 33091), (381, 33169), (391, 33202),

Gene: Wildcat_52 Start: 38376, Stop: 39341, Start Num: 124
Candidate Starts for Wildcat_52:
(Start: 124 @38376 has 17 MA's), (143, 38439), (157, 38499), (163, 38514), (164, 38517), (168, 38529), (169, 38535), (186, 38571), (187, 38574), (208, 38646), (213, 38661), (219, 38667), (239, 38730), (249, 38760), (258, 38793), (273, 38856), (276, 38859), (286, 38898), (297, 38931), (304, 38958), (307, 38967), (320, 39000), (361, 39135), (366, 39150), (380, 39195), (391, 39237), (397, 39264), (407, 39306),

Gene: Willez_34 Start: 31362, Stop: 32219, Start Num: 136
Candidate Starts for Willez_34:
(Start: 136 @31362 has 134 MA's), (146, 31401), (151, 31431), (156, 31452), (165, 31488), (173, 31518), (193, 31593), (208, 31641), (209, 31644), (215, 31668), (216, 31671), (223, 31686), (267, 31857), (303, 31971), (308, 31986), (310, 31992), (327, 32034), (329, 32037), (356, 32091), (381, 32169), (391, 32202),

Gene: Windsor_48 Start: 41406, Stop: 42761, Start Num: 57
Candidate Starts for Windsor_48:
(Start: 57 @41406 has 297 MA's), (69, 41457), (Start: 77 @41490 has 23 MA's), (112, 41619), (114, 41622), (119, 41637), (148, 41733), (156, 41772), (163, 41802), (172, 41838), (203, 41949), (212, 41979), (213, 41982), (235, 42048), (281, 42207), (290, 42255), (296, 42273), (310, 42321), (352, 42465), (369, 42525), (396, 42630), (416, 42717),

Gene: Wishmaker_32 Start: 28339, Stop: 29574, Start Num: 62
Candidate Starts for Wishmaker_32:
(Start: 62 @28339 has 104 MA's), (81, 28432), (85, 28465), (90, 28477), (96, 28489), (97, 28492), (114, 28555), (119, 28573), (128, 28606), (148, 28666), (156, 28705), (158, 28714), (159, 28717), (163, 28735), (172, 28771), (187, 28819), (189, 28831), (191, 28837), (209, 28900), (210, 28903), (218, 28930), (224, 28942), (254, 29044), (281, 29131), (290, 29170), (297, 29191), (326, 29260), (339, 29290), (356, 29323), (363, 29332), (366, 29338), (372, 29350), (375, 29359), (395, 29422), (408, 29491),

Gene: Xandras_37 Start: 31848, Stop: 32705, Start Num: 136
Candidate Starts for Xandras_37:
(Start: 136 @31848 has 134 MA's), (146, 31887), (151, 31917), (156, 31938), (165, 31974), (173, 32004), (193, 32079), (208, 32127), (209, 32130), (215, 32154), (216, 32157), (223, 32172), (267, 32343), (303, 32457), (308, 32472), (310, 32478), (327, 32520), (329, 32523), (356, 32577), (381, 32655), (391, 32688),

Gene: Xavia_27 Start: 24676, Stop: 25842, Start Num: 73
Candidate Starts for Xavia_27:
(Start: 73 @24676 has 55 MA's), (75, 24685), (85, 24730), (87, 24733), (114, 24820), (126, 24865), (138, 24898), (148, 24940), (152, 24961), (156, 24979), (172, 25045), (185, 25084), (203, 25150), (222, 25201), (235, 25246), (261, 25342), (271, 25381), (281, 25396), (284, 25408), (290, 25435), (321, 25522), (332, 25540), (335, 25546), (340, 25558), (349, 25570), (365, 25606), (393, 25687), (408, 25762), (419, 25804), (422, 25825), (423, 25831),

Gene: Xavier_48 Start: 41414, Stop: 42769, Start Num: 57
Candidate Starts for Xavier_48:
(Start: 57 @41414 has 297 MA's), (69, 41465), (Start: 77 @41498 has 23 MA's), (112, 41627), (114, 41630), (119, 41645), (148, 41741), (156, 41780), (163, 41810), (172, 41846), (203, 41957), (212, 41987), (213, 41990), (235, 42056), (281, 42215), (290, 42263), (296, 42281), (310, 42329), (352, 42473), (369, 42533), (396, 42638), (416, 42725),

Gene: Xula_25 Start: 23743, Stop: 24909, Start Num: 73
Candidate Starts for Xula_25:
(15, 22999), (39, 23371), (Start: 73 @23743 has 55 MA's), (87, 23800), (114, 23887), (127, 23935), (148, 24007), (152, 24028), (172, 24112), (185, 24151), (203, 24217), (212, 24247), (222, 24268), (235, 24313), (261, 24409), (271, 24448), (281, 24463), (290, 24502), (321, 24589), (332, 24607), (335, 24613), (356, 24661), (393, 24754), (408, 24829), (419, 24871), (422, 24892), (423, 24898),

Gene: YangYin_28 Start: 26977, Stop: 28200, Start Num: 62
Candidate Starts for YangYin_28:
(19, 26410), (29, 26530), (33, 26557), (36, 26599), (41, 26752), (Start: 62 @26977 has 104 MA's), (103, 27139), (114, 27181), (125, 27223), (139, 27259), (148, 27295), (167, 27376), (172, 27400), (187, 27448), (192, 27472), (210, 27532), (218, 27559), (224, 27571), (235, 27613), (248, 27649), (281, 27760), (288, 27784), (290, 27799), (293, 27808), (306, 27853), (417, 28162),

Gene: YassJohnny_36 Start: 32373, Stop: 33230, Start Num: 136
Candidate Starts for YassJohnny_36:
(Start: 136 @32373 has 134 MA's), (146, 32412), (151, 32442), (156, 32463), (165, 32499), (173, 32529), (193, 32604), (208, 32652), (209, 32655), (215, 32679), (216, 32682), (223, 32697), (267, 32868), (303, 32982), (308, 32997), (310, 33003), (327, 33045), (329, 33048), (356, 33102), (381, 33180), (391, 33213),

Gene: Yoshand_50 Start: 41844, Stop: 43220, Start Num: 57
Candidate Starts for Yoshand_50:
(Start: 57 @41844 has 297 MA's), (69, 41895), (Start: 77 @41928 has 23 MA's), (112, 42057), (114, 42060), (119, 42075), (148, 42171), (156, 42210), (163, 42240), (172, 42276), (203, 42387), (212, 42417), (213, 42420), (235, 42486), (281, 42645), (290, 42693), (296, 42711), (310, 42759), (352, 42924), (369, 42984), (396, 43089), (416, 43176),

Gene: YouGoGlencoco_49 Start: 41704, Stop: 43059, Start Num: 57
Candidate Starts for YouGoGlencoco_49:
(Start: 57 @41704 has 297 MA's), (69, 41755), (Start: 77 @41788 has 23 MA's), (112, 41917), (114, 41920), (119, 41935), (148, 42031), (156, 42070), (163, 42100), (172, 42136), (203, 42247), (212, 42277), (213, 42280), (235, 42346), (281, 42505), (290, 42553), (296, 42571), (310, 42619), (352, 42763), (369, 42823), (396, 42928), (416, 43015),

Gene: Youngblood_35 Start: 32018, Stop: 32875, Start Num: 136
Candidate Starts for Youngblood_35:
(Start: 136 @32018 has 134 MA's), (146, 32057), (151, 32087), (156, 32108), (165, 32144), (173, 32174), (193, 32249), (208, 32297), (209, 32300), (215, 32324), (216, 32327), (223, 32342), (267, 32513), (303, 32627), (308, 32642), (310, 32648), (327, 32690), (329, 32693), (356, 32747), (381, 32825), (391, 32858),

Gene: Zaider_50 Start: 41934, Stop: 43289, Start Num: 57
Candidate Starts for Zaider_50:
(Start: 57 @41934 has 297 MA's), (69, 41985), (Start: 77 @42018 has 23 MA's), (82, 42036), (112, 42147), (114, 42150), (119, 42165), (148, 42261), (156, 42300), (163, 42330), (172, 42366), (203, 42477), (212, 42507), (213, 42510), (235, 42576), (281, 42735), (290, 42783), (296, 42801), (310, 42849), (352, 42993), (369, 43053), (396, 43158), (416, 43245),

Gene: Zakai_28 Start: 26511, Stop: 27539, Start Num: 121
Candidate Starts for Zakai_28:
(Start: 121 @26511 has 9 MA's), (164, 26655), (166, 26661), (201, 26790), (205, 26799), (249, 26931), (277, 27048), (280, 27057), (282, 27060), (284, 27075), (304, 27150), (309, 27165), (346, 27279),

(353, 27306), (361, 27333), (366, 27348), (371, 27360), (389, 27426),

Gene: Zelda_49 Start: 41751, Stop: 43106, Start Num: 57
Candidate Starts for Zelda_49:
(Start: 57 @41751 has 297 MA's), (69, 41802), (Start: 77 @41835 has 23 MA's), (112, 41964), (114, 41967), (119, 41982), (148, 42078), (156, 42117), (163, 42147), (172, 42183), (203, 42294), (212, 42324), (213, 42327), (235, 42393), (281, 42552), (290, 42600), (296, 42618), (310, 42666), (352, 42810), (369, 42870), (396, 42975), (416, 43062),

Gene: Zilizebeth_27 Start: 24052, Stop: 25218, Start Num: 73
Candidate Starts for Zilizebeth_27:
(Start: 73 @24052 has 55 MA's), (87, 24109), (114, 24196), (126, 24241), (127, 24244), (148, 24316), (152, 24337), (172, 24421), (185, 24460), (203, 24526), (212, 24556), (222, 24577), (235, 24622), (261, 24718), (271, 24757), (281, 24772), (284, 24784), (290, 24811), (321, 24898), (332, 24916), (335, 24922), (356, 24970), (369, 24991), (393, 25063), (408, 25138),

Gene: ZoMa_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for ZoMa_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: ZoeJ_29 Start: 24755, Stop: 25963, Start Num: 106
Candidate Starts for ZoeJ_29:
(91, 24713), (Start: 106 @24755 has 19 MA's), (110, 24782), (114, 24797), (Start: 124 @24839 has 17 MA's), (133, 24860), (140, 24887), (161, 24983), (170, 25016), (171, 25019), (182, 25049), (197, 25115), (208, 25154), (233, 25232), (248, 25277), (263, 25352), (287, 25424), (311, 25517), (319, 25538), (324, 25559), (354, 25670), (359, 25685), (380, 25754), (395, 25811), (412, 25892),

Gene: Zombie_28 Start: 25201, Stop: 26409, Start Num: 62
Candidate Starts for Zombie_28:
(48, 25108), (Start: 62 @25201 has 104 MA's), (108, 25375), (125, 25447), (156, 25546), (158, 25555), (164, 25579), (167, 25588), (172, 25612), (181, 25633), (187, 25660), (189, 25672), (210, 25744), (224, 25783), (281, 25972), (288, 25996), (290, 26011), (297, 26032), (310, 26077), (313, 26080), (339, 26131),

Gene: Zonia_49 Start: 41721, Stop: 43076, Start Num: 57
Candidate Starts for Zonia_49:
(Start: 57 @41721 has 297 MA's), (69, 41772), (Start: 77 @41805 has 23 MA's), (112, 41934), (114, 41937), (119, 41952), (148, 42048), (156, 42087), (163, 42117), (172, 42153), (203, 42264), (212, 42294), (213, 42297), (235, 42363), (281, 42522), (290, 42570), (296, 42588), (310, 42636), (352, 42780), (369, 42840), (396, 42945), (416, 43032),

Gene: xkcd_36 Start: 32027, Stop: 32884, Start Num: 136
Candidate Starts for xkcd_36:
(Start: 136 @32027 has 134 MA's), (146, 32066), (151, 32096), (156, 32117), (165, 32153), (173, 32183), (193, 32258), (208, 32306), (209, 32309), (215, 32333), (216, 32336), (223, 32351), (267, 32522), (299, 32621), (303, 32636), (308, 32651), (310, 32657), (327, 32699), (329, 32702), (356, 32756), (381, 32834), (391, 32867),