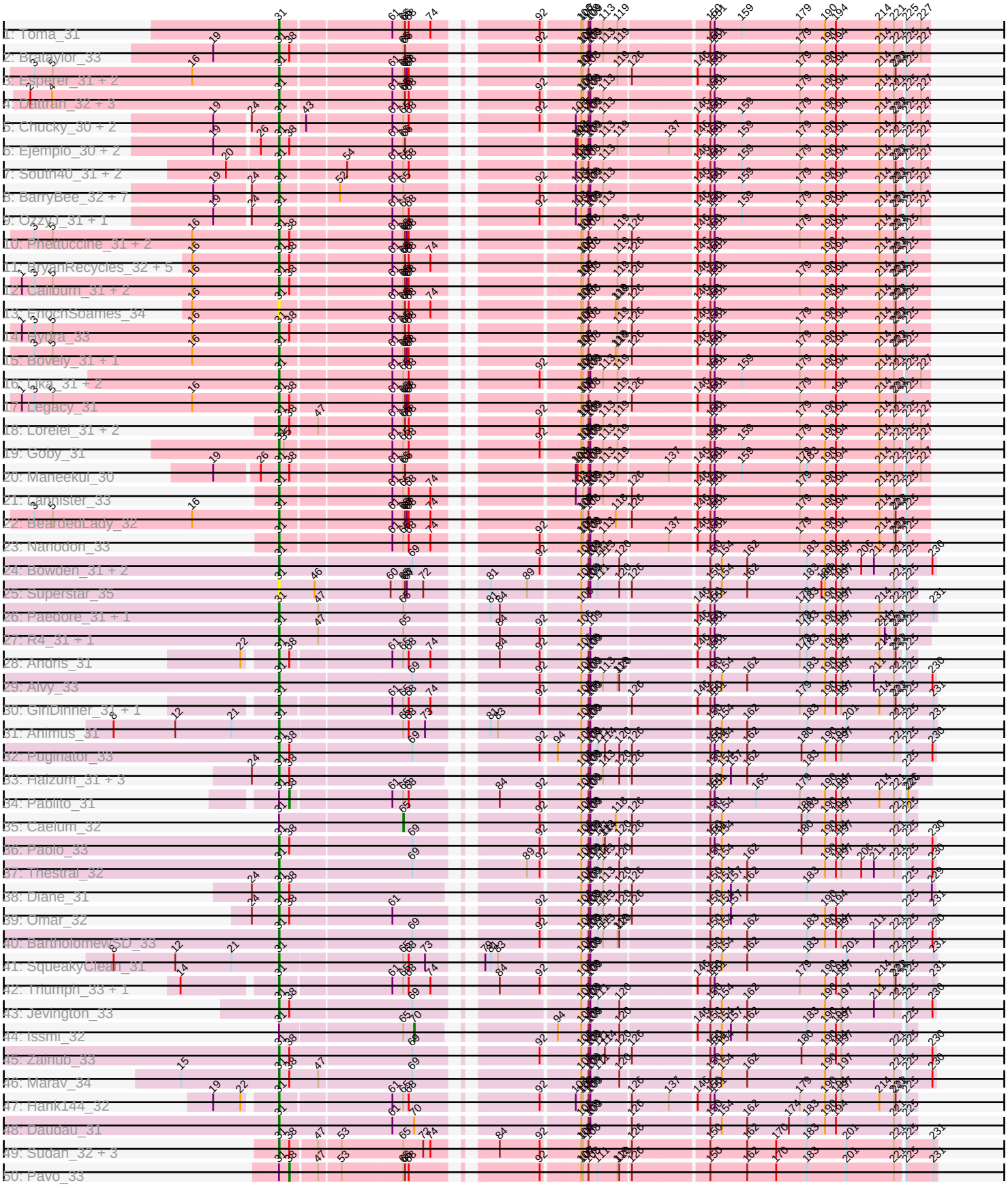
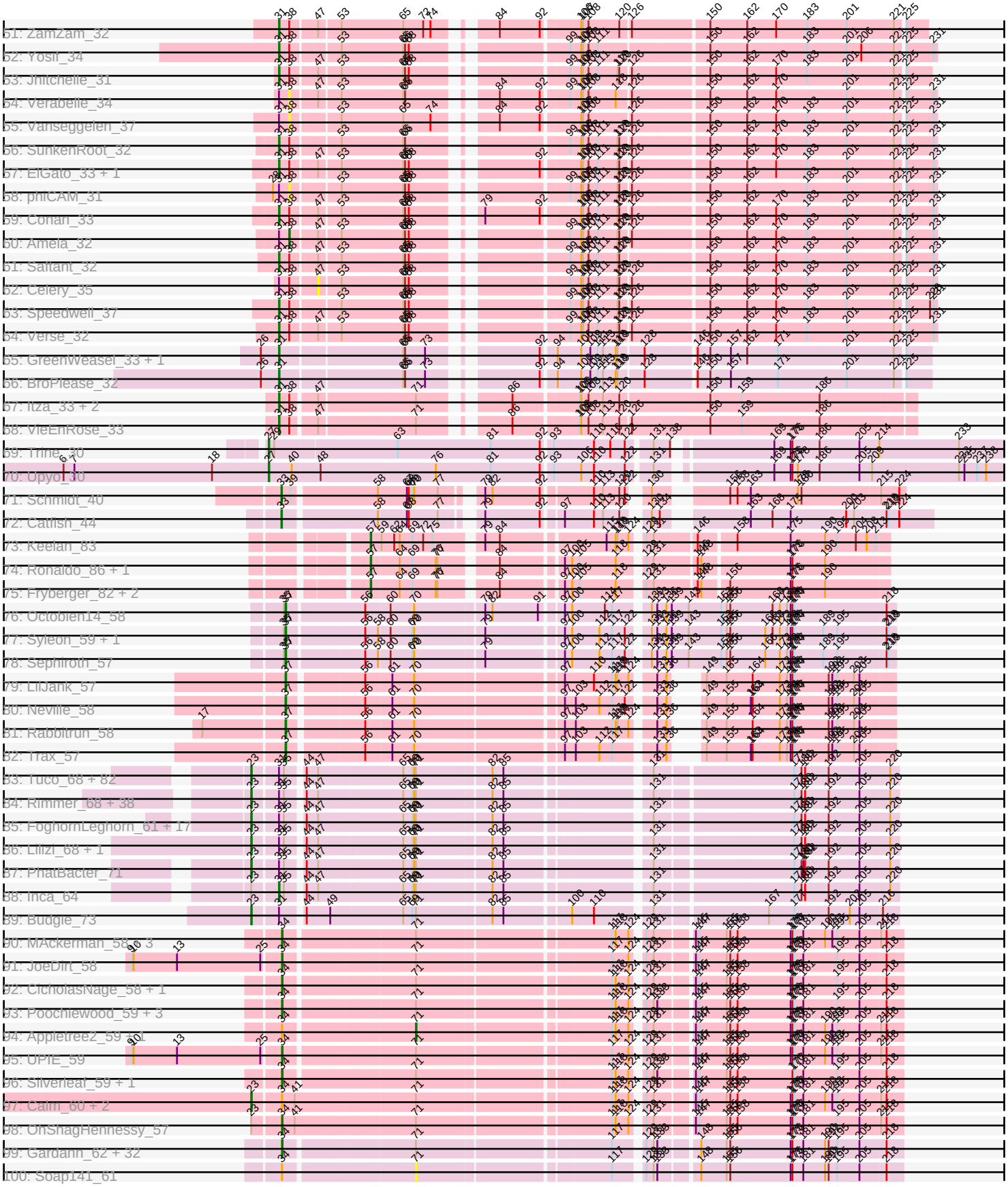
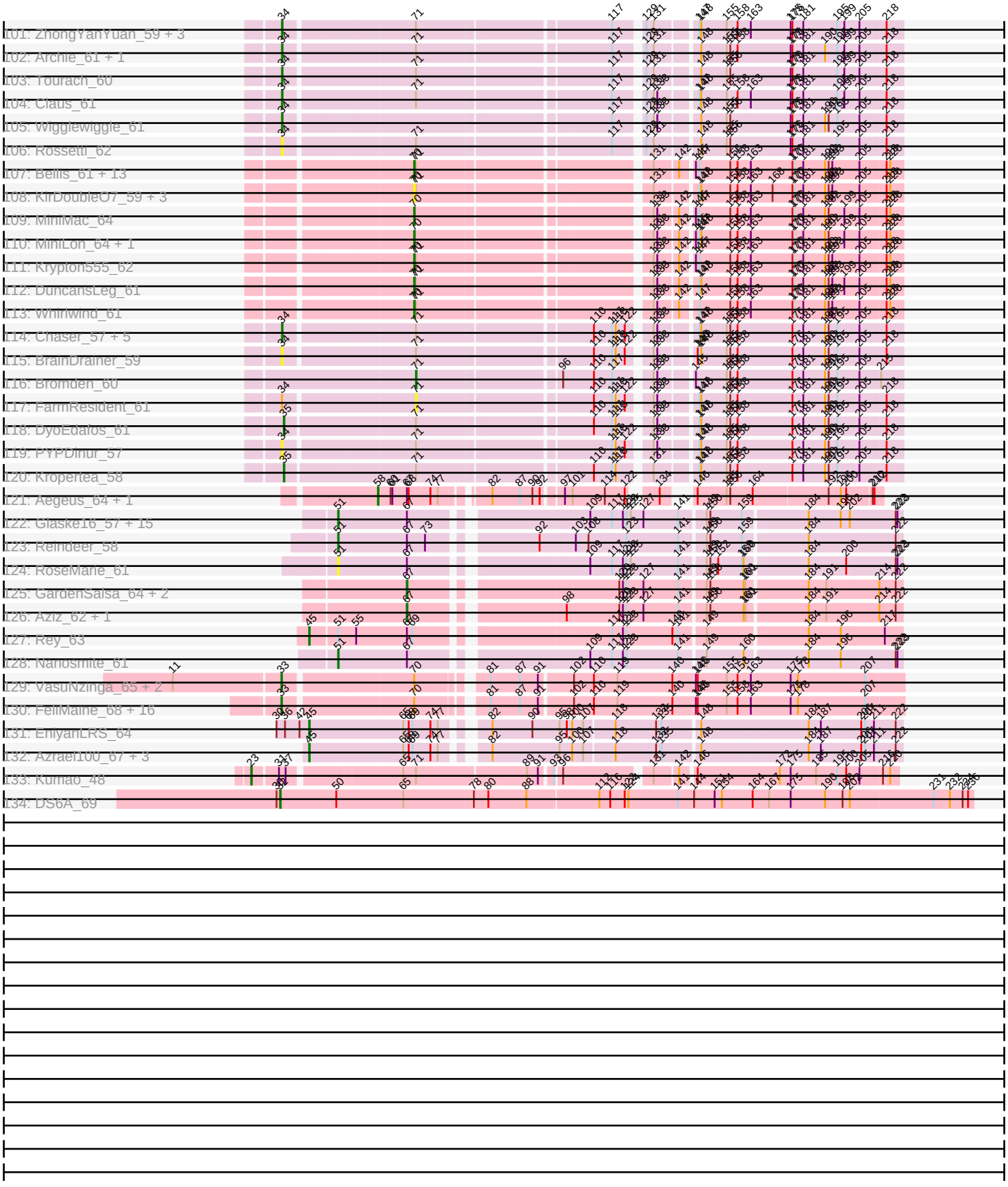
Pham 347100


1: Toma_31
2: Bratavior_33
3: Espeter_31 + 2
4: Dattran_32 + 3
5: Chucky_30 + 2
6: Ejemplo_30 + 2
7: South40_31 + 2
8: BarryBee_32 + 7
9: OzzyJ_31 + 1
10: Phettuccine_31 + 2
11: BryanRecycles_32 + 5
12: Calburn_31 + 2
13: EnochSoames_34
14: Hydra_33
15: Bovely_31 + 1
16: Uka_31 + 2
17: Legacy_31
18: Lorelei_31 + 2
19: Goby_31
20: Maneekul_30
21: Langister_33
22: BeardedLady_32
23: Nanodon_33
24: Bowden_31 + 2
25: Superstar_35
26: Paedore_31 + 1
27: R4_31 + 1
28: Andris_31
29: Alvy_33
30: GirlDinner_31 + 1
31: Animus_31
32: Puginator_33
33: Halzum_31 + 3
34: Pablito_31
35: Caelum_32
36: Paolo_33
37: Thestral_32
38: Diane_31
39: Omar_32
40: BartholomewSD_33
41: SqueakyClean_31
42: Triumph_33 + 1
43: Jevington_33
44: Issmi_32
45: Zainub_33
46: Marav_34
47: Hank144_32
48: Daudau_31
49: Sudan_32 + 3
50: Pavo_33

Pham 347100


51: ZamZam_32
52: Yosif_34
53: Jmitchelle_31
54: Verabelle_34
55: Vanseggelen_37
56: SunkenRoot_32
57: ElGato_33 + 1
58: phiCAM_31
59: Conan_33
60: Amela_32
61: Saitant_32
62: Celery_35
63: Speedwell_37
64: Verse_32
65: GreenWeasel_33 + 1
66: BroPlease_32
67: Itza_33 + 2
68: VieEnRose_33
69: Trine_30
70: Opyol_30
71: Schmidt_40
72: Catfish_44
73: Keelan_83
74: Ronaldo_86 + 1
75: Fryberger_82 + 2
76: Octobien14_58
77: Syleon_59 + 1
78: Sephiroth_57
79: LilJank_57
80: Neville_58
81: Rabbitrun_58
82: Trax_57
83: Tuco_68 + 82
84: Rimmer_68 + 38
85: FoghornLeghorn_61 + 17
86: Lilzi_68 + 1
87: PhatBacter_71
88: Inca_64
89: Budgie_73
90: MAckerman_58 + 3
91: JoeDirt_58
92: CicholasNage_58 + 1
93: Poochiewood_59 + 3
94: Appletree2_59 + 1
95: UPIE_59
96: Silvereal_59 + 1
97: Calm_60 + 2
98: OhShagHennessy_57
99: Gardann_62 + 32
100: Soap141_61

Pham 347100


I01: ZhongYanYuan_59 + 3
I02: Archie_61 + 1
I03: Tourach_60
I04: Claus_61
I05: Wigglewiggle_61
I06: Rossetti_62
I07: Bells_61 + 13
I08: KirDoubleO7_59 + 3
I09: MiniMac_64
I10: MiniLon_64 + 1
I11: Krypton555_62
I12: DuncansLeg_61
I13: Whirlwind_61
I14: Chaser_57 + 5
I15: BrainDrainer_59
I16: Bromden_60
I17: FarmResident_61
I18: DyoEdafos_61
I19: PYPDinur_57
I20: Kropertea_58
I21: Aegeus_64 + 1
I22: Glaske16_57 + 15
I23: Reindeer_58
I24: RoseMarie_61
I25: GardenSalsa_64 + 2
I26: Aziz_62 + 1
I27: Rey_63
I28: Nanosmite_61
I29: VasuNzinga_65 + 2
I30: FellMaine_68 + 16
I31: EnlyanLRS_64
I32: Azrael100_67 + 3
I33: Kumao_48
I34: DS6A_69

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 347100 Report

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

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 347100 has 434 members, 44 are drafts.

Phages represented in each track:
- Track 1 : Toma_31
- Track 2 : Brataylor_33
- Track 3 : Esperer_31, Nerdos_31, SunsetPointe_31
- Track 4 : Dattran_32, Danzina_32, Celeste_31, Zemlya_32
- Track 5 : Chucky_30, TagePhighter_31, Snorlax_30
- Track 6 : Ejemplo_30, TuanPN_30, Yasdnil_30
- Track 7 : South40_31, RedBear_32, Katalie_31
- Track 8 : BarryBee_32, Werner_30, Hippo_30, Triste_30, Dwayne_30, SarahRose_30, Whatever_30, Emaanora_32
- Track 9 : OzzyJ_31, Asten_30
- Track 10 : Phettuccine_31, Leviticus_31, Aaronocolus_31
- Track 11 : BryanRecycles_32, Eddasa_32, Oliynyk_32, Rusticus_32, Izzy_32, Jash_32
- Track 12 : Caliburn_31, Unstoppable_31, Ozzie_31
- Track 13 : EnochSoames_34
- Track 14 : Hydra_33
- Track 15 : Bovely_31, Indigo_30
- Track 16 : Lika_31, Sujidade_32, Godpower_32
- Track 17 : Legacy_31
- Track 18 : Lorelei_31, Rana_31, Nabi_31
- Track 19 : Goby_31
- Track 20 : Maneekul_30
- Track 21 : Lannister_33
- Track 22 : BeardedLady_32
- Track 23 : Nanodon_33
- Track 24 : Bowden_31, TinaBelcher_31, TrvxScott_30
- Track 25 : Superstar_35
- Track 26 : Paedore_31, Loofah_32
- Track 27 : R4_31, ELB20_30
- Track 28 : Andris_31
- Track 29 : Alvy_33
- Track 30 : GirlDinner_31, Janus_32
- Track 31 : Animus_31

• Track 32 : Puginator_33
• Track 33 : Haizum_31, Tefunt_31, Amethyst_31, Nishikigoi_31
• Track 34 : Pablito_31
• Track 35 : Caelum_32
• Track 36 : Paolo_33
• Track 37 : Thestral_32
• Track 38 : Diane_31
• Track 39 : Omar_32
• Track 40 : BartholomewSD_33
• Track 41 : SqueakyClean_31
• Track 42 : Triumph_33, Axiom_32
• Track 43 : Jevington_33
• Track 44 : Issmi_32
• Track 45 : Zainub_33
• Track 46 : Marav_34
• Track 47 : Hank144_32
• Track 48 : Daudau_31
• Track 49 : Sudan_32, Kaine_32, Dexers_31, Alsaber_33
• Track 50 : Pavo_33
• Track 51 : ZamZam_32
• Track 52 : Yosif_34
• Track 53 : Jhitchelle_31
• Track 54 : Verabelle_34
• Track 55 : Vanseggelen_37
• Track 56 : SunkenRoot_32
• Track 57 : ElGato_33, Provolone_33
• Track 58 : phiCAM_31
• Track 59 : Conan_33
• Track 60 : Amela_32
• Track 61 : Saftant_32
• Track 62 : Celery_35
• Track 63 : Speedwell_37
• Track 64 : Verse_32
• Track 65 : GreenWeasel_33, phiHau3_33
• Track 66 : BroPlease_32
• Track 67 : Itza_33, Celia_33, Urza_33
• Track 68 : VieEnRose_33
• Track 69 : Trine_30
• Track 70 : Upyo_30
• Track 71 : Schmidt_40
• Track 72 : Catfish_44
• Track 73 : Keelan_83
• Track 74 : Ronaldo_86, Volt_86
• Track 75 : Fryberger_82, Ziko_85, Guey18_87
• Track 76 : Octobien14_58
• Track 77 : Syleon_59, Kudefre_58
• Track 78 : Sephiroth_57
• Track 79 : LilJank_57
• Track 80 : Neville_58
• Track 81 : Rabbitrun_58
• Track 82 : Trax_57
• Track 83 : Tuco_68, Traaww1_63, Miniwave_62, SirDuracell_66, Easy2Say_68, IHOP_65, MPhalcon_68, Murica_70, Murphy_67, Pharsalus_64, BadStone_64,

Gator_65, HufflyPuff_70, Moldemort_70, Bask21_67, Tarkin_66, Rakim_68, ABCat_64, Mosby_63, Wiggin_69, TBrady12_70, Bogg_67, Teaspoon_68, Goku_65, Youngblood_70, CrystalP_66, Cjw1_67, Thresher_69, BaboJay_64, Asriel_66, Henry_65, Porky_66, Bruin_64, Toto_65, NonchalantPear_67, Ptowny_64, Barbarian_66, Phaja_65, MISSy_68, Filch_68, OrionPax_66, ShamWow_67, StellaBean_65, BilboSwaggins_65, Czyszczon1_68, Manda_67, RiverMonster_67, Ukulele_62, Becksu_66, Adnama_71, Elph10_67, SophKB_64, Kostya_67, Terminus_70, StormChicken_69, Elite2014_66, Maxxinista_69, ChosenOne_67, Dusk_64, DoctorDiddles_66, Paperbeatsrock_66, Simpliphy_66, Saints25_66, Contagion_63, PaddyBaddy_67, Lilpickle_66, Misfit_68, Stank_70, NoSleep_68, Highbury_66, MadamMonkfish_67, Nala_69, BigBubba_67, Mindy_66, TeardropMSU_63, Dumbo_67, Pumpkin_70, xkcd_70, Eureka_65, Phrux_64, FireRed_71, Xandras_66, Emmina_67

• Track 84 : Rimmer_68, Icee_68, Sassay_62, Kanye_64, AmericanBeauty_71, FairyPath_68, Harella_67, Gemini_72, Command613_69, Quallification_68, MollyToe_62, YassJohnny_64, NelitzaMV_65, Thimble_68, Pat3_65, Buck_68, GoldenSpark_71, Glexan_66, Cookies_64, Argent26_71, StolenFromERC_70, Flypotenuse_63, Hoonter_70, Tomaszewski_62, Sotrice96_68, Cactus_70, Myrale_67, GooberAzure_70, Goldilocks_70, Balomoji_67, Kimchi_71, Marshmallow_65, ShereKhan_66, 244_68, Gage_69, Brewer_63, Daikon_69, Holt_72, Willez_62

• Track 85 : FoghornLeghorn_61, Stark_68, Greep_71, Livelaughbron_69, Palpatine_69, Petra64142_71, TeamEdward_69, Phaux_69, ChotaBhai_67, Nimrod_68, Amao_67, JeTaime_67, DrDrey_67, Policronamos_70, Lilac_69, Hopey_67, BugsBunny_67, HanKaySha_67

• Track 86 : Lilizi_68, Bench_70

• Track 87 : PhatBacter_71

• Track 88 : Inca_64

• Track 89 : Budgie_73

• Track 90 : MAckerman_58, DirkDirk_56, LeBron_58, Halena_57

• Track 91 : JoeDirt_58

• Track 92 : CicholasNage_58, Acquire49_59

• Track 93 : Poochiewood_59, Wyatt2_60, Rose5_59, Tyson_59

• Track 94 : Appletree2_59, Enceladus_57

• Track 95 : UPIE_59

• Track 96 : Silverleaf_59, AvadaKedavra_59

• Track 97 : Calm_60, Zaria_60, Wamburgrxpress_59

• Track 98 : OhShagHennessy_57

• Track 99 : Gardann_62, Faith1_61, DrSeegs_61, BigCheese_61, Gabriela_58, GuuelaD_60, Molivier_52, Crossroads_61, Itos_60, Rumpelstiltskin_60, Vetrix_61, Winky_61, Zakai_62, Lewan_62, Lynnae_62, BobsGarage_61, Breezona_61, Sarshaun_61, Finemlucis_61, Netyap_62, Wilder_62, Miley16_61, ChengKai98_61, LilDestine_61, Hiraya_61, Nicholasp3_61, MkaliMitinis3_62, Underpass_52, Loadrie_60, OverPar_62, SoJulia_63, Kahlid_61, Hafay_62

• Track 100 : Soap141_61

• Track 101 : ZhongYanYuan_59, DanBing_61, DHan_62, Baoshan_60

• Track 102 : Archie_61, Bazzle_61

• Track 103 : Tourach_60

• Track 104 : Claus_61

• Track 105 : Wigglewiggle_61

• Track 106 : Rossetti_62

• Track 107 : Bellis_61, Jobypre_61, MsGreen_61, Finnry_61, TriFive_62, Lumos_62, Jubie_60, Snenia_60, Samty_61, Nicholas_60, Clautastrophe_60, Kingsolomon_60,

Red305_61, Moostard_60
• Track 108 : KirDoubleO7_59, LiyuLake_60, BourbonZero_61, Ellson_60
• Track 109 : MiniMac_64
• Track 110 : MiniLon_64, Lolly9_60
• Track 111 : Krypton555_62
• Track 112 : DuncansLeg_61
• Track 113 : Whirlwind_61
• Track 114 : Chaser_57, Quby_59, Douzhi_59, Douge_59, Sheng711_59, ChutneyChips_59
• Track 115 : BrainDrainer_59
• Track 116 : Bromden_60
• Track 117 : FarmResident_61
• Track 118 : DyoEdafos_61
• Track 119 : PYPDinur_57
• Track 120 : Kropertea_58
• Track 121 : Aegeus_64, Baudelaire_64
• Track 122 : Glaske16_57, Diminimus_57, Bongo_56, TpudiCK_58, Bricole_56, IPhane7_56, Izel_57, PegLeg_56, TyDawg_56, LilhomieP_55, KleverKiS_57, FreakyGoo_57, Skinny_58, SlimJimmy_55, Auspice_56, Dulcita_57
• Track 123 : Reindeer_58
• Track 124 : RoseMarie_61
• Track 125 : GardenSalsa_64, Estes_64, MrMagoo_65
• Track 126 : Aziz_62, GenevaB15_63
• Track 127 : Rey_63
• Track 128 : Nanosmite_61
• Track 129 : VasuNzinga_65, Beelzebub_70, Pringar_65
• Track 130 : FeliMaine_68, MosMoris_63, Huphlepuff_68, Tesla_63, Poise_66, Clarkson_67, Gattaca_64, Raela_66, JoieB_67, Caprice_65, Lilbit_64, LittleLaf_66, Corazon_64, Marvin_62, Blackbeetle_66, RedRaider77_65, GoongGoong_65
• Track 131 : EniyanLRS_64
• Track 132 : Azrael100_67, Wildcat_67, MaryV_67, Cosmo_68
• Track 133 : Kumao_48
• Track 134 : DS6A_69

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

The start number called the most often in the published annotations is 23, it was called in 137 of the 390 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• 244_68, ABCat_64, Adnama_71, Amao_67, AmericanBeauty_71, Argent26_71, Asriel_66, BaboJay_64, BadStone_64, Balomoji_67, Barbarian_66, Bask21_67, Becksu_66, Bench_70, BigBubba_67, BilboSwaggins_65, Bogg_67, Brewer_63, Bruin_64, Buck_68, Budgie_73, BugsBunny_67, Cactus_70, Calm_60, ChosenOne_67, ChotaBhai_67, Cjw1_67, Command613_69, Contagion_63, Cookies_64, CrystalP_66, Czyszczon1_68, Daikon_69, DoctorDiddles_66, DrDrey_67, Dumbo_67, Dusk_64, Easy2Say_68, Elite2014_66, Elph10_67, Emmina_67, Eureka_65, FairyPath_68, Filch_68, FireRed_71, Flypotenuse_63, FoghornLeghorn_61, Gage_69, Gator_65, Gemini_72, Glexan_66, Goku_65, GoldenSpark_71, Goldilocks_70, GooberAzure_70, Greep_71, HanKaySha_67,

Harella_67, Henry_65, Highbury_66, Holt_72, Hoonter_70, Hopey_67, HufflyPuff_70, IHOP_65, Icee_68, JeTaime_67, Kanye_64, Kimchi_71, Kostya_67, Kumao_48, Lilac_69, Lilizi_68, Lilpickle_66, Livelaughbron_69, MISSy_68, MPhalcon_68, MadamMonkfish_67, Manda_67, Marshmallow_65, Maxxinista_69, Mindy_66, Miniwave_62, Misfit_68, Moldemort_70, MollyToe_62, Mosby_63, Murica_70, Murphy_67, Myrale_67, Nala_69, NelitzaMV_65, Nimrod_68, NoSleep_68, NonchalantPear_67, OrionPax_66, PaddyBaddy_67, Palpatine_69, Paperbeatsrock_66, Pat3_65, Petra64142_71, Phaja_65, Pharsalus_64, PhatBacter_71, Phaux_69, Phrux_64, Policronamos_70, Porky_66, Ptowny_64, Pumpkin_70, Quallification_68, Rakim_68, Rimmer_68, RiverMonster_67, Saints25_66, Sassay_62, ShamWow_67, ShereKhan_66, Simpliphy_66, SirDuracell_66, SophKB_64, Sotrice96_68, Stank_70, Stark_68, StellaBean_65, StolenFromERC_70, StormChicken_69, TBrady12_70, Tarkin_66, TeamEdward_69, TeardropMSU_63, Teaspoon_68, Terminus_70, Thimble_68, Thresher_69, Tomaszewski_62, Toto_65, Traaww1_63, Tuco_68, Ukulele_62, Wamburgrxpress_59, Wiggin_69, Willez_62, Xandras_66, YassJohnny_64, Youngblood_70, Zaria_60, xkcd_70,

Genes that have the "Most Annotated" start but do not call it:
• Inca_64, OhShagHennessy_57,

Genes that do not have the "Most Annotated" start:
• Aaronocolus_31, Acquire49_59, Aegeus_64, Alsaber_33, Alvy_33, Amela_32, Amethyst_31, Andris_31, Animus_31, Appletree2_59, Archie_61, Asten_30, Auspice_56, AvadaKedavra_59, Axiom_32, Aziz_62, Azrael100_67, Baoshan_60, BarryBee_32, BartholomewSD_33, Baudelaire_64, Bazzle_61, BeardedLady_32, Beelzebub_70, Bellis_61, BigCheese_61, Blackbeetle_66, BobsGarage_61, Bongo_56, BourbonZero_61, Bovely_31, Bowden_31, BrainDrainer_59, Brataylor_33, Breezona_61, Bricole_56, BroPlease_32, Bromden_60, BryanRecycles_32, Caelum_32, Caliburn_31, Caprice_65, Catfish_44, Celery_35, Celeste_31, Celia_33, Chaser_57, ChengKai98_61, Chucky_30, ChutneyChips_59, CicholasNage_58, Clarkson_67, Claus_61, Clautastrophe_60, Conan_33, Corazon_64, Cosmo_68, Crossroads_61, DHan_62, DS6A_69, DanBing_61, Danzina_32, Dattran_32, Daudau_31, Dexers_31, Diane_31, Diminimus_57, DirkDirk_56, Douge_59, Douzhi_59, DrSeegs_61, Dulcita_57, DuncansLeg_61, Dwayne_30, DyoEdafos_61, ELB20_30, Eddasa_32, Ejemplo_30, ElGato_33, Ellson_60, Emaanora_32, Enceladus_57, EniyanLRS_64, EnochSoames_34, Esperer_31, Estes_64, Faith1_61, FarmResident_61, FeliMaine_68, Finemlucis_61, Finnry_61, FreakyGoo_57, Fryberger_82, Gabriela_58, Gardann_62, GardenSalsa_64, Gattaca_64, GenevaB15_63, GirlDinner_31, Glaske16_57, Goby_31, Godpower_32, GoongGoong_65, GreenWeasel_33, Guey18_87, GuuelaD_60, Hafay_62, Haizum_31, Halena_57, Hank144_32, Hippo_30, Hiraya_61, Huphlepuff_68, Hydra_33, IPhane7_56, Indigo_30, Issmi_32, Itos_60, Itza_33, Izel_57, Izzy_32, Janus_32, Jash_32, Jevington_33, Jhitchelle_31, Jobypre_61, JoeDirt_58, JoieB_67, Jubie_60, Kahlid_61, Kaine_32, Katalie_31, Keelan_83, Kingsolomon_60, KirDoubleO7_59, KleverKiS_57, Kropertea_58, Krypton555_62, Kudefre_58, Lannister_33, LeBron_58, Legacy_31, Leviticus_31, Lewan_62, Lika_31, LilDestine_61, LilJank_57, Lilbit_64, LilhomieP_55, LittleLaf_66, LiyuLake_60, Loadrie_60, Lolly9_60, Loofah_32, Lorelei_31, Lumos_62, Lynnae_62, MAckerman_58, Maneekul_30, Marav_34, Marvin_62, MaryV_67, Miley16_61, MiniLon_64, MiniMac_64, MkaliMitinis3_62, Molivier_52, Moostard_60, MosMoris_63, MrMagoo_65, MsGreen_61, Nabi_31, Nanodon_33, Nanosmite_61, Nerdos_31, Netyap_62, Neville_58, Nicholas_60, Nicholasp3_61, Nishikigoi_31, Octobien14_58,

Oliynyk_32, Omar_32, OverPar_62, Ozzie_31, OzzyJ_31, PYPDinur_57, Pablito_31, Paedore_31, Paolo_33, Pavo_33, PegLeg_56, Phettuccine_31, Poise_66, Poochiewood_59, Pringar_65, Provolone_33, Puginator_33, Quby_59, R4_31, Rabbitrun_58, Raela_66, Rana_31, Red305_61, RedBear_32, RedRaider77_65, Reindeer_58, Rey_63, Ronaldo_86, Rose5_59, RoseMarie_61, Rossetti_62, Rumpelstiltskin_60, Rusticus_32, Saftant_32, Samty_61, SarahRose_30, Sarshaun_61, Schmidt_40, Sephiroth_57, Sheng711_59, Silverleaf_59, Skinny_58, SlimJimmy_55, Snenia_60, Snorlax_30, SoJulia_63, Soap141_61, South40_31, Speedwell_37, SqueakyClean_31, Sudan_32, Sujidade_32, SunkenRoot_32, SunsetPointe_31, Superstar_35, Syleon_59, TagePhighter_31, Tefunt_31, Tesla_63, Thestral_32, TinaBelcher_31, Toma_31, Tourach_60, TpudiCK_58, Trax_57, TriFive_62, Trine_30, Triste_30, Triumph_33, TrvxScott_30, TuanPN_30, TyDawg_56, Tyson_59, UPIE_59, Underpass_52, Unstoppable_31, Upyo_30, Urza_33, Vanseggelen_37, VasuNzinga_65, Verabelle_34, Verse_32, Vetrix_61, VieEnRose_33, Volt_86, Werner_30, Whatever_30, Whirlwind_61, Wigglewiggle_61, Wildcat_67, Wilder_62, Winky_61, Wyatt2_60, Yasdnil_30, Yosif_34, Zainub_33, Zakai_62, ZamZam_32, Zemlya_32, ZhongYanYuan_59, Ziko_85, phiCAM_31, phiHau3_33,

Summary by start number:

Start 23:
• Found in 150 of 434 (34.6%) of genes in pham
• Manual Annotations of this start: 137 of 390
• Called 98.7% of time when present
• Phage (with cluster) where this start called: 244_68 (E), ABCat_64 (E), Adnama_71 (E), Amao_67 (E), AmericanBeauty_71 (E), Argent26_71 (E), Asriel_66 (E), BaboJay_64 (E), BadStone_64 (E), Balomoji_67 (E), Barbarian_66 (E), Bask21_67 (E), Becksu_66 (E), Bench_70 (E), BigBubba_67 (E), BilboSwaggins_65 (E), Bogg_67 (E), Brewer_63 (E), Bruin_64 (E), Buck_68 (E), Budgie_73 (E), BugsBunny_67 (E), Cactus_70 (E), Calm_60 (L1), ChosenOne_67 (E), ChotaBhai_67 (E), Cjw1_67 (E), Command613_69 (E), Contagion_63 (E), Cookies_64 (E), CrystalP_66 (E), Czyszczon1_68 (E), Daikon_69 (E), DoctorDiddles_66 (E), DrDrey_67 (E), Dumbo_67 (E), Dusk_64 (E), Easy2Say_68 (E), Elite2014_66 (E), Elph10_67 (E), Emmina_67 (E), Eureka_65 (E), FairyPath_68 (E), Filch_68 (E), FireRed_71 (E), Flypotenuse_63 (E), FoghornLeghorn_61 (E), Gage_69 (E), Gator_65 (E), Gemini_72 (E), Glexan_66 (E), Goku_65 (E), GoldenSpark_71 (E), Goldilocks_70 (E), GooberAzure_70 (E), Greep_71 (E), HanKaySha_67 (E), Harella_67 (E), Henry_65 (E), Highbury_66 (E), Holt_72 (E), Hoonter_70 (E), Hopey_67 (E), HufflyPuff_70 (E), IHOP_65 (E), Icee_68 (E), JeTaime_67 (E), Kanye_64 (E), Kimchi_71 (E), Kostya_67 (E), Kumao_48 (singleton), Lilac_69 (E), Lilizi_68 (E), Lilpickle_66 (E), Livelaughbron_69 (E), MISSy_68 (E), MPhalcon_68 (E), MadamMonkfish_67 (E), Manda_67 (E), Marshmallow_65 (E), Maxxinista_69 (E), Mindy_66 (E), Miniwave_62 (E), Misfit_68 (E), Moldemort_70 (E), MollyToe_62 (E), Mosby_63 (E), Murica_70 (E), Murphy_67 (E), Myrale_67 (E), Nala_69 (E), NelitzaMV_65 (E), Nimrod_68 (E), NoSleep_68 (E), NonchalantPear_67 (E), OrionPax_66 (E), PaddyBaddy_67 (E), Palpatine_69 (E), Paperbeatsrock_66 (E), Pat3_65 (E), Petra64142_71 (E), Phaja_65 (E), Pharsalus_64 (E), PhatBacter_71 (E), Phaux_69 (E), Phrux_64 (E), Policronamos_70 (E), Porky_66 (E), Ptowny_64 (E), Pumpkin_70 (E), Quallification_68 (E), Rakim_68 (E), Rimmer_68 (E), RiverMonster_67 (E), Saints25_66 (E), Sassay_62 (E), ShamWow_67 (E), ShereKhan_66 (E), Simpliphy_66 (E), SirDuracell_66 (E), SophKB_64 (E), Sotrice96_68 (E), Stank_70 (E), Stark_68 (E), StellaBean_65 (E),

StolenFromERC_70 (E), StormChicken_69 (E), TBrady12_70 (E), Tarkin_66 (E), TeamEdward_69 (E), TeardropMSU_63 (E), Teaspoon_68 (E), Terminus_70 (E), Thimble_68 (E), Thresher_69 (E), Tomaszewski_62 (E), Toto_65 (E), Traaww1_63 (E), Tuco_68 (E), Ukulele_62 (E), Wamburgrxpress_59 (L1), Wiggin_69 (E), Willez_62 (E), Xandras_66 (E), YassJohnny_64 (E), Youngblood_70 (E), Zaria_60 (L1), xkcd_70 (E),

Start 27:
• Found in 2 of 434 (0.5%) of genes in pham
• Manual Annotations of this start: 2 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Trine_30 (CD), Upyo_30 (CD),

Start 31:
• Found in 263 of 434 (60.6%) of genes in pham
• Manual Annotations of this start: 107 of 390
• Called 41.4% of time when present
• Phage (with cluster) where this start called: Aaronocolus_31 (BD1), Alsaber_33 (BD3), Alvy_33 (BD2), Amethyst_31 (BD2), Andris_31 (BD2), Animus_31 (BD2), Asten_30 (BD1), Axiom_32 (BD2), BarryBee_32 (BD1), BartholomewSD_33 (BD2), BeardedLady_32 (BD1), Bovely_31 (BD1), Bowden_31 (BD2), Brataylor_33 (BD1), BroPlease_32 (BD4), BryanRecycles_32 (BD1), Caliburn_31 (BD1), Celeste_31 (BD1), Celia_33 (BD6), Chucky_30 (BD1), Conan_33 (BD3), Danzina_32 (BD1), Dattran_32 (BD1), Daudau_31 (BD2), Dexers_31 (BD3), Diane_31 (BD2), Dwayne_30 (BD1), ELB20_30 (BD2), Eddasa_32 (BD1), Ejemplo_30 (BD1), ElGato_33 (BD3), Emaanora_32 (BD1), EnochSoames_34 (BD1), Esperer_31 (BD1), GirlDinner_31 (BD2), Goby_31 (BD1), Godpower_32 (BD1), GreenWeasel_33 (BD4), Haizum_31 (BD2), Hank144_32 (BD2), Hippo_30 (BD1), Hydra_33 (BD1), Inca_64 (E), Indigo_30 (BD1), Itza_33 (BD6), Izzy_32 (BD1), Janus_32 (BD2), Jash_32 (BD1), Jevington_33 (BD2), Jhitchelle_31 (BD3), Kaine_32 (BD3), Katalie_31 (BD1), Lannister_33 (BD1), Legacy_31 (BD1), Leviticus_31 (BD1), Lika_31 (BD1), Loofah_32 (BD2), Lorelei_31 (BD1), Maneekul_30 (BD1), Marav_34 (BD2), Nabi_31 (BD1), Nanodon_33 (BD1), Nerdos_31 (BD1), Nishikigoi_31 (BD2), Oliynyk_32 (BD1), Omar_32 (BD2), Ozzie_31 (BD1), OzzyJ_31 (BD1), Paedore_31 (BD2), Paolo_33 (BD2), Phettuccine_31 (BD1), Provolone_33 (BD3), Puginator_33 (BD2), R4_31 (BD2), Rana_31 (BD1), RedBear_32 (BD1), Rusticus_32 (BD1), Saftant_32 (BD3), SarahRose_30 (BD1), Snorlax_30 (BD1), South40_31 (BD1), Speedwell_37 (BD3), SqueakyClean_31 (BD2), Sudan_32 (BD3), Sujidade_32 (BD1), SunkenRoot_32 (BD3), SunsetPointe_31 (BD1), Superstar_35 (BD2), TagePhighter_31 (BD1), Tefunt_31 (BD2), Thestral_32 (BD2), TinaBelcher_31 (BD2), Toma_31 (BD1), Triste_30 (BD1), Triumph_33 (BD2), TrvxScott_30 (BD2), TuanPN_30 (BD1), Unstoppable_31 (BD1), Urza_33 (BD6), Verse_32 (BD3), VieEnRose_33 (BD6), Werner_30 (BD1), Whatever_30 (BD1), Yasdnil_30 (BD1), Yosif_34 (BD3), Zainub_33 (BD2), ZamZam_32 (BD3), Zemlya_32 (BD1), phiHau3_33 (BD4),

Start 32:
• Found in 1 of 434 (0.2%) of genes in pham
• Manual Annotations of this start: 1 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DS6A_69 (singleton),

Start 33:

• Found in 22 of 434 (5.1%) of genes in pham
• Manual Annotations of this start: 22 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beelzebub_70 (S), Blackbeetle_66 (S), Caprice_65 (S), Catfish_44 (CU5), Clarkson_67 (S), Corazon_64 (S), FeliMaine_68 (S), Gattaca_64 (S), GoongGoong_65 (S), Huphlepuff_68 (S), JoieB_67 (S), Lilbit_64 (S), LittleLaf_66 (S), Marvin_62 (S), MosMoris_63 (S), Poise_66 (S), Pringar_65 (S), Raela_66 (S), RedRaider77_65 (S), Schmidt_40 (CU4), Tesla_63 (S), VasuNzinga_65 (S),

Start 34:
• Found in 73 of 434 (16.8%) of genes in pham
• Manual Annotations of this start: 49 of 390
• Called 90.4% of time when present
• Phage (with cluster) where this start called: Acquire49_59 (L1), Archie_61 (L2), AvadaKedavra_59 (L1), Baoshan_60 (L2), Bazzle_61 (L2), BigCheese_61 (L2), BobsGarage_61 (L2), BrainDrainer_59 (L4), Breezona_61 (L2), Chaser_57 (L4), ChengKai98_61 (L2), ChutneyChips_59 (L4), CicholasNage_58 (L1), Claus_61 (L2), Crossroads_61 (L2), DHan_62 (L2), DanBing_61 (L2), DirkDirk_56 (L1), Douge_59 (L4), Douzhi_59 (L4), DrSeegs_61 (L2), Faith1_61 (L2), Finemlucis_61 (L2), Gabriela_58 (L2), Gardann_62 (L2), GuuelaD_60 (L2), Hafay_62 (L2), Halena_57 (L1), Hiraya_61 (L2), Itos_60 (L2), JoeDirt_58 (L1), Kahlid_61 (L2), LeBron_58 (L1), Lewan_62 (L2), LilDestine_61 (L2), Loadrie_60 (L2), Lynnae_62 (L2), MAckerman_58 (L1), Miley16_61 (L2), MkaliMitinis3_62 (L2), Molivier_52 (L2), Netyap_62 (L2), Nicholasp3_61 (L2), OhShagHennessy_57 (L1), OverPar_62 (L2), PYPDinur_57 (L4), Poochiewood_59 (L1), Quby_59 (L4), Rose5_59 (L1), Rossetti_62 (L2), Rumpelstiltskin_60 (L2), Sarshaun_61 (L2), Sheng711_59 (L4), Silverleaf_59 (L1), SoJulia_63 (L2), Tourach_60 (L2), Tyson_59 (L1), UPIE_59 (L1), Underpass_52 (L2), Vetrix_61 (L2), Wigglewiggle_61 (L2), Wilder_62 (L2), Winky_61 (L2), Wyatt2_60 (L1), Zakai_62 (L2), ZhongYanYuan_59 (L2),

Start 35:
• Found in 151 of 434 (34.8%) of genes in pham
• Manual Annotations of this start: 2 of 390
• Called 1.3% of time when present
• Phage (with cluster) where this start called: DyoEdafos_61 (L4), Kropertea_58 (L4),

Start 37:
• Found in 9 of 434 (2.1%) of genes in pham
• Manual Annotations of this start: 8 of 390
• Called 88.9% of time when present
• Phage (with cluster) where this start called: Kudefre_58 (DU1), LilJank_57 (DU2), Neville_58 (DU2), Octobien14_58 (DU1), Rabbitrun_58 (DU2), Sephiroth_57 (DU1), Syleon_59 (DU1), Trax_57 (DU2),

Start 38:
• Found in 59 of 434 (13.6%) of genes in pham
• Manual Annotations of this start: 3 of 390
• Called 10.2% of time when present
• Phage (with cluster) where this start called: Amela_32 (BD3), Pablito_31 (BD2), Pavo_33 (BD3), Vanseggelen_37 (BD3), Verabelle_34 (BD3), phiCAM_31 (BD3),

Start 45:

• Found in 6 of 434 (1.4%) of genes in pham
• Manual Annotations of this start: 6 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Azrael100_67 (V), Cosmo_68 (V), EniyanLRS_64 (V), MaryV_67 (V), Rey_63 (M2), Wildcat_67 (V),

Start 47:
• Found in 171 of 434 (39.4%) of genes in pham
• No Manual Annotations of this start.
• Called 0.6% of time when present
• Phage (with cluster) where this start called: Celery_35 (BD3),

Start 51:
• Found in 20 of 434 (4.6%) of genes in pham
• Manual Annotations of this start: 16 of 390
• Called 95.0% of time when present
• Phage (with cluster) where this start called: Auspice_56 (M1), Bongo_56 (M1), Bricole_56 (M1), Diminimus_57 (M1), Dulcita_57 (M1), FreakyGoo_57 (M1), Glaske16_57 (M1), IPhane7_56 (M1), Izel_57 (M1), KleverKiS_57 (M1), LilhomieP_55 (M1), Nanosmite_61 (M3), PegLeg_56 (M1), Reindeer_58 (M1), RoseMarie_61 (M1), Skinny_58 (M1), SlimJimmy_55 (M1), TpudiCK_58 (M1), TyDawg_56 (M1),

Start 57:
• Found in 6 of 434 (1.4%) of genes in pham
• Manual Annotations of this start: 6 of 390
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Fryberger_82 (DP), Guey18_87 (DP), Keelan_83 (DP), Ronaldo_86 (DP), Volt_86 (DP), Ziko_85 (DP),

Start 58:
• Found in 7 of 434 (1.6%) of genes in pham
• Manual Annotations of this start: 2 of 390
• Called 28.6% of time when present
• Phage (with cluster) where this start called: Aegeus_64 (L5), Baudelaire_64 (L5),

Start 65:
• Found in 247 of 434 (56.9%) of genes in pham
• Manual Annotations of this start: 1 of 390
• Called 0.4% of time when present
• Phage (with cluster) where this start called: Caelum_32 (BD2),

Start 67:
• Found in 43 of 434 (9.9%) of genes in pham
• Manual Annotations of this start: 5 of 390
• Called 11.6% of time when present
• Phage (with cluster) where this start called: Aziz_62 (M2), Estes_64 (M2), GardenSalsa_64 (M2), GenevaB15_63 (M2), MrMagoo_65 (M2),

Start 70:
• Found in 199 of 434 (45.9%) of genes in pham
• Manual Annotations of this start: 20 of 390
• Called 12.6% of time when present

• Phage (with cluster) where this start called: Bellis_61 (L3), BourbonZero_61 (L3), Clautastrophe_60 (L3), DuncansLeg_61 (L3), Ellson_60 (L3), Finnry_61 (L3), Issmi_32 (BD2), Jobypre_61 (L3), Jubie_60 (L3), Kingsolomon_60 (L3), KirDoubleO7_59 (L3), Krypton555_62 (L3), LiyuLake_60 (L3), Lolly9_60 (L3), Lumos_62 (L3), MiniLon_64 (L3), MiniMac_64 (L3), Moostard_60 (L3), MsGreen_61 (L3), Nicholas_60 (L3), Red305_61 (L3), Samty_61 (L3), Snenia_60 (L3), TriFive_62 (L3), Whirlwind_61 (L3),

Start 71:
• Found in 246 of 434 (56.7%) of genes in pham
• Manual Annotations of this start: 3 of 390
• Called 2.0% of time when present
• Phage (with cluster) where this start called: Appletree2_59 (L1), Bromden_60 (L4), Enceladus_57 (L1), FarmResident_61 (L4), Soap141_61 (L2),

Summary by clusters:

There are 23 clusters represented in this pham: singleton, V, M1, M3, M2, DP, CU5, CU4, BD4, BD6, BD1, BD3, BD2, DU1, DU2, E, CD, L4, L5, L2, L3, L1, S,

Info for manual annotations of cluster BD1:
•Start number 31 was manually annotated 55 times for cluster BD1.

Info for manual annotations of cluster BD2:
•Start number 31 was manually annotated 30 times for cluster BD2.
•Start number 38 was manually annotated 1 time for cluster BD2.
•Start number 65 was manually annotated 1 time for cluster BD2.
•Start number 70 was manually annotated 1 time for cluster BD2.

Info for manual annotations of cluster BD3:
•Start number 31 was manually annotated 14 times for cluster BD3.
•Start number 38 was manually annotated 2 times for cluster BD3.

Info for manual annotations of cluster BD4:
•Start number 31 was manually annotated 3 times for cluster BD4.

Info for manual annotations of cluster BD6:
•Start number 31 was manually annotated 4 times for cluster BD6.

Info for manual annotations of cluster CD:
•Start number 27 was manually annotated 2 times for cluster CD.

Info for manual annotations of cluster CU4:
•Start number 33 was manually annotated 1 time for cluster CU4.

Info for manual annotations of cluster CU5:
•Start number 33 was manually annotated 1 time for cluster CU5.

Info for manual annotations of cluster DP:
•Start number 57 was manually annotated 6 times for cluster DP.

Info for manual annotations of cluster DU1:
•Start number 37 was manually annotated 4 times for cluster DU1.

Info for manual annotations of cluster DU2:
•Start number 37 was manually annotated 4 times for cluster DU2.

Info for manual annotations of cluster E:
•Start number 23 was manually annotated 133 times for cluster E.
•Start number 31 was manually annotated 1 time for cluster E.

Info for manual annotations of cluster L1:
•Start number 23 was manually annotated 3 times for cluster L1.
•Start number 34 was manually annotated 14 times for cluster L1.
•Start number 71 was manually annotated 2 times for cluster L1.

Info for manual annotations of cluster L2:
•Start number 34 was manually annotated 32 times for cluster L2.

Info for manual annotations of cluster L3:
•Start number 70 was manually annotated 19 times for cluster L3.

Info for manual annotations of cluster L4:
•Start number 34 was manually annotated 3 times for cluster L4.
•Start number 35 was manually annotated 2 times for cluster L4.
•Start number 71 was manually annotated 1 time for cluster L4.

Info for manual annotations of cluster L5:
•Start number 58 was manually annotated 2 times for cluster L5.

Info for manual annotations of cluster M1:
•Start number 51 was manually annotated 15 times for cluster M1.

Info for manual annotations of cluster M2:
•Start number 45 was manually annotated 1 time for cluster M2.
•Start number 67 was manually annotated 5 times for cluster M2.

Info for manual annotations of cluster M3:
•Start number 51 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster S:
•Start number 33 was manually annotated 20 times for cluster S.

Info for manual annotations of cluster V:
•Start number 45 was manually annotated 5 times for cluster V.

Gene Information:

Gene: 244_68 Start: 44193, Stop: 45161, Start Num: 23
Candidate Starts for 244_68:
(Start: 23 @44193 has 137 MA's), (Start: 31 @44232 has 107 MA's), (Start: 35 @44238 has 2 MA's), (44, 44262), (47, 44280), (Start: 65 @44412 has 1 MA's), (69, 44427), (Start: 70 @44430 has 20 MA's), (Start: 71 @44433 has 3 MA's), (82, 44550), (85, 44568), (131, 44781), (177, 44997), (180, 45009), (182, 45015), (192, 45051), (205, 45099), (220, 45147),

Gene: ABCat_64 Start: 44540, Stop: 45508, Start Num: 23
Candidate Starts for ABCat_64:
(Start: 23 @44540 has 137 MA's), (Start: 31 @44579 has 107 MA's), (Start: 35 @44585 has 2 MA's), (44, 44609), (47, 44627), (Start: 65 @44759 has 1 MA's), (69, 44774), (Start: 70 @44777 has 20 MA's), (Start: 71 @44780 has 3 MA's), (82, 44897), (85, 44915), (131, 45128), (177, 45344), (180, 45356), (182, 45362), (192, 45398), (205, 45446), (220, 45494),

Gene: Aaronocolus_31 Start: 23527, Stop: 24504, Start Num: 31
Candidate Starts for Aaronocolus_31:
(3, 23125), (5, 23155), (16, 23386), (Start: 31 @23527 has 107 MA's), (Start: 38 @23542 has 3 MA's), (61, 23695), (Start: 65 @23713 has 1 MA's), (66, 23716), (Start: 67 @23719 has 5 MA's), (68, 23722), (106, 23944), (107, 23947), (108, 23956), (119, 24004), (126, 24022), (146, 24121), (150, 24142), (151, 24148), (179, 24289), (190, 24331), (194, 24349), (214, 24421), (221, 24445), (222, 24448), (225, 24466),

Gene: Acquire49_59 Start: 41447, Stop: 42379, Start Num: 34
Candidate Starts for Acquire49_59:
(Start: 34 @41447 has 49 MA's), (Start: 71 @41645 has 3 MA's), (117, 41942), (118, 41948), (124, 41969), (129, 41981), (131, 41993), (145, 42047), (147, 42053), (155, 42098), (156, 42104), (158, 42116), (175, 42203), (176, 42206), (177, 42209), (181, 42224), (195, 42275), (205, 42311), (218, 42353),

Gene: Adnama_71 Start: 44563, Stop: 45531, Start Num: 23
Candidate Starts for Adnama_71:
(Start: 23 @44563 has 137 MA's), (Start: 31 @44602 has 107 MA's), (Start: 35 @44608 has 2 MA's), (44, 44632), (47, 44650), (Start: 65 @44782 has 1 MA's), (69, 44797), (Start: 70 @44800 has 20 MA's), (Start: 71 @44803 has 3 MA's), (82, 44920), (85, 44938), (131, 45151), (177, 45367), (180, 45379), (182, 45385), (192, 45421), (205, 45469), (220, 45517),

Gene: Aegeus_64 Start: 43641, Stop: 44339, Start Num: 58
Candidate Starts for Aegeus_64:
(Start: 58 @43641 has 2 MA's), (60, 43659), (61, 43662), (Start: 67 @43686 has 5 MA's), (68, 43689), (74, 43725), (77, 43737), (82, 43797), (87, 43842), (90, 43863), (92, 43875), (97, 43902), (101, 43914), (114, 43965), (122, 43998), (134, 44028), (146, 44052), (155, 44100), (156, 44106), (164, 44142), (192, 44259), (196, 44277), (200, 44286), (210, 44325), (212, 44328),

Gene: Alsaber_33 Start: 25382, Stop: 26350, Start Num: 31
Candidate Starts for Alsaber_33:
(Start: 31 @25382 has 107 MA's), (Start: 38 @25397 has 3 MA's), (47, 25433), (53, 25466), (Start: 65 @25565 has 1 MA's), (72, 25598), (74, 25610), (84, 25676), (92, 25742), (106, 25796), (107, 25799), (108, 25808), (126, 25874), (150, 25994), (162, 26054), (170, 26096), (183, 26147), (201, 26213), (221, 26288), (225, 26300), (231, 26345),

Gene: Alvy_33 Start: 24823, Stop: 25797, Start Num: 31
Candidate Starts for Alvy_33:
(Start: 31 @24823 has 107 MA's), (69, 25030), (92, 25192), (106, 25246), (108, 25258), (109, 25261), (113, 25282), (119, 25306), (120, 25309), (150, 25444), (154, 25462), (162, 25504), (183, 25597), (190, 25627), (194, 25645), (197, 25654), (211, 25708), (221, 25738), (225, 25750), (230, 25792),

Gene: Amao_67 Start: 43948, Stop: 44916, Start Num: 23
Candidate Starts for Amao_67:

(Start: 23 @43948 has 137 MA's), (Start: 31 @43987 has 107 MA's), (Start: 35 @43993 has 2 MA's), (44, 44017), (47, 44035), (Start: 65 @44167 has 1 MA's), (69, 44182), (Start: 70 @44185 has 20 MA's), (Start: 71 @44188 has 3 MA's), (82, 44305), (85, 44323), (131, 44536), (177, 44752), (180, 44764), (182, 44770), (192, 44806), (205, 44854), (220, 44902),

Gene: Amela_32 Start: 26230, Stop: 27183, Start Num: 38
Candidate Starts for Amela_32:
(Start: 31 @26215 has 107 MA's), (Start: 38 @26230 has 3 MA's), (47, 26266), (53, 26299), (Start: 65 @26398 has 1 MA's), (66, 26401), (68, 26407), (99, 26614), (106, 26629), (107, 26632), (108, 26641), (111, 26656), (119, 26689), (120, 26692), (126, 26707), (150, 26827), (162, 26887), (170, 26929), (183, 26980), (201, 27046), (221, 27121), (225, 27133), (231, 27178),

Gene: AmericanBeauty_71 Start: 44706, Stop: 45674, Start Num: 23
Candidate Starts for AmericanBeauty_71:
(Start: 23 @44706 has 137 MA's), (Start: 31 @44745 has 107 MA's), (Start: 35 @44751 has 2 MA's), (44, 44775), (47, 44793), (Start: 65 @44925 has 1 MA's), (69, 44940), (Start: 70 @44943 has 20 MA's), (Start: 71 @44946 has 3 MA's), (82, 45063), (85, 45081), (131, 45294), (177, 45510), (180, 45522), (182, 45528), (192, 45564), (205, 45612), (220, 45660),

Gene: Amethyst_31 Start: 24241, Stop: 25203, Start Num: 31
Candidate Starts for Amethyst_31:
(24, 24199), (Start: 31 @24241 has 107 MA's), (Start: 38 @24256 has 3 MA's), (106, 24658), (108, 24670), (109, 24673), (113, 24694), (120, 24721), (126, 24736), (150, 24856), (154, 24874), (157, 24889), (162, 24916), (183, 25009), (225, 25162),

Gene: Andris_31 Start: 24271, Stop: 25218, Start Num: 31
Candidate Starts for Andris_31:
(22, 24229), (Start: 31 @24271 has 107 MA's), (Start: 38 @24286 has 3 MA's), (61, 24439), (Start: 65 @24457 has 1 MA's), (68, 24466), (74, 24502), (84, 24568), (92, 24634), (106, 24688), (108, 24700), (109, 24703), (146, 24865), (150, 24886), (151, 24892), (179, 25033), (183, 25045), (190, 25075), (194, 25093), (197, 25102), (214, 25165), (221, 25189), (222, 25192), (225, 25201),

Gene: Animus_31 Start: 24726, Stop: 25700, Start Num: 31
Candidate Starts for Animus_31:
(8, 24453), (12, 24555), (21, 24648), (Start: 31 @24726 has 107 MA's), (Start: 65 @24915 has 1 MA's), (68, 24924), (73, 24951), (81, 25011), (83, 25023), (106, 25146), (108, 25158), (109, 25161), (150, 25344), (154, 25362), (162, 25404), (183, 25497), (201, 25563), (221, 25638), (225, 25650), (231, 25695),

Gene: Appletree2_59 Start: 41937, Stop: 42671, Start Num: 71
Candidate Starts for Appletree2_59:
(Start: 34 @41739 has 49 MA's), (Start: 71 @41937 has 3 MA's), (117, 42234), (118, 42240), (124, 42261), (129, 42273), (131, 42285), (145, 42339), (147, 42345), (155, 42390), (156, 42396), (158, 42408), (175, 42495), (176, 42498), (177, 42501), (181, 42516), (190, 42549), (193, 42561), (195, 42567), (205, 42603), (215, 42636), (218, 42645),

Gene: Archie_61 Start: 43741, Stop: 44673, Start Num: 34
Candidate Starts for Archie_61:
(Start: 34 @43741 has 49 MA's), (Start: 71 @43939 has 3 MA's), (117, 44236), (129, 44275), (131, 44287), (148, 44350), (155, 44392), (156, 44398), (158, 44410), (175, 44497), (176, 44500), (181, 44518), (190, 44551), (195, 44569), (199, 44581), (205, 44605), (218, 44647),

Gene: Argent26_71 Start: 44344, Stop: 45312, Start Num: 23

Candidate Starts for Argent26_71:
(Start: 23 @44344 has 137 MA's), (Start: 31 @44383 has 107 MA's), (Start: 35 @44389 has 2 MA's), (44, 44413), (47, 44431), (Start: 65 @44563 has 1 MA's), (69, 44578), (Start: 70 @44581 has 20 MA's), (Start: 71 @44584 has 3 MA's), (82, 44701), (85, 44719), (131, 44932), (177, 45148), (180, 45160), (182, 45166), (192, 45202), (205, 45250), (220, 45298),

Gene: Asriel_66 Start: 42900, Stop: 43868, Start Num: 23
Candidate Starts for Asriel_66:
(Start: 23 @42900 has 137 MA's), (Start: 31 @42939 has 107 MA's), (Start: 35 @42945 has 2 MA's), (44, 42969), (47, 42987), (Start: 65 @43119 has 1 MA's), (69, 43134), (Start: 70 @43137 has 20 MA's), (Start: 71 @43140 has 3 MA's), (82, 43257), (85, 43275), (131, 43488), (177, 43704), (180, 43716), (182, 43722), (192, 43758), (205, 43806), (220, 43854),

Gene: Asten_30 Start: 23760, Stop: 24728, Start Num: 31
Candidate Starts for Asten_30:
(19, 23664), (24, 23718), (Start: 31 @23760 has 107 MA's), (61, 23928), (Start: 65 @23946 has 1 MA's), (68, 23955), (92, 24123), (103, 24168), (106, 24177), (108, 24189), (109, 24192), (113, 24213), (146, 24354), (150, 24375), (151, 24381), (159, 24426), (179, 24522), (190, 24564), (194, 24582), (214, 24654), (221, 24678), (222, 24681), (225, 24690), (227, 24714),

Gene: Auspice_56 Start: 39488, Stop: 40348, Start Num: 51
Candidate Starts for Auspice_56:
(Start: 51 @39488 has 16 MA's), (Start: 67 @39602 has 5 MA's), (109, 39860), (117, 39896), (121, 39914), (123, 39920), (125, 39926), (127, 39947), (141, 40004), (149, 40043), (150, 40049), (159, 40100), (184, 40196), (196, 40247), (202, 40262), (222, 40337), (223, 40340),

Gene: AvadaKedavra_59 Start: 41520, Stop: 42452, Start Num: 34
Candidate Starts for AvadaKedavra_59:
(Start: 34 @41520 has 49 MA's), (Start: 71 @41718 has 3 MA's), (117, 42015), (118, 42021), (124, 42042), (129, 42054), (131, 42066), (133, 42072), (145, 42120), (147, 42126), (155, 42171), (156, 42177), (158, 42189), (176, 42279), (177, 42282), (181, 42297), (195, 42348), (205, 42384), (218, 42426),

Gene: Axiom_32 Start: 24442, Stop: 25422, Start Num: 31
Candidate Starts for Axiom_32:
(14, 24301), (Start: 31 @24442 has 107 MA's), (61, 24610), (Start: 65 @24628 has 1 MA's), (68, 24637), (74, 24673), (84, 24739), (92, 24805), (106, 24859), (108, 24871), (109, 24874), (146, 25036), (150, 25057), (151, 25063), (179, 25204), (190, 25246), (194, 25264), (197, 25273), (214, 25336), (221, 25360), (222, 25363), (225, 25372), (231, 25417),

Gene: Aziz_62 Start: 41623, Stop: 42369, Start Num: 67
Candidate Starts for Aziz_62:
(Start: 67 @41623 has 5 MA's), (98, 41845), (120, 41929), (121, 41935), (123, 41941), (127, 41968), (141, 42025), (149, 42064), (150, 42070), (160, 42124), (161, 42127), (184, 42217), (191, 42244), (214, 42331), (222, 42358),

Gene: Azrael100_67 Start: 44691, Stop: 45596, Start Num: 45
Candidate Starts for Azrael100_67:
(Start: 45 @44691 has 6 MA's), (Start: 65 @44844 has 1 MA's), (68, 44853), (69, 44859), (74, 44889), (77, 44901), (82, 44952), (95, 45060), (100, 45081), (107, 45096), (118, 45144), (132, 45210), (135, 45219), (148, 45276), (184, 45444), (187, 45462), (206, 45528), (207, 45534), (211, 45549), (222, 45585),

Gene: BaboJay_64 Start: 43737, Stop: 44705, Start Num: 23
Candidate Starts for BaboJay_64:
(Start: 23 @43737 has 137 MA's), (Start: 31 @43776 has 107 MA's), (Start: 35 @43782 has 2 MA's), (44, 43806), (47, 43824), (Start: 65 @43956 has 1 MA's), (69, 43971), (Start: 70 @43974 has 20 MA's), (Start: 71 @43977 has 3 MA's), (82, 44094), (85, 44112), (131, 44325), (177, 44541), (180, 44553), (182, 44559), (192, 44595), (205, 44643), (220, 44691),

Gene: BadStone_64 Start: 44109, Stop: 45077, Start Num: 23
Candidate Starts for BadStone_64:
(Start: 23 @44109 has 137 MA's), (Start: 31 @44148 has 107 MA's), (Start: 35 @44154 has 2 MA's), (44, 44178), (47, 44196), (Start: 65 @44328 has 1 MA's), (69, 44343), (Start: 70 @44346 has 20 MA's), (Start: 71 @44349 has 3 MA's), (82, 44466), (85, 44484), (131, 44697), (177, 44913), (180, 44925), (182, 44931), (192, 44967), (205, 45015), (220, 45063),

Gene: Balomoji_67 Start: 44670, Stop: 45638, Start Num: 23
Candidate Starts for Balomoji_67:
(Start: 23 @44670 has 137 MA's), (Start: 31 @44709 has 107 MA's), (Start: 35 @44715 has 2 MA's), (44, 44739), (47, 44757), (Start: 65 @44889 has 1 MA's), (69, 44904), (Start: 70 @44907 has 20 MA's), (Start: 71 @44910 has 3 MA's), (82, 45027), (85, 45045), (131, 45258), (177, 45474), (180, 45486), (182, 45492), (192, 45528), (205, 45576), (220, 45624),

Gene: Baoshan_60 Start: 43439, Stop: 44371, Start Num: 34
Candidate Starts for Baoshan_60:
(Start: 34 @43439 has 49 MA's), (Start: 71 @43637 has 3 MA's), (117, 43934), (129, 43973), (131, 43985), (147, 44045), (148, 44048), (155, 44090), (158, 44108), (163, 44129), (175, 44195), (176, 44198), (181, 44216), (195, 44267), (199, 44279), (205, 44303), (218, 44345),

Gene: Barbarian_66 Start: 42900, Stop: 43868, Start Num: 23
Candidate Starts for Barbarian_66:
(Start: 23 @42900 has 137 MA's), (Start: 31 @42939 has 107 MA's), (Start: 35 @42945 has 2 MA's), (44, 42969), (47, 42987), (Start: 65 @43119 has 1 MA's), (69, 43134), (Start: 70 @43137 has 20 MA's), (Start: 71 @43140 has 3 MA's), (82, 43257), (85, 43275), (131, 43488), (177, 43704), (180, 43716), (182, 43722), (192, 43758), (205, 43806), (220, 43854),

Gene: BarryBee_32 Start: 23770, Stop: 24738, Start Num: 31
Candidate Starts for BarryBee_32:
(19, 23674), (24, 23728), (Start: 31 @23770 has 107 MA's), (52, 23854), (61, 23938), (Start: 65 @23956 has 1 MA's), (92, 24133), (103, 24178), (106, 24187), (108, 24199), (109, 24202), (113, 24223), (146, 24364), (150, 24385), (151, 24391), (159, 24436), (179, 24532), (190, 24574), (194, 24592), (214, 24664), (221, 24688), (222, 24691), (225, 24700), (227, 24724),

Gene: BartholomewSD_33 Start: 24823, Stop: 25797, Start Num: 31
Candidate Starts for BartholomewSD_33:
(Start: 31 @24823 has 107 MA's), (69, 25030), (92, 25192), (106, 25246), (108, 25258), (109, 25261), (111, 25273), (113, 25282), (119, 25306), (120, 25309), (150, 25444), (154, 25462), (162, 25504), (183, 25597), (190, 25627), (194, 25645), (197, 25654), (211, 25708), (221, 25738), (225, 25750), (230, 25792),

Gene: Bask21_67 Start: 43511, Stop: 44479, Start Num: 23
Candidate Starts for Bask21_67:
(Start: 23 @43511 has 137 MA's), (Start: 31 @43550 has 107 MA's), (Start: 35 @43556 has 2 MA's), (44, 43580), (47, 43598), (Start: 65 @43730 has 1 MA's), (69, 43745), (Start: 70 @43748 has 20 MA's), (Start: 71 @43751 has 3 MA's), (82, 43868), (85, 43886), (131, 44099), (177, 44315), (180,

44327), (182, 44333), (192, 44369), (205, 44417), (220, 44465),

Gene: Baudelaire_64 Start: 43641, Stop: 44339, Start Num: 58
Candidate Starts for Baudelaire_64:
(Start: 58 @43641 has 2 MA's), (60, 43659), (61, 43662), (Start: 67 @43686 has 5 MA's), (68, 43689), (74, 43725), (77, 43737), (82, 43797), (87, 43842), (90, 43863), (92, 43875), (97, 43902), (101, 43914), (114, 43965), (122, 43998), (134, 44028), (146, 44052), (155, 44100), (156, 44106), (164, 44142), (192, 44259), (196, 44277), (200, 44286), (210, 44325), (212, 44328),

Gene: Bazzle_61 Start: 43811, Stop: 44743, Start Num: 34
Candidate Starts for Bazzle_61:
(Start: 34 @43811 has 49 MA's), (Start: 71 @44009 has 3 MA's), (117, 44306), (129, 44345), (131, 44357), (148, 44420), (155, 44462), (156, 44468), (158, 44480), (175, 44567), (176, 44570), (181, 44588), (190, 44621), (195, 44639), (199, 44651), (205, 44675), (218, 44717),

Gene: BeardedLady_32 Start: 23780, Stop: 24757, Start Num: 31
Candidate Starts for BeardedLady_32:
(3, 23378), (5, 23408), (16, 23639), (Start: 31 @23780 has 107 MA's), (61, 23948), (Start: 65 @23966 has 1 MA's), (66, 23969), (Start: 67 @23972 has 5 MA's), (68, 23975), (74, 24011), (106, 24197), (107, 24200), (108, 24209), (118, 24254), (126, 24275), (146, 24374), (150, 24395), (151, 24401), (179, 24542), (190, 24584), (194, 24602), (214, 24674), (221, 24698), (222, 24701), (225, 24719),

Gene: Becksu_66 Start: 44739, Stop: 45707, Start Num: 23
Candidate Starts for Becksu_66:
(Start: 23 @44739 has 137 MA's), (Start: 31 @44778 has 107 MA's), (Start: 35 @44784 has 2 MA's), (44, 44808), (47, 44826), (Start: 65 @44958 has 1 MA's), (69, 44973), (Start: 70 @44976 has 20 MA's), (Start: 71 @44979 has 3 MA's), (82, 45096), (85, 45114), (131, 45327), (177, 45543), (180, 45555), (182, 45561), (192, 45597), (205, 45645), (220, 45693),

Gene: Beelzebub_70 Start: 37655, Stop: 38608, Start Num: 33
Candidate Starts for Beelzebub_70:
(11, 37487), (Start: 33 @37655 has 22 MA's), (Start: 70 @37853 has 20 MA's), (81, 37946), (87, 37994), (91, 38024), (102, 38075), (110, 38108), (119, 38147), (140, 38237), (145, 38270), (146, 38273), (155, 38321), (158, 38339), (163, 38360), (175, 38426), (178, 38438), (207, 38546),

Gene: Bellis_61 Start: 44017, Stop: 44754, Start Num: 70
Candidate Starts for Bellis_61:
(Start: 70 @44017 has 20 MA's), (Start: 71 @44020 has 3 MA's), (131, 44368), (142, 44404), (145, 44422), (147, 44428), (156, 44479), (158, 44491), (163, 44512), (176, 44581), (177, 44584), (181, 44599), (190, 44632), (192, 44638), (193, 44644), (205, 44686), (218, 44728), (220, 44734),

Gene: Bench_70 Start: 44210, Stop: 45178, Start Num: 23
Candidate Starts for Bench_70:
(Start: 23 @44210 has 137 MA's), (Start: 31 @44249 has 107 MA's), (Start: 35 @44255 has 2 MA's), (44, 44279), (47, 44297), (Start: 65 @44429 has 1 MA's), (69, 44444), (Start: 70 @44447 has 20 MA's), (Start: 71 @44450 has 3 MA's), (82, 44567), (85, 44585), (131, 44798), (177, 45014), (180, 45026), (182, 45032), (192, 45068), (205, 45116), (220, 45164),

Gene: BigBubba_67 Start: 43919, Stop: 44887, Start Num: 23
Candidate Starts for BigBubba_67:
(Start: 23 @43919 has 137 MA's), (Start: 31 @43958 has 107 MA's), (Start: 35 @43964 has 2 MA's), (44, 43988), (47, 44006), (Start: 65 @44138 has 1 MA's), (69, 44153), (Start: 70 @44156 has 20 MA's), (Start: 71 @44159 has 3 MA's), (82, 44276), (85, 44294), (131, 44507), (177, 44723), (180,

44735), (182, 44741), (192, 44777), (205, 44825), (220, 44873),

Gene: BigCheese_61 Start: 43496, Stop: 44428, Start Num: 34
Candidate Starts for BigCheese_61:
(Start: 34 @43496 has 49 MA's), (Start: 71 @43694 has 3 MA's), (117, 43991), (129, 44030), (131, 44042), (133, 44048), (148, 44105), (155, 44147), (156, 44153), (175, 44252), (176, 44255), (181, 44273), (190, 44306), (192, 44312), (195, 44324), (205, 44360), (218, 44402),

Gene: BilboSwaggins_65 Start: 44548, Stop: 45516, Start Num: 23
Candidate Starts for BilboSwaggins_65:
(Start: 23 @44548 has 137 MA's), (Start: 31 @44587 has 107 MA's), (Start: 35 @44593 has 2 MA's), (44, 44617), (47, 44635), (Start: 65 @44767 has 1 MA's), (69, 44782), (Start: 70 @44785 has 20 MA's), (Start: 71 @44788 has 3 MA's), (82, 44905), (85, 44923), (131, 45136), (177, 45352), (180, 45364), (182, 45370), (192, 45406), (205, 45454), (220, 45502),

Gene: Blackbeetle_66 Start: 36700, Stop: 37653, Start Num: 33
Candidate Starts for Blackbeetle_66:
(Start: 33 @36700 has 22 MA's), (Start: 70 @36898 has 20 MA's), (81, 36991), (87, 37039), (91, 37069), (102, 37120), (110, 37153), (119, 37192), (140, 37282), (145, 37315), (146, 37318), (155, 37366), (158, 37384), (163, 37405), (175, 37471), (178, 37483), (207, 37591),

Gene: BobsGarage_61 Start: 43496, Stop: 44428, Start Num: 34
Candidate Starts for BobsGarage_61:
(Start: 34 @43496 has 49 MA's), (Start: 71 @43694 has 3 MA's), (117, 43991), (129, 44030), (131, 44042), (133, 44048), (148, 44105), (155, 44147), (156, 44153), (175, 44252), (176, 44255), (181, 44273), (190, 44306), (192, 44312), (195, 44324), (205, 44360), (218, 44402),

Gene: Bogg_67 Start: 43489, Stop: 44457, Start Num: 23
Candidate Starts for Bogg_67:
(Start: 23 @43489 has 137 MA's), (Start: 31 @43528 has 107 MA's), (Start: 35 @43534 has 2 MA's), (44, 43558), (47, 43576), (Start: 65 @43708 has 1 MA's), (69, 43723), (Start: 70 @43726 has 20 MA's), (Start: 71 @43729 has 3 MA's), (82, 43846), (85, 43864), (131, 44077), (177, 44293), (180, 44305), (182, 44311), (192, 44347), (205, 44395), (220, 44443),

Gene: Bongo_56 Start: 39492, Stop: 40352, Start Num: 51
Candidate Starts for Bongo_56:
(Start: 51 @39492 has 16 MA's), (Start: 67 @39606 has 5 MA's), (109, 39864), (117, 39900), (121, 39918), (123, 39924), (125, 39930), (127, 39951), (141, 40008), (149, 40047), (150, 40053), (159, 40104), (184, 40200), (196, 40251), (202, 40266), (222, 40341), (223, 40344),

Gene: BourbonZero_61 Start: 44062, Stop: 44799, Start Num: 70
Candidate Starts for BourbonZero_61:
(Start: 70 @44062 has 20 MA's), (Start: 71 @44065 has 3 MA's), (131, 44413), (147, 44473), (148, 44476), (156, 44524), (158, 44536), (163, 44557), (168, 44593), (176, 44626), (177, 44629), (181, 44644), (190, 44677), (192, 44683), (193, 44689), (205, 44731), (218, 44773), (220, 44779),

Gene: Bovely_31 Start: 23533, Stop: 24510, Start Num: 31
Candidate Starts for Bovely_31:
(3, 23131), (5, 23161), (16, 23392), (Start: 31 @23533 has 107 MA's), (61, 23701), (Start: 65 @23719 has 1 MA's), (66, 23722), (Start: 67 @23725 has 5 MA's), (68, 23728), (106, 23950), (107, 23953), (108, 23962), (118, 24007), (119, 24010), (126, 24028), (146, 24127), (150, 24148), (151, 24154), (179, 24295), (190, 24337), (194, 24355), (214, 24427), (221, 24451), (222, 24454), (225, 24472),

Gene: Bowden_31 Start: 24738, Stop: 25712, Start Num: 31
Candidate Starts for Bowden_31:
(Start: 31 @24738 has 107 MA's), (69, 24945), (92, 25107), (106, 25161), (108, 25173), (109, 25176), (111, 25188), (113, 25197), (120, 25224), (150, 25359), (154, 25377), (162, 25419), (183, 25512), (190, 25542), (194, 25560), (197, 25569), (206, 25602), (211, 25623), (221, 25653), (225, 25665), (230, 25707),

Gene: BrainDrainer_59 Start: 42362, Stop: 43294, Start Num: 34
Candidate Starts for BrainDrainer_59:
(Start: 34 @42362 has 49 MA's), (Start: 71 @42560 has 3 MA's), (110, 42827), (117, 42857), (118, 42863), (122, 42878), (131, 42908), (133, 42914), (146, 42965), (147, 42968), (148, 42971), (155, 43013), (156, 43019), (158, 43031), (176, 43121), (181, 43139), (190, 43172), (192, 43178), (195, 43190), (205, 43226), (218, 43268),

Gene: Brataylor_33 Start: 24724, Stop: 25695, Start Num: 31
Candidate Starts for Brataylor_33:
(19, 24622), (Start: 31 @24724 has 107 MA's), (Start: 38 @24739 has 3 MA's), (Start: 65 @24910 has 1 MA's), (66, 24913), (92, 25087), (106, 25141), (107, 25144), (108, 25153), (109, 25156), (113, 25177), (119, 25201), (150, 25339), (151, 25345), (179, 25486), (190, 25528), (194, 25546), (214, 25618), (221, 25642), (225, 25657), (227, 25681),

Gene: Breezona_61 Start: 43496, Stop: 44428, Start Num: 34
Candidate Starts for Breezona_61:
(Start: 34 @43496 has 49 MA's), (Start: 71 @43694 has 3 MA's), (117, 43991), (129, 44030), (131, 44042), (133, 44048), (148, 44105), (155, 44147), (156, 44153), (175, 44252), (176, 44255), (181, 44273), (190, 44306), (192, 44312), (195, 44324), (205, 44360), (218, 44402),

Gene: Brewer_63 Start: 43006, Stop: 43974, Start Num: 23
Candidate Starts for Brewer_63:
(Start: 23 @43006 has 137 MA's), (Start: 31 @43045 has 107 MA's), (Start: 35 @43051 has 2 MA's), (44, 43075), (47, 43093), (Start: 65 @43225 has 1 MA's), (69, 43240), (Start: 70 @43243 has 20 MA's), (Start: 71 @43246 has 3 MA's), (82, 43363), (85, 43381), (131, 43594), (177, 43810), (180, 43822), (182, 43828), (192, 43864), (205, 43912), (220, 43960),

Gene: Bricole_56 Start: 39474, Stop: 40334, Start Num: 51
Candidate Starts for Bricole_56:
(Start: 51 @39474 has 16 MA's), (Start: 67 @39588 has 5 MA's), (109, 39846), (117, 39882), (121, 39900), (123, 39906), (125, 39912), (127, 39933), (141, 39990), (149, 40029), (150, 40035), (159, 40086), (184, 40182), (196, 40233), (202, 40248), (222, 40323), (223, 40326),

Gene: BroPlease_32 Start: 24157, Stop: 25122, Start Num: 31
Candidate Starts for BroPlease_32:
(26, 24127), (Start: 31 @24157 has 107 MA's), (Start: 65 @24343 has 1 MA's), (66, 24346), (73, 24379), (92, 24520), (94, 24538), (106, 24574), (109, 24589), (111, 24601), (113, 24610), (118, 24631), (119, 24634), (128, 24673), (146, 24751), (150, 24772), (157, 24805), (171, 24877), (201, 24991), (221, 25069), (225, 25081),

Gene: Bromden_60 Start: 43232, Stop: 43966, Start Num: 71
Candidate Starts for Bromden_60:
(Start: 71 @43232 has 3 MA's), (96, 43451), (110, 43499), (117, 43529), (131, 43580), (133, 43586), (145, 43634), (155, 43685), (156, 43691), (158, 43703), (176, 43793), (181, 43811), (190, 43844), (192, 43850), (195, 43862), (205, 43898), (215, 43931),

Gene: Bruin_64 Start: 43083, Stop: 44051, Start Num: 23
Candidate Starts for Bruin_64:
(Start: 23 @43083 has 137 MA's), (Start: 31 @43122 has 107 MA's), (Start: 35 @43128 has 2 MA's), (44, 43152), (47, 43170), (Start: 65 @43302 has 1 MA's), (69, 43317), (Start: 70 @43320 has 20 MA's), (Start: 71 @43323 has 3 MA's), (82, 43440), (85, 43458), (131, 43671), (177, 43887), (180, 43899), (182, 43905), (192, 43941), (205, 43989), (220, 44037),

Gene: BryanRecycles_32 Start: 23884, Stop: 24861, Start Num: 31
Candidate Starts for BryanRecycles_32:
(16, 23743), (Start: 31 @23884 has 107 MA's), (Start: 38 @23899 has 3 MA's), (61, 24052), (Start: 65 @24070 has 1 MA's), (66, 24073), (68, 24079), (74, 24115), (106, 24301), (107, 24304), (108, 24313), (119, 24361), (126, 24379), (146, 24478), (150, 24499), (151, 24505), (190, 24688), (194, 24706), (214, 24778), (221, 24802), (222, 24805), (225, 24823),

Gene: Buck_68 Start: 44791, Stop: 45759, Start Num: 23
Candidate Starts for Buck_68:
(Start: 23 @44791 has 137 MA's), (Start: 31 @44830 has 107 MA's), (Start: 35 @44836 has 2 MA's), (44, 44860), (47, 44878), (Start: 65 @45010 has 1 MA's), (69, 45025), (Start: 70 @45028 has 20 MA's), (Start: 71 @45031 has 3 MA's), (82, 45148), (85, 45166), (131, 45379), (177, 45595), (180, 45607), (182, 45613), (192, 45649), (205, 45697), (220, 45745),

Gene: Budgie_73 Start: 44728, Stop: 45696, Start Num: 23
Candidate Starts for Budgie_73:
(Start: 23 @44728 has 137 MA's), (Start: 31 @44767 has 107 MA's), (44, 44797), (49, 44833), (Start: 65 @44947 has 1 MA's), (69, 44962), (Start: 71 @44968 has 3 MA's), (82, 45085), (85, 45103), (100, 45202), (110, 45235), (131, 45316), (167, 45490), (177, 45532), (192, 45586), (202, 45619), (205, 45634), (216, 45670),

Gene: BugsBunny_67 Start: 44618, Stop: 45586, Start Num: 23
Candidate Starts for BugsBunny_67:
(Start: 23 @44618 has 137 MA's), (Start: 31 @44657 has 107 MA's), (Start: 35 @44663 has 2 MA's), (44, 44687), (47, 44705), (Start: 65 @44837 has 1 MA's), (69, 44852), (Start: 70 @44855 has 20 MA's), (Start: 71 @44858 has 3 MA's), (82, 44975), (85, 44993), (131, 45206), (177, 45422), (180, 45434), (182, 45440), (192, 45476), (205, 45524), (220, 45572),

Gene: Cactus_70 Start: 43564, Stop: 44532, Start Num: 23
Candidate Starts for Cactus_70:
(Start: 23 @43564 has 137 MA's), (Start: 31 @43603 has 107 MA's), (Start: 35 @43609 has 2 MA's), (44, 43633), (47, 43651), (Start: 65 @43783 has 1 MA's), (69, 43798), (Start: 70 @43801 has 20 MA's), (Start: 71 @43804 has 3 MA's), (82, 43921), (85, 43939), (131, 44152), (177, 44368), (180, 44380), (182, 44386), (192, 44422), (205, 44470), (220, 44518),

Gene: Caelum_32 Start: 24614, Stop: 25366, Start Num: 65
Candidate Starts for Caelum_32:
(Start: 31 @24422 has 107 MA's), (Start: 65 @24614 has 1 MA's), (92, 24791), (106, 24845), (108, 24857), (109, 24860), (118, 24902), (126, 24923), (150, 25043), (154, 25061), (180, 25187), (183, 25196), (190, 25226), (194, 25244), (197, 25253), (221, 25337), (225, 25349),

Gene: Caliburn_31 Start: 23510, Stop: 24487, Start Num: 31
Candidate Starts for Caliburn_31:
(1, 23087), (3, 23108), (5, 23138), (16, 23369), (Start: 31 @23510 has 107 MA's), (Start: 38 @23525 has 3 MA's), (61, 23678), (Start: 65 @23696 has 1 MA's), (66, 23699), (Start: 67 @23702 has 5 MA's), (68, 23705), (106, 23927), (107, 23930), (108, 23939), (119, 23987), (126, 24005), (146, 24104), (150,

24125), (151, 24131), (179, 24272), (190, 24314), (194, 24332), (214, 24404), (221, 24428), (222, 24431), (225, 24449),

Gene: Calm_60 Start: 41867, Stop: 42850, Start Num: 23
Candidate Starts for Calm_60:
(Start: 23 @41867 has 137 MA's), (Start: 34 @41909 has 49 MA's), (41, 41930), (Start: 71 @42116 has 3 MA's), (117, 42413), (118, 42419), (124, 42440), (129, 42452), (131, 42464), (145, 42518), (147, 42524), (155, 42569), (156, 42575), (158, 42587), (175, 42674), (176, 42677), (177, 42680), (181, 42695), (190, 42728), (193, 42740), (195, 42746), (205, 42782), (215, 42815), (218, 42824),

Gene: Caprice_65 Start: 37014, Stop: 37967, Start Num: 33
Candidate Starts for Caprice_65:
(Start: 33 @37014 has 22 MA's), (Start: 70 @37212 has 20 MA's), (81, 37305), (87, 37353), (91, 37383), (102, 37434), (110, 37467), (119, 37506), (140, 37596), (145, 37629), (146, 37632), (155, 37680), (158, 37698), (163, 37719), (175, 37785), (178, 37797), (207, 37905),

Gene: Catfish_44 Start: 31656, Stop: 32582, Start Num: 33
Candidate Starts for Catfish_44:
(Start: 33 @31656 has 22 MA's), (Start: 58 @31797 has 2 MA's), (Start: 67 @31842 has 5 MA's), (68, 31845), (77, 31893), (79, 31935), (92, 32025), (97, 32052), (110, 32097), (113, 32112), (120, 32139), (130, 32166), (134, 32178), (163, 32289), (168, 32325), (175, 32355), (200, 32445), (203, 32457), (218, 32505), (219, 32508), (224, 32526),

Gene: Celery_35 Start: 25368, Stop: 26285, Start Num: 47
Candidate Starts for Celery_35:
(Start: 31 @25317 has 107 MA's), (Start: 38 @25332 has 3 MA's), (47, 25368), (53, 25401), (Start: 65 @25500 has 1 MA's), (66, 25503), (68, 25509), (99, 25716), (106, 25731), (107, 25734), (108, 25743), (111, 25758), (119, 25791), (120, 25794), (126, 25809), (150, 25929), (162, 25989), (170, 26031), (183, 26082), (201, 26148), (221, 26223), (225, 26235), (231, 26280),

Gene: Celeste_31 Start: 24193, Stop: 25164, Start Num: 31
Candidate Starts for Celeste_31:
(2, 23785), (4, 23821), (Start: 31 @24193 has 107 MA's), (61, 24361), (Start: 65 @24379 has 1 MA's), (66, 24382), (68, 24388), (92, 24556), (106, 24610), (107, 24613), (108, 24622), (109, 24625), (113, 24646), (150, 24808), (151, 24814), (179, 24955), (190, 24997), (194, 25015), (214, 25087), (221, 25111), (225, 25126), (227, 25150),

Gene: Celia_33 Start: 24606, Stop: 25559, Start Num: 31
Candidate Starts for Celia_33:
(Start: 31 @24606 has 107 MA's), (Start: 38 @24621 has 3 MA's), (47, 24657), (Start: 71 @24810 has 3 MA's), (86, 24921), (105, 25017), (106, 25020), (108, 25032), (113, 25056), (120, 25083), (150, 25227), (159, 25278), (186, 25407),

Gene: Chaser_57 Start: 42134, Stop: 43066, Start Num: 34
Candidate Starts for Chaser_57:
(Start: 34 @42134 has 49 MA's), (Start: 71 @42332 has 3 MA's), (110, 42599), (117, 42629), (118, 42635), (122, 42650), (131, 42680), (133, 42686), (147, 42740), (148, 42743), (155, 42785), (156, 42791), (158, 42803), (176, 42893), (181, 42911), (190, 42944), (192, 42950), (195, 42962), (205, 42998), (218, 43040),

Gene: ChengKai98_61 Start: 43531, Stop: 44463, Start Num: 34
Candidate Starts for ChengKai98_61:

(Start: 34 @43531 has 49 MA's), (Start: 71 @43729 has 3 MA's), (117, 44026), (129, 44065), (131, 44077), (133, 44083), (148, 44140), (155, 44182), (156, 44188), (175, 44287), (176, 44290), (181, 44308), (190, 44341), (192, 44347), (195, 44359), (205, 44395), (218, 44437),

Gene: ChosenOne_67 Start: 43567, Stop: 44535, Start Num: 23
Candidate Starts for ChosenOne_67:
(Start: 23 @43567 has 137 MA's), (Start: 31 @43606 has 107 MA's), (Start: 35 @43612 has 2 MA's), (44, 43636), (47, 43654), (Start: 65 @43786 has 1 MA's), (69, 43801), (Start: 70 @43804 has 20 MA's), (Start: 71 @43807 has 3 MA's), (82, 43924), (85, 43942), (131, 44155), (177, 44371), (180, 44383), (182, 44389), (192, 44425), (205, 44473), (220, 44521),

Gene: ChotaBhai_67 Start: 43879, Stop: 44847, Start Num: 23
Candidate Starts for ChotaBhai_67:
(Start: 23 @43879 has 137 MA's), (Start: 31 @43918 has 107 MA's), (Start: 35 @43924 has 2 MA's), (44, 43948), (47, 43966), (Start: 65 @44098 has 1 MA's), (69, 44113), (Start: 70 @44116 has 20 MA's), (Start: 71 @44119 has 3 MA's), (82, 44236), (85, 44254), (131, 44467), (177, 44683), (180, 44695), (182, 44701), (192, 44737), (205, 44785), (220, 44833),

Gene: Chucky_30 Start: 23774, Stop: 24742, Start Num: 31
Candidate Starts for Chucky_30:
(19, 23678), (24, 23732), (Start: 31 @23774 has 107 MA's), (43, 23810), (61, 23942), (Start: 65 @23960 has 1 MA's), (68, 23969), (92, 24137), (103, 24182), (106, 24191), (108, 24203), (109, 24206), (113, 24227), (146, 24368), (150, 24389), (151, 24395), (159, 24440), (179, 24536), (190, 24578), (194, 24596), (214, 24668), (221, 24692), (222, 24695), (225, 24704), (227, 24728),

Gene: ChutneyChips_59 Start: 42398, Stop: 43330, Start Num: 34
Candidate Starts for ChutneyChips_59:
(Start: 34 @42398 has 49 MA's), (Start: 71 @42596 has 3 MA's), (110, 42863), (117, 42893), (118, 42899), (122, 42914), (131, 42944), (133, 42950), (147, 43004), (148, 43007), (155, 43049), (156, 43055), (158, 43067), (176, 43157), (181, 43175), (190, 43208), (192, 43214), (195, 43226), (205, 43262), (218, 43304),

Gene: CicholasNage_58 Start: 41483, Stop: 42415, Start Num: 34
Candidate Starts for CicholasNage_58:
(Start: 34 @41483 has 49 MA's), (Start: 71 @41681 has 3 MA's), (117, 41978), (118, 41984), (124, 42005), (129, 42017), (131, 42029), (145, 42083), (147, 42089), (155, 42134), (156, 42140), (158, 42152), (175, 42239), (176, 42242), (177, 42245), (181, 42260), (195, 42311), (205, 42347), (218, 42389),

Gene: Cjw1_67 Start: 45264, Stop: 46232, Start Num: 23
Candidate Starts for Cjw1_67:
(Start: 23 @45264 has 137 MA's), (Start: 31 @45303 has 107 MA's), (Start: 35 @45309 has 2 MA's), (44, 45333), (47, 45351), (Start: 65 @45483 has 1 MA's), (69, 45498), (Start: 70 @45501 has 20 MA's), (Start: 71 @45504 has 3 MA's), (82, 45621), (85, 45639), (131, 45852), (177, 46068), (180, 46080), (182, 46086), (192, 46122), (205, 46170), (220, 46218),

Gene: Clarkson_67 Start: 37383, Stop: 38336, Start Num: 33
Candidate Starts for Clarkson_67:
(Start: 33 @37383 has 22 MA's), (Start: 70 @37581 has 20 MA's), (81, 37674), (87, 37722), (91, 37752), (102, 37803), (110, 37836), (119, 37875), (140, 37965), (145, 37998), (146, 38001), (155, 38049), (158, 38067), (163, 38088), (175, 38154), (178, 38166), (207, 38274),

Gene: Claus_61 Start: 43577, Stop: 44509, Start Num: 34

Candidate Starts for Claus_61:
(Start: 34 @43577 has 49 MA's), (Start: 71 @43775 has 3 MA's), (117, 44072), (129, 44111), (131, 44123), (133, 44129), (147, 44183), (148, 44186), (155, 44228), (158, 44246), (163, 44267), (175, 44333), (176, 44336), (181, 44354), (195, 44405), (199, 44417), (205, 44441), (218, 44483),

Gene: Clautastrophe_60 Start: 44014, Stop: 44751, Start Num: 70
Candidate Starts for Clautastrophe_60:
(Start: 70 @44014 has 20 MA's), (Start: 71 @44017 has 3 MA's), (131, 44365), (142, 44401), (145, 44419), (147, 44425), (156, 44476), (158, 44488), (163, 44509), (176, 44578), (177, 44581), (181, 44596), (190, 44629), (192, 44635), (193, 44641), (205, 44683), (218, 44725), (220, 44731),

Gene: Command613_69 Start: 44603, Stop: 45571, Start Num: 23
Candidate Starts for Command613_69:
(Start: 23 @44603 has 137 MA's), (Start: 31 @44642 has 107 MA's), (Start: 35 @44648 has 2 MA's), (44, 44672), (47, 44690), (Start: 65 @44822 has 1 MA's), (69, 44837), (Start: 70 @44840 has 20 MA's), (Start: 71 @44843 has 3 MA's), (82, 44960), (85, 44978), (131, 45191), (177, 45407), (180, 45419), (182, 45425), (192, 45461), (205, 45509), (220, 45557),

Gene: Conan_33 Start: 25278, Stop: 26246, Start Num: 31
Candidate Starts for Conan_33:
(Start: 31 @25278 has 107 MA's), (Start: 38 @25293 has 3 MA's), (47, 25329), (53, 25362), (Start: 65 @25461 has 1 MA's), (66, 25464), (68, 25470), (79, 25548), (92, 25638), (106, 25692), (107, 25695), (108, 25704), (111, 25719), (119, 25752), (120, 25755), (126, 25770), (150, 25890), (162, 25950), (170, 25992), (183, 26043), (201, 26109), (221, 26184), (225, 26196), (231, 26241),

Gene: Contagion_63 Start: 43364, Stop: 44332, Start Num: 23
Candidate Starts for Contagion_63:
(Start: 23 @43364 has 137 MA's), (Start: 31 @43403 has 107 MA's), (Start: 35 @43409 has 2 MA's), (44, 43433), (47, 43451), (Start: 65 @43583 has 1 MA's), (69, 43598), (Start: 70 @43601 has 20 MA's), (Start: 71 @43604 has 3 MA's), (82, 43721), (85, 43739), (131, 43952), (177, 44168), (180, 44180), (182, 44186), (192, 44222), (205, 44270), (220, 44318),

Gene: Cookies_64 Start: 43733, Stop: 44701, Start Num: 23
Candidate Starts for Cookies_64:
(Start: 23 @43733 has 137 MA's), (Start: 31 @43772 has 107 MA's), (Start: 35 @43778 has 2 MA's), (44, 43802), (47, 43820), (Start: 65 @43952 has 1 MA's), (69, 43967), (Start: 70 @43970 has 20 MA's), (Start: 71 @43973 has 3 MA's), (82, 44090), (85, 44108), (131, 44321), (177, 44537), (180, 44549), (182, 44555), (192, 44591), (205, 44639), (220, 44687),

Gene: Corazon_64 Start: 37577, Stop: 38530, Start Num: 33
Candidate Starts for Corazon_64:
(Start: 33 @37577 has 22 MA's), (Start: 70 @37775 has 20 MA's), (81, 37868), (87, 37916), (91, 37946), (102, 37997), (110, 38030), (119, 38069), (140, 38159), (145, 38192), (146, 38195), (155, 38243), (158, 38261), (163, 38282), (175, 38348), (178, 38360), (207, 38468),

Gene: Cosmo_68 Start: 44692, Stop: 45597, Start Num: 45
Candidate Starts for Cosmo_68:
(Start: 45 @44692 has 6 MA's), (Start: 65 @44845 has 1 MA's), (68, 44854), (69, 44860), (74, 44890), (77, 44902), (82, 44953), (95, 45061), (100, 45082), (107, 45097), (118, 45145), (132, 45211), (135, 45220), (148, 45277), (184, 45445), (187, 45463), (206, 45529), (207, 45535), (211, 45550), (222, 45586),

Gene: Crossroads_61 Start: 43574, Stop: 44506, Start Num: 34

Candidate Starts for Crossroads_61:
(Start: 34 @43574 has 49 MA's), (Start: 71 @43772 has 3 MA's), (117, 44069), (129, 44108), (131, 44120), (133, 44126), (148, 44183), (155, 44225), (156, 44231), (175, 44330), (176, 44333), (181, 44351), (190, 44384), (192, 44390), (195, 44402), (205, 44438), (218, 44480),

Gene: CrystalP_66 Start: 44548, Stop: 45516, Start Num: 23
Candidate Starts for CrystalP_66:
(Start: 23 @44548 has 137 MA's), (Start: 31 @44587 has 107 MA's), (Start: 35 @44593 has 2 MA's), (44, 44617), (47, 44635), (Start: 65 @44767 has 1 MA's), (69, 44782), (Start: 70 @44785 has 20 MA's), (Start: 71 @44788 has 3 MA's), (82, 44905), (85, 44923), (131, 45136), (177, 45352), (180, 45364), (182, 45370), (192, 45406), (205, 45454), (220, 45502),

Gene: Czyszczon1_68 Start: 44073, Stop: 45041, Start Num: 23
Candidate Starts for Czyszczon1_68:
(Start: 23 @44073 has 137 MA's), (Start: 31 @44112 has 107 MA's), (Start: 35 @44118 has 2 MA's), (44, 44142), (47, 44160), (Start: 65 @44292 has 1 MA's), (69, 44307), (Start: 70 @44310 has 20 MA's), (Start: 71 @44313 has 3 MA's), (82, 44430), (85, 44448), (131, 44661), (177, 44877), (180, 44889), (182, 44895), (192, 44931), (205, 44979), (220, 45027),

Gene: DHan_62 Start: 43477, Stop: 44409, Start Num: 34
Candidate Starts for DHan_62:
(Start: 34 @43477 has 49 MA's), (Start: 71 @43675 has 3 MA's), (117, 43972), (129, 44011), (131, 44023), (147, 44083), (148, 44086), (155, 44128), (158, 44146), (163, 44167), (175, 44233), (176, 44236), (181, 44254), (195, 44305), (199, 44317), (205, 44341), (218, 44383),

Gene: DS6A_69 Start: 44787, Stop: 45914, Start Num: 32
Candidate Starts for DS6A_69:
(30, 44781), (Start: 32 @44787 has 1 MA's), (50, 44880), (Start: 65 @44988 has 1 MA's), (78, 45102), (80, 45126), (88, 45189), (112, 45303), (116, 45321), (122, 45345), (124, 45351), (141, 45432), (144, 45459), (151, 45492), (154, 45504), (164, 45555), (167, 45582), (175, 45618), (190, 45675), (198, 45702), (202, 45714), (231, 45849), (232, 45876), (234, 45897), (236, 45906),

Gene: Daikon_69 Start: 44691, Stop: 45659, Start Num: 23
Candidate Starts for Daikon_69:
(Start: 23 @44691 has 137 MA's), (Start: 31 @44730 has 107 MA's), (Start: 35 @44736 has 2 MA's), (44, 44760), (47, 44778), (Start: 65 @44910 has 1 MA's), (69, 44925), (Start: 70 @44928 has 20 MA's), (Start: 71 @44931 has 3 MA's), (82, 45048), (85, 45066), (131, 45279), (177, 45495), (180, 45507), (182, 45513), (192, 45549), (205, 45597), (220, 45645),

Gene: DanBing_61 Start: 43446, Stop: 44378, Start Num: 34
Candidate Starts for DanBing_61:
(Start: 34 @43446 has 49 MA's), (Start: 71 @43644 has 3 MA's), (117, 43941), (129, 43980), (131, 43992), (147, 44052), (148, 44055), (155, 44097), (158, 44115), (163, 44136), (175, 44202), (176, 44205), (181, 44223), (195, 44274), (199, 44286), (205, 44310), (218, 44352),

Gene: Danzina_32 Start: 24494, Stop: 25465, Start Num: 31
Candidate Starts for Danzina_32:
(2, 24086), (4, 24122), (Start: 31 @24494 has 107 MA's), (61, 24662), (Start: 65 @24680 has 1 MA's), (66, 24683), (68, 24689), (92, 24857), (106, 24911), (107, 24914), (108, 24923), (109, 24926), (113, 24947), (150, 25109), (151, 25115), (179, 25256), (190, 25298), (194, 25316), (214, 25388), (221, 25412), (225, 25427), (227, 25451),

Gene: Dattran_32 Start: 24300, Stop: 25271, Start Num: 31

Candidate Starts for Dattran_32:
(2, 23892), (4, 23928), (Start: 31 @24300 has 107 MA's), (61, 24468), (Start: 65 @24486 has 1 MA's), (66, 24489), (68, 24495), (92, 24663), (106, 24717), (107, 24720), (108, 24729), (109, 24732), (113, 24753), (150, 24915), (151, 24921), (179, 25062), (190, 25104), (194, 25122), (214, 25194), (221, 25218), (225, 25233), (227, 25257),

Gene: Daudau_31 Start: 24490, Stop: 25434, Start Num: 31
Candidate Starts for Daudau_31:
(Start: 31 @24490 has 107 MA's), (61, 24664), (Start: 70 @24700 has 20 MA's), (106, 24913), (108, 24925), (109, 24928), (126, 24991), (150, 25111), (154, 25129), (162, 25171), (174, 25234), (183, 25264), (190, 25294), (194, 25312), (221, 25405), (225, 25417),

Gene: Dexers_31 Start: 25304, Stop: 26272, Start Num: 31
Candidate Starts for Dexers_31:
(Start: 31 @25304 has 107 MA's), (Start: 38 @25319 has 3 MA's), (47, 25355), (53, 25388), (Start: 65 @25487 has 1 MA's), (72, 25520), (74, 25532), (84, 25598), (92, 25664), (106, 25718), (107, 25721), (108, 25730), (126, 25796), (150, 25916), (162, 25976), (170, 26018), (183, 26069), (201, 26135), (221, 26210), (225, 26222), (231, 26267),

Gene: Diane_31 Start: 24584, Stop: 25552, Start Num: 31
Candidate Starts for Diane_31:
(24, 24542), (Start: 31 @24584 has 107 MA's), (Start: 38 @24599 has 3 MA's), (106, 25001), (108, 25013), (109, 25016), (113, 25037), (120, 25064), (126, 25079), (150, 25199), (154, 25217), (157, 25232), (162, 25259), (183, 25352), (225, 25505), (229, 25547),

Gene: Diminimus_57 Start: 39487, Stop: 40347, Start Num: 51
Candidate Starts for Diminimus_57:
(Start: 51 @39487 has 16 MA's), (Start: 67 @39601 has 5 MA's), (109, 39859), (117, 39895), (121, 39913), (123, 39919), (125, 39925), (127, 39946), (141, 40003), (149, 40042), (150, 40048), (159, 40099), (184, 40195), (196, 40246), (202, 40261), (222, 40336), (223, 40339),

Gene: DirkDirk_56 Start: 41325, Stop: 42257, Start Num: 34
Candidate Starts for DirkDirk_56:
(Start: 34 @41325 has 49 MA's), (Start: 71 @41523 has 3 MA's), (117, 41820), (118, 41826), (124, 41847), (129, 41859), (131, 41871), (145, 41925), (147, 41931), (155, 41976), (156, 41982), (158, 41994), (175, 42081), (176, 42084), (177, 42087), (181, 42102), (190, 42135), (193, 42147), (195, 42153), (205, 42189), (215, 42222), (218, 42231),

Gene: DoctorDiddles_66 Start: 43923, Stop: 44891, Start Num: 23
Candidate Starts for DoctorDiddles_66:
(Start: 23 @43923 has 137 MA's), (Start: 31 @43962 has 107 MA's), (Start: 35 @43968 has 2 MA's), (44, 43992), (47, 44010), (Start: 65 @44142 has 1 MA's), (69, 44157), (Start: 70 @44160 has 20 MA's), (Start: 71 @44163 has 3 MA's), (82, 44280), (85, 44298), (131, 44511), (177, 44727), (180, 44739), (182, 44745), (192, 44781), (205, 44829), (220, 44877),

Gene: Douge_59 Start: 42140, Stop: 43072, Start Num: 34
Candidate Starts for Douge_59:
(Start: 34 @42140 has 49 MA's), (Start: 71 @42338 has 3 MA's), (110, 42605), (117, 42635), (118, 42641), (122, 42656), (131, 42686), (133, 42692), (147, 42746), (148, 42749), (155, 42791), (156, 42797), (158, 42809), (176, 42899), (181, 42917), (190, 42950), (192, 42956), (195, 42968), (205, 43004), (218, 43046),

Gene: Douzhi_59 Start: 42190, Stop: 43122, Start Num: 34

Candidate Starts for Douzhi_59:
(Start: 34 @42190 has 49 MA's), (Start: 71 @42388 has 3 MA's), (110, 42655), (117, 42685), (118, 42691), (122, 42706), (131, 42736), (133, 42742), (147, 42796), (148, 42799), (155, 42841), (156, 42847), (158, 42859), (176, 42949), (181, 42967), (190, 43000), (192, 43006), (195, 43018), (205, 43054), (218, 43096),

Gene: DrDrey_67 Start: 44989, Stop: 45957, Start Num: 23
Candidate Starts for DrDrey_67:
(Start: 23 @44989 has 137 MA's), (Start: 31 @45028 has 107 MA's), (Start: 35 @45034 has 2 MA's), (44, 45058), (47, 45076), (Start: 65 @45208 has 1 MA's), (69, 45223), (Start: 70 @45226 has 20 MA's), (Start: 71 @45229 has 3 MA's), (82, 45346), (85, 45364), (131, 45577), (177, 45793), (180, 45805), (182, 45811), (192, 45847), (205, 45895), (220, 45943),

Gene: DrSeegs_61 Start: 43496, Stop: 44428, Start Num: 34
Candidate Starts for DrSeegs_61:
(Start: 34 @43496 has 49 MA's), (Start: 71 @43694 has 3 MA's), (117, 43991), (129, 44030), (131, 44042), (133, 44048), (148, 44105), (155, 44147), (156, 44153), (175, 44252), (176, 44255), (181, 44273), (190, 44306), (192, 44312), (195, 44324), (205, 44360), (218, 44402),

Gene: Dulcita_57 Start: 39488, Stop: 40348, Start Num: 51
Candidate Starts for Dulcita_57:
(Start: 51 @39488 has 16 MA's), (Start: 67 @39602 has 5 MA's), (109, 39860), (117, 39896), (121, 39914), (123, 39920), (125, 39926), (127, 39947), (141, 40004), (149, 40043), (150, 40049), (159, 40100), (184, 40196), (196, 40247), (202, 40262), (222, 40337), (223, 40340),

Gene: Dumbo_67 Start: 43472, Stop: 44440, Start Num: 23
Candidate Starts for Dumbo_67:
(Start: 23 @43472 has 137 MA's), (Start: 31 @43511 has 107 MA's), (Start: 35 @43517 has 2 MA's), (44, 43541), (47, 43559), (Start: 65 @43691 has 1 MA's), (69, 43706), (Start: 70 @43709 has 20 MA's), (Start: 71 @43712 has 3 MA's), (82, 43829), (85, 43847), (131, 44060), (177, 44276), (180, 44288), (182, 44294), (192, 44330), (205, 44378), (220, 44426),

Gene: DuncansLeg_61 Start: 44050, Stop: 44787, Start Num: 70
Candidate Starts for DuncansLeg_61:
(Start: 70 @44050 has 20 MA's), (Start: 71 @44053 has 3 MA's), (131, 44401), (133, 44407), (142, 44437), (147, 44461), (148, 44464), (156, 44512), (158, 44524), (163, 44545), (176, 44614), (177, 44617), (181, 44632), (190, 44665), (192, 44671), (193, 44677), (199, 44695), (205, 44719), (218, 44761), (220, 44767),

Gene: Dusk_64 Start: 43769, Stop: 44737, Start Num: 23
Candidate Starts for Dusk_64:
(Start: 23 @43769 has 137 MA's), (Start: 31 @43808 has 107 MA's), (Start: 35 @43814 has 2 MA's), (44, 43838), (47, 43856), (Start: 65 @43988 has 1 MA's), (69, 44003), (Start: 70 @44006 has 20 MA's), (Start: 71 @44009 has 3 MA's), (82, 44126), (85, 44144), (131, 44357), (177, 44573), (180, 44585), (182, 44591), (192, 44627), (205, 44675), (220, 44723),

Gene: Dwayne_30 Start: 23761, Stop: 24729, Start Num: 31
Candidate Starts for Dwayne_30:
(19, 23665), (24, 23719), (Start: 31 @23761 has 107 MA's), (52, 23845), (61, 23929), (Start: 65 @23947 has 1 MA's), (92, 24124), (103, 24169), (106, 24178), (108, 24190), (109, 24193), (113, 24214), (146, 24355), (150, 24376), (151, 24382), (159, 24427), (179, 24523), (190, 24565), (194, 24583), (214, 24655), (221, 24679), (222, 24682), (225, 24691), (227, 24715),

Gene: DyoEdafos_61 Start: 42419, Stop: 43351, Start Num: 35
Candidate Starts for DyoEdafos_61:
(Start: 35 @42419 has 2 MA's), (Start: 71 @42617 has 3 MA's), (110, 42884), (117, 42914), (118, 42920), (131, 42965), (133, 42971), (147, 43025), (148, 43028), (155, 43070), (156, 43076), (158, 43088), (176, 43178), (181, 43196), (190, 43229), (192, 43235), (195, 43247), (205, 43283), (218, 43325),

Gene: ELB20_30 Start: 24870, Stop: 25844, Start Num: 31
Candidate Starts for ELB20_30:
(Start: 31 @24870 has 107 MA's), (47, 24930), (Start: 65 @25062 has 1 MA's), (84, 25173), (92, 25239), (106, 25293), (109, 25308), (146, 25470), (150, 25491), (151, 25497), (179, 25638), (183, 25650), (190, 25680), (194, 25698), (197, 25707), (214, 25770), (217, 25779), (221, 25794), (222, 25797), (225, 25806),

Gene: Easy2Say_68 Start: 45010, Stop: 45978, Start Num: 23
Candidate Starts for Easy2Say_68:
(Start: 23 @45010 has 137 MA's), (Start: 31 @45049 has 107 MA's), (Start: 35 @45055 has 2 MA's), (44, 45079), (47, 45097), (Start: 65 @45229 has 1 MA's), (69, 45244), (Start: 70 @45247 has 20 MA's), (Start: 71 @45250 has 3 MA's), (82, 45367), (85, 45385), (131, 45598), (177, 45814), (180, 45826), (182, 45832), (192, 45868), (205, 45916), (220, 45964),

Gene: Eddasa_32 Start: 23884, Stop: 24861, Start Num: 31
Candidate Starts for Eddasa_32:
(16, 23743), (Start: 31 @23884 has 107 MA's), (Start: 38 @23899 has 3 MA's), (61, 24052), (Start: 65 @24070 has 1 MA's), (66, 24073), (68, 24079), (74, 24115), (106, 24301), (107, 24304), (108, 24313), (119, 24361), (126, 24379), (146, 24478), (150, 24499), (151, 24505), (190, 24688), (194, 24706), (214, 24778), (221, 24802), (222, 24805), (225, 24823),

Gene: Ejemplo_30 Start: 23814, Stop: 24785, Start Num: 31
Candidate Starts for Ejemplo_30:
(19, 23718), (26, 23787), (Start: 31 @23814 has 107 MA's), (Start: 38 @23829 has 3 MA's), (61, 23982), (Start: 65 @24000 has 1 MA's), (66, 24003), (103, 24222), (104, 24225), (106, 24231), (108, 24243), (109, 24246), (113, 24267), (119, 24291), (137, 24369), (146, 24408), (150, 24429), (151, 24435), (159, 24480), (179, 24576), (190, 24618), (194, 24636), (214, 24708), (221, 24732), (225, 24747), (227, 24771),

Gene: ElGato_33 Start: 24942, Stop: 25910, Start Num: 31
Candidate Starts for ElGato_33:
(Start: 31 @24942 has 107 MA's), (Start: 38 @24957 has 3 MA's), (47, 24993), (53, 25026), (Start: 65 @25125 has 1 MA's), (66, 25128), (68, 25134), (92, 25302), (106, 25356), (107, 25359), (108, 25368), (111, 25383), (119, 25416), (120, 25419), (126, 25434), (150, 25554), (162, 25614), (170, 25656), (183, 25707), (201, 25773), (221, 25848), (225, 25860), (231, 25905),

Gene: Elite2014_66 Start: 43566, Stop: 44534, Start Num: 23
Candidate Starts for Elite2014_66:
(Start: 23 @43566 has 137 MA's), (Start: 31 @43605 has 107 MA's), (Start: 35 @43611 has 2 MA's), (44, 43635), (47, 43653), (Start: 65 @43785 has 1 MA's), (69, 43800), (Start: 70 @43803 has 20 MA's), (Start: 71 @43806 has 3 MA's), (82, 43923), (85, 43941), (131, 44154), (177, 44370), (180, 44382), (182, 44388), (192, 44424), (205, 44472), (220, 44520),

Gene: Ellson_60 Start: 44078, Stop: 44815, Start Num: 70
Candidate Starts for Ellson_60:

(Start: 70 @44078 has 20 MA's), (Start: 71 @44081 has 3 MA's), (131, 44429), (147, 44489), (148, 44492), (156, 44540), (158, 44552), (163, 44573), (168, 44609), (176, 44642), (177, 44645), (181, 44660), (190, 44693), (192, 44699), (193, 44705), (205, 44747), (218, 44789), (220, 44795),

Gene: Elph10_67 Start: 43571, Stop: 44539, Start Num: 23
Candidate Starts for Elph10_67:
(Start: 23 @43571 has 137 MA's), (Start: 31 @43610 has 107 MA's), (Start: 35 @43616 has 2 MA's), (44, 43640), (47, 43658), (Start: 65 @43790 has 1 MA's), (69, 43805), (Start: 70 @43808 has 20 MA's), (Start: 71 @43811 has 3 MA's), (82, 43928), (85, 43946), (131, 44159), (177, 44375), (180, 44387), (182, 44393), (192, 44429), (205, 44477), (220, 44525),

Gene: Emaanora_32 Start: 23719, Stop: 24687, Start Num: 31
Candidate Starts for Emaanora_32:
(19, 23623), (24, 23677), (Start: 31 @23719 has 107 MA's), (52, 23803), (61, 23887), (Start: 65 @23905 has 1 MA's), (92, 24082), (103, 24127), (106, 24136), (108, 24148), (109, 24151), (113, 24172), (146, 24313), (150, 24334), (151, 24340), (159, 24385), (179, 24481), (190, 24523), (194, 24541), (214, 24613), (221, 24637), (222, 24640), (225, 24649), (227, 24673),

Gene: Emmina_67 Start: 43473, Stop: 44441, Start Num: 23
Candidate Starts for Emmina_67:
(Start: 23 @43473 has 137 MA's), (Start: 31 @43512 has 107 MA's), (Start: 35 @43518 has 2 MA's), (44, 43542), (47, 43560), (Start: 65 @43692 has 1 MA's), (69, 43707), (Start: 70 @43710 has 20 MA's), (Start: 71 @43713 has 3 MA's), (82, 43830), (85, 43848), (131, 44061), (177, 44277), (180, 44289), (182, 44295), (192, 44331), (205, 44379), (220, 44427),

Gene: Enceladus_57 Start: 41518, Stop: 42252, Start Num: 71
Candidate Starts for Enceladus_57:
(Start: 34 @41320 has 49 MA's), (Start: 71 @41518 has 3 MA's), (117, 41815), (118, 41821), (124, 41842), (129, 41854), (131, 41866), (145, 41920), (147, 41926), (155, 41971), (156, 41977), (158, 41989), (175, 42076), (176, 42079), (177, 42082), (181, 42097), (190, 42130), (193, 42142), (195, 42148), (205, 42184), (215, 42217), (218, 42226),

Gene: EniyanLRS_64 Start: 44431, Stop: 45336, Start Num: 45
Candidate Starts for EniyanLRS_64:
(30, 44380), (36, 44392), (42, 44416), (Start: 45 @44431 has 6 MA's), (Start: 65 @44584 has 1 MA's), (68, 44593), (69, 44599), (74, 44629), (77, 44641), (82, 44692), (90, 44758), (95, 44800), (98, 44812), (100, 44821), (107, 44836), (118, 44884), (132, 44950), (135, 44959), (148, 45016), (184, 45184), (187, 45202), (206, 45268), (207, 45274), (211, 45289), (222, 45325),

Gene: EnochSoames_34 Start: 23879, Stop: 24856, Start Num: 31
Candidate Starts for EnochSoames_34:
(16, 23738), (Start: 31 @23879 has 107 MA's), (61, 24047), (Start: 65 @24065 has 1 MA's), (66, 24068), (68, 24074), (74, 24110), (106, 24296), (107, 24299), (108, 24308), (118, 24353), (119, 24356), (126, 24374), (146, 24473), (150, 24494), (151, 24500), (190, 24683), (194, 24701), (214, 24773), (221, 24797), (222, 24800), (225, 24818),

Gene: Esperer_31 Start: 23346, Stop: 24323, Start Num: 31
Candidate Starts for Esperer_31:
(3, 22944), (5, 22974), (16, 23205), (Start: 31 @23346 has 107 MA's), (61, 23514), (Start: 65 @23532 has 1 MA's), (66, 23535), (Start: 67 @23538 has 5 MA's), (68, 23541), (106, 23763), (107, 23766), (108, 23775), (119, 23823), (126, 23841), (146, 23940), (150, 23961), (151, 23967), (179, 24108), (190, 24150), (194, 24168), (214, 24240), (221, 24264), (222, 24267), (225, 24285),

Gene: Estes_64 Start: 41895, Stop: 42641, Start Num: 67
Candidate Starts for Estes_64:
(Start: 67 @41895 has 5 MA's), (120, 42201), (121, 42207), (123, 42213), (127, 42240), (141, 42297), (149, 42336), (150, 42342), (160, 42396), (161, 42399), (184, 42489), (191, 42516), (214, 42603), (222, 42630),

Gene: Eureka_65 Start: 44037, Stop: 45005, Start Num: 23
Candidate Starts for Eureka_65:
(Start: 23 @44037 has 137 MA's), (Start: 31 @44076 has 107 MA's), (Start: 35 @44082 has 2 MA's), (44, 44106), (47, 44124), (Start: 65 @44256 has 1 MA's), (69, 44271), (Start: 70 @44274 has 20 MA's), (Start: 71 @44277 has 3 MA's), (82, 44394), (85, 44412), (131, 44625), (177, 44841), (180, 44853), (182, 44859), (192, 44895), (205, 44943), (220, 44991),

Gene: FairyPath_68 Start: 44682, Stop: 45650, Start Num: 23
Candidate Starts for FairyPath_68:
(Start: 23 @44682 has 137 MA's), (Start: 31 @44721 has 107 MA's), (Start: 35 @44727 has 2 MA's), (44, 44751), (47, 44769), (Start: 65 @44901 has 1 MA's), (69, 44916), (Start: 70 @44919 has 20 MA's), (Start: 71 @44922 has 3 MA's), (82, 45039), (85, 45057), (131, 45270), (177, 45486), (180, 45498), (182, 45504), (192, 45540), (205, 45588), (220, 45636),

Gene: Faith1_61 Start: 43496, Stop: 44428, Start Num: 34
Candidate Starts for Faith1_61:
(Start: 34 @43496 has 49 MA's), (Start: 71 @43694 has 3 MA's), (117, 43991), (129, 44030), (131, 44042), (133, 44048), (148, 44105), (155, 44147), (156, 44153), (175, 44252), (176, 44255), (181, 44273), (190, 44306), (192, 44312), (195, 44324), (205, 44360), (218, 44402),

Gene: FarmResident_61 Start: 42354, Stop: 43088, Start Num: 71
Candidate Starts for FarmResident_61:
(Start: 34 @42156 has 49 MA's), (Start: 71 @42354 has 3 MA's), (110, 42621), (117, 42651), (118, 42657), (122, 42672), (131, 42702), (133, 42708), (147, 42762), (148, 42765), (155, 42807), (156, 42813), (158, 42825), (176, 42915), (181, 42933), (190, 42966), (192, 42972), (195, 42984), (205, 43020), (218, 43062),

Gene: FeliMaine_68 Start: 37625, Stop: 38578, Start Num: 33
Candidate Starts for FeliMaine_68:
(Start: 33 @37625 has 22 MA's), (Start: 70 @37823 has 20 MA's), (81, 37916), (87, 37964), (91, 37994), (102, 38045), (110, 38078), (119, 38117), (140, 38207), (145, 38240), (146, 38243), (155, 38291), (158, 38309), (163, 38330), (175, 38396), (178, 38408), (207, 38516),

Gene: Filch_68 Start: 43498, Stop: 44466, Start Num: 23
Candidate Starts for Filch_68:
(Start: 23 @43498 has 137 MA's), (Start: 31 @43537 has 107 MA's), (Start: 35 @43543 has 2 MA's), (44, 43567), (47, 43585), (Start: 65 @43717 has 1 MA's), (69, 43732), (Start: 70 @43735 has 20 MA's), (Start: 71 @43738 has 3 MA's), (82, 43855), (85, 43873), (131, 44086), (177, 44302), (180, 44314), (182, 44320), (192, 44356), (205, 44404), (220, 44452),

Gene: Finemlucis_61 Start: 43817, Stop: 44749, Start Num: 34
Candidate Starts for Finemlucis_61:
(Start: 34 @43817 has 49 MA's), (Start: 71 @44015 has 3 MA's), (117, 44312), (129, 44351), (131, 44363), (133, 44369), (148, 44426), (155, 44468), (156, 44474), (175, 44573), (176, 44576), (181, 44594), (190, 44627), (192, 44633), (195, 44645), (205, 44681), (218, 44723),

Gene: Finnry_61 Start: 44278, Stop: 45015, Start Num: 70

Candidate Starts for Finnry_61:
(Start: 70 @44278 has 20 MA's), (Start: 71 @44281 has 3 MA's), (131, 44629), (142, 44665), (145, 44683), (147, 44689), (156, 44740), (158, 44752), (163, 44773), (176, 44842), (177, 44845), (181, 44860), (190, 44893), (192, 44899), (193, 44905), (205, 44947), (218, 44989), (220, 44995),

Gene: FireRed_71 Start: 45060, Stop: 46028, Start Num: 23
Candidate Starts for FireRed_71:
(Start: 23 @45060 has 137 MA's), (Start: 31 @45099 has 107 MA's), (Start: 35 @45105 has 2 MA's), (44, 45129), (47, 45147), (Start: 65 @45279 has 1 MA's), (69, 45294), (Start: 70 @45297 has 20 MA's), (Start: 71 @45300 has 3 MA's), (82, 45417), (85, 45435), (131, 45648), (177, 45864), (180, 45876), (182, 45882), (192, 45918), (205, 45966), (220, 46014),

Gene: Flypotenuse_63 Start: 43554, Stop: 44522, Start Num: 23
Candidate Starts for Flypotenuse_63:
(Start: 23 @43554 has 137 MA's), (Start: 31 @43593 has 107 MA's), (Start: 35 @43599 has 2 MA's), (44, 43623), (47, 43641), (Start: 65 @43773 has 1 MA's), (69, 43788), (Start: 70 @43791 has 20 MA's), (Start: 71 @43794 has 3 MA's), (82, 43911), (85, 43929), (131, 44142), (177, 44358), (180, 44370), (182, 44376), (192, 44412), (205, 44460), (220, 44508),

Gene: FoghornLeghorn_61 Start: 42564, Stop: 43532, Start Num: 23
Candidate Starts for FoghornLeghorn_61:
(Start: 23 @42564 has 137 MA's), (Start: 31 @42603 has 107 MA's), (Start: 35 @42609 has 2 MA's), (44, 42633), (47, 42651), (Start: 65 @42783 has 1 MA's), (69, 42798), (Start: 70 @42801 has 20 MA's), (Start: 71 @42804 has 3 MA's), (82, 42921), (85, 42939), (131, 43152), (177, 43368), (180, 43380), (182, 43386), (192, 43422), (205, 43470), (220, 43518),

Gene: FreakyGoo_57 Start: 39488, Stop: 40348, Start Num: 51
Candidate Starts for FreakyGoo_57:
(Start: 51 @39488 has 16 MA's), (Start: 67 @39602 has 5 MA's), (109, 39860), (117, 39896), (121, 39914), (123, 39920), (125, 39926), (127, 39947), (141, 40004), (149, 40043), (150, 40049), (159, 40100), (184, 40196), (196, 40247), (202, 40262), (222, 40337), (223, 40340),

Gene: Fryberger_82 Start: 43615, Stop: 44385, Start Num: 57
Candidate Starts for Fryberger_82:
(Start: 57 @43615 has 6 MA's), (64, 43660), (69, 43681), (76, 43720), (77, 43723), (84, 43804), (97, 43894), (100, 43906), (105, 43915), (118, 43975), (129, 44008), (131, 44020), (146, 44086), (148, 44092), (156, 44131), (175, 44230), (176, 44233), (190, 44284),

Gene: Gabriela_58 Start: 41946, Stop: 42878, Start Num: 34
Candidate Starts for Gabriela_58:
(Start: 34 @41946 has 49 MA's), (Start: 71 @42144 has 3 MA's), (117, 42441), (129, 42480), (131, 42492), (133, 42498), (148, 42555), (155, 42597), (156, 42603), (175, 42702), (176, 42705), (181, 42723), (190, 42756), (192, 42762), (195, 42774), (205, 42810), (218, 42852),

Gene: Gage_69 Start: 44344, Stop: 45312, Start Num: 23
Candidate Starts for Gage_69:
(Start: 23 @44344 has 137 MA's), (Start: 31 @44383 has 107 MA's), (Start: 35 @44389 has 2 MA's), (44, 44413), (47, 44431), (Start: 65 @44563 has 1 MA's), (69, 44578), (Start: 70 @44581 has 20 MA's), (Start: 71 @44584 has 3 MA's), (82, 44701), (85, 44719), (131, 44932), (177, 45148), (180, 45160), (182, 45166), (192, 45202), (205, 45250), (220, 45298),

Gene: Gardann_62 Start: 43532, Stop: 44464, Start Num: 34
Candidate Starts for Gardann_62:

(Start: 34 @43532 has 49 MA's), (Start: 71 @43730 has 3 MA's), (117, 44027), (129, 44066), (131, 44078), (133, 44084), (148, 44141), (155, 44183), (156, 44189), (175, 44288), (176, 44291), (181, 44309), (190, 44342), (192, 44348), (195, 44360), (205, 44396), (218, 44438),

Gene: GardenSalsa_64 Start: 42057, Stop: 42803, Start Num: 67
Candidate Starts for GardenSalsa_64:
(Start: 67 @42057 has 5 MA's), (120, 42363), (121, 42369), (123, 42375), (127, 42402), (141, 42459), (149, 42498), (150, 42504), (160, 42558), (161, 42561), (184, 42651), (191, 42678), (214, 42765), (222, 42792),

Gene: Gator_65 Start: 44400, Stop: 45368, Start Num: 23
Candidate Starts for Gator_65:
(Start: 23 @44400 has 137 MA's), (Start: 31 @44439 has 107 MA's), (Start: 35 @44445 has 2 MA's), (44, 44469), (47, 44487), (Start: 65 @44619 has 1 MA's), (69, 44634), (Start: 70 @44637 has 20 MA's), (Start: 71 @44640 has 3 MA's), (82, 44757), (85, 44775), (131, 44988), (177, 45204), (180, 45216), (182, 45222), (192, 45258), (205, 45306), (220, 45354),

Gene: Gattaca_64 Start: 36804, Stop: 37757, Start Num: 33
Candidate Starts for Gattaca_64:
(Start: 33 @36804 has 22 MA's), (Start: 70 @37002 has 20 MA's), (81, 37095), (87, 37143), (91, 37173), (102, 37224), (110, 37257), (119, 37296), (140, 37386), (145, 37419), (146, 37422), (155, 37470), (158, 37488), (163, 37509), (175, 37575), (178, 37587), (207, 37695),

Gene: Gemini_72 Start: 44861, Stop: 45829, Start Num: 23
Candidate Starts for Gemini_72:
(Start: 23 @44861 has 137 MA's), (Start: 31 @44900 has 107 MA's), (Start: 35 @44906 has 2 MA's), (44, 44930), (47, 44948), (Start: 65 @45080 has 1 MA's), (69, 45095), (Start: 70 @45098 has 20 MA's), (Start: 71 @45101 has 3 MA's), (82, 45218), (85, 45236), (131, 45449), (177, 45665), (180, 45677), (182, 45683), (192, 45719), (205, 45767), (220, 45815),

Gene: GenevaB15_63 Start: 41623, Stop: 42369, Start Num: 67
Candidate Starts for GenevaB15_63:
(Start: 67 @41623 has 5 MA's), (98, 41845), (120, 41929), (121, 41935), (123, 41941), (127, 41968), (141, 42025), (149, 42064), (150, 42070), (160, 42124), (161, 42127), (184, 42217), (191, 42244), (214, 42331), (222, 42358),

Gene: GirlDinner_31 Start: 24223, Stop: 25203, Start Num: 31
Candidate Starts for GirlDinner_31:
(Start: 31 @24223 has 107 MA's), (61, 24391), (Start: 65 @24409 has 1 MA's), (68, 24418), (74, 24454), (92, 24586), (106, 24640), (108, 24652), (109, 24655), (126, 24718), (146, 24817), (150, 24838), (151, 24844), (179, 24985), (190, 25027), (194, 25045), (197, 25054), (214, 25117), (221, 25141), (222, 25144), (225, 25153), (231, 25198),

Gene: Glaske16_57 Start: 39487, Stop: 40347, Start Num: 51
Candidate Starts for Glaske16_57:
(Start: 51 @39487 has 16 MA's), (Start: 67 @39601 has 5 MA's), (109, 39859), (117, 39895), (121, 39913), (123, 39919), (125, 39925), (127, 39946), (141, 40003), (149, 40042), (150, 40048), (159, 40099), (184, 40195), (196, 40246), (202, 40261), (222, 40336), (223, 40339),

Gene: Glexan_66 Start: 44681, Stop: 45649, Start Num: 23
Candidate Starts for Glexan_66:
(Start: 23 @44681 has 137 MA's), (Start: 31 @44720 has 107 MA's), (Start: 35 @44726 has 2 MA's), (44, 44750), (47, 44768), (Start: 65 @44900 has 1 MA's), (69, 44915), (Start: 70 @44918 has 20

MA's), (Start: 71 @44921 has 3 MA's), (82, 45038), (85, 45056), (131, 45269), (177, 45485), (180, 45497), (182, 45503), (192, 45539), (205, 45587), (220, 45635),

Gene: Goby_31 Start: 24321, Stop: 25292, Start Num: 31
Candidate Starts for Goby_31:
(Start: 31 @24321 has 107 MA's), (Start: 35 @24327 has 2 MA's), (61, 24489), (Start: 65 @24507 has 1 MA's), (68, 24516), (92, 24684), (106, 24738), (107, 24741), (108, 24750), (109, 24753), (113, 24774), (119, 24798), (150, 24936), (151, 24942), (159, 24987), (179, 25083), (190, 25125), (194, 25143), (214, 25215), (221, 25239), (225, 25254), (227, 25278),

Gene: Godpower_32 Start: 24315, Stop: 25286, Start Num: 31
Candidate Starts for Godpower_32:
(Start: 31 @24315 has 107 MA's), (61, 24483), (Start: 65 @24501 has 1 MA's), (68, 24510), (92, 24678), (106, 24732), (107, 24735), (108, 24744), (109, 24747), (113, 24768), (119, 24792), (150, 24930), (151, 24936), (159, 24981), (179, 25077), (190, 25119), (194, 25137), (214, 25209), (221, 25233), (225, 25248), (227, 25272),

Gene: Goku_65 Start: 43766, Stop: 44734, Start Num: 23
Candidate Starts for Goku_65:
(Start: 23 @43766 has 137 MA's), (Start: 31 @43805 has 107 MA's), (Start: 35 @43811 has 2 MA's), (44, 43835), (47, 43853), (Start: 65 @43985 has 1 MA's), (69, 44000), (Start: 70 @44003 has 20 MA's), (Start: 71 @44006 has 3 MA's), (82, 44123), (85, 44141), (131, 44354), (177, 44570), (180, 44582), (182, 44588), (192, 44624), (205, 44672), (220, 44720),

Gene: GoldenSpark_71 Start: 44344, Stop: 45312, Start Num: 23
Candidate Starts for GoldenSpark_71:
(Start: 23 @44344 has 137 MA's), (Start: 31 @44383 has 107 MA's), (Start: 35 @44389 has 2 MA's), (44, 44413), (47, 44431), (Start: 65 @44563 has 1 MA's), (69, 44578), (Start: 70 @44581 has 20 MA's), (Start: 71 @44584 has 3 MA's), (82, 44701), (85, 44719), (131, 44932), (177, 45148), (180, 45160), (182, 45166), (192, 45202), (205, 45250), (220, 45298),

Gene: Goldilocks_70 Start: 43845, Stop: 44813, Start Num: 23
Candidate Starts for Goldilocks_70:
(Start: 23 @43845 has 137 MA's), (Start: 31 @43884 has 107 MA's), (Start: 35 @43890 has 2 MA's), (44, 43914), (47, 43932), (Start: 65 @44064 has 1 MA's), (69, 44079), (Start: 70 @44082 has 20 MA's), (Start: 71 @44085 has 3 MA's), (82, 44202), (85, 44220), (131, 44433), (177, 44649), (180, 44661), (182, 44667), (192, 44703), (205, 44751), (220, 44799),

Gene: GooberAzure_70 Start: 44344, Stop: 45312, Start Num: 23
Candidate Starts for GooberAzure_70:
(Start: 23 @44344 has 137 MA's), (Start: 31 @44383 has 107 MA's), (Start: 35 @44389 has 2 MA's), (44, 44413), (47, 44431), (Start: 65 @44563 has 1 MA's), (69, 44578), (Start: 70 @44581 has 20 MA's), (Start: 71 @44584 has 3 MA's), (82, 44701), (85, 44719), (131, 44932), (177, 45148), (180, 45160), (182, 45166), (192, 45202), (205, 45250), (220, 45298),

Gene: GoongGoong_65 Start: 36603, Stop: 37556, Start Num: 33
Candidate Starts for GoongGoong_65:
(Start: 33 @36603 has 22 MA's), (Start: 70 @36801 has 20 MA's), (81, 36894), (87, 36942), (91, 36972), (102, 37023), (110, 37056), (119, 37095), (140, 37185), (145, 37218), (146, 37221), (155, 37269), (158, 37287), (163, 37308), (175, 37374), (178, 37386), (207, 37494),

Gene: GreenWeasel_33 Start: 24166, Stop: 25131, Start Num: 31
Candidate Starts for GreenWeasel_33:

(26, 24136), (Start: 31 @24166 has 107 MA's), (Start: 65 @24352 has 1 MA's), (66, 24355), (73, 24388), (92, 24529), (94, 24547), (106, 24583), (109, 24598), (111, 24610), (113, 24619), (118, 24640), (119, 24643), (128, 24682), (146, 24760), (150, 24781), (157, 24814), (162, 24841), (171, 24886), (201, 25000), (221, 25078), (225, 25090),

Gene: Greep_71 Start: 45349, Stop: 46317, Start Num: 23
Candidate Starts for Greep_71:
(Start: 23 @45349 has 137 MA's), (Start: 31 @45388 has 107 MA's), (Start: 35 @45394 has 2 MA's), (44, 45418), (47, 45436), (Start: 65 @45568 has 1 MA's), (69, 45583), (Start: 70 @45586 has 20 MA's), (Start: 71 @45589 has 3 MA's), (82, 45706), (85, 45724), (131, 45937), (177, 46153), (180, 46165), (182, 46171), (192, 46207), (205, 46255), (220, 46303),

Gene: Guey18_87 Start: 44948, Stop: 45718, Start Num: 57
Candidate Starts for Guey18_87:
(Start: 57 @44948 has 6 MA's), (64, 44993), (69, 45014), (76, 45053), (77, 45056), (84, 45137), (97, 45227), (100, 45239), (105, 45248), (118, 45308), (129, 45341), (131, 45353), (146, 45419), (148, 45425), (156, 45464), (175, 45563), (176, 45566), (190, 45617),

Gene: GuuelaD_60 Start: 43611, Stop: 44543, Start Num: 34
Candidate Starts for GuuelaD_60:
(Start: 34 @43611 has 49 MA's), (Start: 71 @43809 has 3 MA's), (117, 44106), (129, 44145), (131, 44157), (133, 44163), (148, 44220), (155, 44262), (156, 44268), (175, 44367), (176, 44370), (181, 44388), (190, 44421), (192, 44427), (195, 44439), (205, 44475), (218, 44517),

Gene: Hafay_62 Start: 43600, Stop: 44532, Start Num: 34
Candidate Starts for Hafay_62:
(Start: 34 @43600 has 49 MA's), (Start: 71 @43798 has 3 MA's), (117, 44095), (129, 44134), (131, 44146), (133, 44152), (148, 44209), (155, 44251), (156, 44257), (175, 44356), (176, 44359), (181, 44377), (190, 44410), (192, 44416), (195, 44428), (205, 44464), (218, 44506),

Gene: Haizum_31 Start: 24258, Stop: 25220, Start Num: 31
Candidate Starts for Haizum_31:
(24, 24216), (Start: 31 @24258 has 107 MA's), (Start: 38 @24273 has 3 MA's), (106, 24675), (108, 24687), (109, 24690), (113, 24711), (120, 24738), (126, 24753), (150, 24873), (154, 24891), (157, 24906), (162, 24933), (183, 25026), (225, 25179),

Gene: Halena_57 Start: 41362, Stop: 42294, Start Num: 34
Candidate Starts for Halena_57:
(Start: 34 @41362 has 49 MA's), (Start: 71 @41560 has 3 MA's), (117, 41857), (118, 41863), (124, 41884), (129, 41896), (131, 41908), (145, 41962), (147, 41968), (155, 42013), (156, 42019), (158, 42031), (175, 42118), (176, 42121), (177, 42124), (181, 42139), (190, 42172), (193, 42184), (195, 42190), (205, 42226), (215, 42259), (218, 42268),

Gene: HanKaySha_67 Start: 43651, Stop: 44619, Start Num: 23
Candidate Starts for HanKaySha_67:
(Start: 23 @43651 has 137 MA's), (Start: 31 @43690 has 107 MA's), (Start: 35 @43696 has 2 MA's), (44, 43720), (47, 43738), (Start: 65 @43870 has 1 MA's), (69, 43885), (Start: 70 @43888 has 20 MA's), (Start: 71 @43891 has 3 MA's), (82, 44008), (85, 44026), (131, 44239), (177, 44455), (180, 44467), (182, 44473), (192, 44509), (205, 44557), (220, 44605),

Gene: Hank144_32 Start: 24639, Stop: 25586, Start Num: 31
Candidate Starts for Hank144_32:

(19, 24549), (22, 24594), (Start: 31 @24639 has 107 MA's), (61, 24807), (Start: 65 @24825 has 1 MA's), (68, 24834), (92, 25002), (103, 25047), (106, 25056), (107, 25059), (108, 25068), (109, 25071), (126, 25134), (137, 25194), (146, 25233), (150, 25254), (151, 25260), (179, 25401), (190, 25443), (194, 25461), (197, 25470), (214, 25533), (221, 25557), (222, 25560), (225, 25569),

Gene: Harella_67 Start: 45197, Stop: 46165, Start Num: 23
Candidate Starts for Harella_67:
(Start: 23 @45197 has 137 MA's), (Start: 31 @45236 has 107 MA's), (Start: 35 @45242 has 2 MA's), (44, 45266), (47, 45284), (Start: 65 @45416 has 1 MA's), (69, 45431), (Start: 70 @45434 has 20 MA's), (Start: 71 @45437 has 3 MA's), (82, 45554), (85, 45572), (131, 45785), (177, 46001), (180, 46013), (182, 46019), (192, 46055), (205, 46103), (220, 46151),

Gene: Henry_65 Start: 43988, Stop: 44956, Start Num: 23
Candidate Starts for Henry_65:
(Start: 23 @43988 has 137 MA's), (Start: 31 @44027 has 107 MA's), (Start: 35 @44033 has 2 MA's), (44, 44057), (47, 44075), (Start: 65 @44207 has 1 MA's), (69, 44222), (Start: 70 @44225 has 20 MA's), (Start: 71 @44228 has 3 MA's), (82, 44345), (85, 44363), (131, 44576), (177, 44792), (180, 44804), (182, 44810), (192, 44846), (205, 44894), (220, 44942),

Gene: Highbury_66 Start: 43639, Stop: 44607, Start Num: 23
Candidate Starts for Highbury_66:
(Start: 23 @43639 has 137 MA's), (Start: 31 @43678 has 107 MA's), (Start: 35 @43684 has 2 MA's), (44, 43708), (47, 43726), (Start: 65 @43858 has 1 MA's), (69, 43873), (Start: 70 @43876 has 20 MA's), (Start: 71 @43879 has 3 MA's), (82, 43996), (85, 44014), (131, 44227), (177, 44443), (180, 44455), (182, 44461), (192, 44497), (205, 44545), (220, 44593),

Gene: Hippo_30 Start: 23770, Stop: 24738, Start Num: 31
Candidate Starts for Hippo_30:
(19, 23674), (24, 23728), (Start: 31 @23770 has 107 MA's), (52, 23854), (61, 23938), (Start: 65 @23956 has 1 MA's), (92, 24133), (103, 24178), (106, 24187), (108, 24199), (109, 24202), (113, 24223), (146, 24364), (150, 24385), (151, 24391), (159, 24436), (179, 24532), (190, 24574), (194, 24592), (214, 24664), (221, 24688), (222, 24691), (225, 24700), (227, 24724),

Gene: Hiraya_61 Start: 43566, Stop: 44498, Start Num: 34
Candidate Starts for Hiraya_61:
(Start: 34 @43566 has 49 MA's), (Start: 71 @43764 has 3 MA's), (117, 44061), (129, 44100), (131, 44112), (133, 44118), (148, 44175), (155, 44217), (156, 44223), (175, 44322), (176, 44325), (181, 44343), (190, 44376), (192, 44382), (195, 44394), (205, 44430), (218, 44472),

Gene: Holt_72 Start: 44758, Stop: 45726, Start Num: 23
Candidate Starts for Holt_72:
(Start: 23 @44758 has 137 MA's), (Start: 31 @44797 has 107 MA's), (Start: 35 @44803 has 2 MA's), (44, 44827), (47, 44845), (Start: 65 @44977 has 1 MA's), (69, 44992), (Start: 70 @44995 has 20 MA's), (Start: 71 @44998 has 3 MA's), (82, 45115), (85, 45133), (131, 45346), (177, 45562), (180, 45574), (182, 45580), (192, 45616), (205, 45664), (220, 45712),

Gene: Hoonter_70 Start: 44344, Stop: 45312, Start Num: 23
Candidate Starts for Hoonter_70:
(Start: 23 @44344 has 137 MA's), (Start: 31 @44383 has 107 MA's), (Start: 35 @44389 has 2 MA's), (44, 44413), (47, 44431), (Start: 65 @44563 has 1 MA's), (69, 44578), (Start: 70 @44581 has 20 MA's), (Start: 71 @44584 has 3 MA's), (82, 44701), (85, 44719), (131, 44932), (177, 45148), (180, 45160), (182, 45166), (192, 45202), (205, 45250), (220, 45298),

Gene: Hopey_67 Start: 44183, Stop: 45151, Start Num: 23
Candidate Starts for Hopey_67:
(Start: 23 @44183 has 137 MA's), (Start: 31 @44222 has 107 MA's), (Start: 35 @44228 has 2 MA's), (44, 44252), (47, 44270), (Start: 65 @44402 has 1 MA's), (69, 44417), (Start: 70 @44420 has 20 MA's), (Start: 71 @44423 has 3 MA's), (82, 44540), (85, 44558), (131, 44771), (177, 44987), (180, 44999), (182, 45005), (192, 45041), (205, 45089), (220, 45137),

Gene: HufflyPuff_70 Start: 45016, Stop: 45984, Start Num: 23
Candidate Starts for HufflyPuff_70:
(Start: 23 @45016 has 137 MA's), (Start: 31 @45055 has 107 MA's), (Start: 35 @45061 has 2 MA's), (44, 45085), (47, 45103), (Start: 65 @45235 has 1 MA's), (69, 45250), (Start: 70 @45253 has 20 MA's), (Start: 71 @45256 has 3 MA's), (82, 45373), (85, 45391), (131, 45604), (177, 45820), (180, 45832), (182, 45838), (192, 45874), (205, 45922), (220, 45970),

Gene: Huphlepuff_68 Start: 37188, Stop: 38141, Start Num: 33
Candidate Starts for Huphlepuff_68:
(Start: 33 @37188 has 22 MA's), (Start: 70 @37386 has 20 MA's), (81, 37479), (87, 37527), (91, 37557), (102, 37608), (110, 37641), (119, 37680), (140, 37770), (145, 37803), (146, 37806), (155, 37854), (158, 37872), (163, 37893), (175, 37959), (178, 37971), (207, 38079),

Gene: Hydra_33 Start: 24058, Stop: 25035, Start Num: 31
Candidate Starts for Hydra_33:
(1, 23635), (3, 23656), (5, 23686), (16, 23917), (Start: 31 @24058 has 107 MA's), (Start: 38 @24073 has 3 MA's), (61, 24226), (Start: 65 @24244 has 1 MA's), (66, 24247), (68, 24253), (106, 24475), (107, 24478), (108, 24487), (119, 24535), (126, 24553), (146, 24652), (150, 24673), (151, 24679), (179, 24820), (190, 24862), (194, 24880), (214, 24952), (221, 24976), (222, 24979), (225, 24997),

Gene: IHOP_65 Start: 44112, Stop: 45080, Start Num: 23
Candidate Starts for IHOP_65:
(Start: 23 @44112 has 137 MA's), (Start: 31 @44151 has 107 MA's), (Start: 35 @44157 has 2 MA's), (44, 44181), (47, 44199), (Start: 65 @44331 has 1 MA's), (69, 44346), (Start: 70 @44349 has 20 MA's), (Start: 71 @44352 has 3 MA's), (82, 44469), (85, 44487), (131, 44700), (177, 44916), (180, 44928), (182, 44934), (192, 44970), (205, 45018), (220, 45066),

Gene: IPhane7_56 Start: 39492, Stop: 40352, Start Num: 51
Candidate Starts for IPhane7_56:
(Start: 51 @39492 has 16 MA's), (Start: 67 @39606 has 5 MA's), (109, 39864), (117, 39900), (121, 39918), (123, 39924), (125, 39930), (127, 39951), (141, 40008), (149, 40047), (150, 40053), (159, 40104), (184, 40200), (196, 40251), (202, 40266), (222, 40341), (223, 40344),

Gene: Icee_68 Start: 44011, Stop: 44979, Start Num: 23
Candidate Starts for Icee_68:
(Start: 23 @44011 has 137 MA's), (Start: 31 @44050 has 107 MA's), (Start: 35 @44056 has 2 MA's), (44, 44080), (47, 44098), (Start: 65 @44230 has 1 MA's), (69, 44245), (Start: 70 @44248 has 20 MA's), (Start: 71 @44251 has 3 MA's), (82, 44368), (85, 44386), (131, 44599), (177, 44815), (180, 44827), (182, 44833), (192, 44869), (205, 44917), (220, 44965),

Gene: Inca_64 Start: 42676, Stop: 43605, Start Num: 31
Candidate Starts for Inca_64:
(Start: 23 @42637 has 137 MA's), (Start: 31 @42676 has 107 MA's), (Start: 35 @42682 has 2 MA's), (44, 42706), (47, 42724), (Start: 65 @42856 has 1 MA's), (69, 42871), (Start: 70 @42874 has 20 MA's), (Start: 71 @42877 has 3 MA's), (82, 42994), (85, 43012), (131, 43225), (177, 43441), (180, 43453), (182, 43459), (192, 43495), (205, 43543), (220, 43591),

Gene: Indigo_30 Start: 23526, Stop: 24503, Start Num: 31
Candidate Starts for Indigo_30:
(3, 23124), (5, 23154), (16, 23385), (Start: 31 @23526 has 107 MA's), (61, 23694), (Start: 65 @23712 has 1 MA's), (66, 23715), (Start: 67 @23718 has 5 MA's), (68, 23721), (106, 23943), (107, 23946), (108, 23955), (118, 24000), (119, 24003), (126, 24021), (146, 24120), (150, 24141), (151, 24147), (179, 24288), (190, 24330), (194, 24348), (214, 24420), (221, 24444), (222, 24447), (225, 24465),

Gene: Issmi_32 Start: 25370, Stop: 26098, Start Num: 70
Candidate Starts for Issmi_32:
(Start: 31 @25163 has 107 MA's), (Start: 65 @25352 has 1 MA's), (Start: 70 @25370 has 20 MA's), (94, 25541), (106, 25577), (108, 25589), (109, 25592), (120, 25640), (146, 25754), (150, 25775), (154, 25793), (157, 25808), (162, 25835), (183, 25928), (190, 25958), (194, 25976), (197, 25985), (225, 26081),

Gene: Itos_60 Start: 42402, Stop: 43334, Start Num: 34
Candidate Starts for Itos_60:
(Start: 34 @42402 has 49 MA's), (Start: 71 @42600 has 3 MA's), (117, 42897), (129, 42936), (131, 42948), (133, 42954), (148, 43011), (155, 43053), (156, 43059), (175, 43158), (176, 43161), (181, 43179), (190, 43212), (192, 43218), (195, 43230), (205, 43266), (218, 43308),

Gene: Itza_33 Start: 24520, Stop: 25473, Start Num: 31
Candidate Starts for Itza_33:
(Start: 31 @24520 has 107 MA's), (Start: 38 @24535 has 3 MA's), (47, 24571), (Start: 71 @24724 has 3 MA's), (86, 24835), (105, 24931), (106, 24934), (108, 24946), (113, 24970), (120, 24997), (150, 25141), (159, 25192), (186, 25321),

Gene: Izel_57 Start: 39487, Stop: 40347, Start Num: 51
Candidate Starts for Izel_57:
(Start: 51 @39487 has 16 MA's), (Start: 67 @39601 has 5 MA's), (109, 39859), (117, 39895), (121, 39913), (123, 39919), (125, 39925), (127, 39946), (141, 40003), (149, 40042), (150, 40048), (159, 40099), (184, 40195), (196, 40246), (202, 40261), (222, 40336), (223, 40339),

Gene: Izzy_32 Start: 23931, Stop: 24908, Start Num: 31
Candidate Starts for Izzy_32:
(16, 23790), (Start: 31 @23931 has 107 MA's), (Start: 38 @23946 has 3 MA's), (61, 24099), (Start: 65 @24117 has 1 MA's), (66, 24120), (68, 24126), (74, 24162), (106, 24348), (107, 24351), (108, 24360), (119, 24408), (126, 24426), (146, 24525), (150, 24546), (151, 24552), (190, 24735), (194, 24753), (214, 24825), (221, 24849), (222, 24852), (225, 24870),

Gene: Janus_32 Start: 24561, Stop: 25541, Start Num: 31
Candidate Starts for Janus_32:
(Start: 31 @24561 has 107 MA's), (61, 24729), (Start: 65 @24747 has 1 MA's), (68, 24756), (74, 24792), (92, 24924), (106, 24978), (108, 24990), (109, 24993), (126, 25056), (146, 25155), (150, 25176), (151, 25182), (179, 25323), (190, 25365), (194, 25383), (197, 25392), (214, 25455), (221, 25479), (222, 25482), (225, 25491), (231, 25536),

Gene: Jash_32 Start: 23884, Stop: 24861, Start Num: 31
Candidate Starts for Jash_32:
(16, 23743), (Start: 31 @23884 has 107 MA's), (Start: 38 @23899 has 3 MA's), (61, 24052), (Start: 65 @24070 has 1 MA's), (66, 24073), (68, 24079), (74, 24115), (106, 24301), (107, 24304), (108, 24313), (119, 24361), (126, 24379), (146, 24478), (150, 24499), (151, 24505), (190, 24688), (194, 24706), (214, 24778), (221, 24802), (222, 24805), (225, 24823),

Gene: JeTaime_67 Start: 44835, Stop: 45803, Start Num: 23
Candidate Starts for JeTaime_67:
(Start: 23 @44835 has 137 MA's), (Start: 31 @44874 has 107 MA's), (Start: 35 @44880 has 2 MA's), (44, 44904), (47, 44922), (Start: 65 @45054 has 1 MA's), (69, 45069), (Start: 70 @45072 has 20 MA's), (Start: 71 @45075 has 3 MA's), (82, 45192), (85, 45210), (131, 45423), (177, 45639), (180, 45651), (182, 45657), (192, 45693), (205, 45741), (220, 45789),

Gene: Jevington_33 Start: 24924, Stop: 25898, Start Num: 31
Candidate Starts for Jevington_33:
(Start: 31 @24924 has 107 MA's), (Start: 38 @24939 has 3 MA's), (69, 25131), (106, 25347), (108, 25359), (109, 25362), (111, 25374), (120, 25410), (150, 25545), (154, 25563), (162, 25605), (190, 25728), (197, 25755), (211, 25809), (221, 25839), (225, 25851), (230, 25893),

Gene: Jhitchelle_31 Start: 24831, Stop: 25790, Start Num: 31
Candidate Starts for Jhitchelle_31:
(Start: 31 @24831 has 107 MA's), (Start: 38 @24846 has 3 MA's), (47, 24882), (53, 24915), (Start: 65 @25014 has 1 MA's), (66, 25017), (68, 25023), (99, 25230), (106, 25245), (107, 25248), (108, 25257), (111, 25272), (119, 25305), (120, 25308), (126, 25323), (150, 25443), (162, 25503), (170, 25545), (183, 25596), (201, 25662), (221, 25737), (225, 25749),

Gene: Jobypre_61 Start: 44014, Stop: 44751, Start Num: 70
Candidate Starts for Jobypre_61:
(Start: 70 @44014 has 20 MA's), (Start: 71 @44017 has 3 MA's), (131, 44365), (142, 44401), (145, 44419), (147, 44425), (156, 44476), (158, 44488), (163, 44509), (176, 44578), (177, 44581), (181, 44596), (190, 44629), (192, 44635), (193, 44641), (205, 44683), (218, 44725), (220, 44731),

Gene: JoeDirt_58 Start: 41762, Stop: 42694, Start Num: 34
Candidate Starts for JoeDirt_58:
(9, 41522), (10, 41525), (13, 41597), (25, 41735), (Start: 34 @41762 has 49 MA's), (Start: 71 @41960 has 3 MA's), (117, 42257), (124, 42284), (129, 42296), (131, 42308), (145, 42362), (147, 42368), (155, 42413), (156, 42419), (158, 42431), (175, 42518), (176, 42521), (177, 42524), (181, 42539), (195, 42590), (205, 42626), (218, 42668),

Gene: JoieB_67 Start: 37621, Stop: 38574, Start Num: 33
Candidate Starts for JoieB_67:
(Start: 33 @37621 has 22 MA's), (Start: 70 @37819 has 20 MA's), (81, 37912), (87, 37960), (91, 37990), (102, 38041), (110, 38074), (119, 38113), (140, 38203), (145, 38236), (146, 38239), (155, 38287), (158, 38305), (163, 38326), (175, 38392), (178, 38404), (207, 38512),

Gene: Jubie_60 Start: 44149, Stop: 44886, Start Num: 70
Candidate Starts for Jubie_60:
(Start: 70 @44149 has 20 MA's), (Start: 71 @44152 has 3 MA's), (131, 44500), (142, 44536), (145, 44554), (147, 44560), (156, 44611), (158, 44623), (163, 44644), (176, 44713), (177, 44716), (181, 44731), (190, 44764), (192, 44770), (193, 44776), (205, 44818), (218, 44860), (220, 44866),

Gene: Kahlid_61 Start: 43502, Stop: 44434, Start Num: 34
Candidate Starts for Kahlid_61:
(Start: 34 @43502 has 49 MA's), (Start: 71 @43700 has 3 MA's), (117, 43997), (129, 44036), (131, 44048), (133, 44054), (148, 44111), (155, 44153), (156, 44159), (175, 44258), (176, 44261), (181, 44279), (190, 44312), (192, 44318), (195, 44330), (205, 44366), (218, 44408),

Gene: Kaine_32 Start: 25091, Stop: 26059, Start Num: 31

Candidate Starts for Kaine_32:
(Start: 31 @25091 has 107 MA's), (Start: 38 @25106 has 3 MA's), (47, 25142), (53, 25175), (Start: 65 @25274 has 1 MA's), (72, 25307), (74, 25319), (84, 25385), (92, 25451), (106, 25505), (107, 25508), (108, 25517), (126, 25583), (150, 25703), (162, 25763), (170, 25805), (183, 25856), (201, 25922), (221, 25997), (225, 26009), (231, 26054),

Gene: Kanye_64 Start: 43693, Stop: 44661, Start Num: 23
Candidate Starts for Kanye_64:
(Start: 23 @43693 has 137 MA's), (Start: 31 @43732 has 107 MA's), (Start: 35 @43738 has 2 MA's), (44, 43762), (47, 43780), (Start: 65 @43912 has 1 MA's), (69, 43927), (Start: 70 @43930 has 20 MA's), (Start: 71 @43933 has 3 MA's), (82, 44050), (85, 44068), (131, 44281), (177, 44497), (180, 44509), (182, 44515), (192, 44551), (205, 44599), (220, 44647),

Gene: Katalie_31 Start: 24057, Stop: 25028, Start Num: 31
Candidate Starts for Katalie_31:
(20, 23976), (Start: 31 @24057 has 107 MA's), (54, 24153), (61, 24225), (Start: 65 @24243 has 1 MA's), (68, 24252), (103, 24465), (106, 24474), (107, 24477), (108, 24486), (113, 24510), (146, 24651), (150, 24672), (151, 24678), (159, 24723), (179, 24819), (190, 24861), (194, 24879), (214, 24951), (221, 24975), (222, 24978), (225, 24990), (227, 25014),

Gene: Keelan_83 Start: 44373, Stop: 45143, Start Num: 57
Candidate Starts for Keelan_83:
(Start: 57 @44373 has 6 MA's), (59, 44388), (62, 44409), (64, 44418), (69, 44439), (72, 44457), (75, 44472), (79, 44538), (84, 44562), (115, 44718), (118, 44733), (119, 44736), (124, 44754), (129, 44766), (131, 44778), (146, 44844), (158, 44901), (175, 44988), (190, 45042), (195, 45060), (204, 45090), (208, 45108), (213, 45123),

Gene: Kimchi_71 Start: 44347, Stop: 45315, Start Num: 23
Candidate Starts for Kimchi_71:
(Start: 23 @44347 has 137 MA's), (Start: 31 @44386 has 107 MA's), (Start: 35 @44392 has 2 MA's), (44, 44416), (47, 44434), (Start: 65 @44566 has 1 MA's), (69, 44581), (Start: 70 @44584 has 20 MA's), (Start: 71 @44587 has 3 MA's), (82, 44704), (85, 44722), (131, 44935), (177, 45151), (180, 45163), (182, 45169), (192, 45205), (205, 45253), (220, 45301),

Gene: Kingsolomon_60 Start: 44021, Stop: 44758, Start Num: 70
Candidate Starts for Kingsolomon_60:
(Start: 70 @44021 has 20 MA's), (Start: 71 @44024 has 3 MA's), (131, 44372), (142, 44408), (145, 44426), (147, 44432), (156, 44483), (158, 44495), (163, 44516), (176, 44585), (177, 44588), (181, 44603), (190, 44636), (192, 44642), (193, 44648), (205, 44690), (218, 44732), (220, 44738),

Gene: KirDoubleO7_59 Start: 44052, Stop: 44789, Start Num: 70
Candidate Starts for KirDoubleO7_59:
(Start: 70 @44052 has 20 MA's), (Start: 71 @44055 has 3 MA's), (131, 44403), (147, 44463), (148, 44466), (156, 44514), (158, 44526), (163, 44547), (168, 44583), (176, 44616), (177, 44619), (181, 44634), (190, 44667), (192, 44673), (193, 44679), (205, 44721), (218, 44763), (220, 44769),

Gene: KleverKiS_57 Start: 39468, Stop: 40328, Start Num: 51
Candidate Starts for KleverKiS_57:
(Start: 51 @39468 has 16 MA's), (Start: 67 @39582 has 5 MA's), (109, 39840), (117, 39876), (121, 39894), (123, 39900), (125, 39906), (127, 39927), (141, 39984), (149, 40023), (150, 40029), (159, 40080), (184, 40176), (196, 40227), (202, 40242), (222, 40317), (223, 40320),

Gene: Kostya_67 Start: 44211, Stop: 45179, Start Num: 23

Candidate Starts for Kostya_67:
(Start: 23 @44211 has 137 MA's), (Start: 31 @44250 has 107 MA's), (Start: 35 @44256 has 2 MA's), (44, 44280), (47, 44298), (Start: 65 @44430 has 1 MA's), (69, 44445), (Start: 70 @44448 has 20 MA's), (Start: 71 @44451 has 3 MA's), (82, 44568), (85, 44586), (131, 44799), (177, 45015), (180, 45027), (182, 45033), (192, 45069), (205, 45117), (220, 45165),

Gene: Kropertea_58 Start: 42306, Stop: 43238, Start Num: 35
Candidate Starts for Kropertea_58:
(Start: 35 @42306 has 2 MA's), (Start: 71 @42504 has 3 MA's), (110, 42771), (117, 42801), (118, 42807), (131, 42852), (147, 42912), (148, 42915), (155, 42957), (156, 42963), (158, 42975), (176, 43065), (181, 43083), (190, 43116), (192, 43122), (195, 43134), (205, 43170), (218, 43212),

Gene: Krypton555_62 Start: 44246, Stop: 44983, Start Num: 70
Candidate Starts for Krypton555_62:
(Start: 70 @44246 has 20 MA's), (Start: 71 @44249 has 3 MA's), (131, 44597), (133, 44603), (142, 44633), (145, 44651), (147, 44657), (156, 44708), (158, 44720), (163, 44741), (176, 44810), (177, 44813), (181, 44828), (190, 44861), (192, 44867), (193, 44873), (205, 44915), (218, 44957), (220, 44963),

Gene: Kudefre_58 Start: 39045, Stop: 39977, Start Num: 37
Candidate Starts for Kudefre_58:
(Start: 35 @39042 has 2 MA's), (Start: 37 @39045 has 8 MA's), (56, 39162), (Start: 58 @39183 has 2 MA's), (60, 39201), (69, 39237), (Start: 70 @39240 has 20 MA's), (79, 39348), (97, 39465), (100, 39477), (112, 39519), (117, 39540), (122, 39561), (130, 39588), (133, 39597), (136, 39612), (139, 39621), (143, 39648), (153, 39699), (155, 39708), (156, 39714), (166, 39771), (168, 39783), (172, 39795), (173, 39807), (175, 39813), (176, 39816), (177, 39819), (189, 39864), (195, 39885), (218, 39963), (219, 39966),

Gene: Kumao_48 Start: 38609, Stop: 39574, Start Num: 23
Candidate Starts for Kumao_48:
(Start: 23 @38609 has 137 MA's), (Start: 31 @38648 has 107 MA's), (Start: 37 @38657 has 8 MA's), (Start: 65 @38822 has 1 MA's), (Start: 71 @38843 has 3 MA's), (89, 39020), (91, 39038), (93, 39056), (96, 39065), (131, 39194), (142, 39230), (146, 39251), (172, 39386), (175, 39404), (185, 39443), (195, 39476), (200, 39491), (205, 39512), (216, 39548), (220, 39560),

Gene: Lannister_33 Start: 24536, Stop: 25504, Start Num: 31
Candidate Starts for Lannister_33:
(Start: 31 @24536 has 107 MA's), (61, 24704), (Start: 65 @24722 has 1 MA's), (68, 24731), (74, 24767), (103, 24944), (107, 24956), (108, 24965), (109, 24968), (113, 24989), (126, 25031), (146, 25130), (150, 25151), (151, 25157), (179, 25298), (190, 25340), (194, 25358), (214, 25430), (221, 25454), (225, 25466),

Gene: LeBron_58 Start: 41365, Stop: 42297, Start Num: 34
Candidate Starts for LeBron_58:
(Start: 34 @41365 has 49 MA's), (Start: 71 @41563 has 3 MA's), (117, 41860), (118, 41866), (124, 41887), (129, 41899), (131, 41911), (145, 41965), (147, 41971), (155, 42016), (156, 42022), (158, 42034), (175, 42121), (176, 42124), (177, 42127), (181, 42142), (190, 42175), (193, 42187), (195, 42193), (205, 42229), (215, 42262), (218, 42271),

Gene: Legacy_31 Start: 23501, Stop: 24478, Start Num: 31
Candidate Starts for Legacy_31:
(1, 23078), (3, 23099), (5, 23129), (16, 23360), (Start: 31 @23501 has 107 MA's), (Start: 38 @23516 has 3 MA's), (61, 23669), (Start: 65 @23687 has 1 MA's), (66, 23690), (Start: 67 @23693 has 5 MA's),

(68, 23696), (106, 23918), (107, 23921), (108, 23930), (119, 23978), (126, 23996), (146, 24095), (150, 24116), (151, 24122), (179, 24263), (194, 24323), (214, 24395), (221, 24419), (222, 24422), (225, 24440),

Gene: Leviticus_31 Start: 23530, Stop: 24507, Start Num: 31
Candidate Starts for Leviticus_31:
(3, 23128), (5, 23158), (16, 23389), (Start: 31 @23530 has 107 MA's), (Start: 38 @23545 has 3 MA's), (61, 23698), (Start: 65 @23716 has 1 MA's), (66, 23719), (Start: 67 @23722 has 5 MA's), (68, 23725), (106, 23947), (107, 23950), (108, 23959), (119, 24007), (126, 24025), (146, 24124), (150, 24145), (151, 24151), (179, 24292), (190, 24334), (194, 24352), (214, 24424), (221, 24448), (222, 24451), (225, 24469),

Gene: Lewan_62 Start: 43556, Stop: 44488, Start Num: 34
Candidate Starts for Lewan_62:
(Start: 34 @43556 has 49 MA's), (Start: 71 @43754 has 3 MA's), (117, 44051), (129, 44090), (131, 44102), (133, 44108), (148, 44165), (155, 44207), (156, 44213), (175, 44312), (176, 44315), (181, 44333), (190, 44366), (192, 44372), (195, 44384), (205, 44420), (218, 44462),

Gene: Lika_31 Start: 24319, Stop: 25290, Start Num: 31
Candidate Starts for Lika_31:
(Start: 31 @24319 has 107 MA's), (61, 24487), (Start: 65 @24505 has 1 MA's), (68, 24514), (92, 24682), (106, 24736), (107, 24739), (108, 24748), (109, 24751), (113, 24772), (119, 24796), (150, 24934), (151, 24940), (159, 24985), (179, 25081), (190, 25123), (194, 25141), (214, 25213), (221, 25237), (225, 25252), (227, 25276),

Gene: LilDestine_61 Start: 43529, Stop: 44461, Start Num: 34
Candidate Starts for LilDestine_61:
(Start: 34 @43529 has 49 MA's), (Start: 71 @43727 has 3 MA's), (117, 44024), (129, 44063), (131, 44075), (133, 44081), (148, 44138), (155, 44180), (156, 44186), (175, 44285), (176, 44288), (181, 44306), (190, 44339), (192, 44345), (195, 44357), (205, 44393), (218, 44435),

Gene: LilJank_57 Start: 39139, Stop: 40014, Start Num: 37
Candidate Starts for LilJank_57:
(Start: 37 @39139 has 8 MA's), (56, 39247), (61, 39289), (Start: 70 @39325 has 20 MA's), (97, 39550), (110, 39595), (117, 39625), (118, 39631), (119, 39634), (124, 39652), (133, 39682), (136, 39697), (149, 39712), (155, 39745), (164, 39787), (172, 39832), (173, 39844), (175, 39850), (176, 39853), (177, 39856), (192, 39910), (193, 39916), (195, 39922), (203, 39949), (205, 39958),

Gene: Lilac_69 Start: 43968, Stop: 44936, Start Num: 23
Candidate Starts for Lilac_69:
(Start: 23 @43968 has 137 MA's), (Start: 31 @44007 has 107 MA's), (Start: 35 @44013 has 2 MA's), (44, 44037), (47, 44055), (Start: 65 @44187 has 1 MA's), (69, 44202), (Start: 70 @44205 has 20 MA's), (Start: 71 @44208 has 3 MA's), (82, 44325), (85, 44343), (131, 44556), (177, 44772), (180, 44784), (182, 44790), (192, 44826), (205, 44874), (220, 44922),

Gene: Lilbit_64 Start: 37384, Stop: 38337, Start Num: 33
Candidate Starts for Lilbit_64:
(Start: 33 @37384 has 22 MA's), (Start: 70 @37582 has 20 MA's), (81, 37675), (87, 37723), (91, 37753), (102, 37804), (110, 37837), (119, 37876), (140, 37966), (145, 37999), (146, 38002), (155, 38050), (158, 38068), (163, 38089), (175, 38155), (178, 38167), (207, 38275),

Gene: LilhomieP_55 Start: 39492, Stop: 40352, Start Num: 51
Candidate Starts for LilhomieP_55:

(Start: 51 @39492 has 16 MA's), (Start: 67 @39606 has 5 MA's), (109, 39864), (117, 39900), (121, 39918), (123, 39924), (125, 39930), (127, 39951), (141, 40008), (149, 40047), (150, 40053), (159, 40104), (184, 40200), (196, 40251), (202, 40266), (222, 40341), (223, 40344),

Gene: Lilizi_68 Start: 43681, Stop: 44649, Start Num: 23
Candidate Starts for Lilizi_68:
(Start: 23 @43681 has 137 MA's), (Start: 31 @43720 has 107 MA's), (Start: 35 @43726 has 2 MA's), (44, 43750), (47, 43768), (Start: 65 @43900 has 1 MA's), (69, 43915), (Start: 70 @43918 has 20 MA's), (Start: 71 @43921 has 3 MA's), (82, 44038), (85, 44056), (131, 44269), (177, 44485), (180, 44497), (182, 44503), (192, 44539), (205, 44587), (220, 44635),

Gene: Lilpickle_66 Start: 43566, Stop: 44534, Start Num: 23
Candidate Starts for Lilpickle_66:
(Start: 23 @43566 has 137 MA's), (Start: 31 @43605 has 107 MA's), (Start: 35 @43611 has 2 MA's), (44, 43635), (47, 43653), (Start: 65 @43785 has 1 MA's), (69, 43800), (Start: 70 @43803 has 20 MA's), (Start: 71 @43806 has 3 MA's), (82, 43923), (85, 43941), (131, 44154), (177, 44370), (180, 44382), (182, 44388), (192, 44424), (205, 44472), (220, 44520),

Gene: LittleLaf_66 Start: 37113, Stop: 38066, Start Num: 33
Candidate Starts for LittleLaf_66:
(Start: 33 @37113 has 22 MA's), (Start: 70 @37311 has 20 MA's), (81, 37404), (87, 37452), (91, 37482), (102, 37533), (110, 37566), (119, 37605), (140, 37695), (145, 37728), (146, 37731), (155, 37779), (158, 37797), (163, 37818), (175, 37884), (178, 37896), (207, 38004),

Gene: Livelaughbron_69 Start: 45144, Stop: 46112, Start Num: 23
Candidate Starts for Livelaughbron_69:
(Start: 23 @45144 has 137 MA's), (Start: 31 @45183 has 107 MA's), (Start: 35 @45189 has 2 MA's), (44, 45213), (47, 45231), (Start: 65 @45363 has 1 MA's), (69, 45378), (Start: 70 @45381 has 20 MA's), (Start: 71 @45384 has 3 MA's), (82, 45501), (85, 45519), (131, 45732), (177, 45948), (180, 45960), (182, 45966), (192, 46002), (205, 46050), (220, 46098),

Gene: LiyuLake_60 Start: 44068, Stop: 44805, Start Num: 70
Candidate Starts for LiyuLake_60:
(Start: 70 @44068 has 20 MA's), (Start: 71 @44071 has 3 MA's), (131, 44419), (147, 44479), (148, 44482), (156, 44530), (158, 44542), (163, 44563), (168, 44599), (176, 44632), (177, 44635), (181, 44650), (190, 44683), (192, 44689), (193, 44695), (205, 44737), (218, 44779), (220, 44785),

Gene: Loadrie_60 Start: 43584, Stop: 44516, Start Num: 34
Candidate Starts for Loadrie_60:
(Start: 34 @43584 has 49 MA's), (Start: 71 @43782 has 3 MA's), (117, 44079), (129, 44118), (131, 44130), (133, 44136), (148, 44193), (155, 44235), (156, 44241), (175, 44340), (176, 44343), (181, 44361), (190, 44394), (192, 44400), (195, 44412), (205, 44448), (218, 44490),

Gene: Lolly9_60 Start: 43839, Stop: 44576, Start Num: 70
Candidate Starts for Lolly9_60:
(Start: 70 @43839 has 20 MA's), (131, 44190), (133, 44196), (142, 44226), (145, 44244), (147, 44250), (148, 44253), (156, 44301), (158, 44313), (163, 44334), (176, 44403), (177, 44406), (181, 44421), (190, 44454), (192, 44460), (199, 44484), (205, 44508), (218, 44550), (220, 44556),

Gene: Loofah_32 Start: 24761, Stop: 25747, Start Num: 31
Candidate Starts for Loofah_32:
(Start: 31 @24761 has 107 MA's), (47, 24821), (Start: 65 @24953 has 1 MA's), (81, 25049), (84, 25064), (106, 25184), (146, 25361), (150, 25382), (151, 25388), (179, 25529), (183, 25541), (190,

25571), (194, 25589), (197, 25598), (214, 25661), (221, 25685), (225, 25697), (231, 25742),

Gene: Lorelei_31 Start: 24259, Stop: 25230, Start Num: 31
Candidate Starts for Lorelei_31:
(Start: 31 @24259 has 107 MA's), (Start: 38 @24274 has 3 MA's), (47, 24313), (61, 24427), (Start: 65 @24445 has 1 MA's), (66, 24448), (68, 24454), (92, 24622), (106, 24676), (107, 24679), (108, 24688), (109, 24691), (113, 24712), (119, 24736), (150, 24874), (151, 24880), (179, 25021), (190, 25063), (194, 25081), (214, 25153), (221, 25177), (225, 25192), (227, 25216),

Gene: Lumos_62 Start: 44011, Stop: 44748, Start Num: 70
Candidate Starts for Lumos_62:
(Start: 70 @44011 has 20 MA's), (Start: 71 @44014 has 3 MA's), (131, 44362), (142, 44398), (145, 44416), (147, 44422), (156, 44473), (158, 44485), (163, 44506), (176, 44575), (177, 44578), (181, 44593), (190, 44626), (192, 44632), (193, 44638), (205, 44680), (218, 44722), (220, 44728),

Gene: Lynnae_62 Start: 43527, Stop: 44459, Start Num: 34
Candidate Starts for Lynnae_62:
(Start: 34 @43527 has 49 MA's), (Start: 71 @43725 has 3 MA's), (117, 44022), (129, 44061), (131, 44073), (133, 44079), (148, 44136), (155, 44178), (156, 44184), (175, 44283), (176, 44286), (181, 44304), (190, 44337), (192, 44343), (195, 44355), (205, 44391), (218, 44433),

Gene: MAckerman_58 Start: 41355, Stop: 42287, Start Num: 34
Candidate Starts for MAckerman_58:
(Start: 34 @41355 has 49 MA's), (Start: 71 @41553 has 3 MA's), (117, 41850), (118, 41856), (124, 41877), (129, 41889), (131, 41901), (145, 41955), (147, 41961), (155, 42006), (156, 42012), (158, 42024), (175, 42111), (176, 42114), (177, 42117), (181, 42132), (190, 42165), (193, 42177), (195, 42183), (205, 42219), (215, 42252), (218, 42261),

Gene: MISSy_68 Start: 44069, Stop: 45037, Start Num: 23
Candidate Starts for MISSy_68:
(Start: 23 @44069 has 137 MA's), (Start: 31 @44108 has 107 MA's), (Start: 35 @44114 has 2 MA's), (44, 44138), (47, 44156), (Start: 65 @44288 has 1 MA's), (69, 44303), (Start: 70 @44306 has 20 MA's), (Start: 71 @44309 has 3 MA's), (82, 44426), (85, 44444), (131, 44657), (177, 44873), (180, 44885), (182, 44891), (192, 44927), (205, 44975), (220, 45023),

Gene: MPhalcon_68 Start: 44062, Stop: 45030, Start Num: 23
Candidate Starts for MPhalcon_68:
(Start: 23 @44062 has 137 MA's), (Start: 31 @44101 has 107 MA's), (Start: 35 @44107 has 2 MA's), (44, 44131), (47, 44149), (Start: 65 @44281 has 1 MA's), (69, 44296), (Start: 70 @44299 has 20 MA's), (Start: 71 @44302 has 3 MA's), (82, 44419), (85, 44437), (131, 44650), (177, 44866), (180, 44878), (182, 44884), (192, 44920), (205, 44968), (220, 45016),

Gene: MadamMonkfish_67 Start: 43290, Stop: 44258, Start Num: 23
Candidate Starts for MadamMonkfish_67:
(Start: 23 @43290 has 137 MA's), (Start: 31 @43329 has 107 MA's), (Start: 35 @43335 has 2 MA's), (44, 43359), (47, 43377), (Start: 65 @43509 has 1 MA's), (69, 43524), (Start: 70 @43527 has 20 MA's), (Start: 71 @43530 has 3 MA's), (82, 43647), (85, 43665), (131, 43878), (177, 44094), (180, 44106), (182, 44112), (192, 44148), (205, 44196), (220, 44244),

Gene: Manda_67 Start: 44571, Stop: 45539, Start Num: 23
Candidate Starts for Manda_67:
(Start: 23 @44571 has 137 MA's), (Start: 31 @44610 has 107 MA's), (Start: 35 @44616 has 2 MA's), (44, 44640), (47, 44658), (Start: 65 @44790 has 1 MA's), (69, 44805), (Start: 70 @44808 has 20

MA's), (Start: 71 @44811 has 3 MA's), (82, 44928), (85, 44946), (131, 45159), (177, 45375), (180, 45387), (182, 45393), (192, 45429), (205, 45477), (220, 45525),

Gene: Maneekul_30 Start: 23785, Stop: 24756, Start Num: 31
Candidate Starts for Maneekul_30:
(19, 23689), (26, 23758), (Start: 31 @23785 has 107 MA's), (Start: 38 @23800 has 3 MA's), (61, 23953), (Start: 65 @23971 has 1 MA's), (66, 23974), (103, 24193), (104, 24196), (106, 24202), (108, 24214), (109, 24217), (113, 24238), (119, 24262), (137, 24340), (146, 24379), (150, 24400), (151, 24406), (159, 24451), (179, 24547), (183, 24559), (190, 24589), (194, 24607), (214, 24679), (221, 24703), (225, 24718), (227, 24742),

Gene: Marav_34 Start: 25254, Stop: 26228, Start Num: 31
Candidate Starts for Marav_34:
(15, 25095), (Start: 31 @25254 has 107 MA's), (Start: 38 @25269 has 3 MA's), (47, 25314), (69, 25461), (106, 25677), (108, 25689), (109, 25692), (111, 25704), (120, 25740), (150, 25875), (154, 25893), (162, 25935), (190, 26058), (197, 26085), (221, 26169), (225, 26181), (230, 26223),

Gene: Marshmallow_65 Start: 44839, Stop: 45807, Start Num: 23
Candidate Starts for Marshmallow_65:
(Start: 23 @44839 has 137 MA's), (Start: 31 @44878 has 107 MA's), (Start: 35 @44884 has 2 MA's), (44, 44908), (47, 44926), (Start: 65 @45058 has 1 MA's), (69, 45073), (Start: 70 @45076 has 20 MA's), (Start: 71 @45079 has 3 MA's), (82, 45196), (85, 45214), (131, 45427), (177, 45643), (180, 45655), (182, 45661), (192, 45697), (205, 45745), (220, 45793),

Gene: Marvin_62 Start: 36871, Stop: 37824, Start Num: 33
Candidate Starts for Marvin_62:
(Start: 33 @36871 has 22 MA's), (Start: 70 @37069 has 20 MA's), (81, 37162), (87, 37210), (91, 37240), (102, 37291), (110, 37324), (119, 37363), (140, 37453), (145, 37486), (146, 37489), (155, 37537), (158, 37555), (163, 37576), (175, 37642), (178, 37654), (207, 37762),

Gene: MaryV_67 Start: 44513, Stop: 45418, Start Num: 45
Candidate Starts for MaryV_67:
(Start: 45 @44513 has 6 MA's), (Start: 65 @44666 has 1 MA's), (68, 44675), (69, 44681), (74, 44711), (77, 44723), (82, 44774), (95, 44882), (100, 44903), (107, 44918), (118, 44966), (132, 45032), (135, 45041), (148, 45098), (184, 45266), (187, 45284), (206, 45350), (207, 45356), (211, 45371), (222, 45407),

Gene: Maxxinista_69 Start: 43941, Stop: 44909, Start Num: 23
Candidate Starts for Maxxinista_69:
(Start: 23 @43941 has 137 MA's), (Start: 31 @43980 has 107 MA's), (Start: 35 @43986 has 2 MA's), (44, 44010), (47, 44028), (Start: 65 @44160 has 1 MA's), (69, 44175), (Start: 70 @44178 has 20 MA's), (Start: 71 @44181 has 3 MA's), (82, 44298), (85, 44316), (131, 44529), (177, 44745), (180, 44757), (182, 44763), (192, 44799), (205, 44847), (220, 44895),

Gene: Miley16_61 Start: 43496, Stop: 44428, Start Num: 34
Candidate Starts for Miley16_61:
(Start: 34 @43496 has 49 MA's), (Start: 71 @43694 has 3 MA's), (117, 43991), (129, 44030), (131, 44042), (133, 44048), (148, 44105), (155, 44147), (156, 44153), (175, 44252), (176, 44255), (181, 44273), (190, 44306), (192, 44312), (195, 44324), (205, 44360), (218, 44402),

Gene: Mindy_66 Start: 43154, Stop: 44122, Start Num: 23
Candidate Starts for Mindy_66:

(Start: 23 @43154 has 137 MA's), (Start: 31 @43193 has 107 MA's), (Start: 35 @43199 has 2 MA's), (44, 43223), (47, 43241), (Start: 65 @43373 has 1 MA's), (69, 43388), (Start: 70 @43391 has 20 MA's), (Start: 71 @43394 has 3 MA's), (82, 43511), (85, 43529), (131, 43742), (177, 43958), (180, 43970), (182, 43976), (192, 44012), (205, 44060), (220, 44108),

Gene: MiniLon_64 Start: 43840, Stop: 44577, Start Num: 70
Candidate Starts for MiniLon_64:
(Start: 70 @43840 has 20 MA's), (131, 44191), (133, 44197), (142, 44227), (145, 44245), (147, 44251), (148, 44254), (156, 44302), (158, 44314), (163, 44335), (176, 44404), (177, 44407), (181, 44422), (190, 44455), (192, 44461), (199, 44485), (205, 44509), (218, 44551), (220, 44557),

Gene: MiniMac_64 Start: 43838, Stop: 44575, Start Num: 70
Candidate Starts for MiniMac_64:
(Start: 70 @43838 has 20 MA's), (131, 44189), (133, 44195), (142, 44225), (145, 44243), (147, 44249), (156, 44300), (158, 44312), (163, 44333), (176, 44402), (177, 44405), (181, 44420), (190, 44453), (192, 44459), (199, 44483), (205, 44507), (218, 44549), (220, 44555),

Gene: Miniwave_62 Start: 43607, Stop: 44575, Start Num: 23
Candidate Starts for Miniwave_62:
(Start: 23 @43607 has 137 MA's), (Start: 31 @43646 has 107 MA's), (Start: 35 @43652 has 2 MA's), (44, 43676), (47, 43694), (Start: 65 @43826 has 1 MA's), (69, 43841), (Start: 70 @43844 has 20 MA's), (Start: 71 @43847 has 3 MA's), (82, 43964), (85, 43982), (131, 44195), (177, 44411), (180, 44423), (182, 44429), (192, 44465), (205, 44513), (220, 44561),

Gene: Misfit_68 Start: 45081, Stop: 46049, Start Num: 23
Candidate Starts for Misfit_68:
(Start: 23 @45081 has 137 MA's), (Start: 31 @45120 has 107 MA's), (Start: 35 @45126 has 2 MA's), (44, 45150), (47, 45168), (Start: 65 @45300 has 1 MA's), (69, 45315), (Start: 70 @45318 has 20 MA's), (Start: 71 @45321 has 3 MA's), (82, 45438), (85, 45456), (131, 45669), (177, 45885), (180, 45897), (182, 45903), (192, 45939), (205, 45987), (220, 46035),

Gene: MkaliMitinis3_62 Start: 43568, Stop: 44500, Start Num: 34
Candidate Starts for MkaliMitinis3_62:
(Start: 34 @43568 has 49 MA's), (Start: 71 @43766 has 3 MA's), (117, 44063), (129, 44102), (131, 44114), (133, 44120), (148, 44177), (155, 44219), (156, 44225), (175, 44324), (176, 44327), (181, 44345), (190, 44378), (192, 44384), (195, 44396), (205, 44432), (218, 44474),

Gene: Moldemort_70 Start: 44163, Stop: 45131, Start Num: 23
Candidate Starts for Moldemort_70:
(Start: 23 @44163 has 137 MA's), (Start: 31 @44202 has 107 MA's), (Start: 35 @44208 has 2 MA's), (44, 44232), (47, 44250), (Start: 65 @44382 has 1 MA's), (69, 44397), (Start: 70 @44400 has 20 MA's), (Start: 71 @44403 has 3 MA's), (82, 44520), (85, 44538), (131, 44751), (177, 44967), (180, 44979), (182, 44985), (192, 45021), (205, 45069), (220, 45117),

Gene: Molivier_52 Start: 38558, Stop: 39490, Start Num: 34
Candidate Starts for Molivier_52:
(Start: 34 @38558 has 49 MA's), (Start: 71 @38756 has 3 MA's), (117, 39053), (129, 39092), (131, 39104), (133, 39110), (148, 39167), (155, 39209), (156, 39215), (175, 39314), (176, 39317), (181, 39335), (190, 39368), (192, 39374), (195, 39386), (205, 39422), (218, 39464),

Gene: MollyToe_62 Start: 42911, Stop: 43879, Start Num: 23
Candidate Starts for MollyToe_62:

(Start: 23 @42911 has 137 MA's), (Start: 31 @42950 has 107 MA's), (Start: 35 @42956 has 2 MA's), (44, 42980), (47, 42998), (Start: 65 @43130 has 1 MA's), (69, 43145), (Start: 70 @43148 has 20 MA's), (Start: 71 @43151 has 3 MA's), (82, 43268), (85, 43286), (131, 43499), (177, 43715), (180, 43727), (182, 43733), (192, 43769), (205, 43817), (220, 43865),

Gene: Moostard_60 Start: 44017, Stop: 44754, Start Num: 70
Candidate Starts for Moostard_60:
(Start: 70 @44017 has 20 MA's), (Start: 71 @44020 has 3 MA's), (131, 44368), (142, 44404), (145, 44422), (147, 44428), (156, 44479), (158, 44491), (163, 44512), (176, 44581), (177, 44584), (181, 44599), (190, 44632), (192, 44638), (193, 44644), (205, 44686), (218, 44728), (220, 44734),

Gene: MosMoris_63 Start: 36804, Stop: 37757, Start Num: 33
Candidate Starts for MosMoris_63:
(Start: 33 @36804 has 22 MA's), (Start: 70 @37002 has 20 MA's), (81, 37095), (87, 37143), (91, 37173), (102, 37224), (110, 37257), (119, 37296), (140, 37386), (145, 37419), (146, 37422), (155, 37470), (158, 37488), (163, 37509), (175, 37575), (178, 37587), (207, 37695),

Gene: Mosby_63 Start: 43364, Stop: 44332, Start Num: 23
Candidate Starts for Mosby_63:
(Start: 23 @43364 has 137 MA's), (Start: 31 @43403 has 107 MA's), (Start: 35 @43409 has 2 MA's), (44, 43433), (47, 43451), (Start: 65 @43583 has 1 MA's), (69, 43598), (Start: 70 @43601 has 20 MA's), (Start: 71 @43604 has 3 MA's), (82, 43721), (85, 43739), (131, 43952), (177, 44168), (180, 44180), (182, 44186), (192, 44222), (205, 44270), (220, 44318),

Gene: MrMagoo_65 Start: 42057, Stop: 42803, Start Num: 67
Candidate Starts for MrMagoo_65:
(Start: 67 @42057 has 5 MA's), (120, 42363), (121, 42369), (123, 42375), (127, 42402), (141, 42459), (149, 42498), (150, 42504), (160, 42558), (161, 42561), (184, 42651), (191, 42678), (214, 42765), (222, 42792),

Gene: MsGreen_61 Start: 44014, Stop: 44751, Start Num: 70
Candidate Starts for MsGreen_61:
(Start: 70 @44014 has 20 MA's), (Start: 71 @44017 has 3 MA's), (131, 44365), (142, 44401), (145, 44419), (147, 44425), (156, 44476), (158, 44488), (163, 44509), (176, 44578), (177, 44581), (181, 44596), (190, 44629), (192, 44635), (193, 44641), (205, 44683), (218, 44725), (220, 44731),

Gene: Murica_70 Start: 45016, Stop: 45984, Start Num: 23
Candidate Starts for Murica_70:
(Start: 23 @45016 has 137 MA's), (Start: 31 @45055 has 107 MA's), (Start: 35 @45061 has 2 MA's), (44, 45085), (47, 45103), (Start: 65 @45235 has 1 MA's), (69, 45250), (Start: 70 @45253 has 20 MA's), (Start: 71 @45256 has 3 MA's), (82, 45373), (85, 45391), (131, 45604), (177, 45820), (180, 45832), (182, 45838), (192, 45874), (205, 45922), (220, 45970),

Gene: Murphy_67 Start: 44453, Stop: 45421, Start Num: 23
Candidate Starts for Murphy_67:
(Start: 23 @44453 has 137 MA's), (Start: 31 @44492 has 107 MA's), (Start: 35 @44498 has 2 MA's), (44, 44522), (47, 44540), (Start: 65 @44672 has 1 MA's), (69, 44687), (Start: 70 @44690 has 20 MA's), (Start: 71 @44693 has 3 MA's), (82, 44810), (85, 44828), (131, 45041), (177, 45257), (180, 45269), (182, 45275), (192, 45311), (205, 45359), (220, 45407),

Gene: Myrale_67 Start: 44704, Stop: 45672, Start Num: 23
Candidate Starts for Myrale_67:

(Start: 23 @44704 has 137 MA's), (Start: 31 @44743 has 107 MA's), (Start: 35 @44749 has 2 MA's), (44, 44773), (47, 44791), (Start: 65 @44923 has 1 MA's), (69, 44938), (Start: 70 @44941 has 20 MA's), (Start: 71 @44944 has 3 MA's), (82, 45061), (85, 45079), (131, 45292), (177, 45508), (180, 45520), (182, 45526), (192, 45562), (205, 45610), (220, 45658),

Gene: Nabi_31 Start: 24259, Stop: 25230, Start Num: 31
Candidate Starts for Nabi_31:
(Start: 31 @24259 has 107 MA's), (Start: 38 @24274 has 3 MA's), (47, 24313), (61, 24427), (Start: 65 @24445 has 1 MA's), (66, 24448), (68, 24454), (92, 24622), (106, 24676), (107, 24679), (108, 24688), (109, 24691), (113, 24712), (119, 24736), (150, 24874), (151, 24880), (179, 25021), (190, 25063), (194, 25081), (214, 25153), (221, 25177), (225, 25192), (227, 25216),

Gene: Nala_69 Start: 44574, Stop: 45542, Start Num: 23
Candidate Starts for Nala_69:
(Start: 23 @44574 has 137 MA's), (Start: 31 @44613 has 107 MA's), (Start: 35 @44619 has 2 MA's), (44, 44643), (47, 44661), (Start: 65 @44793 has 1 MA's), (69, 44808), (Start: 70 @44811 has 20 MA's), (Start: 71 @44814 has 3 MA's), (82, 44931), (85, 44949), (131, 45162), (177, 45378), (180, 45390), (182, 45396), (192, 45432), (205, 45480), (220, 45528),

Gene: Nanodon_33 Start: 24148, Stop: 25116, Start Num: 31
Candidate Starts for Nanodon_33:
(Start: 31 @24148 has 107 MA's), (61, 24316), (Start: 65 @24334 has 1 MA's), (68, 24343), (74, 24379), (92, 24511), (106, 24565), (107, 24568), (108, 24577), (109, 24580), (113, 24601), (137, 24703), (146, 24742), (150, 24763), (151, 24769), (179, 24910), (190, 24952), (194, 24970), (214, 25042), (221, 25066), (222, 25069), (225, 25078),

Gene: Nanosmite_61 Start: 41136, Stop: 41996, Start Num: 51
Candidate Starts for Nanosmite_61:
(Start: 51 @41136 has 16 MA's), (Start: 67 @41250 has 5 MA's), (109, 41508), (117, 41544), (121, 41562), (123, 41568), (141, 41652), (149, 41691), (160, 41751), (184, 41844), (196, 41895), (222, 41985), (223, 41988),

Gene: NelitzaMV_65 Start: 43653, Stop: 44621, Start Num: 23
Candidate Starts for NelitzaMV_65:
(Start: 23 @43653 has 137 MA's), (Start: 31 @43692 has 107 MA's), (Start: 35 @43698 has 2 MA's), (44, 43722), (47, 43740), (Start: 65 @43872 has 1 MA's), (69, 43887), (Start: 70 @43890 has 20 MA's), (Start: 71 @43893 has 3 MA's), (82, 44010), (85, 44028), (131, 44241), (177, 44457), (180, 44469), (182, 44475), (192, 44511), (205, 44559), (220, 44607),

Gene: Nerdos_31 Start: 23524, Stop: 24501, Start Num: 31
Candidate Starts for Nerdos_31:
(3, 23122), (5, 23152), (16, 23383), (Start: 31 @23524 has 107 MA's), (61, 23692), (Start: 65 @23710 has 1 MA's), (66, 23713), (Start: 67 @23716 has 5 MA's), (68, 23719), (106, 23941), (107, 23944), (108, 23953), (119, 24001), (126, 24019), (146, 24118), (150, 24139), (151, 24145), (179, 24286), (190, 24328), (194, 24346), (214, 24418), (221, 24442), (222, 24445), (225, 24463),

Gene: Netyap_62 Start: 43497, Stop: 44429, Start Num: 34
Candidate Starts for Netyap_62:
(Start: 34 @43497 has 49 MA's), (Start: 71 @43695 has 3 MA's), (117, 43992), (129, 44031), (131, 44043), (133, 44049), (148, 44106), (155, 44148), (156, 44154), (175, 44253), (176, 44256), (181, 44274), (190, 44307), (192, 44313), (195, 44325), (205, 44361), (218, 44403),

Gene: Neville_58 Start: 38801, Stop: 39676, Start Num: 37

Candidate Starts for Neville_58:
(Start: 37 @38801 has 8 MA's), (56, 38909), (61, 38951), (Start: 70 @38987 has 20 MA's), (97, 39212), (103, 39227), (112, 39266), (117, 39287), (122, 39308), (133, 39344), (136, 39359), (149, 39374), (155, 39407), (163, 39446), (164, 39449), (172, 39494), (173, 39506), (175, 39512), (176, 39515), (177, 39518), (192, 39572), (193, 39578), (195, 39584), (203, 39611), (205, 39620),

Gene: Nicholas_60 Start: 44021, Stop: 44758, Start Num: 70
Candidate Starts for Nicholas_60:
(Start: 70 @44021 has 20 MA's), (Start: 71 @44024 has 3 MA's), (131, 44372), (142, 44408), (145, 44426), (147, 44432), (156, 44483), (158, 44495), (163, 44516), (176, 44585), (177, 44588), (181, 44603), (190, 44636), (192, 44642), (193, 44648), (205, 44690), (218, 44732), (220, 44738),

Gene: Nicholasp3_61 Start: 43532, Stop: 44464, Start Num: 34
Candidate Starts for Nicholasp3_61:
(Start: 34 @43532 has 49 MA's), (Start: 71 @43730 has 3 MA's), (117, 44027), (129, 44066), (131, 44078), (133, 44084), (148, 44141), (155, 44183), (156, 44189), (175, 44288), (176, 44291), (181, 44309), (190, 44342), (192, 44348), (195, 44360), (205, 44396), (218, 44438),

Gene: Nimrod_68 Start: 45271, Stop: 46239, Start Num: 23
Candidate Starts for Nimrod_68:
(Start: 23 @45271 has 137 MA's), (Start: 31 @45310 has 107 MA's), (Start: 35 @45316 has 2 MA's), (44, 45340), (47, 45358), (Start: 65 @45490 has 1 MA's), (69, 45505), (Start: 70 @45508 has 20 MA's), (Start: 71 @45511 has 3 MA's), (82, 45628), (85, 45646), (131, 45859), (177, 46075), (180, 46087), (182, 46093), (192, 46129), (205, 46177), (220, 46225),

Gene: Nishikigoi_31 Start: 24258, Stop: 25220, Start Num: 31
Candidate Starts for Nishikigoi_31:
(24, 24216), (Start: 31 @24258 has 107 MA's), (Start: 38 @24273 has 3 MA's), (106, 24675), (108, 24687), (109, 24690), (113, 24711), (120, 24738), (126, 24753), (150, 24873), (154, 24891), (157, 24906), (162, 24933), (183, 25026), (225, 25179),

Gene: NoSleep_68 Start: 43911, Stop: 44879, Start Num: 23
Candidate Starts for NoSleep_68:
(Start: 23 @43911 has 137 MA's), (Start: 31 @43950 has 107 MA's), (Start: 35 @43956 has 2 MA's), (44, 43980), (47, 43998), (Start: 65 @44130 has 1 MA's), (69, 44145), (Start: 70 @44148 has 20 MA's), (Start: 71 @44151 has 3 MA's), (82, 44268), (85, 44286), (131, 44499), (177, 44715), (180, 44727), (182, 44733), (192, 44769), (205, 44817), (220, 44865),

Gene: NonchalantPear_67 Start: 43761, Stop: 44729, Start Num: 23
Candidate Starts for NonchalantPear_67:
(Start: 23 @43761 has 137 MA's), (Start: 31 @43800 has 107 MA's), (Start: 35 @43806 has 2 MA's), (44, 43830), (47, 43848), (Start: 65 @43980 has 1 MA's), (69, 43995), (Start: 70 @43998 has 20 MA's), (Start: 71 @44001 has 3 MA's), (82, 44118), (85, 44136), (131, 44349), (177, 44565), (180, 44577), (182, 44583), (192, 44619), (205, 44667), (220, 44715),

Gene: Octobien14_58 Start: 39326, Stop: 40258, Start Num: 37
Candidate Starts for Octobien14_58:
(Start: 35 @39323 has 2 MA's), (Start: 37 @39326 has 8 MA's), (56, 39443), (60, 39482), (Start: 70 @39521 has 20 MA's), (79, 39629), (82, 39641), (91, 39716), (97, 39746), (100, 39758), (114, 39809), (117, 39821), (130, 39869), (133, 39878), (136, 39893), (139, 39902), (143, 39929), (153, 39980), (155, 39989), (156, 39995), (168, 40064), (172, 40076), (173, 40088), (175, 40094), (176, 40097), (177, 40100), (218, 40244),

Gene: OhShagHennessy_57 Start: 40797, Stop: 41738, Start Num: 34
Candidate Starts for OhShagHennessy_57:
(Start: 23 @40755 has 137 MA's), (Start: 34 @40797 has 49 MA's), (41, 40818), (Start: 71 @41004 has 3 MA's), (117, 41301), (118, 41307), (124, 41328), (129, 41340), (131, 41352), (145, 41406), (147, 41412), (155, 41457), (156, 41463), (158, 41475), (175, 41562), (176, 41565), (177, 41568), (181, 41583), (195, 41634), (205, 41670), (215, 41703), (218, 41712),

Gene: Oliynyk_32 Start: 23884, Stop: 24861, Start Num: 31
Candidate Starts for Oliynyk_32:
(16, 23743), (Start: 31 @23884 has 107 MA's), (Start: 38 @23899 has 3 MA's), (61, 24052), (Start: 65 @24070 has 1 MA's), (66, 24073), (68, 24079), (74, 24115), (106, 24301), (107, 24304), (108, 24313), (119, 24361), (126, 24379), (146, 24478), (150, 24499), (151, 24505), (190, 24688), (194, 24706), (214, 24778), (221, 24802), (222, 24805), (225, 24823),

Gene: Omar_32 Start: 24520, Stop: 25497, Start Num: 31
Candidate Starts for Omar_32:
(24, 24478), (Start: 31 @24520 has 107 MA's), (Start: 38 @24535 has 3 MA's), (61, 24694), (92, 24889), (106, 24943), (108, 24955), (109, 24958), (111, 24970), (113, 24979), (120, 25006), (126, 25021), (150, 25141), (154, 25159), (157, 25174), (190, 25324), (194, 25342), (225, 25447), (231, 25492),

Gene: OrionPax_66 Start: 43659, Stop: 44627, Start Num: 23
Candidate Starts for OrionPax_66:
(Start: 23 @43659 has 137 MA's), (Start: 31 @43698 has 107 MA's), (Start: 35 @43704 has 2 MA's), (44, 43728), (47, 43746), (Start: 65 @43878 has 1 MA's), (69, 43893), (Start: 70 @43896 has 20 MA's), (Start: 71 @43899 has 3 MA's), (82, 44016), (85, 44034), (131, 44247), (177, 44463), (180, 44475), (182, 44481), (192, 44517), (205, 44565), (220, 44613),

Gene: OverPar_62 Start: 43584, Stop: 44516, Start Num: 34
Candidate Starts for OverPar_62:
(Start: 34 @43584 has 49 MA's), (Start: 71 @43782 has 3 MA's), (117, 44079), (129, 44118), (131, 44130), (133, 44136), (148, 44193), (155, 44235), (156, 44241), (175, 44340), (176, 44343), (181, 44361), (190, 44394), (192, 44400), (195, 44412), (205, 44448), (218, 44490),

Gene: Ozzie_31 Start: 23510, Stop: 24487, Start Num: 31
Candidate Starts for Ozzie_31:
(1, 23087), (3, 23108), (5, 23138), (16, 23369), (Start: 31 @23510 has 107 MA's), (Start: 38 @23525 has 3 MA's), (61, 23678), (Start: 65 @23696 has 1 MA's), (66, 23699), (Start: 67 @23702 has 5 MA's), (68, 23705), (106, 23927), (107, 23930), (108, 23939), (119, 23987), (126, 24005), (146, 24104), (150, 24125), (151, 24131), (179, 24272), (190, 24314), (194, 24332), (214, 24404), (221, 24428), (222, 24431), (225, 24449),

Gene: OzzyJ_31 Start: 23761, Stop: 24729, Start Num: 31
Candidate Starts for OzzyJ_31:
(19, 23665), (24, 23719), (Start: 31 @23761 has 107 MA's), (61, 23929), (Start: 65 @23947 has 1 MA's), (68, 23956), (92, 24124), (103, 24169), (106, 24178), (108, 24190), (109, 24193), (113, 24214), (146, 24355), (150, 24376), (151, 24382), (159, 24427), (179, 24523), (190, 24565), (194, 24583), (214, 24655), (221, 24679), (222, 24682), (225, 24691), (227, 24715),

Gene: PYPDinur_57 Start: 42223, Stop: 43155, Start Num: 34
Candidate Starts for PYPDinur_57:
(Start: 34 @42223 has 49 MA's), (Start: 71 @42421 has 3 MA's), (117, 42718), (118, 42724), (122, 42739), (131, 42769), (133, 42775), (147, 42829), (148, 42832), (155, 42874), (156, 42880), (158,

42892), (176, 42982), (181, 43000), (190, 43033), (192, 43039), (195, 43051), (205, 43087), (218, 43129),

Gene: Pablito_31 Start: 24154, Stop: 25086, Start Num: 38
Candidate Starts for Pablito_31:
(Start: 31 @24139 has 107 MA's), (Start: 38 @24154 has 3 MA's), (61, 24307), (Start: 65 @24325 has 1 MA's), (68, 24334), (84, 24436), (92, 24502), (106, 24556), (108, 24568), (109, 24571), (150, 24754), (151, 24760), (165, 24829), (179, 24901), (190, 24943), (194, 24961), (197, 24970), (214, 25033), (221, 25057), (225, 25069), (226, 25072),

Gene: PaddyBaddy_67 Start: 43665, Stop: 44633, Start Num: 23
Candidate Starts for PaddyBaddy_67:
(Start: 23 @43665 has 137 MA's), (Start: 31 @43704 has 107 MA's), (Start: 35 @43710 has 2 MA's), (44, 43734), (47, 43752), (Start: 65 @43884 has 1 MA's), (69, 43899), (Start: 70 @43902 has 20 MA's), (Start: 71 @43905 has 3 MA's), (82, 44022), (85, 44040), (131, 44253), (177, 44469), (180, 44481), (182, 44487), (192, 44523), (205, 44571), (220, 44619),

Gene: Paedore_31 Start: 24746, Stop: 25732, Start Num: 31
Candidate Starts for Paedore_31:
(Start: 31 @24746 has 107 MA's), (47, 24806), (Start: 65 @24938 has 1 MA's), (81, 25034), (84, 25049), (106, 25169), (146, 25346), (150, 25367), (151, 25373), (179, 25514), (183, 25526), (190, 25556), (194, 25574), (197, 25583), (214, 25646), (221, 25670), (225, 25682), (231, 25727),

Gene: Palpatine_69 Start: 45043, Stop: 46011, Start Num: 23
Candidate Starts for Palpatine_69:
(Start: 23 @45043 has 137 MA's), (Start: 31 @45082 has 107 MA's), (Start: 35 @45088 has 2 MA's), (44, 45112), (47, 45130), (Start: 65 @45262 has 1 MA's), (69, 45277), (Start: 70 @45280 has 20 MA's), (Start: 71 @45283 has 3 MA's), (82, 45400), (85, 45418), (131, 45631), (177, 45847), (180, 45859), (182, 45865), (192, 45901), (205, 45949), (220, 45997),

Gene: Paolo_33 Start: 25087, Stop: 26064, Start Num: 31
Candidate Starts for Paolo_33:
(Start: 31 @25087 has 107 MA's), (Start: 38 @25102 has 3 MA's), (69, 25294), (92, 25456), (106, 25510), (108, 25522), (109, 25525), (111, 25537), (113, 25546), (114, 25549), (120, 25573), (126, 25588), (150, 25708), (151, 25714), (154, 25726), (180, 25855), (190, 25894), (194, 25912), (197, 25921), (221, 26005), (225, 26017), (230, 26059),

Gene: Paperbeatsrock_66 Start: 44285, Stop: 45253, Start Num: 23
Candidate Starts for Paperbeatsrock_66:
(Start: 23 @44285 has 137 MA's), (Start: 31 @44324 has 107 MA's), (Start: 35 @44330 has 2 MA's), (44, 44354), (47, 44372), (Start: 65 @44504 has 1 MA's), (69, 44519), (Start: 70 @44522 has 20 MA's), (Start: 71 @44525 has 3 MA's), (82, 44642), (85, 44660), (131, 44873), (177, 45089), (180, 45101), (182, 45107), (192, 45143), (205, 45191), (220, 45239),

Gene: Pat3_65 Start: 42808, Stop: 43776, Start Num: 23
Candidate Starts for Pat3_65:
(Start: 23 @42808 has 137 MA's), (Start: 31 @42847 has 107 MA's), (Start: 35 @42853 has 2 MA's), (44, 42877), (47, 42895), (Start: 65 @43027 has 1 MA's), (69, 43042), (Start: 70 @43045 has 20 MA's), (Start: 71 @43048 has 3 MA's), (82, 43165), (85, 43183), (131, 43396), (177, 43612), (180, 43624), (182, 43630), (192, 43666), (205, 43714), (220, 43762),

Gene: Pavo_33 Start: 25566, Stop: 26519, Start Num: 38
Candidate Starts for Pavo_33:

(Start: 31 @25551 has 107 MA's), (Start: 38 @25566 has 3 MA's), (47, 25602), (53, 25635), (Start: 65 @25734 has 1 MA's), (66, 25737), (68, 25743), (92, 25911), (106, 25965), (107, 25968), (108, 25977), (111, 25992), (119, 26025), (120, 26028), (126, 26043), (150, 26163), (162, 26223), (170, 26265), (183, 26316), (201, 26382), (221, 26457), (225, 26469), (231, 26514),

Gene: PegLeg_56 Start: 39491, Stop: 40351, Start Num: 51
Candidate Starts for PegLeg_56:
(Start: 51 @39491 has 16 MA's), (Start: 67 @39605 has 5 MA's), (109, 39863), (117, 39899), (121, 39917), (123, 39923), (125, 39929), (127, 39950), (141, 40007), (149, 40046), (150, 40052), (159, 40103), (184, 40199), (196, 40250), (202, 40265), (222, 40340), (223, 40343),

Gene: Petra64142_71 Start: 45507, Stop: 46475, Start Num: 23
Candidate Starts for Petra64142_71:
(Start: 23 @45507 has 137 MA's), (Start: 31 @45546 has 107 MA's), (Start: 35 @45552 has 2 MA's), (44, 45576), (47, 45594), (Start: 65 @45726 has 1 MA's), (69, 45741), (Start: 70 @45744 has 20 MA's), (Start: 71 @45747 has 3 MA's), (82, 45864), (85, 45882), (131, 46095), (177, 46311), (180, 46323), (182, 46329), (192, 46365), (205, 46413), (220, 46461),

Gene: Phaja_65 Start: 44111, Stop: 45079, Start Num: 23
Candidate Starts for Phaja_65:
(Start: 23 @44111 has 137 MA's), (Start: 31 @44150 has 107 MA's), (Start: 35 @44156 has 2 MA's), (44, 44180), (47, 44198), (Start: 65 @44330 has 1 MA's), (69, 44345), (Start: 70 @44348 has 20 MA's), (Start: 71 @44351 has 3 MA's), (82, 44468), (85, 44486), (131, 44699), (177, 44915), (180, 44927), (182, 44933), (192, 44969), (205, 45017), (220, 45065),

Gene: Pharsalus_64 Start: 44085, Stop: 45053, Start Num: 23
Candidate Starts for Pharsalus_64:
(Start: 23 @44085 has 137 MA's), (Start: 31 @44124 has 107 MA's), (Start: 35 @44130 has 2 MA's), (44, 44154), (47, 44172), (Start: 65 @44304 has 1 MA's), (69, 44319), (Start: 70 @44322 has 20 MA's), (Start: 71 @44325 has 3 MA's), (82, 44442), (85, 44460), (131, 44673), (177, 44889), (180, 44901), (182, 44907), (192, 44943), (205, 44991), (220, 45039),

Gene: PhatBacter_71 Start: 45060, Stop: 46028, Start Num: 23
Candidate Starts for PhatBacter_71:
(Start: 23 @45060 has 137 MA's), (Start: 31 @45099 has 107 MA's), (Start: 35 @45105 has 2 MA's), (44, 45129), (47, 45147), (Start: 65 @45279 has 1 MA's), (69, 45294), (Start: 70 @45297 has 20 MA's), (Start: 71 @45300 has 3 MA's), (82, 45417), (85, 45435), (131, 45648), (177, 45864), (180, 45876), (181, 45879), (182, 45882), (192, 45918), (205, 45966), (220, 46014),

Gene: Phaux_69 Start: 45055, Stop: 46023, Start Num: 23
Candidate Starts for Phaux_69:
(Start: 23 @45055 has 137 MA's), (Start: 31 @45094 has 107 MA's), (Start: 35 @45100 has 2 MA's), (44, 45124), (47, 45142), (Start: 65 @45274 has 1 MA's), (69, 45289), (Start: 70 @45292 has 20 MA's), (Start: 71 @45295 has 3 MA's), (82, 45412), (85, 45430), (131, 45643), (177, 45859), (180, 45871), (182, 45877), (192, 45913), (205, 45961), (220, 46009),

Gene: Phettuccine_31 Start: 23526, Stop: 24503, Start Num: 31
Candidate Starts for Phettuccine_31:
(3, 23124), (5, 23154), (16, 23385), (Start: 31 @23526 has 107 MA's), (Start: 38 @23541 has 3 MA's), (61, 23694), (Start: 65 @23712 has 1 MA's), (66, 23715), (Start: 67 @23718 has 5 MA's), (68, 23721), (106, 23943), (107, 23946), (108, 23955), (119, 24003), (126, 24021), (146, 24120), (150, 24141), (151, 24147), (179, 24288), (190, 24330), (194, 24348), (214, 24420), (221, 24444), (222, 24447), (225, 24465),

Gene: Phrux_64 Start: 43651, Stop: 44619, Start Num: 23
Candidate Starts for Phrux_64:
(Start: 23 @43651 has 137 MA's), (Start: 31 @43690 has 107 MA's), (Start: 35 @43696 has 2 MA's), (44, 43720), (47, 43738), (Start: 65 @43870 has 1 MA's), (69, 43885), (Start: 70 @43888 has 20 MA's), (Start: 71 @43891 has 3 MA's), (82, 44008), (85, 44026), (131, 44239), (177, 44455), (180, 44467), (182, 44473), (192, 44509), (205, 44557), (220, 44605),

Gene: Poise_66 Start: 36700, Stop: 37653, Start Num: 33
Candidate Starts for Poise_66:
(Start: 33 @36700 has 22 MA's), (Start: 70 @36898 has 20 MA's), (81, 36991), (87, 37039), (91, 37069), (102, 37120), (110, 37153), (119, 37192), (140, 37282), (145, 37315), (146, 37318), (155, 37366), (158, 37384), (163, 37405), (175, 37471), (178, 37483), (207, 37591),

Gene: Policronamos_70 Start: 45055, Stop: 46023, Start Num: 23
Candidate Starts for Policronamos_70:
(Start: 23 @45055 has 137 MA's), (Start: 31 @45094 has 107 MA's), (Start: 35 @45100 has 2 MA's), (44, 45124), (47, 45142), (Start: 65 @45274 has 1 MA's), (69, 45289), (Start: 70 @45292 has 20 MA's), (Start: 71 @45295 has 3 MA's), (82, 45412), (85, 45430), (131, 45643), (177, 45859), (180, 45871), (182, 45877), (192, 45913), (205, 45961), (220, 46009),

Gene: Poochiewood_59 Start: 41770, Stop: 42702, Start Num: 34
Candidate Starts for Poochiewood_59:
(Start: 34 @41770 has 49 MA's), (Start: 71 @41968 has 3 MA's), (117, 42265), (118, 42271), (124, 42292), (129, 42304), (131, 42316), (133, 42322), (145, 42370), (147, 42376), (155, 42421), (156, 42427), (158, 42439), (175, 42526), (176, 42529), (177, 42532), (181, 42547), (195, 42598), (205, 42634), (218, 42676),

Gene: Porky_66 Start: 43481, Stop: 44449, Start Num: 23
Candidate Starts for Porky_66:
(Start: 23 @43481 has 137 MA's), (Start: 31 @43520 has 107 MA's), (Start: 35 @43526 has 2 MA's), (44, 43550), (47, 43568), (Start: 65 @43700 has 1 MA's), (69, 43715), (Start: 70 @43718 has 20 MA's), (Start: 71 @43721 has 3 MA's), (82, 43838), (85, 43856), (131, 44069), (177, 44285), (180, 44297), (182, 44303), (192, 44339), (205, 44387), (220, 44435),

Gene: Pringar_65 Start: 36989, Stop: 37942, Start Num: 33
Candidate Starts for Pringar_65:
(11, 36821), (Start: 33 @36989 has 22 MA's), (Start: 70 @37187 has 20 MA's), (81, 37280), (87, 37328), (91, 37358), (102, 37409), (110, 37442), (119, 37481), (140, 37571), (145, 37604), (146, 37607), (155, 37655), (158, 37673), (163, 37694), (175, 37760), (178, 37772), (207, 37880),

Gene: Provolone_33 Start: 24933, Stop: 25901, Start Num: 31
Candidate Starts for Provolone_33:
(Start: 31 @24933 has 107 MA's), (Start: 38 @24948 has 3 MA's), (47, 24984), (53, 25017), (Start: 65 @25116 has 1 MA's), (66, 25119), (68, 25125), (92, 25293), (106, 25347), (107, 25350), (108, 25359), (111, 25374), (119, 25407), (120, 25410), (126, 25425), (150, 25545), (162, 25605), (170, 25647), (183, 25698), (201, 25764), (221, 25839), (225, 25851), (231, 25896),

Gene: Ptowny_64 Start: 42947, Stop: 43915, Start Num: 23
Candidate Starts for Ptowny_64:
(Start: 23 @42947 has 137 MA's), (Start: 31 @42986 has 107 MA's), (Start: 35 @42992 has 2 MA's), (44, 43016), (47, 43034), (Start: 65 @43166 has 1 MA's), (69, 43181), (Start: 70 @43184 has 20 MA's), (Start: 71 @43187 has 3 MA's), (82, 43304), (85, 43322), (131, 43535), (177, 43751), (180,

43763), (182, 43769), (192, 43805), (205, 43853), (220, 43901),

Gene: Puginator_33 Start: 25108, Stop: 26082, Start Num: 31
Candidate Starts for Puginator_33:
(Start: 31 @25108 has 107 MA's), (Start: 38 @25123 has 3 MA's), (69, 25315), (92, 25477), (94, 25495), (106, 25531), (108, 25543), (109, 25546), (111, 25558), (114, 25570), (120, 25594), (126, 25609), (150, 25729), (151, 25735), (154, 25747), (162, 25789), (180, 25873), (190, 25912), (194, 25930), (197, 25939), (221, 26023), (225, 26035), (230, 26077),

Gene: Pumpkin_70 Start: 44709, Stop: 45677, Start Num: 23
Candidate Starts for Pumpkin_70:
(Start: 23 @44709 has 137 MA's), (Start: 31 @44748 has 107 MA's), (Start: 35 @44754 has 2 MA's), (44, 44778), (47, 44796), (Start: 65 @44928 has 1 MA's), (69, 44943), (Start: 70 @44946 has 20 MA's), (Start: 71 @44949 has 3 MA's), (82, 45066), (85, 45084), (131, 45297), (177, 45513), (180, 45525), (182, 45531), (192, 45567), (205, 45615), (220, 45663),

Gene: Quallification_68 Start: 44693, Stop: 45661, Start Num: 23
Candidate Starts for Quallification_68:
(Start: 23 @44693 has 137 MA's), (Start: 31 @44732 has 107 MA's), (Start: 35 @44738 has 2 MA's), (44, 44762), (47, 44780), (Start: 65 @44912 has 1 MA's), (69, 44927), (Start: 70 @44930 has 20 MA's), (Start: 71 @44933 has 3 MA's), (82, 45050), (85, 45068), (131, 45281), (177, 45497), (180, 45509), (182, 45515), (192, 45551), (205, 45599), (220, 45647),

Gene: Quby_59 Start: 42121, Stop: 43053, Start Num: 34
Candidate Starts for Quby_59:
(Start: 34 @42121 has 49 MA's), (Start: 71 @42319 has 3 MA's), (110, 42586), (117, 42616), (118, 42622), (122, 42637), (131, 42667), (133, 42673), (147, 42727), (148, 42730), (155, 42772), (156, 42778), (158, 42790), (176, 42880), (181, 42898), (190, 42931), (192, 42937), (195, 42949), (205, 42985), (218, 43027),

Gene: R4_31 Start: 24880, Stop: 25854, Start Num: 31
Candidate Starts for R4_31:
(Start: 31 @24880 has 107 MA's), (47, 24940), (Start: 65 @25072 has 1 MA's), (84, 25183), (92, 25249), (106, 25303), (109, 25318), (146, 25480), (150, 25501), (151, 25507), (179, 25648), (183, 25660), (190, 25690), (194, 25708), (197, 25717), (214, 25780), (217, 25789), (221, 25804), (222, 25807), (225, 25816),

Gene: Rabbitrun_58 Start: 39022, Stop: 39897, Start Num: 37
Candidate Starts for Rabbitrun_58:
(17, 38893), (Start: 37 @39022 has 8 MA's), (56, 39130), (61, 39172), (Start: 70 @39208 has 20 MA's), (97, 39433), (103, 39448), (117, 39508), (118, 39514), (119, 39517), (124, 39535), (133, 39565), (136, 39580), (149, 39595), (155, 39628), (164, 39670), (172, 39715), (173, 39727), (175, 39733), (176, 39736), (177, 39739), (192, 39793), (193, 39799), (195, 39805), (203, 39832), (205, 39841),

Gene: Raela_66 Start: 37257, Stop: 38210, Start Num: 33
Candidate Starts for Raela_66:
(Start: 33 @37257 has 22 MA's), (Start: 70 @37455 has 20 MA's), (81, 37548), (87, 37596), (91, 37626), (102, 37677), (110, 37710), (119, 37749), (140, 37839), (145, 37872), (146, 37875), (155, 37923), (158, 37941), (163, 37962), (175, 38028), (178, 38040), (207, 38148),

Gene: Rakim_68 Start: 44162, Stop: 45130, Start Num: 23
Candidate Starts for Rakim_68:

(Start: 23 @44162 has 137 MA's), (Start: 31 @44201 has 107 MA's), (Start: 35 @44207 has 2 MA's), (44, 44231), (47, 44249), (Start: 65 @44381 has 1 MA's), (69, 44396), (Start: 70 @44399 has 20 MA's), (Start: 71 @44402 has 3 MA's), (82, 44519), (85, 44537), (131, 44750), (177, 44966), (180, 44978), (182, 44984), (192, 45020), (205, 45068), (220, 45116),

Gene: Rana_31 Start: 24259, Stop: 25230, Start Num: 31
Candidate Starts for Rana_31:
(Start: 31 @24259 has 107 MA's), (Start: 38 @24274 has 3 MA's), (47, 24313), (61, 24427), (Start: 65 @24445 has 1 MA's), (66, 24448), (68, 24454), (92, 24622), (106, 24676), (107, 24679), (108, 24688), (109, 24691), (113, 24712), (119, 24736), (150, 24874), (151, 24880), (179, 25021), (190, 25063), (194, 25081), (214, 25153), (221, 25177), (225, 25192), (227, 25216),

Gene: Red305_61 Start: 44014, Stop: 44751, Start Num: 70
Candidate Starts for Red305_61:
(Start: 70 @44014 has 20 MA's), (Start: 71 @44017 has 3 MA's), (131, 44365), (142, 44401), (145, 44419), (147, 44425), (156, 44476), (158, 44488), (163, 44509), (176, 44578), (177, 44581), (181, 44596), (190, 44629), (192, 44635), (193, 44641), (205, 44683), (218, 44725), (220, 44731),

Gene: RedBear_32 Start: 24057, Stop: 25028, Start Num: 31
Candidate Starts for RedBear_32:
(20, 23976), (Start: 31 @24057 has 107 MA's), (54, 24153), (61, 24225), (Start: 65 @24243 has 1 MA's), (68, 24252), (103, 24465), (106, 24474), (107, 24477), (108, 24486), (113, 24510), (146, 24651), (150, 24672), (151, 24678), (159, 24723), (179, 24819), (190, 24861), (194, 24879), (214, 24951), (221, 24975), (222, 24978), (225, 24990), (227, 25014),

Gene: RedRaider77_65 Start: 36645, Stop: 37598, Start Num: 33
Candidate Starts for RedRaider77_65:
(Start: 33 @36645 has 22 MA's), (Start: 70 @36843 has 20 MA's), (81, 36936), (87, 36984), (91, 37014), (102, 37065), (110, 37098), (119, 37137), (140, 37227), (145, 37260), (146, 37263), (155, 37311), (158, 37329), (163, 37350), (175, 37416), (178, 37428), (207, 37536),

Gene: Reindeer_58 Start: 40686, Stop: 41546, Start Num: 51
Candidate Starts for Reindeer_58:
(Start: 51 @40686 has 16 MA's), (Start: 67 @40800 has 5 MA's), (73, 40830), (92, 40980), (103, 41034), (108, 41055), (123, 41118), (141, 41202), (149, 41241), (150, 41247), (159, 41298), (184, 41394), (222, 41535),

Gene: Rey_63 Start: 41702, Stop: 42604, Start Num: 45
Candidate Starts for Rey_63:
(Start: 45 @41702 has 6 MA's), (Start: 51 @41744 has 16 MA's), (55, 41774), (Start: 67 @41858 has 5 MA's), (69, 41867), (117, 42152), (121, 42170), (123, 42176), (140, 42251), (141, 42260), (149, 42299), (184, 42452), (196, 42503), (217, 42575),

Gene: Rimmer_68 Start: 44401, Stop: 45369, Start Num: 23
Candidate Starts for Rimmer_68:
(Start: 23 @44401 has 137 MA's), (Start: 31 @44440 has 107 MA's), (Start: 35 @44446 has 2 MA's), (44, 44470), (47, 44488), (Start: 65 @44620 has 1 MA's), (69, 44635), (Start: 70 @44638 has 20 MA's), (Start: 71 @44641 has 3 MA's), (82, 44758), (85, 44776), (131, 44989), (177, 45205), (180, 45217), (182, 45223), (192, 45259), (205, 45307), (220, 45355),

Gene: RiverMonster_67 Start: 44229, Stop: 45197, Start Num: 23
Candidate Starts for RiverMonster_67:

(Start: 23 @44229 has 137 MA's), (Start: 31 @44268 has 107 MA's), (Start: 35 @44274 has 2 MA's), (44, 44298), (47, 44316), (Start: 65 @44448 has 1 MA's), (69, 44463), (Start: 70 @44466 has 20 MA's), (Start: 71 @44469 has 3 MA's), (82, 44586), (85, 44604), (131, 44817), (177, 45033), (180, 45045), (182, 45051), (192, 45087), (205, 45135), (220, 45183),

Gene: Ronaldo_86 Start: 44517, Stop: 45287, Start Num: 57
Candidate Starts for Ronaldo_86:
(Start: 57 @44517 has 6 MA's), (64, 44562), (69, 44583), (76, 44622), (77, 44625), (84, 44706), (97, 44796), (100, 44808), (105, 44817), (118, 44877), (129, 44910), (131, 44922), (146, 44988), (148, 44994), (175, 45132), (176, 45135), (190, 45186),

Gene: Rose5_59 Start: 41782, Stop: 42714, Start Num: 34
Candidate Starts for Rose5_59:
(Start: 34 @41782 has 49 MA's), (Start: 71 @41980 has 3 MA's), (117, 42277), (118, 42283), (124, 42304), (129, 42316), (131, 42328), (133, 42334), (145, 42382), (147, 42388), (155, 42433), (156, 42439), (158, 42451), (175, 42538), (176, 42541), (177, 42544), (181, 42559), (195, 42610), (205, 42646), (218, 42688),

Gene: RoseMarie_61 Start: 42948, Stop: 43808, Start Num: 51
Candidate Starts for RoseMarie_61:
(Start: 51 @42948 has 16 MA's), (Start: 67 @43062 has 5 MA's), (109, 43320), (117, 43356), (121, 43374), (123, 43380), (125, 43386), (141, 43464), (149, 43503), (150, 43509), (152, 43521), (159, 43560), (160, 43563), (184, 43656), (200, 43716), (222, 43797), (223, 43800),

Gene: Rossetti_62 Start: 44078, Stop: 45010, Start Num: 34
Candidate Starts for Rossetti_62:
(Start: 34 @44078 has 49 MA's), (Start: 71 @44276 has 3 MA's), (117, 44573), (129, 44612), (131, 44624), (148, 44687), (155, 44729), (156, 44735), (175, 44834), (176, 44837), (181, 44855), (195, 44906), (205, 44942), (218, 44984),

Gene: Rumpelstiltskin_60 Start: 42925, Stop: 43857, Start Num: 34
Candidate Starts for Rumpelstiltskin_60:
(Start: 34 @42925 has 49 MA's), (Start: 71 @43123 has 3 MA's), (117, 43420), (129, 43459), (131, 43471), (133, 43477), (148, 43534), (155, 43576), (156, 43582), (175, 43681), (176, 43684), (181, 43702), (190, 43735), (192, 43741), (195, 43753), (205, 43789), (218, 43831),

Gene: Rusticus_32 Start: 23884, Stop: 24861, Start Num: 31
Candidate Starts for Rusticus_32:
(16, 23743), (Start: 31 @23884 has 107 MA's), (Start: 38 @23899 has 3 MA's), (61, 24052), (Start: 65 @24070 has 1 MA's), (66, 24073), (68, 24079), (74, 24115), (106, 24301), (107, 24304), (108, 24313), (119, 24361), (126, 24379), (146, 24478), (150, 24499), (151, 24505), (190, 24688), (194, 24706), (214, 24778), (221, 24802), (222, 24805), (225, 24823),

Gene: Saftant_32 Start: 25497, Stop: 26465, Start Num: 31
Candidate Starts for Saftant_32:
(Start: 31 @25497 has 107 MA's), (Start: 38 @25512 has 3 MA's), (47, 25548), (53, 25581), (Start: 65 @25680 has 1 MA's), (66, 25683), (68, 25689), (99, 25896), (106, 25911), (107, 25914), (108, 25923), (111, 25938), (119, 25971), (120, 25974), (150, 26109), (162, 26169), (170, 26211), (183, 26262), (201, 26328), (221, 26403), (225, 26415), (231, 26460),

Gene: Saints25_66 Start: 43639, Stop: 44607, Start Num: 23
Candidate Starts for Saints25_66:

(Start: 23 @43639 has 137 MA's), (Start: 31 @43678 has 107 MA's), (Start: 35 @43684 has 2 MA's), (44, 43708), (47, 43726), (Start: 65 @43858 has 1 MA's), (69, 43873), (Start: 70 @43876 has 20 MA's), (Start: 71 @43879 has 3 MA's), (82, 43996), (85, 44014), (131, 44227), (177, 44443), (180, 44455), (182, 44461), (192, 44497), (205, 44545), (220, 44593),

Gene: Samty_61 Start: 44022, Stop: 44759, Start Num: 70
Candidate Starts for Samty_61:
(Start: 70 @44022 has 20 MA's), (Start: 71 @44025 has 3 MA's), (131, 44373), (142, 44409), (145, 44427), (147, 44433), (156, 44484), (158, 44496), (163, 44517), (176, 44586), (177, 44589), (181, 44604), (190, 44637), (192, 44643), (193, 44649), (205, 44691), (218, 44733), (220, 44739),

Gene: SarahRose_30 Start: 23770, Stop: 24738, Start Num: 31
Candidate Starts for SarahRose_30:
(19, 23674), (24, 23728), (Start: 31 @23770 has 107 MA's), (52, 23854), (61, 23938), (Start: 65 @23956 has 1 MA's), (92, 24133), (103, 24178), (106, 24187), (108, 24199), (109, 24202), (113, 24223), (146, 24364), (150, 24385), (151, 24391), (159, 24436), (179, 24532), (190, 24574), (194, 24592), (214, 24664), (221, 24688), (222, 24691), (225, 24700), (227, 24724),

Gene: Sarshaun_61 Start: 43592, Stop: 44524, Start Num: 34
Candidate Starts for Sarshaun_61:
(Start: 34 @43592 has 49 MA's), (Start: 71 @43790 has 3 MA's), (117, 44087), (129, 44126), (131, 44138), (133, 44144), (148, 44201), (155, 44243), (156, 44249), (175, 44348), (176, 44351), (181, 44369), (190, 44402), (192, 44408), (195, 44420), (205, 44456), (218, 44498),

Gene: Sassay_62 Start: 42326, Stop: 43294, Start Num: 23
Candidate Starts for Sassay_62:
(Start: 23 @42326 has 137 MA's), (Start: 31 @42365 has 107 MA's), (Start: 35 @42371 has 2 MA's), (44, 42395), (47, 42413), (Start: 65 @42545 has 1 MA's), (69, 42560), (Start: 70 @42563 has 20 MA's), (Start: 71 @42566 has 3 MA's), (82, 42683), (85, 42701), (131, 42914), (177, 43130), (180, 43142), (182, 43148), (192, 43184), (205, 43232), (220, 43280),

Gene: Schmidt_40 Start: 28005, Stop: 28883, Start Num: 33
Candidate Starts for Schmidt_40:
(Start: 33 @28005 has 22 MA's), (39, 28020), (Start: 58 @28146 has 2 MA's), (Start: 67 @28191 has 5 MA's), (68, 28194), (69, 28200), (Start: 70 @28203 has 20 MA's), (77, 28242), (79, 28284), (82, 28296), (92, 28374), (110, 28446), (113, 28461), (120, 28488), (122, 28497), (130, 28515), (156, 28605), (158, 28617), (163, 28638), (178, 28716), (180, 28722), (215, 28845), (224, 28875),

Gene: Sephiroth_57 Start: 39214, Stop: 40146, Start Num: 37
Candidate Starts for Sephiroth_57:
(Start: 35 @39211 has 2 MA's), (Start: 37 @39214 has 8 MA's), (56, 39331), (Start: 58 @39352 has 2 MA's), (60, 39370), (69, 39406), (Start: 70 @39409 has 20 MA's), (79, 39517), (97, 39634), (100, 39646), (112, 39688), (117, 39709), (122, 39730), (130, 39757), (133, 39766), (136, 39781), (139, 39790), (143, 39817), (153, 39868), (155, 39877), (156, 39883), (166, 39940), (172, 39964), (173, 39976), (175, 39982), (176, 39985), (177, 39988), (189, 40033), (195, 40054), (218, 40132), (219, 40135),

Gene: ShamWow_67 Start: 44548, Stop: 45516, Start Num: 23
Candidate Starts for ShamWow_67:
(Start: 23 @44548 has 137 MA's), (Start: 31 @44587 has 107 MA's), (Start: 35 @44593 has 2 MA's), (44, 44617), (47, 44635), (Start: 65 @44767 has 1 MA's), (69, 44782), (Start: 70 @44785 has 20 MA's), (Start: 71 @44788 has 3 MA's), (82, 44905), (85, 44923), (131, 45136), (177, 45352), (180, 45364), (182, 45370), (192, 45406), (205, 45454), (220, 45502),

Gene: Sheng711_59 Start: 42200, Stop: 43132, Start Num: 34
Candidate Starts for Sheng711_59:
(Start: 34 @42200 has 49 MA's), (Start: 71 @42398 has 3 MA's), (110, 42665), (117, 42695), (118, 42701), (122, 42716), (131, 42746), (133, 42752), (147, 42806), (148, 42809), (155, 42851), (156, 42857), (158, 42869), (176, 42959), (181, 42977), (190, 43010), (192, 43016), (195, 43028), (205, 43064), (218, 43106),

Gene: ShereKhan_66 Start: 44617, Stop: 45585, Start Num: 23
Candidate Starts for ShereKhan_66:
(Start: 23 @44617 has 137 MA's), (Start: 31 @44656 has 107 MA's), (Start: 35 @44662 has 2 MA's), (44, 44686), (47, 44704), (Start: 65 @44836 has 1 MA's), (69, 44851), (Start: 70 @44854 has 20 MA's), (Start: 71 @44857 has 3 MA's), (82, 44974), (85, 44992), (131, 45205), (177, 45421), (180, 45433), (182, 45439), (192, 45475), (205, 45523), (220, 45571),

Gene: Silverleaf_59 Start: 41517, Stop: 42449, Start Num: 34
Candidate Starts for Silverleaf_59:
(Start: 34 @41517 has 49 MA's), (Start: 71 @41715 has 3 MA's), (117, 42012), (118, 42018), (124, 42039), (129, 42051), (131, 42063), (133, 42069), (145, 42117), (147, 42123), (155, 42168), (156, 42174), (158, 42186), (176, 42276), (177, 42279), (181, 42294), (195, 42345), (205, 42381), (218, 42423),

Gene: Simpliphy_66 Start: 43629, Stop: 44597, Start Num: 23
Candidate Starts for Simpliphy_66:
(Start: 23 @43629 has 137 MA's), (Start: 31 @43668 has 107 MA's), (Start: 35 @43674 has 2 MA's), (44, 43698), (47, 43716), (Start: 65 @43848 has 1 MA's), (69, 43863), (Start: 70 @43866 has 20 MA's), (Start: 71 @43869 has 3 MA's), (82, 43986), (85, 44004), (131, 44217), (177, 44433), (180, 44445), (182, 44451), (192, 44487), (205, 44535), (220, 44583),

Gene: SirDuracell_66 Start: 42900, Stop: 43868, Start Num: 23
Candidate Starts for SirDuracell_66:
(Start: 23 @42900 has 137 MA's), (Start: 31 @42939 has 107 MA's), (Start: 35 @42945 has 2 MA's), (44, 42969), (47, 42987), (Start: 65 @43119 has 1 MA's), (69, 43134), (Start: 70 @43137 has 20 MA's), (Start: 71 @43140 has 3 MA's), (82, 43257), (85, 43275), (131, 43488), (177, 43704), (180, 43716), (182, 43722), (192, 43758), (205, 43806), (220, 43854),

Gene: Skinny_58 Start: 39921, Stop: 40781, Start Num: 51
Candidate Starts for Skinny_58:
(Start: 51 @39921 has 16 MA's), (Start: 67 @40035 has 5 MA's), (109, 40293), (117, 40329), (121, 40347), (123, 40353), (125, 40359), (127, 40380), (141, 40437), (149, 40476), (150, 40482), (159, 40533), (184, 40629), (196, 40680), (202, 40695), (222, 40770), (223, 40773),

Gene: SlimJimmy_55 Start: 39476, Stop: 40336, Start Num: 51
Candidate Starts for SlimJimmy_55:
(Start: 51 @39476 has 16 MA's), (Start: 67 @39590 has 5 MA's), (109, 39848), (117, 39884), (121, 39902), (123, 39908), (125, 39914), (127, 39935), (141, 39992), (149, 40031), (150, 40037), (159, 40088), (184, 40184), (196, 40235), (202, 40250), (222, 40325), (223, 40328),

Gene: Snenia_60 Start: 44015, Stop: 44752, Start Num: 70
Candidate Starts for Snenia_60:
(Start: 70 @44015 has 20 MA's), (Start: 71 @44018 has 3 MA's), (131, 44366), (142, 44402), (145, 44420), (147, 44426), (156, 44477), (158, 44489), (163, 44510), (176, 44579), (177, 44582), (181, 44597), (190, 44630), (192, 44636), (193, 44642), (205, 44684), (218, 44726), (220, 44732),

Gene: Snorlax_30 Start: 23773, Stop: 24741, Start Num: 31
Candidate Starts for Snorlax_30:
(19, 23677), (24, 23731), (Start: 31 @23773 has 107 MA's), (43, 23809), (61, 23941), (Start: 65 @23959 has 1 MA's), (68, 23968), (92, 24136), (103, 24181), (106, 24190), (108, 24202), (109, 24205), (113, 24226), (146, 24367), (150, 24388), (151, 24394), (159, 24439), (179, 24535), (190, 24577), (194, 24595), (214, 24667), (221, 24691), (222, 24694), (225, 24703), (227, 24727),

Gene: SoJulia_63 Start: 43761, Stop: 44693, Start Num: 34
Candidate Starts for SoJulia_63:
(Start: 34 @43761 has 49 MA's), (Start: 71 @43959 has 3 MA's), (117, 44256), (129, 44295), (131, 44307), (133, 44313), (148, 44370), (155, 44412), (156, 44418), (175, 44517), (176, 44520), (181, 44538), (190, 44571), (192, 44577), (195, 44589), (205, 44625), (218, 44667),

Gene: Soap141_61 Start: 43790, Stop: 44524, Start Num: 71
Candidate Starts for Soap141_61:
(Start: 34 @43592 has 49 MA's), (Start: 71 @43790 has 3 MA's), (117, 44087), (129, 44126), (131, 44138), (133, 44144), (148, 44201), (155, 44243), (156, 44249), (175, 44348), (176, 44351), (181, 44369), (190, 44402), (192, 44408), (195, 44420), (205, 44456), (218, 44498),

Gene: SophKB_64 Start: 43304, Stop: 44272, Start Num: 23
Candidate Starts for SophKB_64:
(Start: 23 @43304 has 137 MA's), (Start: 31 @43343 has 107 MA's), (Start: 35 @43349 has 2 MA's), (44, 43373), (47, 43391), (Start: 65 @43523 has 1 MA's), (69, 43538), (Start: 70 @43541 has 20 MA's), (Start: 71 @43544 has 3 MA's), (82, 43661), (85, 43679), (131, 43892), (177, 44108), (180, 44120), (182, 44126), (192, 44162), (205, 44210), (220, 44258),

Gene: Sotrice96_68 Start: 44307, Stop: 45275, Start Num: 23
Candidate Starts for Sotrice96_68:
(Start: 23 @44307 has 137 MA's), (Start: 31 @44346 has 107 MA's), (Start: 35 @44352 has 2 MA's), (44, 44376), (47, 44394), (Start: 65 @44526 has 1 MA's), (69, 44541), (Start: 70 @44544 has 20 MA's), (Start: 71 @44547 has 3 MA's), (82, 44664), (85, 44682), (131, 44895), (177, 45111), (180, 45123), (182, 45129), (192, 45165), (205, 45213), (220, 45261),

Gene: South40_31 Start: 24057, Stop: 25028, Start Num: 31
Candidate Starts for South40_31:
(20, 23976), (Start: 31 @24057 has 107 MA's), (54, 24153), (61, 24225), (Start: 65 @24243 has 1 MA's), (68, 24252), (103, 24465), (106, 24474), (107, 24477), (108, 24486), (113, 24510), (146, 24651), (150, 24672), (151, 24678), (159, 24723), (179, 24819), (190, 24861), (194, 24879), (214, 24951), (221, 24975), (222, 24978), (225, 24990), (227, 25014),

Gene: Speedwell_37 Start: 26819, Stop: 27787, Start Num: 31
Candidate Starts for Speedwell_37:
(Start: 31 @26819 has 107 MA's), (Start: 38 @26834 has 3 MA's), (53, 26903), (Start: 65 @27002 has 1 MA's), (66, 27005), (68, 27011), (99, 27218), (106, 27233), (107, 27236), (108, 27245), (111, 27260), (119, 27293), (120, 27296), (126, 27311), (150, 27431), (162, 27491), (170, 27533), (183, 27584), (201, 27650), (221, 27725), (225, 27737), (228, 27776), (231, 27782),

Gene: SqueakyClean_31 Start: 24658, Stop: 25632, Start Num: 31
Candidate Starts for SqueakyClean_31:
(8, 24385), (12, 24487), (21, 24580), (Start: 31 @24658 has 107 MA's), (Start: 65 @24847 has 1 MA's), (68, 24856), (73, 24883), (79, 24934), (81, 24943), (83, 24955), (106, 25078), (108, 25090), (109, 25093), (150, 25276), (154, 25294), (162, 25336), (183, 25429), (201, 25495), (221, 25570), (225,

25582), (231, 25627),

Gene: Stank_70 Start: 44562, Stop: 45530, Start Num: 23
Candidate Starts for Stank_70:
(Start: 23 @44562 has 137 MA's), (Start: 31 @44601 has 107 MA's), (Start: 35 @44607 has 2 MA's), (44, 44631), (47, 44649), (Start: 65 @44781 has 1 MA's), (69, 44796), (Start: 70 @44799 has 20 MA's), (Start: 71 @44802 has 3 MA's), (82, 44919), (85, 44937), (131, 45150), (177, 45366), (180, 45378), (182, 45384), (192, 45420), (205, 45468), (220, 45516),

Gene: Stark_68 Start: 44112, Stop: 45080, Start Num: 23
Candidate Starts for Stark_68:
(Start: 23 @44112 has 137 MA's), (Start: 31 @44151 has 107 MA's), (Start: 35 @44157 has 2 MA's), (44, 44181), (47, 44199), (Start: 65 @44331 has 1 MA's), (69, 44346), (Start: 70 @44349 has 20 MA's), (Start: 71 @44352 has 3 MA's), (82, 44469), (85, 44487), (131, 44700), (177, 44916), (180, 44928), (182, 44934), (192, 44970), (205, 45018), (220, 45066),

Gene: StellaBean_65 Start: 43872, Stop: 44840, Start Num: 23
Candidate Starts for StellaBean_65:
(Start: 23 @43872 has 137 MA's), (Start: 31 @43911 has 107 MA's), (Start: 35 @43917 has 2 MA's), (44, 43941), (47, 43959), (Start: 65 @44091 has 1 MA's), (69, 44106), (Start: 70 @44109 has 20 MA's), (Start: 71 @44112 has 3 MA's), (82, 44229), (85, 44247), (131, 44460), (177, 44676), (180, 44688), (182, 44694), (192, 44730), (205, 44778), (220, 44826),

Gene: StolenFromERC_70 Start: 44344, Stop: 45312, Start Num: 23
Candidate Starts for StolenFromERC_70:
(Start: 23 @44344 has 137 MA's), (Start: 31 @44383 has 107 MA's), (Start: 35 @44389 has 2 MA's), (44, 44413), (47, 44431), (Start: 65 @44563 has 1 MA's), (69, 44578), (Start: 70 @44581 has 20 MA's), (Start: 71 @44584 has 3 MA's), (82, 44701), (85, 44719), (131, 44932), (177, 45148), (180, 45160), (182, 45166), (192, 45202), (205, 45250), (220, 45298),

Gene: StormChicken_69 Start: 45008, Stop: 45976, Start Num: 23
Candidate Starts for StormChicken_69:
(Start: 23 @45008 has 137 MA's), (Start: 31 @45047 has 107 MA's), (Start: 35 @45053 has 2 MA's), (44, 45077), (47, 45095), (Start: 65 @45227 has 1 MA's), (69, 45242), (Start: 70 @45245 has 20 MA's), (Start: 71 @45248 has 3 MA's), (82, 45365), (85, 45383), (131, 45596), (177, 45812), (180, 45824), (182, 45830), (192, 45866), (205, 45914), (220, 45962),

Gene: Sudan_32 Start: 25378, Stop: 26346, Start Num: 31
Candidate Starts for Sudan_32:
(Start: 31 @25378 has 107 MA's), (Start: 38 @25393 has 3 MA's), (47, 25429), (53, 25462), (Start: 65 @25561 has 1 MA's), (72, 25594), (74, 25606), (84, 25672), (92, 25738), (106, 25792), (107, 25795), (108, 25804), (126, 25870), (150, 25990), (162, 26050), (170, 26092), (183, 26143), (201, 26209), (221, 26284), (225, 26296), (231, 26341),

Gene: Sujidade_32 Start: 24604, Stop: 25575, Start Num: 31
Candidate Starts for Sujidade_32:
(Start: 31 @24604 has 107 MA's), (61, 24772), (Start: 65 @24790 has 1 MA's), (68, 24799), (92, 24967), (106, 25021), (107, 25024), (108, 25033), (109, 25036), (113, 25057), (119, 25081), (150, 25219), (151, 25225), (159, 25270), (179, 25366), (190, 25408), (194, 25426), (214, 25498), (221, 25522), (225, 25537), (227, 25561),

Gene: SunkenRoot_32 Start: 26015, Stop: 26983, Start Num: 31
Candidate Starts for SunkenRoot_32:

(Start: 31 @26015 has 107 MA's), (Start: 38 @26030 has 3 MA's), (53, 26099), (Start: 65 @26198 has 1 MA's), (66, 26201), (99, 26414), (106, 26429), (107, 26432), (108, 26441), (111, 26456), (119, 26489), (120, 26492), (126, 26507), (150, 26627), (162, 26687), (170, 26729), (183, 26780), (201, 26846), (221, 26921), (225, 26933), (231, 26978),

Gene: SunsetPointe_31 Start: 23517, Stop: 24494, Start Num: 31
Candidate Starts for SunsetPointe_31:
(3, 23115), (5, 23145), (16, 23376), (Start: 31 @23517 has 107 MA's), (61, 23685), (Start: 65 @23703 has 1 MA's), (66, 23706), (Start: 67 @23709 has 5 MA's), (68, 23712), (106, 23934), (107, 23937), (108, 23946), (119, 23994), (126, 24012), (146, 24111), (150, 24132), (151, 24138), (179, 24279), (190, 24321), (194, 24339), (214, 24411), (221, 24435), (222, 24438), (225, 24456),

Gene: Superstar_35 Start: 25700, Stop: 26641, Start Num: 31
Candidate Starts for Superstar_35:
(Start: 31 @25700 has 107 MA's), (46, 25751), (60, 25868), (Start: 65 @25889 has 1 MA's), (66, 25892), (Start: 67 @25895 has 5 MA's), (72, 25922), (81, 25985), (89, 26045), (106, 26120), (108, 26132), (109, 26135), (111, 26147), (120, 26183), (126, 26198), (150, 26318), (154, 26336), (162, 26378), (183, 26471), (188, 26495), (190, 26501), (194, 26519), (197, 26528), (221, 26612), (225, 26624),

Gene: Syleon_59 Start: 39155, Stop: 40087, Start Num: 37
Candidate Starts for Syleon_59:
(Start: 35 @39152 has 2 MA's), (Start: 37 @39155 has 8 MA's), (56, 39272), (Start: 58 @39293 has 2 MA's), (60, 39311), (69, 39347), (Start: 70 @39350 has 20 MA's), (79, 39458), (97, 39575), (100, 39587), (112, 39629), (117, 39650), (122, 39671), (130, 39698), (133, 39707), (136, 39722), (139, 39731), (143, 39758), (153, 39809), (155, 39818), (156, 39824), (166, 39881), (168, 39893), (172, 39905), (173, 39917), (175, 39923), (176, 39926), (177, 39929), (189, 39974), (195, 39995), (218, 40073), (219, 40076),

Gene: TBrady12_70 Start: 44046, Stop: 45014, Start Num: 23
Candidate Starts for TBrady12_70:
(Start: 23 @44046 has 137 MA's), (Start: 31 @44085 has 107 MA's), (Start: 35 @44091 has 2 MA's), (44, 44115), (47, 44133), (Start: 65 @44265 has 1 MA's), (69, 44280), (Start: 70 @44283 has 20 MA's), (Start: 71 @44286 has 3 MA's), (82, 44403), (85, 44421), (131, 44634), (177, 44850), (180, 44862), (182, 44868), (192, 44904), (205, 44952), (220, 45000),

Gene: TagePhighter_31 Start: 23773, Stop: 24741, Start Num: 31
Candidate Starts for TagePhighter_31:
(19, 23677), (24, 23731), (Start: 31 @23773 has 107 MA's), (43, 23809), (61, 23941), (Start: 65 @23959 has 1 MA's), (68, 23968), (92, 24136), (103, 24181), (106, 24190), (108, 24202), (109, 24205), (113, 24226), (146, 24367), (150, 24388), (151, 24394), (159, 24439), (179, 24535), (190, 24577), (194, 24595), (214, 24667), (221, 24691), (222, 24694), (225, 24703), (227, 24727),

Gene: Tarkin_66 Start: 44294, Stop: 45262, Start Num: 23
Candidate Starts for Tarkin_66:
(Start: 23 @44294 has 137 MA's), (Start: 31 @44333 has 107 MA's), (Start: 35 @44339 has 2 MA's), (44, 44363), (47, 44381), (Start: 65 @44513 has 1 MA's), (69, 44528), (Start: 70 @44531 has 20 MA's), (Start: 71 @44534 has 3 MA's), (82, 44651), (85, 44669), (131, 44882), (177, 45098), (180, 45110), (182, 45116), (192, 45152), (205, 45200), (220, 45248),

Gene: TeamEdward_69 Start: 45002, Stop: 45970, Start Num: 23
Candidate Starts for TeamEdward_69:

(Start: 23 @45002 has 137 MA's), (Start: 31 @45041 has 107 MA's), (Start: 35 @45047 has 2 MA's), (44, 45071), (47, 45089), (Start: 65 @45221 has 1 MA's), (69, 45236), (Start: 70 @45239 has 20 MA's), (Start: 71 @45242 has 3 MA's), (82, 45359), (85, 45377), (131, 45590), (177, 45806), (180, 45818), (182, 45824), (192, 45860), (205, 45908), (220, 45956),

Gene: TeardropMSU_63 Start: 43294, Stop: 44262, Start Num: 23
Candidate Starts for TeardropMSU_63:
(Start: 23 @43294 has 137 MA's), (Start: 31 @43333 has 107 MA's), (Start: 35 @43339 has 2 MA's), (44, 43363), (47, 43381), (Start: 65 @43513 has 1 MA's), (69, 43528), (Start: 70 @43531 has 20 MA's), (Start: 71 @43534 has 3 MA's), (82, 43651), (85, 43669), (131, 43882), (177, 44098), (180, 44110), (182, 44116), (192, 44152), (205, 44200), (220, 44248),

Gene: Teaspoon_68 Start: 44188, Stop: 45156, Start Num: 23
Candidate Starts for Teaspoon_68:
(Start: 23 @44188 has 137 MA's), (Start: 31 @44227 has 107 MA's), (Start: 35 @44233 has 2 MA's), (44, 44257), (47, 44275), (Start: 65 @44407 has 1 MA's), (69, 44422), (Start: 70 @44425 has 20 MA's), (Start: 71 @44428 has 3 MA's), (82, 44545), (85, 44563), (131, 44776), (177, 44992), (180, 45004), (182, 45010), (192, 45046), (205, 45094), (220, 45142),

Gene: Tefunt_31 Start: 24261, Stop: 25223, Start Num: 31
Candidate Starts for Tefunt_31:
(24, 24219), (Start: 31 @24261 has 107 MA's), (Start: 38 @24276 has 3 MA's), (106, 24678), (108, 24690), (109, 24693), (113, 24714), (120, 24741), (126, 24756), (150, 24876), (154, 24894), (157, 24909), (162, 24936), (183, 25029), (225, 25182),

Gene: Terminus_70 Start: 45081, Stop: 46049, Start Num: 23
Candidate Starts for Terminus_70:
(Start: 23 @45081 has 137 MA's), (Start: 31 @45120 has 107 MA's), (Start: 35 @45126 has 2 MA's), (44, 45150), (47, 45168), (Start: 65 @45300 has 1 MA's), (69, 45315), (Start: 70 @45318 has 20 MA's), (Start: 71 @45321 has 3 MA's), (82, 45438), (85, 45456), (131, 45669), (177, 45885), (180, 45897), (182, 45903), (192, 45939), (205, 45987), (220, 46035),

Gene: Tesla_63 Start: 36494, Stop: 37447, Start Num: 33
Candidate Starts for Tesla_63:
(Start: 33 @36494 has 22 MA's), (Start: 70 @36692 has 20 MA's), (81, 36785), (87, 36833), (91, 36863), (102, 36914), (110, 36947), (119, 36986), (140, 37076), (145, 37109), (146, 37112), (155, 37160), (158, 37178), (163, 37199), (175, 37265), (178, 37277), (207, 37385),

Gene: Thestral_32 Start: 24724, Stop: 25698, Start Num: 31
Candidate Starts for Thestral_32:
(Start: 31 @24724 has 107 MA's), (69, 24931), (89, 25072), (92, 25093), (106, 25147), (108, 25159), (109, 25162), (111, 25174), (113, 25183), (120, 25210), (150, 25345), (154, 25363), (162, 25405), (190, 25528), (194, 25546), (197, 25555), (206, 25588), (211, 25609), (221, 25639), (225, 25651), (230, 25693),

Gene: Thimble_68 Start: 43526, Stop: 44494, Start Num: 23
Candidate Starts for Thimble_68:
(Start: 23 @43526 has 137 MA's), (Start: 31 @43565 has 107 MA's), (Start: 35 @43571 has 2 MA's), (44, 43595), (47, 43613), (Start: 65 @43745 has 1 MA's), (69, 43760), (Start: 70 @43763 has 20 MA's), (Start: 71 @43766 has 3 MA's), (82, 43883), (85, 43901), (131, 44114), (177, 44330), (180, 44342), (182, 44348), (192, 44384), (205, 44432), (220, 44480),

Gene: Thresher_69 Start: 45171, Stop: 46139, Start Num: 23

Candidate Starts for Thresher_69:
(Start: 23 @45171 has 137 MA's), (Start: 31 @45210 has 107 MA's), (Start: 35 @45216 has 2 MA's), (44, 45240), (47, 45258), (Start: 65 @45390 has 1 MA's), (69, 45405), (Start: 70 @45408 has 20 MA's), (Start: 71 @45411 has 3 MA's), (82, 45528), (85, 45546), (131, 45759), (177, 45975), (180, 45987), (182, 45993), (192, 46029), (205, 46077), (220, 46125),

Gene: TinaBelcher_31 Start: 24671, Stop: 25645, Start Num: 31
Candidate Starts for TinaBelcher_31:
(Start: 31 @24671 has 107 MA's), (69, 24878), (92, 25040), (106, 25094), (108, 25106), (109, 25109), (111, 25121), (113, 25130), (120, 25157), (150, 25292), (154, 25310), (162, 25352), (183, 25445), (190, 25475), (194, 25493), (197, 25502), (206, 25535), (211, 25556), (221, 25586), (225, 25598), (230, 25640),

Gene: Toma_31 Start: 24321, Stop: 25292, Start Num: 31
Candidate Starts for Toma_31:
(Start: 31 @24321 has 107 MA's), (61, 24489), (Start: 65 @24507 has 1 MA's), (66, 24510), (68, 24516), (74, 24552), (92, 24684), (106, 24738), (107, 24741), (108, 24750), (109, 24753), (113, 24774), (119, 24798), (150, 24936), (151, 24942), (159, 24987), (179, 25083), (190, 25125), (194, 25143), (214, 25215), (221, 25239), (225, 25254), (227, 25278),

Gene: Tomaszewski_62 Start: 43460, Stop: 44428, Start Num: 23
Candidate Starts for Tomaszewski_62:
(Start: 23 @43460 has 137 MA's), (Start: 31 @43499 has 107 MA's), (Start: 35 @43505 has 2 MA's), (44, 43529), (47, 43547), (Start: 65 @43679 has 1 MA's), (69, 43694), (Start: 70 @43697 has 20 MA's), (Start: 71 @43700 has 3 MA's), (82, 43817), (85, 43835), (131, 44048), (177, 44264), (180, 44276), (182, 44282), (192, 44318), (205, 44366), (220, 44414),

Gene: Toto_65 Start: 44548, Stop: 45516, Start Num: 23
Candidate Starts for Toto_65:
(Start: 23 @44548 has 137 MA's), (Start: 31 @44587 has 107 MA's), (Start: 35 @44593 has 2 MA's), (44, 44617), (47, 44635), (Start: 65 @44767 has 1 MA's), (69, 44782), (Start: 70 @44785 has 20 MA's), (Start: 71 @44788 has 3 MA's), (82, 44905), (85, 44923), (131, 45136), (177, 45352), (180, 45364), (182, 45370), (192, 45406), (205, 45454), (220, 45502),

Gene: Tourach_60 Start: 43581, Stop: 44513, Start Num: 34
Candidate Starts for Tourach_60:
(Start: 34 @43581 has 49 MA's), (Start: 71 @43779 has 3 MA's), (117, 44076), (129, 44115), (131, 44127), (148, 44190), (155, 44232), (156, 44238), (175, 44337), (176, 44340), (181, 44358), (195, 44409), (199, 44421), (205, 44445), (218, 44487),

Gene: TpudiCK_58 Start: 39491, Stop: 40351, Start Num: 51
Candidate Starts for TpudiCK_58:
(Start: 51 @39491 has 16 MA's), (Start: 67 @39605 has 5 MA's), (109, 39863), (117, 39899), (121, 39917), (123, 39923), (125, 39929), (127, 39950), (141, 40007), (149, 40046), (150, 40052), (159, 40103), (184, 40199), (196, 40250), (202, 40265), (222, 40340), (223, 40343),

Gene: Traaww1_63 Start: 43729, Stop: 44697, Start Num: 23
Candidate Starts for Traaww1_63:
(Start: 23 @43729 has 137 MA's), (Start: 31 @43768 has 107 MA's), (Start: 35 @43774 has 2 MA's), (44, 43798), (47, 43816), (Start: 65 @43948 has 1 MA's), (69, 43963), (Start: 70 @43966 has 20 MA's), (Start: 71 @43969 has 3 MA's), (82, 44086), (85, 44104), (131, 44317), (177, 44533), (180, 44545), (182, 44551), (192, 44587), (205, 44635), (220, 44683),

Gene: Trax_57 Start: 39086, Stop: 39961, Start Num: 37
Candidate Starts for Trax_57:
(Start: 37 @39086 has 8 MA's), (56, 39194), (61, 39236), (Start: 70 @39272 has 20 MA's), (97, 39497), (103, 39512), (112, 39551), (117, 39572), (133, 39629), (136, 39644), (149, 39659), (155, 39692), (163, 39731), (164, 39734), (172, 39779), (173, 39791), (175, 39797), (176, 39800), (177, 39803), (192, 39857), (193, 39863), (195, 39869), (203, 39896), (205, 39905),

Gene: TriFive_62 Start: 44014, Stop: 44751, Start Num: 70
Candidate Starts for TriFive_62:
(Start: 70 @44014 has 20 MA's), (Start: 71 @44017 has 3 MA's), (131, 44365), (142, 44401), (145, 44419), (147, 44425), (156, 44476), (158, 44488), (163, 44509), (176, 44578), (177, 44581), (181, 44596), (190, 44629), (192, 44635), (193, 44641), (205, 44683), (218, 44725), (220, 44731),

Gene: Trine_30 Start: 24580, Stop: 23426, Start Num: 27
Candidate Starts for Trine_30:
(Start: 27 @24580 has 2 MA's), (29, 24574), (63, 24382), (81, 24229), (92, 24148), (93, 24133), (110, 24073), (116, 24046), (122, 24022), (131, 23986), (138, 23959), (169, 23818), (175, 23791), (176, 23788), (186, 23746), (205, 23683), (214, 23650), (233, 23521),

Gene: Triste_30 Start: 23761, Stop: 24729, Start Num: 31
Candidate Starts for Triste_30:
(19, 23665), (24, 23719), (Start: 31 @23761 has 107 MA's), (52, 23845), (61, 23929), (Start: 65 @23947 has 1 MA's), (92, 24124), (103, 24169), (106, 24178), (108, 24190), (109, 24193), (113, 24214), (146, 24355), (150, 24376), (151, 24382), (159, 24427), (179, 24523), (190, 24565), (194, 24583), (214, 24655), (221, 24679), (222, 24682), (225, 24691), (227, 24715),

Gene: Triumph_33 Start: 24459, Stop: 25439, Start Num: 31
Candidate Starts for Triumph_33:
(14, 24318), (Start: 31 @24459 has 107 MA's), (61, 24627), (Start: 65 @24645 has 1 MA's), (68, 24654), (74, 24690), (84, 24756), (92, 24822), (106, 24876), (108, 24888), (109, 24891), (146, 25053), (150, 25074), (151, 25080), (179, 25221), (190, 25263), (194, 25281), (197, 25290), (214, 25353), (221, 25377), (222, 25380), (225, 25389), (231, 25434),

Gene: TrvxScott_30 Start: 24717, Stop: 25691, Start Num: 31
Candidate Starts for TrvxScott_30:
(Start: 31 @24717 has 107 MA's), (69, 24924), (92, 25086), (106, 25140), (108, 25152), (109, 25155), (111, 25167), (113, 25176), (120, 25203), (150, 25338), (154, 25356), (162, 25398), (183, 25491), (190, 25521), (194, 25539), (197, 25548), (206, 25581), (211, 25602), (221, 25632), (225, 25644), (230, 25686),

Gene: TuanPN_30 Start: 23814, Stop: 24785, Start Num: 31
Candidate Starts for TuanPN_30:
(19, 23718), (26, 23787), (Start: 31 @23814 has 107 MA's), (Start: 38 @23829 has 3 MA's), (61, 23982), (Start: 65 @24000 has 1 MA's), (66, 24003), (103, 24222), (104, 24225), (106, 24231), (108, 24243), (109, 24246), (113, 24267), (119, 24291), (137, 24369), (146, 24408), (150, 24429), (151, 24435), (159, 24480), (179, 24576), (190, 24618), (194, 24636), (214, 24708), (221, 24732), (225, 24747), (227, 24771),

Gene: Tuco_68 Start: 45056, Stop: 46024, Start Num: 23
Candidate Starts for Tuco_68:
(Start: 23 @45056 has 137 MA's), (Start: 31 @45095 has 107 MA's), (Start: 35 @45101 has 2 MA's), (44, 45125), (47, 45143), (Start: 65 @45275 has 1 MA's), (69, 45290), (Start: 70 @45293 has 20 MA's), (Start: 71 @45296 has 3 MA's), (82, 45413), (85, 45431), (131, 45644), (177, 45860), (180,

45872), (182, 45878), (192, 45914), (205, 45962), (220, 46010),

Gene: TyDawg_56 Start: 39492, Stop: 40352, Start Num: 51
Candidate Starts for TyDawg_56:
(Start: 51 @39492 has 16 MA's), (Start: 67 @39606 has 5 MA's), (109, 39864), (117, 39900), (121, 39918), (123, 39924), (125, 39930), (127, 39951), (141, 40008), (149, 40047), (150, 40053), (159, 40104), (184, 40200), (196, 40251), (202, 40266), (222, 40341), (223, 40344),

Gene: Tyson_59 Start: 41784, Stop: 42716, Start Num: 34
Candidate Starts for Tyson_59:
(Start: 34 @41784 has 49 MA's), (Start: 71 @41982 has 3 MA's), (117, 42279), (118, 42285), (124, 42306), (129, 42318), (131, 42330), (133, 42336), (145, 42384), (147, 42390), (155, 42435), (156, 42441), (158, 42453), (175, 42540), (176, 42543), (177, 42546), (181, 42561), (195, 42612), (205, 42648), (218, 42690),

Gene: UPIE_59 Start: 41776, Stop: 42708, Start Num: 34
Candidate Starts for UPIE_59:
(9, 41536), (10, 41539), (13, 41611), (25, 41749), (Start: 34 @41776 has 49 MA's), (Start: 71 @41974 has 3 MA's), (117, 42271), (124, 42298), (129, 42310), (131, 42322), (145, 42376), (147, 42382), (155, 42427), (156, 42433), (158, 42445), (175, 42532), (176, 42535), (177, 42538), (181, 42553), (190, 42586), (193, 42598), (195, 42604), (205, 42640), (215, 42673), (218, 42682),

Gene: Ukulele_62 Start: 43442, Stop: 44410, Start Num: 23
Candidate Starts for Ukulele_62:
(Start: 23 @43442 has 137 MA's), (Start: 31 @43481 has 107 MA's), (Start: 35 @43487 has 2 MA's), (44, 43511), (47, 43529), (Start: 65 @43661 has 1 MA's), (69, 43676), (Start: 70 @43679 has 20 MA's), (Start: 71 @43682 has 3 MA's), (82, 43799), (85, 43817), (131, 44030), (177, 44246), (180, 44258), (182, 44264), (192, 44300), (205, 44348), (220, 44396),

Gene: Underpass_52 Start: 38568, Stop: 39500, Start Num: 34
Candidate Starts for Underpass_52:
(Start: 34 @38568 has 49 MA's), (Start: 71 @38766 has 3 MA's), (117, 39063), (129, 39102), (131, 39114), (133, 39120), (148, 39177), (155, 39219), (156, 39225), (175, 39324), (176, 39327), (181, 39345), (190, 39378), (192, 39384), (195, 39396), (205, 39432), (218, 39474),

Gene: Unstoppable_31 Start: 23521, Stop: 24498, Start Num: 31
Candidate Starts for Unstoppable_31:
(1, 23098), (3, 23119), (5, 23149), (16, 23380), (Start: 31 @23521 has 107 MA's), (Start: 38 @23536 has 3 MA's), (61, 23689), (Start: 65 @23707 has 1 MA's), (66, 23710), (Start: 67 @23713 has 5 MA's), (68, 23716), (106, 23938), (107, 23941), (108, 23950), (119, 23998), (126, 24016), (146, 24115), (150, 24136), (151, 24142), (179, 24283), (190, 24325), (194, 24343), (214, 24415), (221, 24439), (222, 24442), (225, 24460),

Gene: Upyo_30 Start: 25191, Stop: 24034, Start Num: 27
Candidate Starts for Upyo_30:
(6, 25530), (7, 25512), (18, 25284), (Start: 27 @25191 has 2 MA's), (40, 25155), (48, 25110), (76, 24924), (81, 24834), (92, 24753), (93, 24738), (106, 24699), (110, 24678), (122, 24627), (131, 24591), (169, 24423), (175, 24396), (176, 24393), (178, 24384), (186, 24351), (205, 24288), (209, 24267), (233, 24123), (235, 24114), (237, 24093), (238, 24078),

Gene: Urza_33 Start: 24541, Stop: 25494, Start Num: 31
Candidate Starts for Urza_33:

(Start: 31 @24541 has 107 MA's), (Start: 38 @24556 has 3 MA's), (47, 24592), (Start: 71 @24745 has 3 MA's), (86, 24856), (105, 24952), (106, 24955), (108, 24967), (113, 24991), (120, 25018), (150, 25162), (159, 25213), (186, 25342),

Gene: Vanseggelen_37 Start: 25079, Stop: 26032, Start Num: 38
Candidate Starts for Vanseggelen_37:
(Start: 31 @25064 has 107 MA's), (Start: 38 @25079 has 3 MA's), (53, 25148), (Start: 65 @25247 has 1 MA's), (74, 25292), (84, 25358), (92, 25424), (106, 25478), (107, 25481), (108, 25490), (126, 25556), (150, 25676), (162, 25736), (170, 25778), (183, 25829), (201, 25895), (221, 25970), (225, 25982), (231, 26027),

Gene: VasuNzinga_65 Start: 36563, Stop: 37516, Start Num: 33
Candidate Starts for VasuNzinga_65:
(11, 36395), (Start: 33 @36563 has 22 MA's), (Start: 70 @36761 has 20 MA's), (81, 36854), (87, 36902), (91, 36932), (102, 36983), (110, 37016), (119, 37055), (140, 37145), (145, 37178), (146, 37181), (155, 37229), (158, 37247), (163, 37268), (175, 37334), (178, 37346), (207, 37454),

Gene: Verabelle_34 Start: 25483, Stop: 26436, Start Num: 38
Candidate Starts for Verabelle_34:
(Start: 31 @25468 has 107 MA's), (Start: 38 @25483 has 3 MA's), (47, 25519), (53, 25552), (Start: 65 @25651 has 1 MA's), (66, 25654), (84, 25762), (92, 25828), (99, 25867), (106, 25882), (107, 25885), (108, 25894), (118, 25939), (126, 25960), (150, 26080), (162, 26140), (170, 26182), (201, 26299), (221, 26374), (225, 26386), (231, 26431),

Gene: Verse_32 Start: 26209, Stop: 27177, Start Num: 31
Candidate Starts for Verse_32:
(Start: 31 @26209 has 107 MA's), (Start: 38 @26224 has 3 MA's), (47, 26260), (53, 26293), (Start: 65 @26392 has 1 MA's), (66, 26395), (68, 26401), (99, 26608), (106, 26623), (107, 26626), (108, 26635), (111, 26650), (119, 26683), (120, 26686), (126, 26701), (150, 26821), (162, 26881), (170, 26923), (183, 26974), (201, 27040), (221, 27115), (225, 27127), (231, 27172),

Gene: Vetrix_61 Start: 43536, Stop: 44468, Start Num: 34
Candidate Starts for Vetrix_61:
(Start: 34 @43536 has 49 MA's), (Start: 71 @43734 has 3 MA's), (117, 44031), (129, 44070), (131, 44082), (133, 44088), (148, 44145), (155, 44187), (156, 44193), (175, 44292), (176, 44295), (181, 44313), (190, 44346), (192, 44352), (195, 44364), (205, 44400), (218, 44442),

Gene: VieEnRose_33 Start: 24618, Stop: 25571, Start Num: 31
Candidate Starts for VieEnRose_33:
(Start: 31 @24618 has 107 MA's), (Start: 38 @24633 has 3 MA's), (47, 24669), (Start: 71 @24822 has 3 MA's), (86, 24933), (105, 25029), (106, 25032), (108, 25044), (113, 25068), (120, 25095), (126, 25110), (150, 25239), (159, 25290), (186, 25419),

Gene: Volt_86 Start: 44681, Stop: 45451, Start Num: 57
Candidate Starts for Volt_86:
(Start: 57 @44681 has 6 MA's), (64, 44726), (69, 44747), (76, 44786), (77, 44789), (84, 44870), (97, 44960), (100, 44972), (105, 44981), (118, 45041), (129, 45074), (131, 45086), (146, 45152), (148, 45158), (175, 45296), (176, 45299), (190, 45350),

Gene: Wamburgrxpress_59 Start: 41755, Stop: 42738, Start Num: 23
Candidate Starts for Wamburgrxpress_59:
(Start: 23 @41755 has 137 MA's), (Start: 34 @41797 has 49 MA's), (41, 41818), (Start: 71 @42004 has 3 MA's), (117, 42301), (118, 42307), (124, 42328), (129, 42340), (131, 42352), (145, 42406), (147,

42412), (155, 42457), (156, 42463), (158, 42475), (175, 42562), (176, 42565), (177, 42568), (181, 42583), (190, 42616), (193, 42628), (195, 42634), (205, 42670), (215, 42703), (218, 42712),

Gene: Werner_30 Start: 23771, Stop: 24739, Start Num: 31
Candidate Starts for Werner_30:
(19, 23675), (24, 23729), (Start: 31 @23771 has 107 MA's), (52, 23855), (61, 23939), (Start: 65 @23957 has 1 MA's), (92, 24134), (103, 24179), (106, 24188), (108, 24200), (109, 24203), (113, 24224), (146, 24365), (150, 24386), (151, 24392), (159, 24437), (179, 24533), (190, 24575), (194, 24593), (214, 24665), (221, 24689), (222, 24692), (225, 24701), (227, 24725),

Gene: Whatever_30 Start: 23771, Stop: 24739, Start Num: 31
Candidate Starts for Whatever_30:
(19, 23675), (24, 23729), (Start: 31 @23771 has 107 MA's), (52, 23855), (61, 23939), (Start: 65 @23957 has 1 MA's), (92, 24134), (103, 24179), (106, 24188), (108, 24200), (109, 24203), (113, 24224), (146, 24365), (150, 24386), (151, 24392), (159, 24437), (179, 24533), (190, 24575), (194, 24593), (214, 24665), (221, 24689), (222, 24692), (225, 24701), (227, 24725),

Gene: Whirlwind_61 Start: 43832, Stop: 44569, Start Num: 70
Candidate Starts for Whirlwind_61:
(Start: 70 @43832 has 20 MA's), (Start: 71 @43835 has 3 MA's), (131, 44183), (133, 44189), (142, 44219), (147, 44243), (156, 44294), (158, 44306), (163, 44327), (176, 44396), (177, 44399), (181, 44414), (190, 44447), (192, 44453), (193, 44459), (205, 44501), (218, 44543), (220, 44549),

Gene: Wiggin_69 Start: 44130, Stop: 45098, Start Num: 23
Candidate Starts for Wiggin_69:
(Start: 23 @44130 has 137 MA's), (Start: 31 @44169 has 107 MA's), (Start: 35 @44175 has 2 MA's), (44, 44199), (47, 44217), (Start: 65 @44349 has 1 MA's), (69, 44364), (Start: 70 @44367 has 20 MA's), (Start: 71 @44370 has 3 MA's), (82, 44487), (85, 44505), (131, 44718), (177, 44934), (180, 44946), (182, 44952), (192, 44988), (205, 45036), (220, 45084),

Gene: Wigglewiggle_61 Start: 43556, Stop: 44488, Start Num: 34
Candidate Starts for Wigglewiggle_61:
(Start: 34 @43556 has 49 MA's), (117, 44051), (129, 44090), (131, 44102), (133, 44108), (148, 44165), (155, 44207), (156, 44213), (175, 44312), (176, 44315), (181, 44333), (190, 44366), (192, 44372), (195, 44384), (205, 44420), (218, 44462),

Gene: Wildcat_67 Start: 44523, Stop: 45428, Start Num: 45
Candidate Starts for Wildcat_67:
(Start: 45 @44523 has 6 MA's), (Start: 65 @44676 has 1 MA's), (68, 44685), (69, 44691), (74, 44721), (77, 44733), (82, 44784), (95, 44892), (100, 44913), (107, 44928), (118, 44976), (132, 45042), (135, 45051), (148, 45108), (184, 45276), (187, 45294), (206, 45360), (207, 45366), (211, 45381), (222, 45417),

Gene: Wilder_62 Start: 43502, Stop: 44434, Start Num: 34
Candidate Starts for Wilder_62:
(Start: 34 @43502 has 49 MA's), (Start: 71 @43700 has 3 MA's), (117, 43997), (129, 44036), (131, 44048), (133, 44054), (148, 44111), (155, 44153), (156, 44159), (175, 44258), (176, 44261), (181, 44279), (190, 44312), (192, 44318), (195, 44330), (205, 44366), (218, 44408),

Gene: Willez_62 Start: 42326, Stop: 43294, Start Num: 23
Candidate Starts for Willez_62:
(Start: 23 @42326 has 137 MA's), (Start: 31 @42365 has 107 MA's), (Start: 35 @42371 has 2 MA's), (44, 42395), (47, 42413), (Start: 65 @42545 has 1 MA's), (69, 42560), (Start: 70 @42563 has 20

MA's), (Start: 71 @42566 has 3 MA's), (82, 42683), (85, 42701), (131, 42914), (177, 43130), (180, 43142), (182, 43148), (192, 43184), (205, 43232), (220, 43280),

Gene: Winky_61 Start: 43496, Stop: 44428, Start Num: 34
Candidate Starts for Winky_61:
(Start: 34 @43496 has 49 MA's), (Start: 71 @43694 has 3 MA's), (117, 43991), (129, 44030), (131, 44042), (133, 44048), (148, 44105), (155, 44147), (156, 44153), (175, 44252), (176, 44255), (181, 44273), (190, 44306), (192, 44312), (195, 44324), (205, 44360), (218, 44402),

Gene: Wyatt2_60 Start: 41782, Stop: 42714, Start Num: 34
Candidate Starts for Wyatt2_60:
(Start: 34 @41782 has 49 MA's), (Start: 71 @41980 has 3 MA's), (117, 42277), (118, 42283), (124, 42304), (129, 42316), (131, 42328), (133, 42334), (145, 42382), (147, 42388), (155, 42433), (156, 42439), (158, 42451), (175, 42538), (176, 42541), (177, 42544), (181, 42559), (195, 42610), (205, 42646), (218, 42688),

Gene: Xandras_66 Start: 43541, Stop: 44509, Start Num: 23
Candidate Starts for Xandras_66:
(Start: 23 @43541 has 137 MA's), (Start: 31 @43580 has 107 MA's), (Start: 35 @43586 has 2 MA's), (44, 43610), (47, 43628), (Start: 65 @43760 has 1 MA's), (69, 43775), (Start: 70 @43778 has 20 MA's), (Start: 71 @43781 has 3 MA's), (82, 43898), (85, 43916), (131, 44129), (177, 44345), (180, 44357), (182, 44363), (192, 44399), (205, 44447), (220, 44495),

Gene: Yasdnil_30 Start: 23813, Stop: 24784, Start Num: 31
Candidate Starts for Yasdnil_30:
(19, 23717), (26, 23786), (Start: 31 @23813 has 107 MA's), (Start: 38 @23828 has 3 MA's), (61, 23981), (Start: 65 @23999 has 1 MA's), (66, 24002), (103, 24221), (104, 24224), (106, 24230), (108, 24242), (109, 24245), (113, 24266), (119, 24290), (137, 24368), (146, 24407), (150, 24428), (151, 24434), (159, 24479), (179, 24575), (190, 24617), (194, 24635), (214, 24707), (221, 24731), (225, 24746), (227, 24770),

Gene: YassJohnny_64 Start: 43499, Stop: 44467, Start Num: 23
Candidate Starts for YassJohnny_64:
(Start: 23 @43499 has 137 MA's), (Start: 31 @43538 has 107 MA's), (Start: 35 @43544 has 2 MA's), (44, 43568), (47, 43586), (Start: 65 @43718 has 1 MA's), (69, 43733), (Start: 70 @43736 has 20 MA's), (Start: 71 @43739 has 3 MA's), (82, 43856), (85, 43874), (131, 44087), (177, 44303), (180, 44315), (182, 44321), (192, 44357), (205, 44405), (220, 44453),

Gene: Yosif_34 Start: 25959, Stop: 26927, Start Num: 31
Candidate Starts for Yosif_34:
(Start: 31 @25959 has 107 MA's), (Start: 38 @25974 has 3 MA's), (53, 26043), (Start: 65 @26142 has 1 MA's), (66, 26145), (68, 26151), (99, 26358), (106, 26373), (107, 26376), (108, 26385), (111, 26400), (150, 26571), (162, 26631), (183, 26724), (201, 26790), (206, 26814), (221, 26865), (225, 26877), (231, 26922),

Gene: Youngblood_70 Start: 45011, Stop: 45979, Start Num: 23
Candidate Starts for Youngblood_70:
(Start: 23 @45011 has 137 MA's), (Start: 31 @45050 has 107 MA's), (Start: 35 @45056 has 2 MA's), (44, 45080), (47, 45098), (Start: 65 @45230 has 1 MA's), (69, 45245), (Start: 70 @45248 has 20 MA's), (Start: 71 @45251 has 3 MA's), (82, 45368), (85, 45386), (131, 45599), (177, 45815), (180, 45827), (182, 45833), (192, 45869), (205, 45917), (220, 45965),

Gene: Zainub_33 Start: 25048, Stop: 26025, Start Num: 31

Candidate Starts for Zainub_33:
(Start: 31 @25048 has 107 MA's), (Start: 38 @25063 has 3 MA's), (69, 25255), (92, 25417), (106, 25471), (108, 25483), (109, 25486), (111, 25498), (114, 25510), (120, 25534), (126, 25549), (150, 25669), (151, 25675), (154, 25687), (180, 25816), (190, 25855), (194, 25873), (197, 25882), (221, 25966), (225, 25978), (230, 26020),

Gene: Zakai_62 Start: 43822, Stop: 44754, Start Num: 34
Candidate Starts for Zakai_62:
(Start: 34 @43822 has 49 MA's), (Start: 71 @44020 has 3 MA's), (117, 44317), (129, 44356), (131, 44368), (133, 44374), (148, 44431), (155, 44473), (156, 44479), (175, 44578), (176, 44581), (181, 44599), (190, 44632), (192, 44638), (195, 44650), (205, 44686), (218, 44728),

Gene: ZamZam_32 Start: 25490, Stop: 26443, Start Num: 31
Candidate Starts for ZamZam_32:
(Start: 31 @25490 has 107 MA's), (Start: 38 @25505 has 3 MA's), (47, 25541), (53, 25574), (Start: 65 @25673 has 1 MA's), (72, 25706), (74, 25718), (84, 25784), (92, 25850), (106, 25904), (107, 25907), (108, 25916), (120, 25967), (126, 25982), (150, 26102), (162, 26162), (170, 26204), (183, 26255), (201, 26321), (221, 26396), (225, 26408),

Gene: Zaria_60 Start: 41867, Stop: 42850, Start Num: 23
Candidate Starts for Zaria_60:
(Start: 23 @41867 has 137 MA's), (Start: 34 @41909 has 49 MA's), (41, 41930), (Start: 71 @42116 has 3 MA's), (117, 42413), (118, 42419), (124, 42440), (129, 42452), (131, 42464), (145, 42518), (147, 42524), (155, 42569), (156, 42575), (158, 42587), (175, 42674), (176, 42677), (177, 42680), (181, 42695), (190, 42728), (193, 42740), (195, 42746), (205, 42782), (215, 42815), (218, 42824),

Gene: Zemlya_32 Start: 24300, Stop: 25271, Start Num: 31
Candidate Starts for Zemlya_32:
(2, 23892), (4, 23928), (Start: 31 @24300 has 107 MA's), (61, 24468), (Start: 65 @24486 has 1 MA's), (66, 24489), (68, 24495), (92, 24663), (106, 24717), (107, 24720), (108, 24729), (109, 24732), (113, 24753), (150, 24915), (151, 24921), (179, 25062), (190, 25104), (194, 25122), (214, 25194), (221, 25218), (225, 25233), (227, 25257),

Gene: ZhongYanYuan_59 Start: 43391, Stop: 44323, Start Num: 34
Candidate Starts for ZhongYanYuan_59:
(Start: 34 @43391 has 49 MA's), (Start: 71 @43589 has 3 MA's), (117, 43886), (129, 43925), (131, 43937), (147, 43997), (148, 44000), (155, 44042), (158, 44060), (163, 44081), (175, 44147), (176, 44150), (181, 44168), (195, 44219), (199, 44231), (205, 44255), (218, 44297),

Gene: Ziko_85 Start: 44502, Stop: 45272, Start Num: 57
Candidate Starts for Ziko_85:
(Start: 57 @44502 has 6 MA's), (64, 44547), (69, 44568), (76, 44607), (77, 44610), (84, 44691), (97, 44781), (100, 44793), (105, 44802), (118, 44862), (129, 44895), (131, 44907), (146, 44973), (148, 44979), (156, 45018), (175, 45117), (176, 45120), (190, 45171),

Gene: phiCAM_31 Start: 27359, Stop: 28312, Start Num: 38
Candidate Starts for phiCAM_31:
(28, 27335), (Start: 31 @27344 has 107 MA's), (Start: 38 @27359 has 3 MA's), (53, 27428), (Start: 65 @27527 has 1 MA's), (66, 27530), (68, 27536), (99, 27743), (106, 27758), (107, 27761), (108, 27770), (111, 27785), (119, 27818), (120, 27821), (126, 27836), (150, 27956), (162, 28016), (183, 28109), (201, 28175), (221, 28250), (225, 28262), (231, 28307),

Gene: phiHau3_33 Start: 24132, Stop: 25097, Start Num: 31

Candidate Starts for phiHau3_33:
(26, 24102), (Start: 31 @24132 has 107 MA's), (Start: 65 @24318 has 1 MA's), (66, 24321), (73, 24354), (92, 24495), (94, 24513), (106, 24549), (109, 24564), (111, 24576), (113, 24585), (118, 24606), (119, 24609), (128, 24648), (146, 24726), (150, 24747), (157, 24780), (162, 24807), (171, 24852), (201, 24966), (221, 25044), (225, 25056),

Gene: xkcd_70 Start: 45201, Stop: 46169, Start Num: 23
Candidate Starts for xkcd_70:
(Start: 23 @45201 has 137 MA's), (Start: 31 @45240 has 107 MA's), (Start: 35 @45246 has 2 MA's), (44, 45270), (47, 45288), (Start: 65 @45420 has 1 MA's), (69, 45435), (Start: 70 @45438 has 20 MA's), (Start: 71 @45441 has 3 MA's), (82, 45558), (85, 45576), (131, 45789), (177, 46005), (180, 46017), (182, 46023), (192, 46059), (205, 46107), (220, 46155),