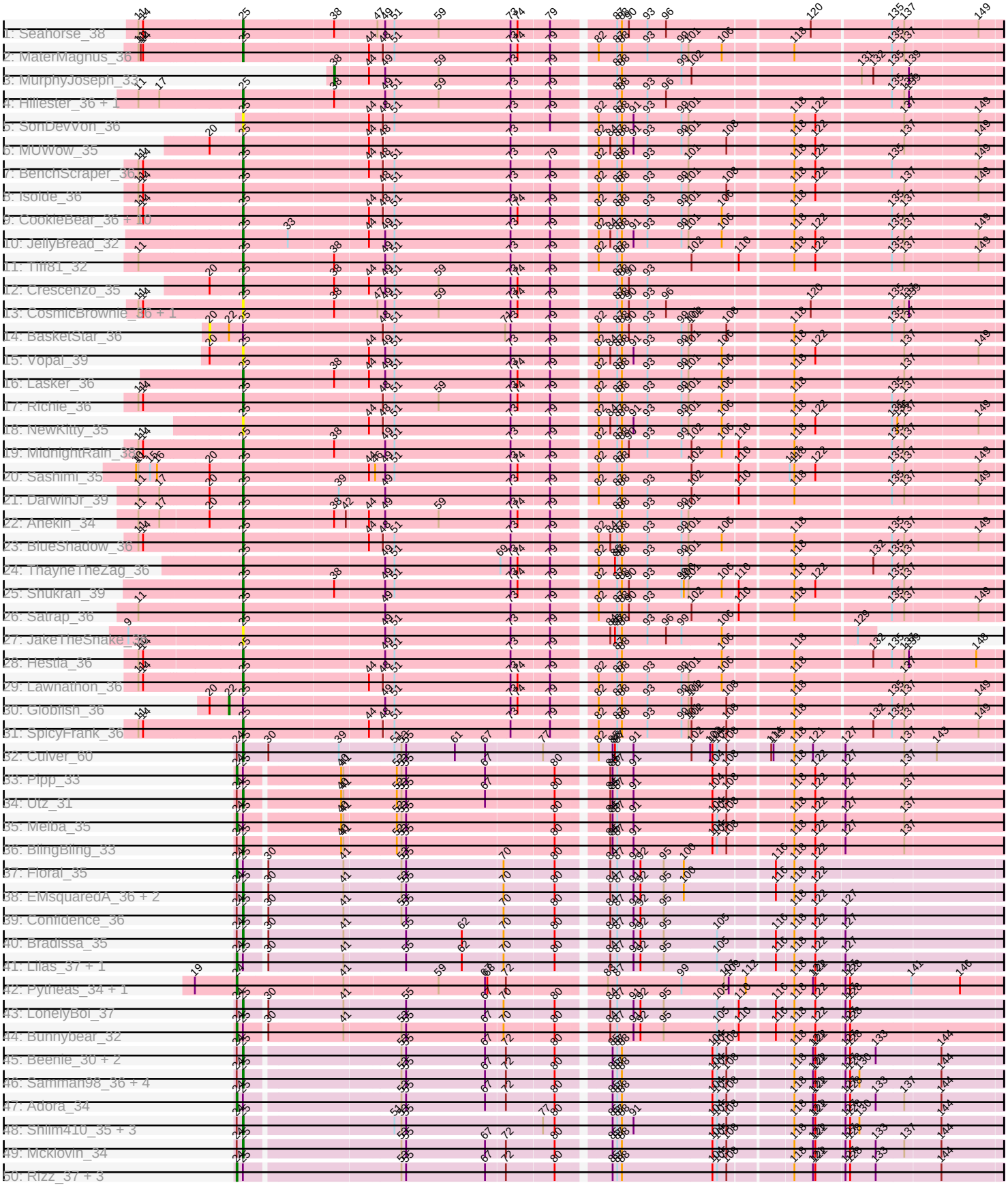
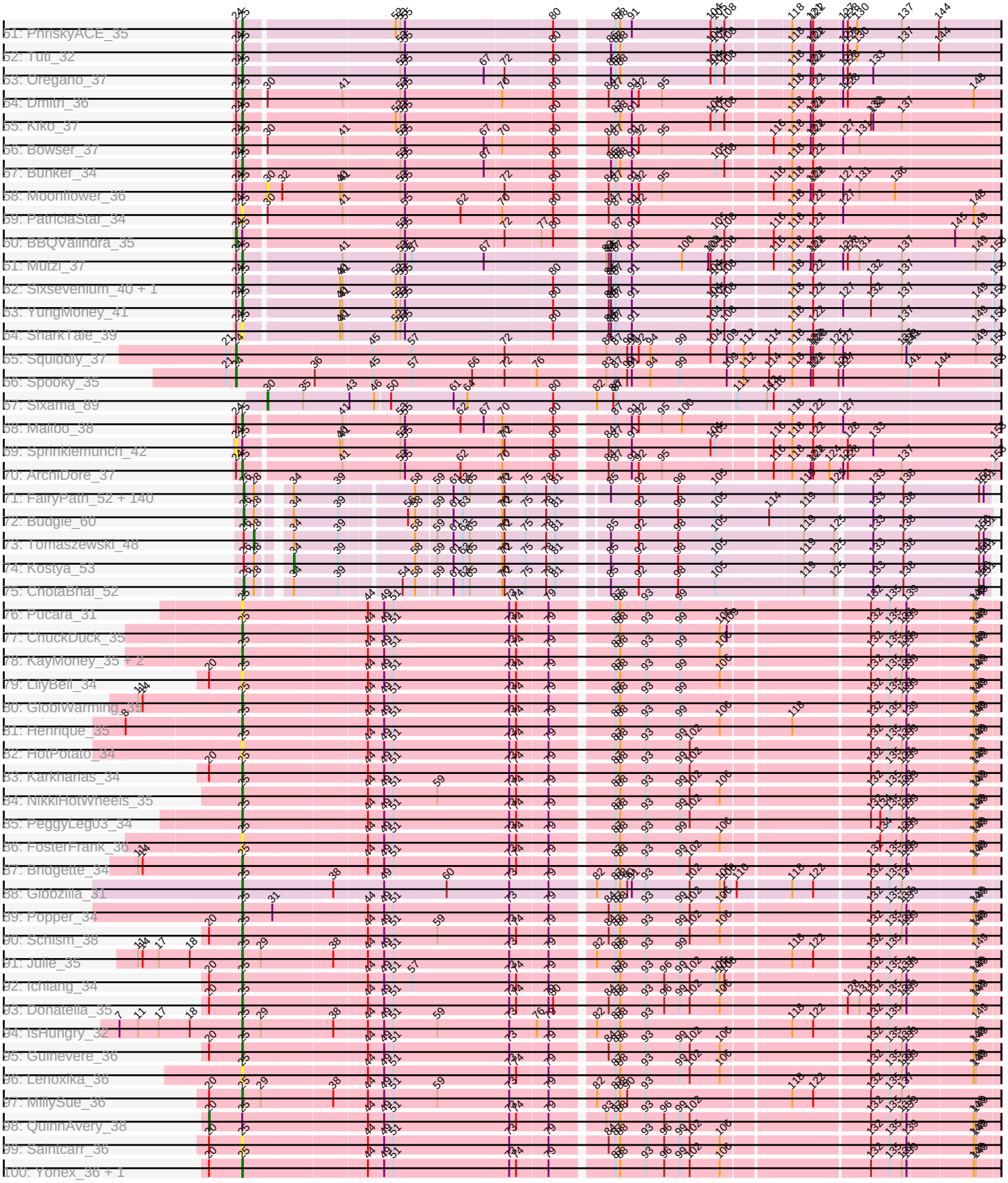
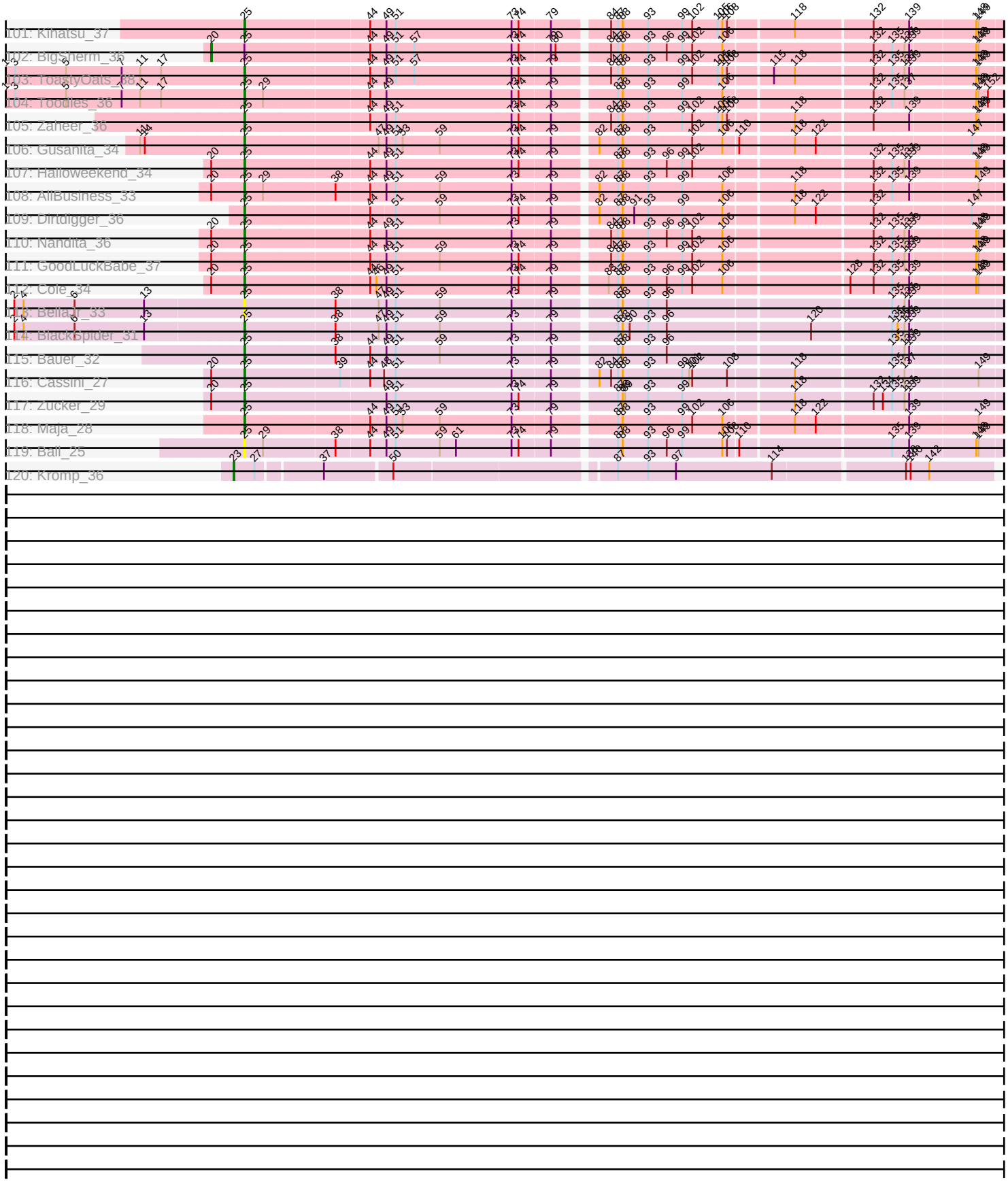
Pham 345307


1: Seahorse_38
2: MaterMagnus_36
3: MurphyJoseph_33
4: Hillester_36 + 1
5: SonDeVVon_36
6: MUWow_35
7: BenchScraper_36
8: Isolde_36
9: CookieBear_36 + 10
10: JellyBread_32
11: Tim81_32
12: Crescenzo_35
13: CosmicBrownie_36 + 1
14: BasketStar_36
15: Vopal_39
16: Lasker_36
17: Richie_36
18: NewKitty_35
19: MidnightRain_36
20: Sashimi_35
21: DarwinJr_39
22: Anekin_34
23: BlueShadow_36
24: ThayneTheZag_36
25: Shukran_39
26: Satrap_36
27: JakeTheSnake_36
28: Hestia_36
29: Lawnathon_36
30: Globnish_36
31: SpicyFrank_36
32: Culver_60
33: Pipp_33
34: Otz_31
35: Melba_35
36: BlingBling_33
37: Floral_35
38: EMsquaredA_36 + 2
39: Confidence_36
40: Bradissa_35
41: Elias_37 + 1
42: Pytheas_34 + 1
43: LonelyBoi_37
44: Bunnybear_32
45: Beenie_30 + 2
46: Samman98_36 + 4
47: Adora_34
48: Shilm410_35 + 3
49: Mcklovin_34
50: Rizz_37 + 3

Pham 345307


51: PhriskyACE_35
52: Tuti_32
53: Oregano_37
54: Dmitri_36
55: Kiko_37
56: Bowser_37
57: Bunker_34
58: Moonflower_36
59: PatriciaStar_34
60: BBQValindra_35
61: Mutzi_37
62: Sixsevenium_40 + 1
63: YungMoney_41
64: SharkTale_39
65: Squiddly_37
66: Spooky_35
67: Sixama_89
68: Malibo_38
69: Sprinklemunch_42
70: ArchiDore_37
71: FairyPath_52 + 140
72: Budgie_60
73: Tomaszewski_48
74: Kostya_53
75: ChotaBhai_52
76: Pucara_31
77: ChuckDuck_35
78: KayMoney_35 + 2
79: LilyBell_34
80: GlobiWarming_33
81: Henrique_35
82: HotPotato_34
83: Karkharias_34
84: NikkiHotWheels_35
85: PeggyLeg03_34
86: FosterFrank_36
87: Bridgette_34
88: Gibbzilla_31
89: Popper_34
90: Schism_38
91: Julie_35
92: Ichiang_34
93: Donatella_35
94: IsHungry_32
95: Guinevere_36
96: Lenoxika_36
97: MillySue_36
98: QuinnAvery_38
99: Saintcarr_36
100: Yonex_36 + 1

Pham 345307


101: Kinatsu_37
102: BigSherm_35
103: ToastyOats_38
104: Toodles_36
105: Zaheer_36
106: Gusanita_34
107: Halloweekend_34
108: AllBusiness_33
109: Dindigger_36
110: Nandita_36
111: GoodLuckBabe_37
112: Cole_34
113: Bellajr_33
114: BlackSpider_31
115: Bauer_32
116: Cassini_27
117: Zucker_29
118: Maja_28
119: Ball_25
120: Kromp_36

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 345307 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 345307 has 292 members, 34 are drafts.

Phages represented in each track:
- Track 1 : Seahorse_38
- Track 2 : MaterMagnus_36
- Track 3 : MurphyJoseph_33
- Track 4 : Hillester_36, RadFad_36
- Track 5 : SonDevVon_36
- Track 6 : MUWow_35
- Track 7 : BenchScraper_36
- Track 8 : Isolde_36
- Track 9 : CookieBear_36, Sporco_36, Aikyam_33, Sakai_36, Kabloowy_36, Auxilium_34, BillyTP_37, Raphaella_36, Mapleville_35, Gorpy_37, YoungHarleezy_36
- Track 10 : JellyBread_32
- Track 11 : Tiff81_32
- Track 12 : Crescenzo_35
- Track 13 : CosmicBrownie_36, GumGum_37
- Track 14 : BasketStar_36
- Track 15 : Vopal_39
- Track 16 : Lasker_36
- Track 17 : Richie_36
- Track 18 : NewKitty_35
- Track 19 : MidnightRain_38
- Track 20 : Sashimi_35
- Track 21 : DarwinJr_39
- Track 22 : Anekin_34
- Track 23 : BlueShadow_36
- Track 24 : ThayneTheZag_36
- Track 25 : Shukran_39
- Track 26 : Satrap_36
- Track 27 : JakeTheSnake_36
- Track 28 : Hestia_36
- Track 29 : Lawnathon_36
- Track 30 : Globfish_36
- Track 31 : SpicyFrank_36

• Track 32 : Culver_60
• Track 33 : Pipp_33
• Track 34 : Utz_31
• Track 35 : Melba_35
• Track 36 : BlingBling_33
• Track 37 : Floral_35
• Track 38 : EMsquaredA_36, Marteena_35, Pollux_37
• Track 39 : Confidence_36
• Track 40 : Bradissa_35
• Track 41 : Lilas_37, EnalisNailo_34
• Track 42 : Pytheas_34, Jablanski_34
• Track 43 : LonelyBoi_37
• Track 44 : Bunnybear_32
• Track 45 : Beenie_30, Invectra_37, MichaelScott_36
• Track 46 : Samman98_36, Annalisa_34, Dolores_37, Thimann_34, WinkNick_38
• Track 47 : Adora_34
• Track 48 : Shlim410_35, Howe_36, Hortense_36, Twinkle_35
• Track 49 : Mcklovin_34
• Track 50 : Rizz_37, Dorito_32, DobbysSock_30, Clark_36
• Track 51 : PhriskyACE_35
• Track 52 : Tuti_32
• Track 53 : Oregano_37
• Track 54 : Dmitri_36
• Track 55 : Kiko_37
• Track 56 : Bowser_37
• Track 57 : Bunker_34
• Track 58 : Moonflower_36
• Track 59 : PatriciaStar_34
• Track 60 : BBQValindra_35
• Track 61 : Mutzi_37
• Track 62 : Sixsevenium_40, Bakery_42
• Track 63 : YungMoney_41
• Track 64 : SharkTale_39
• Track 65 : Squiddly_37
• Track 66 : Spooky_35
• Track 67 : Sixama_89
• Track 68 : Malibo_38
• Track 69 : Sprinklemunch_42
• Track 70 : ArchiDore_37
• Track 71 : FairyPath_52, Buck_53, Henry_51, Phaja_50, ABCat_50, Argent26_55, RiverMonster_53, Wiggin_54, Simpliphy_51, GooberAzure_55, Xandras_52, Cjw1_52, Goldilocks_54, Holt_57, StolenFromERC_55, Elph10_52, BugsBunny_53, Paperbeatsrock_51, Murica_54, Filch_53, Murphy_54, Moldemort_55, Policronamos_55, Nimrod_55, Contagion_49, Cookies_49, BilboSwaggins_51, MadamMonkfish_52, MollyToe_47, Saints25_53, Bask21_53, Barbarian_52, Dumbo_52, Phrux_50, PaddyBaddy_52, NonchalantPear_53, Elite2014_52, Daikon_53, Lilac_55, Brewer_47, Emmina_52, FoghornLeghorn_47, DrDrey_52, JeTaime_53, Thimble_54, MISSy_52, Miniwave_49, Phaux_54, Czyszczon1_53, Bogg_52, Porky_51, Gage_55, Amao_52, StellaBean_50, Bruin_48, NoSleep_54, Glexan_50, xkcd_56, Nala_53, Asriel_52, Tarkin_51, Willez_46, Adnama_56, TeamEdward_55, DoctorDiddles_52, Petra64142_57, ShamWow_52, Lilpickle_52, Pat3_50, SophKB_49, Rimmer_53, BigBubba_53, Greep_56, 244_53, FireRed_55, Lilizi_52, Tuco_53, IHOP_50, Hopey_52, GoldenSpark_55, ShereKhan_50,

HanKaySha_51, Thresher_55, Ptowny_51, OrionPax_51, Easy2Say_53, Harella_52, Youngblood_54, Becksu_53, Quallification_53, Misfit_54, Rakim_54, Palpatine_55, Terminus_54, AmericanBeauty_56, Sassay_46, Gemini_56, Bench_54, Pharsalus_50, Balomoji_51, SirDuracell_51, Mosby_48, Gator_50, PhatBacter_55, Pumpkin_54, Stank_56, Highbury_53, YassJohnny_48, CrystalP_52, Stark_53, Mindy_51, Hoonter_55, Kimchi_55, Dusk_50, Myrale_52, Traaww1_48, Command613_54, TBrady12_55, Icee_52, BadStone_50, MPhalcon_52, Maxxinista_55, Marshmallow_51, TeardropMSU_48, Toto_51, Kanye_48, ChosenOne_53, Teaspoon_53, Goku_50, HufflyPuff_54, Sotrice96_53, Inca_49, StormChicken_54, Manda_52, Ukulele_49, Flypotenuse_47, Livelaughbron_56, BaboJay_48, Cactus_54, NelitzaMV_49, Eureka_50

- Track 72 : Budgie_60
- Track 73 : Tomaszewski_48
- Track 74 : Kostya_53
- Track 75 : ChotaBhai_52
- Track 76 : Pucara_31
- Track 77 : ChuckDuck_35
- Track 78 : KayMoney_35, Constance_34, Judy_35
- Track 79 : LilyBell_34
- Track 80 : GlobiWarming_35
- Track 81 : Henrique_35
- Track 82 : HotPotato_34
- Track 83 : Karkharias_34
- Track 84 : NikkiHotWheels_35
- Track 85 : PeggyLeg03_34
- Track 86 : FosterFrank_36
- Track 87 : Bridgette_34
- Track 88 : Gibbzilla_31
- Track 89 : Popper_34
- Track 90 : Schism_38
- Track 91 : Julie_35
- Track 92 : Ichiang_34
- Track 93 : Donatella_35
- Track 94 : IsHungry_32
- Track 95 : Guinevere_36
- Track 96 : Lenoxika_36
- Track 97 : MillySue_36
- Track 98 : QuinnAvery_38
- Track 99 : Saintcarr_36
- Track 100 : Yonex_36, Ryan_36
- Track 101 : Kihatsu_37
- Track 102 : BigSherm_36
- Track 103 : ToastyOats_38
- Track 104 : Toodles_36
- Track 105 : Zaheer_36
- Track 106 : Gusanita_34
- Track 107 : Halloweekend_34
- Track 108 : AllBusiness_33
- Track 109 : Dirtdigger_36
- Track 110 : Nandita_36
- Track 111 : GoodLuckBabe_37
- Track 112 : Cole_34
- Track 113 : BellaJr_33

• Track 114 : BlackSpider_31
• Track 115 : Bauer_32
• Track 116 : Cassini_27
• Track 117 : Zucker_29
• Track 118 : Maja_28
• Track 119 : Ball_25
• Track 120 : Kromp_36

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

The start number called the most often in the published annotations is 26, it was called in 132 of the 258 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• 244_53, ABCat_50, Adnama_56, Amao_52, AmericanBeauty_56, Argent26_55, Asriel_52, BaboJay_48, BadStone_50, Balomoji_51, Barbarian_52, Bask21_53, Becksu_53, Bench_54, BigBubba_53, BilboSwaggins_51, Bogg_52, Brewer_47, Bruin_48, Buck_53, Budgie_60, BugsBunny_53, Cactus_54, ChosenOne_53, ChotaBhai_52, Cjw1_52, Command613_54, Contagion_49, Cookies_49, CrystalP_52, Czyszczon1_53, Daikon_53, DoctorDiddles_52, DrDrey_52, Dumbo_52, Dusk_50, Easy2Say_53, Elite2014_52, Elph10_52, Emmina_52, Eureka_50, FairyPath_52, Filch_53, FireRed_55, Flypotenuse_47, FoghornLeghorn_47, Gage_55, Gator_50, Gemini_56, Glexan_50, Goku_50, GoldenSpark_55, Goldilocks_54, GooberAzure_55, Greep_56, HanKaySha_51, Harella_52, Henry_51, Highbury_53, Holt_57, Hoonter_55, Hopey_52, HufflyPuff_54, IHOP_50, Icee_52, Inca_49, JeTaime_53, Kanye_48, Kimchi_55, Lilac_55, Lilizi_52, Lilpickle_52, Livelaughbron_56, MISSy_52, MPhalcon_52, MadamMonkfish_52, Manda_52, Marshmallow_51, Maxxinista_55, Mindy_51, Miniwave_49, Misfit_54, Moldemort_55, MollyToe_47, Mosby_48, Murica_54, Murphy_54, Myrale_52, Nala_53, NelitzaMV_49, Nimrod_55, NoSleep_54, NonchalantPear_53, OrionPax_51, PaddyBaddy_52, Palpatine_55, Paperbeatsrock_51, Pat3_50, Petra64142_57, Phaja_50, Pharsalus_50, PhatBacter_55, Phaux_54, Phrux_50, Policronamos_55, Porky_51, Ptowny_51, Pumpkin_54, Quallification_53, Rakim_54, Rimmer_53, RiverMonster_53, Saints25_53, Sassay_46, ShamWow_52, ShereKhan_50, Simpliphy_51, SirDuracell_51, SophKB_49, Sotrice96_53, Stank_56, Stark_53, StellaBean_50, StolenFromERC_55, StormChicken_54, TBrady12_55, Tarkin_51, TeamEdward_55, TeardropMSU_48, Teaspoon_53, Terminus_54, Thimble_54, Thresher_55, Toto_51, Traaww1_48, Tuco_53, Ukulele_49, Wiggin_54, Willez_46, Xandras_52, YassJohnny_48, Youngblood_54, xkcd_56,

Genes that have the "Most Annotated" start but do not call it:
• Kostya_53, Tomaszewski_48,

Genes that do not have the "Most Annotated" start:
• Adora_34, Aikyam_33, AllBusiness_33, Anekin_34, Annalisa_34, ArchiDore_37, Auxilium_34, BBQValindra_35, Bakery_42, Ball_25, BasketStar_36, Bauer_32, Beenie_30, BellaJr_33, BenchScraper_36, BigSherm_36, BillyTP_37, BlackSpider_31, BlingBling_33, BlueShadow_36, Bowser_37, Bradissa_35, Bridgette_34, Bunker_34, Bunnybear_32, Cassini_27, ChuckDuck_35, Clark_36, Cole_34, Confidence_36, Constance_34, CookieBear_36, CosmicBrownie_36,

Crescenzo_35, Culver_60, DarwinJr_39, Dirtdigger_36, Dmitri_36, DobbysSock_30, Dolores_37, Donatella_35, Dorito_32, EMsquaredA_36, EnalisNailo_34, Floral_35, FosterFrank_36, Gibbzilla_31, Globfish_36, GlobiWarming_35, GoodLuckBabe_37, Gorpy_37, Guinevere_36, GumGum_37, Gusanita_34, Halloweekend_34, Henrique_35, Hestia_36, Hillester_36, Hortense_36, HotPotato_34, Howe_36, Ichiang_34, Invectra_37, IsHungry_32, Isolde_36, Jablanski_34, JakeTheSnake_36, JellyBread_32, Judy_35, Julie_35, Kabloowy_36, Karkharias_34, KayMoney_35, Kihatsu_37, Kiko_37, Kromp_36, Lasker_36, Lawnathon_36, Lenoxika_36, Lilas_37, LilyBell_34, LonelyBoi_37, MUWow_35, Maja_28, Malibo_38, Mapleville_35, Marteena_35, MaterMagnus_36, Mcklovin_34, Melba_35, MichaelScott_36, MidnightRain_38, MillySue_36, Moonflower_36, MurphyJoseph_33, Mutzi_37, Nandita_36, NewKitty_35, NikkiHotWheels_35, Oregano_37, PatriciaStar_34, PeggyLeg03_34, PhriskyACE_35, Pipp_33, Pollux_37, Popper_34, Pucara_31, Pytheas_34, QuinnAvery_38, RadFad_36, Raphaella_36, Richie_36, Rizz_37, Ryan_36, Saintcarr_36, Sakai_36, Samman98_36, Sashimi_35, Satrap_36, Schism_38, Seahorse_38, SharkTale_39, Shlim410_35, Shukran_39, Sixama_89, Sixsevenium_40, SonDevVon_36, SpicyFrank_36, Spooky_35, Sporco_36, Sprinklemunch_42, Squiddly_37, ThayneTheZag_36, Thimann_34, Tiff81_32, ToastyOats_38, Toodles_36, Tuti_32, Twinkle_35, Utz_31, Vopal_39, WinkNick_38, Yonex_36, YoungHarleezy_36, YungMoney_41, Zaheer_36, Zucker_29,

Summary by start number:

Start 20:
• Found in 27 of 292 (9.2%) of genes in pham
• Manual Annotations of this start: 2 of 258
• Called 11.1% of time when present
• Phage (with cluster) where this start called: BasketStar_36 (AY), BigSherm_36 (FF), QuinnAvery_38 (FF),

Start 22:
• Found in 2 of 292 (0.7%) of genes in pham
• Manual Annotations of this start: 1 of 258
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Globfish_36 (AY),

Start 23:
• Found in 1 of 292 (0.3%) of genes in pham
• Manual Annotations of this start: 1 of 258
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kromp_36 (singleton),

Start 24:
• Found in 55 of 292 (18.8%) of genes in pham
• Manual Annotations of this start: 15 of 258
• Called 30.9% of time when present
• Phage (with cluster) where this start called: Adora_34 (CZ4), BBQValindra_35 (DB), Bunnybear_32 (CZ), Clark_36 (CZ4), DobbysSock_30 (CZ4), Dorito_32 (CZ4), EnalisNailo_34 (CY1), Floral_35 (CY1), Jablanski_34 (CY3), Lilas_37 (CY1), Melba_35 (CV), Pipp_33 (CV), Pytheas_34 (CY3), Rizz_37 (CZ4), Spooky_35 (DN2), Sprinklemunch_42 (DW), Squiddly_37 (DN2),

Start 25:

• Found in 140 of 292 (47.9%) of genes in pham
• Manual Annotations of this start: 103 of 258
• Called 87.1% of time when present
• Phage (with cluster) where this start called: Aikyam_33 (AY), AllBusiness_33 (FF), Anekin_34 (AY), Annalisa_34 (CZ4), ArchiDore_37 (DW), Auxilium_34 (AY), Bakery_42 (DC1), Ball_25 (singleton), Bauer_32 (FN), Beenie_30 (CZ4), BellaJr_33 (FN), BenchScraper_36 (AY), BillyTP_37 (AY), BlackSpider_31 (FN), BlingBling_33 (CV), BlueShadow_36 (AY), Bowser_37 (DB), Bradissa_35 (CY1), Bridgette_34 (FA), Bunker_34 (DB), Cassini_27 (FN), ChuckDuck_35 (FA), Cole_34 (FF), Confidence_36 (CY1), Constance_34 (FA), CookieBear_36 (AY), CosmicBrownie_36 (AY), Crescenzo_35 (AY), Culver_60 (CQ1), DarwinJr_39 (AY), Dirtdigger_36 (FF), Dmitri_36 (DB), Dolores_37 (CZ4), Donatella_35 (FF), EMsquaredA_36 (CY1), FosterFrank_36 (FA), Gibbzilla_31 (FB), GlobiWarming_35 (FA), GoodLuckBabe_37 (FF), Gorpy_37 (AY), Guinevere_36 (FF), GumGum_37 (AY), Gusanita_34 (FF), Halloweekend_34 (FF), Henrique_35 (FA), Hestia_36 (AY), Hillester_36 (AY), Hortense_36 (CZ4), HotPotato_34 (FA), Howe_36 (CZ4), Ichiang_34 (FF), Invectra_37 (CZ4), IsHungry_32 (FF), Isolde_36 (AY), JakeTheSnake_36 (AY), JellyBread_32 (AY), Judy_35 (FA), Julie_35 (FF), Kabloowy_36 (AY), Karkharias_34 (FA), KayMoney_35 (FA), Kihatsu_37 (FF), Kiko_37 (DB), Lasker_36 (AY), Lawnathon_36 (AY), Lenoxika_36 (FF), LilyBell_34 (FA), LonelyBoi_37 (CY7), MUWow_35 (AY), Maja_28 (FO), Malibo_38 (DW), Mapleville_35 (AY), Marteena_35 (CY1), MaterMagnus_36 (AY), Mcklovin_34 (CZ4), MichaelScott_36 (CZ4), MidnightRain_38 (AY), MillySue_36 (FF), Mutzi_37 (DC1), Nandita_36 (FF), NewKitty_35 (AY), NikkiHotWheels_35 (FA), Oregano_37 (CZ4), PatriciaStar_34 (DB), PeggyLeg03_34 (FA), PhriskyACE_35 (CZ4), Pollux_37 (CY1), Popper_34 (FF), Pucara_31 (FA), RadFad_36 (AY), Raphaella_36 (AY), Richie_36 (AY), Ryan_36 (FF), Saintcarr_36 (FF), Sakai_36 (AY), Samman98_36 (CZ4), Sashimi_35 (AY), Satrap_36 (AY), Schism_38 (FF), Seahorse_38 (AY), SharkTale_39 (DC1), Shlim410_35 (CZ4), Shukran_39 (AY), Sixsevenium_40 (DC1), SonDevVon_36 (AY), SpicyFrank_36 (AY), Sporco_36 (AY), ThayneTheZag_36 (AY), Thimann_34 (CZ4), Tiff81_32 (AY), ToastyOats_38 (FF), Toodles_36 (FF), Tuti_32 (CZ4), Twinkle_35 (CZ4), Utz_31 (CV), Vopal_39 (AY), WinkNick_38 (CZ4), Yonex_36 (FF), YoungHarleezy_36 (AY), YungMoney_41 (DC1), Zaheer_36 (FF), Zucker_29 (FN),

Start 26:
• Found in 145 of 292 (49.7%) of genes in pham
• Manual Annotations of this start: 132 of 258
• Called 98.6% of time when present
• Phage (with cluster) where this start called: 244_53 (E), ABCat_50 (E), Adnama_56 (E), Amao_52 (E), AmericanBeauty_56 (E), Argent26_55 (E), Asriel_52 (E), BaboJay_48 (E), BadStone_50 (E), Balomoji_51 (E), Barbarian_52 (E), Bask21_53 (E), Becksu_53 (E), Bench_54 (E), BigBubba_53 (E), BilboSwaggins_51 (E), Bogg_52 (E), Brewer_47 (E), Bruin_48 (E), Buck_53 (E), Budgie_60 (E), BugsBunny_53 (E), Cactus_54 (E), ChosenOne_53 (E), ChotaBhai_52 (E), Cjw1_52 (E), Command613_54 (E), Contagion_49 (E), Cookies_49 (E), CrystalP_52 (E), Czyszczon1_53 (E), Daikon_53 (E), DoctorDiddles_52 (E), DrDrey_52 (E), Dumbo_52 (E), Dusk_50 (E), Easy2Say_53 (E), Elite2014_52 (E), Elph10_52 (E), Emmina_52 (E), Eureka_50 (E), FairyPath_52 (E), Filch_53 (E), FireRed_55 (E), Flypotenuse_47 (E), FoghornLeghorn_47 (E), Gage_55 (E), Gator_50 (E), Gemini_56 (E), Glexan_50 (E), Goku_50 (E), GoldenSpark_55 (E), Goldilocks_54 (E), GooberAzure_55 (E), Greep_56 (E), HanKaySha_51 (E), Harella_52 (E), Henry_51 (E), Highbury_53 (E), Holt_57 (E), Hoonter_55 (E), Hopey_52 (E), HufflyPuff_54 (E), IHOP_50 (E), Icee_52 (E), Inca_49 (E), JeTaime_53 (E), Kanye_48 (E), Kimchi_55

(E), Lilac_55 (E), Lilizi_52 (E), Lilpickle_52 (E), Livelaughbron_56 (E), MISSy_52 (E), MPhalcon_52 (E), MadamMonkfish_52 (E), Manda_52 (E), Marshmallow_51 (E), Maxxinista_55 (E), Mindy_51 (E), Miniwave_49 (E), Misfit_54 (E), Moldemort_55 (E), MollyToe_47 (E), Mosby_48 (E), Murica_54 (E), Murphy_54 (E), Myrale_52 (E), Nala_53 (E), NelitzaMV_49 (E), Nimrod_55 (E), NoSleep_54 (E), NonchalantPear_53 (E), OrionPax_51 (E), PaddyBaddy_52 (E), Palpatine_55 (E), Paperbeatsrock_51 (E), Pat3_50 (E), Petra64142_57 (E), Phaja_50 (E), Pharsalus_50 (E), PhatBacter_55 (E), Phaux_54 (E), Phrux_50 (E), Policronamos_55 (E), Porky_51 (E), Ptowny_51 (E), Pumpkin_54 (E), Quallification_53 (E), Rakim_54 (E), Rimmer_53 (E), RiverMonster_53 (E), Saints25_53 (E), Sassay_46 (E), ShamWow_52 (E), ShereKhan_50 (E), Simpliphy_51 (E), SirDuracell_51 (E), SophKB_49 (E), Sotrice96_53 (E), Stank_56 (E), Stark_53 (E), StellaBean_50 (E), StolenFromERC_55 (E), StormChicken_54 (E), TBrady12_55 (E), Tarkin_51 (E), TeamEdward_55 (E), TeardropMSU_48 (E), Teaspoon_53 (E), Terminus_54 (E), Thimble_54 (E), Thresher_55 (E), Toto_51 (E), Traaww1_48 (E), Tuco_53 (E), Ukulele_49 (E), Wiggin_54 (E), Willez_46 (E), Xandras_52 (E), YassJohnny_48 (E), Youngblood_54 (E), xkcd_56 (E),

Start 28:
• Found in 145 of 292 (49.7%) of genes in pham
• Manual Annotations of this start: 1 of 258
• Called 0.7% of time when present
• Phage (with cluster) where this start called: Tomaszewski_48 (E),

Start 30:
• Found in 16 of 292 (5.5%) of genes in pham
• Manual Annotations of this start: 1 of 258
• Called 12.5% of time when present
• Phage (with cluster) where this start called: Moonflower_36 (DB), Sixama_89 (DS),

Start 34:
• Found in 145 of 292 (49.7%) of genes in pham
• Manual Annotations of this start: 1 of 258
• Called 0.7% of time when present
• Phage (with cluster) where this start called: Kostya_53 (E),

Start 38:
• Found in 21 of 292 (7.2%) of genes in pham
• Manual Annotations of this start: 1 of 258
• Called 4.8% of time when present
• Phage (with cluster) where this start called: MurphyJoseph_33 (AY),

Summary by clusters:

There are 20 clusters represented in this pham: CY3, CY1, E, CZ, DB, singleton, CZ4, DS, FA, FB, FF, DN2, AY, DW, CQ1, FO, CY7, CV, FN, DC1,

Info for manual annotations of cluster AY:
•Start number 22 was manually annotated 1 time for cluster AY.
•Start number 25 was manually annotated 33 times for cluster AY.
•Start number 38 was manually annotated 1 time for cluster AY.

Info for manual annotations of cluster CQ1:

•Start number 25 was manually annotated 1 time for cluster CQ1.

Info for manual annotations of cluster CV:
•Start number 24 was manually annotated 2 times for cluster CV.
•Start number 25 was manually annotated 2 times for cluster CV.

Info for manual annotations of cluster CY1:
•Start number 24 was manually annotated 3 times for cluster CY1.
•Start number 25 was manually annotated 5 times for cluster CY1.

Info for manual annotations of cluster CY3:
•Start number 24 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CY7:
•Start number 25 was manually annotated 1 time for cluster CY7.

Info for manual annotations of cluster CZ:
•Start number 24 was manually annotated 1 time for cluster CZ.

Info for manual annotations of cluster CZ4:
•Start number 24 was manually annotated 4 times for cluster CZ4.
•Start number 25 was manually annotated 16 times for cluster CZ4.

Info for manual annotations of cluster DB:
•Start number 24 was manually annotated 1 time for cluster DB.
•Start number 25 was manually annotated 4 times for cluster DB.

Info for manual annotations of cluster DC1:
•Start number 25 was manually annotated 3 times for cluster DC1.

Info for manual annotations of cluster DN2:
•Start number 24 was manually annotated 2 times for cluster DN2.

Info for manual annotations of cluster DS:
•Start number 30 was manually annotated 1 time for cluster DS.

Info for manual annotations of cluster DW:
•Start number 25 was manually annotated 2 times for cluster DW.

Info for manual annotations of cluster E:
•Start number 26 was manually annotated 132 times for cluster E.
•Start number 28 was manually annotated 1 time for cluster E.
•Start number 34 was manually annotated 1 time for cluster E.

Info for manual annotations of cluster FA:
•Start number 25 was manually annotated 10 times for cluster FA.

Info for manual annotations of cluster FB:
•Start number 25 was manually annotated 1 time for cluster FB.

Info for manual annotations of cluster FF:
•Start number 20 was manually annotated 2 times for cluster FF.
•Start number 25 was manually annotated 20 times for cluster FF.

Info for manual annotations of cluster FN:
•Start number 25 was manually annotated 4 times for cluster FN.

Info for manual annotations of cluster FO:
•Start number 25 was manually annotated 1 time for cluster FO.

Gene Information:

Gene: 244_53 Start: 37711, Stop: 38592, Start Num: 26
Candidate Starts for 244_53:
(Start: 26 @37711 has 132 MA's), (Start: 28 @37723 has 1 MA's), (Start: 34 @37753 has 1 MA's), (39, 37810), (58, 37891), (59, 37915), (61, 37936), (63, 37948), (65, 37957), (70, 37996), (72, 37999), (75, 38026), (78, 38053), (81, 38065), (85, 38119), (92, 38155), (98, 38206), (105, 38254), (119, 38362), (125, 38401), (133, 38443), (138, 38482), (150, 38578), (151, 38584),

Gene: ABCat_50 Start: 38357, Stop: 39238, Start Num: 26
Candidate Starts for ABCat_50:
(Start: 26 @38357 has 132 MA's), (Start: 28 @38369 has 1 MA's), (Start: 34 @38399 has 1 MA's), (39, 38456), (58, 38537), (59, 38561), (61, 38582), (63, 38594), (65, 38603), (70, 38642), (72, 38645), (75, 38672), (78, 38699), (81, 38711), (85, 38765), (92, 38801), (98, 38852), (105, 38900), (119, 39008), (125, 39047), (133, 39089), (138, 39128), (150, 39224), (151, 39230),

Gene: Adnama_56 Start: 38380, Stop: 39261, Start Num: 26
Candidate Starts for Adnama_56:
(Start: 26 @38380 has 132 MA's), (Start: 28 @38392 has 1 MA's), (Start: 34 @38422 has 1 MA's), (39, 38479), (58, 38560), (59, 38584), (61, 38605), (63, 38617), (65, 38626), (70, 38665), (72, 38668), (75, 38695), (78, 38722), (81, 38734), (85, 38788), (92, 38824), (98, 38875), (105, 38923), (119, 39031), (125, 39070), (133, 39112), (138, 39151), (150, 39247), (151, 39253),

Gene: Adora_34 Start: 29404, Stop: 30327, Start Num: 24
Candidate Starts for Adora_34:
(Start: 24 @29404 has 15 MA's), (Start: 25 @29410 has 103 MA's), (53, 29599), (55, 29605), (67, 29707), (72, 29731), (80, 29791), (85, 29848), (87, 29854), (88, 29860), (104, 29974), (105, 29980), (108, 29992), (118, 30067), (121, 30091), (122, 30094), (127, 30130), (128, 30136), (133, 30169), (137, 30205), (144, 30250),

Gene: Aikyam_33 Start: 22410, Stop: 23327, Start Num: 25
Candidate Starts for Aikyam_33:
(11, 22281), (14, 22287), (Start: 25 @22410 has 103 MA's), (44, 22566), (48, 22581), (51, 22593), (73, 22740), (74, 22749), (79, 22788), (82, 22833), (87, 22857), (88, 22863), (93, 22896), (99, 22938), (101, 22947), (106, 22989), (118, 23073), (135, 23193), (137, 23208),

Gene: AllBusiness_33 Start: 27251, Stop: 28171, Start Num: 25
Candidate Starts for AllBusiness_33:
(Start: 20 @27209 has 2 MA's), (Start: 25 @27251 has 103 MA's), (29, 27275), (Start: 38 @27365 has 1 MA's), (44, 27407), (49, 27425), (51, 27437), (59, 27494), (73, 27584), (79, 27632), (82, 27677), (87, 27701), (88, 27707), (93, 27740), (99, 27782), (106, 27833), (118, 27917), (132, 28013), (135, 28037), (139, 28058), (149, 28142),

Gene: Amao_52 Start: 37475, Stop: 38356, Start Num: 26

Candidate Starts for Amao_52:
(Start: 26 @37475 has 132 MA's), (Start: 28 @37487 has 1 MA's), (Start: 34 @37517 has 1 MA's), (39, 37574), (58, 37655), (59, 37679), (61, 37700), (63, 37712), (65, 37721), (70, 37760), (72, 37763), (75, 37790), (78, 37817), (81, 37829), (85, 37883), (92, 37919), (98, 37970), (105, 38018), (119, 38126), (125, 38165), (133, 38207), (138, 38246), (150, 38342), (151, 38348),

Gene: AmericanBeauty_56 Start: 38225, Stop: 39106, Start Num: 26
Candidate Starts for AmericanBeauty_56:
(Start: 26 @38225 has 132 MA's), (Start: 28 @38237 has 1 MA's), (Start: 34 @38267 has 1 MA's), (39, 38324), (58, 38405), (59, 38429), (61, 38450), (63, 38462), (65, 38471), (70, 38510), (72, 38513), (75, 38540), (78, 38567), (81, 38579), (85, 38633), (92, 38669), (98, 38720), (105, 38768), (119, 38876), (125, 38915), (133, 38957), (138, 38996), (150, 39092), (151, 39098),

Gene: Anekin_34 Start: 24275, Stop: 25195, Start Num: 25
Candidate Starts for Anekin_34:
(11, 24146), (17, 24173), (Start: 20 @24233 has 2 MA's), (Start: 25 @24275 has 103 MA's), (Start: 38 @24389 has 1 MA's), (42, 24404), (44, 24431), (49, 24449), (59, 24518), (73, 24608), (74, 24617), (79, 24656), (87, 24725), (88, 24731), (93, 24764), (99, 24806), (101, 24815),

Gene: Annalisa_34 Start: 27182, Stop: 28099, Start Num: 25
Candidate Starts for Annalisa_34:
(Start: 24 @27176 has 15 MA's), (Start: 25 @27182 has 103 MA's), (53, 27371), (55, 27377), (67, 27479), (72, 27503), (80, 27563), (85, 27620), (87, 27626), (88, 27632), (104, 27746), (105, 27752), (108, 27764), (118, 27839), (121, 27863), (122, 27866), (127, 27902), (128, 27908), (130, 27920), (144, 28022),

Gene: ArchiDore_37 Start: 30835, Stop: 31752, Start Num: 25
Candidate Starts for ArchiDore_37:
(Start: 24 @30829 has 15 MA's), (Start: 25 @30835 has 103 MA's), (41, 30955), (53, 31024), (55, 31030), (62, 31102), (70, 31153), (80, 31216), (84, 31270), (87, 31279), (91, 31300), (92, 31309), (95, 31339), (116, 31471), (118, 31492), (121, 31516), (122, 31519), (124, 31540), (127, 31555), (128, 31561), (137, 31630), (153, 31744),

Gene: Argent26_55 Start: 37863, Stop: 38744, Start Num: 26
Candidate Starts for Argent26_55:
(Start: 26 @37863 has 132 MA's), (Start: 28 @37875 has 1 MA's), (Start: 34 @37905 has 1 MA's), (39, 37962), (58, 38043), (59, 38067), (61, 38088), (63, 38100), (65, 38109), (70, 38148), (72, 38151), (75, 38178), (78, 38205), (81, 38217), (85, 38271), (92, 38307), (98, 38358), (105, 38406), (119, 38514), (125, 38553), (133, 38595), (138, 38634), (150, 38730), (151, 38736),

Gene: Asriel_52 Start: 36717, Stop: 37598, Start Num: 26
Candidate Starts for Asriel_52:
(Start: 26 @36717 has 132 MA's), (Start: 28 @36729 has 1 MA's), (Start: 34 @36759 has 1 MA's), (39, 36816), (58, 36897), (59, 36921), (61, 36942), (63, 36954), (65, 36963), (70, 37002), (72, 37005), (75, 37032), (78, 37059), (81, 37071), (85, 37125), (92, 37161), (98, 37212), (105, 37260), (119, 37368), (125, 37407), (133, 37449), (138, 37488), (150, 37584), (151, 37590),

Gene: Auxilium_34 Start: 22112, Stop: 23029, Start Num: 25
Candidate Starts for Auxilium_34:
(11, 21983), (14, 21989), (Start: 25 @22112 has 103 MA's), (44, 22268), (48, 22283), (51, 22295), (73, 22442), (74, 22451), (79, 22490), (82, 22535), (87, 22559), (88, 22565), (93, 22598), (99, 22640), (101, 22649), (106, 22691), (118, 22775), (135, 22895), (137, 22910),

Gene: BBQValindra_35 Start: 29573, Stop: 30496, Start Num: 24
Candidate Starts for BBQValindra_35:
(Start: 24 @29573 has 15 MA's), (Start: 25 @29579 has 103 MA's), (53, 29768), (55, 29774), (72, 29900), (77, 29945), (80, 29960), (87, 30023), (91, 30044), (105, 30149), (108, 30161), (116, 30215), (118, 30236), (122, 30263), (145, 30440), (149, 30467),

Gene: BaboJay_48 Start: 37263, Stop: 38144, Start Num: 26
Candidate Starts for BaboJay_48:
(Start: 26 @37263 has 132 MA's), (Start: 28 @37275 has 1 MA's), (Start: 34 @37305 has 1 MA's), (39, 37362), (58, 37443), (59, 37467), (61, 37488), (63, 37500), (65, 37509), (70, 37548), (72, 37551), (75, 37578), (78, 37605), (81, 37617), (85, 37671), (92, 37707), (98, 37758), (105, 37806), (119, 37914), (125, 37953), (133, 37995), (138, 38034), (150, 38130), (151, 38136),

Gene: BadStone_50 Start: 37926, Stop: 38807, Start Num: 26
Candidate Starts for BadStone_50:
(Start: 26 @37926 has 132 MA's), (Start: 28 @37938 has 1 MA's), (Start: 34 @37968 has 1 MA's), (39, 38025), (58, 38106), (59, 38130), (61, 38151), (63, 38163), (65, 38172), (70, 38211), (72, 38214), (75, 38241), (78, 38268), (81, 38280), (85, 38334), (92, 38370), (98, 38421), (105, 38469), (119, 38577), (125, 38616), (133, 38658), (138, 38697), (150, 38793), (151, 38799),

Gene: Bakery_42 Start: 33465, Stop: 34382, Start Num: 25
Candidate Starts for Bakery_42:
(Start: 24 @33459 has 15 MA's), (Start: 25 @33465 has 103 MA's), (40, 33582), (41, 33585), (52, 33648), (53, 33654), (55, 33660), (80, 33846), (84, 33900), (85, 33903), (87, 33909), (91, 33930), (104, 34029), (105, 34035), (108, 34047), (118, 34122), (122, 34149), (132, 34221), (137, 34260), (153, 34374),

Gene: Ball_25 Start: 21363, Stop: 22283, Start Num: 25
Candidate Starts for Ball_25:
(Start: 25 @21363 has 103 MA's), (29, 21387), (Start: 38 @21477 has 1 MA's), (44, 21519), (49, 21537), (51, 21549), (59, 21606), (61, 21627), (73, 21696), (74, 21705), (79, 21744), (87, 21813), (88, 21819), (93, 21852), (96, 21876), (99, 21894), (106, 21945), (108, 21951), (110, 21963), (135, 22149), (139, 22170), (148, 22251), (149, 22254),

Gene: Balomoji_51 Start: 38194, Stop: 39075, Start Num: 26
Candidate Starts for Balomoji_51:
(Start: 26 @38194 has 132 MA's), (Start: 28 @38206 has 1 MA's), (Start: 34 @38236 has 1 MA's), (39, 38293), (58, 38374), (59, 38398), (61, 38419), (63, 38431), (65, 38440), (70, 38479), (72, 38482), (75, 38509), (78, 38536), (81, 38548), (85, 38602), (92, 38638), (98, 38689), (105, 38737), (119, 38845), (125, 38884), (133, 38926), (138, 38965), (150, 39061), (151, 39067),

Gene: Barbarian_52 Start: 36717, Stop: 37598, Start Num: 26
Candidate Starts for Barbarian_52:
(Start: 26 @36717 has 132 MA's), (Start: 28 @36729 has 1 MA's), (Start: 34 @36759 has 1 MA's), (39, 36816), (58, 36897), (59, 36921), (61, 36942), (63, 36954), (65, 36963), (70, 37002), (72, 37005), (75, 37032), (78, 37059), (81, 37071), (85, 37125), (92, 37161), (98, 37212), (105, 37260), (119, 37368), (125, 37407), (133, 37449), (138, 37488), (150, 37584), (151, 37590),

Gene: Bask21_53 Start: 37051, Stop: 37932, Start Num: 26
Candidate Starts for Bask21_53:
(Start: 26 @37051 has 132 MA's), (Start: 28 @37063 has 1 MA's), (Start: 34 @37093 has 1 MA's), (39, 37150), (58, 37231), (59, 37255), (61, 37276), (63, 37288), (65, 37297), (70, 37336), (72, 37339), (75, 37366), (78, 37393), (81, 37405), (85, 37459), (92, 37495), (98, 37546), (105, 37594), (119, 37702),

(125, 37741), (133, 37783), (138, 37822), (150, 37918), (151, 37924),

Gene: BasketStar_36 Start: 24585, Stop: 25544, Start Num: 20
Candidate Starts for BasketStar_36:
(Start: 20 @24585 has 2 MA's), (Start: 22 @24609 has 1 MA's), (Start: 25 @24627 has 103 MA's), (48, 24798), (51, 24810), (71, 24951), (73, 24957), (79, 25005), (82, 25050), (87, 25074), (88, 25080), (90, 25089), (93, 25113), (99, 25155), (101, 25164), (102, 25167), (108, 25212), (118, 25290), (135, 25410), (137, 25425),

Gene: Bauer_32 Start: 24145, Stop: 25065, Start Num: 25
Candidate Starts for Bauer_32:
(Start: 25 @24145 has 103 MA's), (Start: 38 @24259 has 1 MA's), (44, 24301), (49, 24319), (51, 24331), (59, 24388), (73, 24478), (79, 24526), (87, 24595), (88, 24601), (93, 24634), (96, 24658), (135, 24931), (137, 24946), (139, 24952),

Gene: Becksu_53 Start: 38260, Stop: 39141, Start Num: 26
Candidate Starts for Becksu_53:
(Start: 26 @38260 has 132 MA's), (Start: 28 @38272 has 1 MA's), (Start: 34 @38302 has 1 MA's), (39, 38359), (58, 38440), (59, 38464), (61, 38485), (63, 38497), (65, 38506), (70, 38545), (72, 38548), (75, 38575), (78, 38602), (81, 38614), (85, 38668), (92, 38704), (98, 38755), (105, 38803), (119, 38911), (125, 38950), (133, 38992), (138, 39031), (150, 39127), (151, 39133),

Gene: Beenie_30 Start: 27395, Stop: 28312, Start Num: 25
Candidate Starts for Beenie_30:
(Start: 24 @27389 has 15 MA's), (Start: 25 @27395 has 103 MA's), (53, 27584), (55, 27590), (67, 27692), (72, 27716), (80, 27776), (85, 27833), (87, 27839), (88, 27845), (104, 27959), (105, 27965), (108, 27977), (118, 28052), (121, 28076), (122, 28079), (127, 28115), (128, 28121), (133, 28154), (144, 28235),

Gene: BellaJr_33 Start: 25121, Stop: 26041, Start Num: 25
Candidate Starts for BellaJr_33:
(2, 24830), (4, 24842), (6, 24908), (13, 24998), (Start: 25 @25121 has 103 MA's), (Start: 38 @25235 has 1 MA's), (47, 25286), (49, 25295), (51, 25307), (59, 25364), (73, 25454), (79, 25502), (87, 25571), (88, 25577), (93, 25610), (96, 25634), (135, 25907), (137, 25922), (139, 25928),

Gene: Bench_54 Start: 37695, Stop: 38576, Start Num: 26
Candidate Starts for Bench_54:
(Start: 26 @37695 has 132 MA's), (Start: 28 @37707 has 1 MA's), (Start: 34 @37737 has 1 MA's), (39, 37794), (58, 37875), (59, 37899), (61, 37920), (63, 37932), (65, 37941), (70, 37980), (72, 37983), (75, 38010), (78, 38037), (81, 38049), (85, 38103), (92, 38139), (98, 38190), (105, 38238), (119, 38346), (125, 38385), (133, 38427), (138, 38466), (150, 38562), (151, 38568),

Gene: BenchScraper_36 Start: 24587, Stop: 25504, Start Num: 25
Candidate Starts for BenchScraper_36:
(11, 24458), (14, 24464), (Start: 25 @24587 has 103 MA's), (44, 24743), (48, 24758), (51, 24770), (73, 24917), (79, 24965), (82, 25010), (87, 25034), (88, 25040), (93, 25073), (101, 25124), (118, 25250), (122, 25277), (135, 25370), (149, 25475),

Gene: BigBubba_53 Start: 37736, Stop: 38617, Start Num: 26
Candidate Starts for BigBubba_53:
(Start: 26 @37736 has 132 MA's), (Start: 28 @37748 has 1 MA's), (Start: 34 @37778 has 1 MA's), (39, 37835), (58, 37916), (59, 37940), (61, 37961), (63, 37973), (65, 37982), (70, 38021), (72, 38024), (75, 38051), (78, 38078), (81, 38090), (85, 38144), (92, 38180), (98, 38231), (105, 38279), (119, 38387),

(125, 38426), (133, 38468), (138, 38507), (150, 38603), (151, 38609),

Gene: BigSherm_36 Start: 26331, Stop: 27293, Start Num: 20
Candidate Starts for BigSherm_36:
(Start: 20 @26331 has 2 MA's), (Start: 25 @26373 has 103 MA's), (44, 26529), (49, 26547), (51, 26559), (57, 26583), (73, 26706), (74, 26715), (79, 26754), (80, 26760), (84, 26814), (87, 26823), (88, 26829), (93, 26862), (96, 26886), (99, 26904), (102, 26916), (106, 26955), (132, 27135), (135, 27159), (137, 27174), (139, 27180), (148, 27261), (149, 27264),

Gene: BilboSwaggins_51 Start: 38365, Stop: 39246, Start Num: 26
Candidate Starts for BilboSwaggins_51:
(Start: 26 @38365 has 132 MA's), (Start: 28 @38377 has 1 MA's), (Start: 34 @38407 has 1 MA's), (39, 38464), (58, 38545), (59, 38569), (61, 38590), (63, 38602), (65, 38611), (70, 38650), (72, 38653), (75, 38680), (78, 38707), (81, 38719), (85, 38773), (92, 38809), (98, 38860), (105, 38908), (119, 39016), (125, 39055), (133, 39097), (138, 39136), (150, 39232), (151, 39238),

Gene: BillyTP_37 Start: 25308, Stop: 26225, Start Num: 25
Candidate Starts for BillyTP_37:
(11, 25179), (14, 25185), (Start: 25 @25308 has 103 MA's), (44, 25464), (48, 25479), (51, 25491), (73, 25638), (74, 25647), (79, 25686), (82, 25731), (87, 25755), (88, 25761), (93, 25794), (99, 25836), (101, 25845), (106, 25887), (118, 25971), (135, 26091), (137, 26106),

Gene: BlackSpider_31 Start: 24033, Stop: 24953, Start Num: 25
Candidate Starts for BlackSpider_31:
(2, 23742), (4, 23754), (6, 23820), (13, 23910), (Start: 25 @24033 has 103 MA's), (Start: 38 @24147 has 1 MA's), (47, 24198), (49, 24207), (51, 24219), (59, 24276), (73, 24366), (79, 24414), (87, 24483), (88, 24489), (90, 24498), (93, 24522), (96, 24546), (120, 24720), (135, 24819), (136, 24825), (137, 24834), (139, 24840),

Gene: BlingBling_33 Start: 29081, Stop: 30001, Start Num: 25
Candidate Starts for BlingBling_33:
(Start: 24 @29075 has 15 MA's), (Start: 25 @29081 has 103 MA's), (40, 29198), (41, 29201), (52, 29264), (53, 29270), (55, 29276), (80, 29462), (84, 29516), (85, 29519), (87, 29525), (91, 29546), (104, 29645), (105, 29651), (108, 29663), (118, 29738), (122, 29765), (127, 29801), (137, 29876),

Gene: BlueShadow_36 Start: 24572, Stop: 25489, Start Num: 25
Candidate Starts for BlueShadow_36:
(11, 24443), (14, 24449), (Start: 25 @24572 has 103 MA's), (44, 24728), (48, 24743), (51, 24755), (73, 24902), (79, 24950), (82, 24995), (84, 25010), (87, 25019), (88, 25025), (93, 25058), (99, 25100), (101, 25109), (106, 25151), (118, 25235), (135, 25355), (137, 25370), (149, 25460),

Gene: Bogg_52 Start: 37009, Stop: 37890, Start Num: 26
Candidate Starts for Bogg_52:
(Start: 26 @37009 has 132 MA's), (Start: 28 @37021 has 1 MA's), (Start: 34 @37051 has 1 MA's), (39, 37108), (58, 37189), (59, 37213), (61, 37234), (63, 37246), (65, 37255), (70, 37294), (72, 37297), (75, 37324), (78, 37351), (81, 37363), (85, 37417), (92, 37453), (98, 37504), (105, 37552), (119, 37660), (125, 37699), (133, 37741), (138, 37780), (150, 37876), (151, 37882),

Gene: Bowser_37 Start: 29401, Stop: 30318, Start Num: 25
Candidate Starts for Bowser_37:
(Start: 24 @29395 has 15 MA's), (Start: 25 @29401 has 103 MA's), (Start: 30 @29425 has 1 MA's), (41, 29521), (53, 29590), (55, 29596), (67, 29698), (70, 29719), (80, 29782), (84, 29836), (87, 29845), (91, 29866), (92, 29875), (95, 29905), (116, 30037), (118, 30058), (121, 30082), (122, 30085), (127,

30121), (131, 30142),

Gene: Bradissa_35 Start: 30283, Stop: 31200, Start Num: 25
Candidate Starts for Bradissa_35:
(Start: 24 @30277 has 15 MA's), (Start: 25 @30283 has 103 MA's), (Start: 30 @30307 has 1 MA's), (41, 30403), (55, 30478), (62, 30550), (70, 30601), (80, 30664), (84, 30718), (87, 30727), (91, 30748), (92, 30757), (95, 30787), (105, 30853), (116, 30919), (118, 30940), (122, 30967), (127, 31003),

Gene: Brewer_47 Start: 36525, Stop: 37406, Start Num: 26
Candidate Starts for Brewer_47:
(Start: 26 @36525 has 132 MA's), (Start: 28 @36537 has 1 MA's), (Start: 34 @36567 has 1 MA's), (39, 36624), (58, 36705), (59, 36729), (61, 36750), (63, 36762), (65, 36771), (70, 36810), (72, 36813), (75, 36840), (78, 36867), (81, 36879), (85, 36933), (92, 36969), (98, 37020), (105, 37068), (119, 37176), (125, 37215), (133, 37257), (138, 37296), (150, 37392), (151, 37398),

Gene: Bridgette_34 Start: 24627, Stop: 25547, Start Num: 25
Candidate Starts for Bridgette_34:
(11, 24498), (14, 24504), (Start: 25 @24627 has 103 MA's), (44, 24783), (49, 24801), (51, 24813), (73, 24960), (74, 24969), (79, 25008), (87, 25077), (88, 25083), (93, 25116), (99, 25158), (102, 25170), (132, 25389), (135, 25413), (137, 25428), (139, 25434), (148, 25515), (149, 25518),

Gene: Bruin_48 Start: 36604, Stop: 37485, Start Num: 26
Candidate Starts for Bruin_48:
(Start: 26 @36604 has 132 MA's), (Start: 28 @36616 has 1 MA's), (Start: 34 @36646 has 1 MA's), (39, 36703), (58, 36784), (59, 36808), (61, 36829), (63, 36841), (65, 36850), (70, 36889), (72, 36892), (75, 36919), (78, 36946), (81, 36958), (85, 37012), (92, 37048), (98, 37099), (105, 37147), (119, 37255), (125, 37294), (133, 37336), (138, 37375), (150, 37471), (151, 37477),

Gene: Buck_53 Start: 38311, Stop: 39192, Start Num: 26
Candidate Starts for Buck_53:
(Start: 26 @38311 has 132 MA's), (Start: 28 @38323 has 1 MA's), (Start: 34 @38353 has 1 MA's), (39, 38410), (58, 38491), (59, 38515), (61, 38536), (63, 38548), (65, 38557), (70, 38596), (72, 38599), (75, 38626), (78, 38653), (81, 38665), (85, 38719), (92, 38755), (98, 38806), (105, 38854), (119, 38962), (125, 39001), (133, 39043), (138, 39082), (150, 39178), (151, 39184),

Gene: Budgie_60 Start: 38853, Stop: 39737, Start Num: 26
Candidate Starts for Budgie_60:
(Start: 26 @38853 has 132 MA's), (Start: 28 @38865 has 1 MA's), (Start: 34 @38895 has 1 MA's), (39, 38952), (56, 39024), (58, 39033), (59, 39057), (61, 39078), (63, 39090), (70, 39138), (72, 39141), (75, 39168), (78, 39195), (81, 39207), (92, 39297), (98, 39348), (105, 39396), (114, 39465), (119, 39504), (133, 39585), (138, 39624),

Gene: BugsBunny_53 Start: 38142, Stop: 39023, Start Num: 26
Candidate Starts for BugsBunny_53:
(Start: 26 @38142 has 132 MA's), (Start: 28 @38154 has 1 MA's), (Start: 34 @38184 has 1 MA's), (39, 38241), (58, 38322), (59, 38346), (61, 38367), (63, 38379), (65, 38388), (70, 38427), (72, 38430), (75, 38457), (78, 38484), (81, 38496), (85, 38550), (92, 38586), (98, 38637), (105, 38685), (119, 38793), (125, 38832), (133, 38874), (138, 38913), (150, 39009), (151, 39015),

Gene: Bunker_34 Start: 28706, Stop: 29623, Start Num: 25
Candidate Starts for Bunker_34:
(Start: 24 @28700 has 15 MA's), (Start: 25 @28706 has 103 MA's), (53, 28895), (55, 28901), (67, 29003), (80, 29087), (85, 29144), (87, 29150), (88, 29156), (91, 29171), (105, 29276), (108, 29288),

(118, 29363), (122, 29390),

Gene: Bunnybear_32 Start: 28492, Stop: 29415, Start Num: 24
Candidate Starts for Bunnybear_32:
(Start: 24 @28492 has 15 MA's), (Start: 25 @28498 has 103 MA's), (Start: 30 @28522 has 1 MA's), (41, 28618), (53, 28687), (55, 28693), (67, 28795), (70, 28816), (80, 28879), (84, 28933), (87, 28942), (91, 28963), (92, 28972), (95, 29002), (105, 29068), (110, 29092), (116, 29134), (118, 29155), (122, 29182), (127, 29218), (128, 29224),

Gene: Cactus_54 Start: 37084, Stop: 37965, Start Num: 26
Candidate Starts for Cactus_54:
(Start: 26 @37084 has 132 MA's), (Start: 28 @37096 has 1 MA's), (Start: 34 @37126 has 1 MA's), (39, 37183), (58, 37264), (59, 37288), (61, 37309), (63, 37321), (65, 37330), (70, 37369), (72, 37372), (75, 37399), (78, 37426), (81, 37438), (85, 37492), (92, 37528), (98, 37579), (105, 37627), (119, 37735), (125, 37774), (133, 37816), (138, 37855), (150, 37951), (151, 37957),

Gene: Cassini_27 Start: 22014, Stop: 22931, Start Num: 25
Candidate Starts for Cassini_27:
(Start: 20 @21975 has 2 MA's), (Start: 25 @22014 has 103 MA's), (39, 22134), (44, 22170), (48, 22185), (51, 22197), (73, 22344), (79, 22392), (82, 22437), (84, 22452), (87, 22461), (88, 22467), (93, 22500), (99, 22542), (101, 22551), (102, 22554), (108, 22599), (118, 22677), (135, 22797), (137, 22812), (149, 22902),

Gene: ChosenOne_53 Start: 37384, Stop: 38265, Start Num: 26
Candidate Starts for ChosenOne_53:
(Start: 26 @37384 has 132 MA's), (Start: 28 @37396 has 1 MA's), (Start: 34 @37426 has 1 MA's), (39, 37483), (58, 37564), (59, 37588), (61, 37609), (63, 37621), (65, 37630), (70, 37669), (72, 37672), (75, 37699), (78, 37726), (81, 37738), (85, 37792), (92, 37828), (98, 37879), (105, 37927), (119, 38035), (125, 38074), (133, 38116), (138, 38155), (150, 38251), (151, 38257),

Gene: ChotaBhai_52 Start: 37406, Stop: 38287, Start Num: 26
Candidate Starts for ChotaBhai_52:
(Start: 26 @37406 has 132 MA's), (Start: 28 @37418 has 1 MA's), (Start: 34 @37448 has 1 MA's), (39, 37505), (54, 37571), (58, 37586), (59, 37610), (61, 37631), (63, 37643), (65, 37652), (70, 37691), (72, 37694), (75, 37721), (78, 37748), (81, 37760), (85, 37814), (92, 37850), (98, 37901), (105, 37949), (119, 38057), (125, 38096), (133, 38138), (138, 38177), (150, 38273), (151, 38279),

Gene: ChuckDuck_35 Start: 24394, Stop: 25314, Start Num: 25
Candidate Starts for ChuckDuck_35:
(Start: 25 @24394 has 103 MA's), (44, 24550), (49, 24568), (51, 24580), (73, 24727), (74, 24736), (79, 24775), (87, 24844), (88, 24850), (93, 24883), (99, 24925), (106, 24976), (109, 24985), (132, 25156), (135, 25180), (137, 25195), (139, 25201), (148, 25282), (149, 25285),

Gene: Cjw1_52 Start: 38785, Stop: 39666, Start Num: 26
Candidate Starts for Cjw1_52:
(Start: 26 @38785 has 132 MA's), (Start: 28 @38797 has 1 MA's), (Start: 34 @38827 has 1 MA's), (39, 38884), (58, 38965), (59, 38989), (61, 39010), (63, 39022), (65, 39031), (70, 39070), (72, 39073), (75, 39100), (78, 39127), (81, 39139), (85, 39193), (92, 39229), (98, 39280), (105, 39328), (119, 39436), (125, 39475), (133, 39517), (138, 39556), (150, 39652), (151, 39658),

Gene: Clark_36 Start: 27206, Stop: 28129, Start Num: 24
Candidate Starts for Clark_36:

(Start: 24 @27206 has 15 MA's), (Start: 25 @27212 has 103 MA's), (53, 27401), (55, 27407), (67, 27509), (72, 27533), (80, 27593), (85, 27650), (87, 27656), (88, 27662), (104, 27776), (105, 27782), (108, 27794), (118, 27869), (121, 27893), (122, 27896), (127, 27932), (128, 27938), (133, 27971), (144, 28052),

Gene: Cole_34 Start: 26120, Stop: 27040, Start Num: 25
Candidate Starts for Cole_34:
(Start: 20 @26078 has 2 MA's), (Start: 25 @26120 has 103 MA's), (44, 26276), (46, 26282), (49, 26294), (51, 26306), (73, 26453), (74, 26462), (79, 26501), (83, 26558), (87, 26570), (88, 26576), (93, 26609), (96, 26633), (99, 26651), (102, 26663), (106, 26702), (128, 26852), (132, 26882), (135, 26906), (139, 26927), (148, 27008), (149, 27011),

Gene: Command613_54 Start: 38123, Stop: 39004, Start Num: 26
Candidate Starts for Command613_54:
(Start: 26 @38123 has 132 MA's), (Start: 28 @38135 has 1 MA's), (Start: 34 @38165 has 1 MA's), (39, 38222), (58, 38303), (59, 38327), (61, 38348), (63, 38360), (65, 38369), (70, 38408), (72, 38411), (75, 38438), (78, 38465), (81, 38477), (85, 38531), (92, 38567), (98, 38618), (105, 38666), (119, 38774), (125, 38813), (133, 38855), (138, 38894), (150, 38990), (151, 38996),

Gene: Confidence_36 Start: 28133, Stop: 29050, Start Num: 25
Candidate Starts for Confidence_36:
(Start: 24 @28127 has 15 MA's), (Start: 25 @28133 has 103 MA's), (Start: 30 @28157 has 1 MA's), (41, 28253), (53, 28322), (55, 28328), (70, 28451), (80, 28514), (84, 28568), (87, 28577), (91, 28598), (92, 28607), (95, 28637), (118, 28790), (122, 28817), (127, 28853),

Gene: Constance_34 Start: 24866, Stop: 25786, Start Num: 25
Candidate Starts for Constance_34:
(Start: 25 @24866 has 103 MA's), (44, 25022), (49, 25040), (51, 25052), (73, 25199), (74, 25208), (79, 25247), (87, 25316), (88, 25322), (93, 25355), (99, 25397), (106, 25448), (132, 25628), (135, 25652), (137, 25667), (139, 25673), (148, 25754), (149, 25757),

Gene: Contagion_49 Start: 36885, Stop: 37766, Start Num: 26
Candidate Starts for Contagion_49:
(Start: 26 @36885 has 132 MA's), (Start: 28 @36897 has 1 MA's), (Start: 34 @36927 has 1 MA's), (39, 36984), (58, 37065), (59, 37089), (61, 37110), (63, 37122), (65, 37131), (70, 37170), (72, 37173), (75, 37200), (78, 37227), (81, 37239), (85, 37293), (92, 37329), (98, 37380), (105, 37428), (119, 37536), (125, 37575), (133, 37617), (138, 37656), (150, 37752), (151, 37758),

Gene: CookieBear_36 Start: 24572, Stop: 25489, Start Num: 25
Candidate Starts for CookieBear_36:
(11, 24443), (14, 24449), (Start: 25 @24572 has 103 MA's), (44, 24728), (48, 24743), (51, 24755), (73, 24902), (74, 24911), (79, 24950), (82, 24995), (87, 25019), (88, 25025), (93, 25058), (99, 25100), (101, 25109), (106, 25151), (118, 25235), (135, 25355), (137, 25370),

Gene: Cookies_49 Start: 37256, Stop: 38137, Start Num: 26
Candidate Starts for Cookies_49:
(Start: 26 @37256 has 132 MA's), (Start: 28 @37268 has 1 MA's), (Start: 34 @37298 has 1 MA's), (39, 37355), (58, 37436), (59, 37460), (61, 37481), (63, 37493), (65, 37502), (70, 37541), (72, 37544), (75, 37571), (78, 37598), (81, 37610), (85, 37664), (92, 37700), (98, 37751), (105, 37799), (119, 37907), (125, 37946), (133, 37988), (138, 38027), (150, 38123), (151, 38129),

Gene: CosmicBrownie_36 Start: 24392, Stop: 25312, Start Num: 25
Candidate Starts for CosmicBrownie_36:

(11, 24263), (14, 24269), (Start: 25 @24392 has 103 MA's), (Start: 38 @24506 has 1 MA's), (47, 24557), (49, 24566), (51, 24578), (59, 24635), (73, 24725), (74, 24734), (79, 24773), (87, 24842), (88, 24848), (90, 24857), (93, 24881), (96, 24905), (120, 25079), (135, 25178), (137, 25193), (139, 25199),

Gene: Crescenzo_35 Start: 24998, Stop: 25918, Start Num: 25
Candidate Starts for Crescenzo_35:
(Start: 20 @24956 has 2 MA's), (Start: 25 @24998 has 103 MA's), (Start: 38 @25112 has 1 MA's), (44, 25154), (49, 25172), (51, 25184), (59, 25241), (73, 25331), (74, 25340), (79, 25379), (87, 25448), (88, 25454), (90, 25463), (93, 25487),

Gene: CrystalP_52 Start: 38365, Stop: 39246, Start Num: 26
Candidate Starts for CrystalP_52:
(Start: 26 @38365 has 132 MA's), (Start: 28 @38377 has 1 MA's), (Start: 34 @38407 has 1 MA's), (39, 38464), (58, 38545), (59, 38569), (61, 38590), (63, 38602), (65, 38611), (70, 38650), (72, 38653), (75, 38680), (78, 38707), (81, 38719), (85, 38773), (92, 38809), (98, 38860), (105, 38908), (119, 39016), (125, 39055), (133, 39097), (138, 39136), (150, 39232), (151, 39238),

Gene: Culver_60 Start: 37716, Stop: 38639, Start Num: 25
Candidate Starts for Culver_60:
(Start: 24 @37710 has 15 MA's), (Start: 25 @37716 has 103 MA's), (Start: 30 @37746 has 1 MA's), (39, 37836), (51, 37902), (53, 37911), (55, 37917), (61, 37980), (67, 38019), (77, 38088), (82, 38142), (85, 38160), (86, 38163), (87, 38166), (91, 38187), (102, 38259), (103, 38283), (104, 38286), (105, 38292), (108, 38304), (114, 38352), (115, 38355), (118, 38379), (121, 38403), (127, 38442), (137, 38517), (143, 38556),

Gene: Czyszczon1_53 Start: 37594, Stop: 38475, Start Num: 26
Candidate Starts for Czyszczon1_53:
(Start: 26 @37594 has 132 MA's), (Start: 28 @37606 has 1 MA's), (Start: 34 @37636 has 1 MA's), (39, 37693), (58, 37774), (59, 37798), (61, 37819), (63, 37831), (65, 37840), (70, 37879), (72, 37882), (75, 37909), (78, 37936), (81, 37948), (85, 38002), (92, 38038), (98, 38089), (105, 38137), (119, 38245), (125, 38284), (133, 38326), (138, 38365), (150, 38461), (151, 38467),

Gene: Daikon_53 Start: 38215, Stop: 39096, Start Num: 26
Candidate Starts for Daikon_53:
(Start: 26 @38215 has 132 MA's), (Start: 28 @38227 has 1 MA's), (Start: 34 @38257 has 1 MA's), (39, 38314), (58, 38395), (59, 38419), (61, 38440), (63, 38452), (65, 38461), (70, 38500), (72, 38503), (75, 38530), (78, 38557), (81, 38569), (85, 38623), (92, 38659), (98, 38710), (105, 38758), (119, 38866), (125, 38905), (133, 38947), (138, 38986), (150, 39082), (151, 39088),

Gene: DarwinJr_39 Start: 25983, Stop: 26903, Start Num: 25
Candidate Starts for DarwinJr_39:
(11, 25854), (17, 25881), (Start: 20 @25941 has 2 MA's), (Start: 25 @25983 has 103 MA's), (39, 26103), (49, 26157), (73, 26316), (79, 26364), (82, 26409), (87, 26433), (88, 26439), (93, 26472), (102, 26526), (110, 26583), (118, 26649), (135, 26769), (137, 26784), (149, 26874),

Gene: Dirtdigger_36 Start: 26196, Stop: 27113, Start Num: 25
Candidate Starts for Dirtdigger_36:
(Start: 25 @26196 has 103 MA's), (44, 26352), (51, 26379), (59, 26436), (73, 26526), (74, 26535), (79, 26574), (82, 26619), (87, 26643), (88, 26649), (91, 26664), (93, 26682), (99, 26724), (106, 26775), (118, 26859), (122, 26886), (132, 26955), (147, 27075),

Gene: Dmitri_36 Start: 30429, Stop: 31346, Start Num: 25
Candidate Starts for Dmitri_36:

(Start: 24 @30423 has 15 MA's), (Start: 25 @30429 has 103 MA's), (Start: 30 @30453 has 1 MA's), (41, 30549), (53, 30618), (55, 30624), (70, 30747), (80, 30810), (84, 30864), (87, 30873), (91, 30894), (92, 30903), (95, 30933), (118, 31086), (122, 31113), (127, 31149), (128, 31155), (148, 31314),

Gene: DobbysSock_30 Start: 26128, Stop: 27051, Start Num: 24
Candidate Starts for DobbysSock_30:
(Start: 24 @26128 has 15 MA's), (Start: 25 @26134 has 103 MA's), (53, 26323), (55, 26329), (67, 26431), (72, 26455), (80, 26515), (85, 26572), (87, 26578), (88, 26584), (104, 26698), (105, 26704), (108, 26716), (118, 26791), (121, 26815), (122, 26818), (127, 26854), (128, 26860), (133, 26893), (144, 26974),

Gene: DoctorDiddles_52 Start: 37442, Stop: 38323, Start Num: 26
Candidate Starts for DoctorDiddles_52:
(Start: 26 @37442 has 132 MA's), (Start: 28 @37454 has 1 MA's), (Start: 34 @37484 has 1 MA's), (39, 37541), (58, 37622), (59, 37646), (61, 37667), (63, 37679), (65, 37688), (70, 37727), (72, 37730), (75, 37757), (78, 37784), (81, 37796), (85, 37850), (92, 37886), (98, 37937), (105, 37985), (119, 38093), (125, 38132), (133, 38174), (138, 38213), (150, 38309), (151, 38315),

Gene: Dolores_37 Start: 28084, Stop: 29001, Start Num: 25
Candidate Starts for Dolores_37:
(Start: 24 @28078 has 15 MA's), (Start: 25 @28084 has 103 MA's), (53, 28273), (55, 28279), (67, 28381), (72, 28405), (80, 28465), (85, 28522), (87, 28528), (88, 28534), (104, 28648), (105, 28654), (108, 28666), (118, 28741), (121, 28765), (122, 28768), (127, 28804), (128, 28810), (130, 28822), (144, 28924),

Gene: Donatella_35 Start: 26584, Stop: 27504, Start Num: 25
Candidate Starts for Donatella_35:
(Start: 20 @26542 has 2 MA's), (Start: 25 @26584 has 103 MA's), (44, 26740), (49, 26758), (51, 26770), (73, 26917), (74, 26926), (79, 26965), (80, 26971), (84, 27025), (87, 27034), (88, 27040), (93, 27073), (96, 27097), (99, 27115), (102, 27127), (106, 27166), (128, 27316), (131, 27331), (132, 27346), (135, 27370), (137, 27385), (139, 27391), (148, 27472), (149, 27475),

Gene: Dorito_32 Start: 25772, Stop: 26695, Start Num: 24
Candidate Starts for Dorito_32:
(Start: 24 @25772 has 15 MA's), (Start: 25 @25778 has 103 MA's), (53, 25967), (55, 25973), (67, 26075), (72, 26099), (80, 26159), (85, 26216), (87, 26222), (88, 26228), (104, 26342), (105, 26348), (108, 26360), (118, 26435), (121, 26459), (122, 26462), (127, 26498), (128, 26504), (133, 26537), (144, 26618),

Gene: DrDrey_52 Start: 38513, Stop: 39394, Start Num: 26
Candidate Starts for DrDrey_52:
(Start: 26 @38513 has 132 MA's), (Start: 28 @38525 has 1 MA's), (Start: 34 @38555 has 1 MA's), (39, 38612), (58, 38693), (59, 38717), (61, 38738), (63, 38750), (65, 38759), (70, 38798), (72, 38801), (75, 38828), (78, 38855), (81, 38867), (85, 38921), (92, 38957), (98, 39008), (105, 39056), (119, 39164), (125, 39203), (133, 39245), (138, 39284), (150, 39380), (151, 39386),

Gene: Dumbo_52 Start: 37289, Stop: 38170, Start Num: 26
Candidate Starts for Dumbo_52:
(Start: 26 @37289 has 132 MA's), (Start: 28 @37301 has 1 MA's), (Start: 34 @37331 has 1 MA's), (39, 37388), (58, 37469), (59, 37493), (61, 37514), (63, 37526), (65, 37535), (70, 37574), (72, 37577), (75, 37604), (78, 37631), (81, 37643), (85, 37697), (92, 37733), (98, 37784), (105, 37832), (119, 37940), (125, 37979), (133, 38021), (138, 38060), (150, 38156), (151, 38162),

Gene: Dusk_50 Start: 37586, Stop: 38467, Start Num: 26
Candidate Starts for Dusk_50:
(Start: 26 @37586 has 132 MA's), (Start: 28 @37598 has 1 MA's), (Start: 34 @37628 has 1 MA's), (39, 37685), (58, 37766), (59, 37790), (61, 37811), (63, 37823), (65, 37832), (70, 37871), (72, 37874), (75, 37901), (78, 37928), (81, 37940), (85, 37994), (92, 38030), (98, 38081), (105, 38129), (119, 38237), (125, 38276), (133, 38318), (138, 38357), (150, 38453), (151, 38459),

Gene: EMsquaredA_36 Start: 28837, Stop: 29754, Start Num: 25
Candidate Starts for EMsquaredA_36:
(Start: 24 @28831 has 15 MA's), (Start: 25 @28837 has 103 MA's), (Start: 30 @28861 has 1 MA's), (41, 28957), (53, 29026), (55, 29032), (70, 29155), (80, 29218), (84, 29272), (87, 29281), (91, 29302), (92, 29311), (95, 29341), (100, 29365), (116, 29473), (118, 29494), (122, 29521),

Gene: Easy2Say_53 Start: 38827, Stop: 39708, Start Num: 26
Candidate Starts for Easy2Say_53:
(Start: 26 @38827 has 132 MA's), (Start: 28 @38839 has 1 MA's), (Start: 34 @38869 has 1 MA's), (39, 38926), (58, 39007), (59, 39031), (61, 39052), (63, 39064), (65, 39073), (70, 39112), (72, 39115), (75, 39142), (78, 39169), (81, 39181), (85, 39235), (92, 39271), (98, 39322), (105, 39370), (119, 39478), (125, 39517), (133, 39559), (138, 39598), (150, 39694), (151, 39700),

Gene: Elite2014_52 Start: 37383, Stop: 38264, Start Num: 26
Candidate Starts for Elite2014_52:
(Start: 26 @37383 has 132 MA's), (Start: 28 @37395 has 1 MA's), (Start: 34 @37425 has 1 MA's), (39, 37482), (58, 37563), (59, 37587), (61, 37608), (63, 37620), (65, 37629), (70, 37668), (72, 37671), (75, 37698), (78, 37725), (81, 37737), (85, 37791), (92, 37827), (98, 37878), (105, 37926), (119, 38034), (125, 38073), (133, 38115), (138, 38154), (150, 38250), (151, 38256),

Gene: Elph10_52 Start: 37092, Stop: 37973, Start Num: 26
Candidate Starts for Elph10_52:
(Start: 26 @37092 has 132 MA's), (Start: 28 @37104 has 1 MA's), (Start: 34 @37134 has 1 MA's), (39, 37191), (58, 37272), (59, 37296), (61, 37317), (63, 37329), (65, 37338), (70, 37377), (72, 37380), (75, 37407), (78, 37434), (81, 37446), (85, 37500), (92, 37536), (98, 37587), (105, 37635), (119, 37743), (125, 37782), (133, 37824), (138, 37863), (150, 37959), (151, 37965),

Gene: Emmina_52 Start: 37290, Stop: 38171, Start Num: 26
Candidate Starts for Emmina_52:
(Start: 26 @37290 has 132 MA's), (Start: 28 @37302 has 1 MA's), (Start: 34 @37332 has 1 MA's), (39, 37389), (58, 37470), (59, 37494), (61, 37515), (63, 37527), (65, 37536), (70, 37575), (72, 37578), (75, 37605), (78, 37632), (81, 37644), (85, 37698), (92, 37734), (98, 37785), (105, 37833), (119, 37941), (125, 37980), (133, 38022), (138, 38061), (150, 38157), (151, 38163),

Gene: EnalisNailo_34 Start: 29811, Stop: 30734, Start Num: 24
Candidate Starts for EnalisNailo_34:
(Start: 24 @29811 has 15 MA's), (Start: 25 @29817 has 103 MA's), (Start: 30 @29841 has 1 MA's), (41, 29937), (55, 30012), (62, 30084), (70, 30135), (80, 30198), (84, 30252), (87, 30261), (91, 30282), (92, 30291), (95, 30321), (105, 30387), (116, 30453), (118, 30474), (122, 30501), (127, 30537),

Gene: Eureka_50 Start: 37854, Stop: 38735, Start Num: 26
Candidate Starts for Eureka_50:
(Start: 26 @37854 has 132 MA's), (Start: 28 @37866 has 1 MA's), (Start: 34 @37896 has 1 MA's), (39, 37953), (58, 38034), (59, 38058), (61, 38079), (63, 38091), (65, 38100), (70, 38139), (72, 38142), (75, 38169), (78, 38196), (81, 38208), (85, 38262), (92, 38298), (98, 38349), (105, 38397), (119, 38505), (125, 38544), (133, 38586), (138, 38625), (150, 38721), (151, 38727),

Gene: FairyPath_52 Start: 38206, Stop: 39087, Start Num: 26
Candidate Starts for FairyPath_52:
(Start: 26 @38206 has 132 MA's), (Start: 28 @38218 has 1 MA's), (Start: 34 @38248 has 1 MA's), (39, 38305), (58, 38386), (59, 38410), (61, 38431), (63, 38443), (65, 38452), (70, 38491), (72, 38494), (75, 38521), (78, 38548), (81, 38560), (85, 38614), (92, 38650), (98, 38701), (105, 38749), (119, 38857), (125, 38896), (133, 38938), (138, 38977), (150, 39073), (151, 39079),

Gene: Filch_53 Start: 37315, Stop: 38196, Start Num: 26
Candidate Starts for Filch_53:
(Start: 26 @37315 has 132 MA's), (Start: 28 @37327 has 1 MA's), (Start: 34 @37357 has 1 MA's), (39, 37414), (58, 37495), (59, 37519), (61, 37540), (63, 37552), (65, 37561), (70, 37600), (72, 37603), (75, 37630), (78, 37657), (81, 37669), (85, 37723), (92, 37759), (98, 37810), (105, 37858), (119, 37966), (125, 38005), (133, 38047), (138, 38086), (150, 38182), (151, 38188),

Gene: FireRed_55 Start: 38581, Stop: 39462, Start Num: 26
Candidate Starts for FireRed_55:
(Start: 26 @38581 has 132 MA's), (Start: 28 @38593 has 1 MA's), (Start: 34 @38623 has 1 MA's), (39, 38680), (58, 38761), (59, 38785), (61, 38806), (63, 38818), (65, 38827), (70, 38866), (72, 38869), (75, 38896), (78, 38923), (81, 38935), (85, 38989), (92, 39025), (98, 39076), (105, 39124), (119, 39232), (125, 39271), (133, 39313), (138, 39352), (150, 39448), (151, 39454),

Gene: Floral_35 Start: 30904, Stop: 31827, Start Num: 24
Candidate Starts for Floral_35:
(Start: 24 @30904 has 15 MA's), (Start: 25 @30910 has 103 MA's), (Start: 30 @30934 has 1 MA's), (41, 31030), (53, 31099), (55, 31105), (70, 31228), (80, 31291), (84, 31345), (87, 31354), (91, 31375), (92, 31384), (95, 31414), (100, 31438), (116, 31546), (118, 31567), (122, 31594),

Gene: Flypotenuse_47 Start: 37078, Stop: 37959, Start Num: 26
Candidate Starts for Flypotenuse_47:
(Start: 26 @37078 has 132 MA's), (Start: 28 @37090 has 1 MA's), (Start: 34 @37120 has 1 MA's), (39, 37177), (58, 37258), (59, 37282), (61, 37303), (63, 37315), (65, 37324), (70, 37363), (72, 37366), (75, 37393), (78, 37420), (81, 37432), (85, 37486), (92, 37522), (98, 37573), (105, 37621), (119, 37729), (125, 37768), (133, 37810), (138, 37849), (150, 37945), (151, 37951),

Gene: FoghornLeghorn_47 Start: 36088, Stop: 36969, Start Num: 26
Candidate Starts for FoghornLeghorn_47:
(Start: 26 @36088 has 132 MA's), (Start: 28 @36100 has 1 MA's), (Start: 34 @36130 has 1 MA's), (39, 36187), (58, 36268), (59, 36292), (61, 36313), (63, 36325), (65, 36334), (70, 36373), (72, 36376), (75, 36403), (78, 36430), (81, 36442), (85, 36496), (92, 36532), (98, 36583), (105, 36631), (119, 36739), (125, 36778), (133, 36820), (138, 36859), (150, 36955), (151, 36961),

Gene: FosterFrank_36 Start: 24468, Stop: 25388, Start Num: 25
Candidate Starts for FosterFrank_36:
(Start: 25 @24468 has 103 MA's), (44, 24624), (49, 24642), (51, 24654), (73, 24801), (74, 24810), (79, 24849), (87, 24918), (88, 24924), (93, 24957), (99, 24999), (106, 25050), (134, 25242), (137, 25269), (139, 25275), (148, 25356), (149, 25359),

Gene: Gage_55 Start: 37863, Stop: 38744, Start Num: 26
Candidate Starts for Gage_55:
(Start: 26 @37863 has 132 MA's), (Start: 28 @37875 has 1 MA's), (Start: 34 @37905 has 1 MA's), (39, 37962), (58, 38043), (59, 38067), (61, 38088), (63, 38100), (65, 38109), (70, 38148), (72, 38151), (75, 38178), (78, 38205), (81, 38217), (85, 38271), (92, 38307), (98, 38358), (105, 38406), (119, 38514),

(125, 38553), (133, 38595), (138, 38634), (150, 38730), (151, 38736),

Gene: Gator_50 Start: 38217, Stop: 39098, Start Num: 26
Candidate Starts for Gator_50:
(Start: 26 @38217 has 132 MA's), (Start: 28 @38229 has 1 MA's), (Start: 34 @38259 has 1 MA's), (39, 38316), (58, 38397), (59, 38421), (61, 38442), (63, 38454), (65, 38463), (70, 38502), (72, 38505), (75, 38532), (78, 38559), (81, 38571), (85, 38625), (92, 38661), (98, 38712), (105, 38760), (119, 38868), (125, 38907), (133, 38949), (138, 38988), (150, 39084), (151, 39090),

Gene: Gemini_56 Start: 38380, Stop: 39261, Start Num: 26
Candidate Starts for Gemini_56:
(Start: 26 @38380 has 132 MA's), (Start: 28 @38392 has 1 MA's), (Start: 34 @38422 has 1 MA's), (39, 38479), (58, 38560), (59, 38584), (61, 38605), (63, 38617), (65, 38626), (70, 38665), (72, 38668), (75, 38695), (78, 38722), (81, 38734), (85, 38788), (92, 38824), (98, 38875), (105, 38923), (119, 39031), (125, 39070), (133, 39112), (138, 39151), (150, 39247), (151, 39253),

Gene: Gibbzilla_31 Start: 22108, Stop: 23028, Start Num: 25
Candidate Starts for Gibbzilla_31:
(Start: 25 @22108 has 103 MA's), (Start: 38 @22222 has 1 MA's), (49, 22282), (60, 22363), (73, 22441), (79, 22489), (82, 22534), (87, 22558), (88, 22564), (90, 22573), (91, 22579), (93, 22597), (102, 22651), (106, 22690), (108, 22696), (110, 22708), (118, 22774), (122, 22801), (132, 22870), (135, 22894), (137, 22909),

Gene: Glexan_50 Start: 38205, Stop: 39086, Start Num: 26
Candidate Starts for Glexan_50:
(Start: 26 @38205 has 132 MA's), (Start: 28 @38217 has 1 MA's), (Start: 34 @38247 has 1 MA's), (39, 38304), (58, 38385), (59, 38409), (61, 38430), (63, 38442), (65, 38451), (70, 38490), (72, 38493), (75, 38520), (78, 38547), (81, 38559), (85, 38613), (92, 38649), (98, 38700), (105, 38748), (119, 38856), (125, 38895), (133, 38937), (138, 38976), (150, 39072), (151, 39078),

Gene: Globfish_36 Start: 24791, Stop: 25729, Start Num: 22
Candidate Starts for Globfish_36:
(Start: 20 @24767 has 2 MA's), (Start: 22 @24791 has 1 MA's), (Start: 25 @24809 has 103 MA's), (49, 24983), (51, 24995), (73, 25142), (74, 25151), (79, 25190), (82, 25235), (87, 25259), (88, 25265), (93, 25298), (99, 25340), (101, 25349), (102, 25352), (108, 25397), (118, 25475), (135, 25595), (137, 25610), (149, 25700),

Gene: GlobiWarming_35 Start: 24310, Stop: 25230, Start Num: 25
Candidate Starts for GlobiWarming_35:
(11, 24181), (14, 24187), (Start: 25 @24310 has 103 MA's), (44, 24466), (49, 24484), (51, 24496), (73, 24643), (74, 24652), (79, 24691), (87, 24760), (88, 24766), (93, 24799), (99, 24841), (132, 25072), (135, 25096), (137, 25111), (139, 25117), (148, 25198), (149, 25201),

Gene: Goku_50 Start: 37583, Stop: 38464, Start Num: 26
Candidate Starts for Goku_50:
(Start: 26 @37583 has 132 MA's), (Start: 28 @37595 has 1 MA's), (Start: 34 @37625 has 1 MA's), (39, 37682), (58, 37763), (59, 37787), (61, 37808), (63, 37820), (65, 37829), (70, 37868), (72, 37871), (75, 37898), (78, 37925), (81, 37937), (85, 37991), (92, 38027), (98, 38078), (105, 38126), (119, 38234), (125, 38273), (133, 38315), (138, 38354), (150, 38450), (151, 38456),

Gene: GoldenSpark_55 Start: 37863, Stop: 38744, Start Num: 26
Candidate Starts for GoldenSpark_55:

(Start: 26 @37863 has 132 MA's), (Start: 28 @37875 has 1 MA's), (Start: 34 @37905 has 1 MA's), (39, 37962), (58, 38043), (59, 38067), (61, 38088), (63, 38100), (65, 38109), (70, 38148), (72, 38151), (75, 38178), (78, 38205), (81, 38217), (85, 38271), (92, 38307), (98, 38358), (105, 38406), (119, 38514), (125, 38553), (133, 38595), (138, 38634), (150, 38730), (151, 38736),

Gene: Goldilocks_54 Start: 37365, Stop: 38246, Start Num: 26
Candidate Starts for Goldilocks_54:
(Start: 26 @37365 has 132 MA's), (Start: 28 @37377 has 1 MA's), (Start: 34 @37407 has 1 MA's), (39, 37464), (58, 37545), (59, 37569), (61, 37590), (63, 37602), (65, 37611), (70, 37650), (72, 37653), (75, 37680), (78, 37707), (81, 37719), (85, 37773), (92, 37809), (98, 37860), (105, 37908), (119, 38016), (125, 38055), (133, 38097), (138, 38136), (150, 38232), (151, 38238),

Gene: GooberAzure_55 Start: 37863, Stop: 38744, Start Num: 26
Candidate Starts for GooberAzure_55:
(Start: 26 @37863 has 132 MA's), (Start: 28 @37875 has 1 MA's), (Start: 34 @37905 has 1 MA's), (39, 37962), (58, 38043), (59, 38067), (61, 38088), (63, 38100), (65, 38109), (70, 38148), (72, 38151), (75, 38178), (78, 38205), (81, 38217), (85, 38271), (92, 38307), (98, 38358), (105, 38406), (119, 38514), (125, 38553), (133, 38595), (138, 38634), (150, 38730), (151, 38736),

Gene: GoodLuckBabe_37 Start: 26702, Stop: 27622, Start Num: 25
Candidate Starts for GoodLuckBabe_37:
(Start: 20 @26660 has 2 MA's), (Start: 25 @26702 has 103 MA's), (44, 26858), (49, 26876), (51, 26888), (59, 26945), (73, 27035), (74, 27044), (79, 27083), (84, 27143), (87, 27152), (88, 27158), (93, 27191), (99, 27233), (102, 27245), (106, 27284), (132, 27464), (135, 27488), (137, 27503), (139, 27509), (148, 27590), (149, 27593),

Gene: Gorpy_37 Start: 25804, Stop: 26721, Start Num: 25
Candidate Starts for Gorpy_37:
(11, 25675), (14, 25681), (Start: 25 @25804 has 103 MA's), (44, 25960), (48, 25975), (51, 25987), (73, 26134), (74, 26143), (79, 26182), (82, 26227), (87, 26251), (88, 26257), (93, 26290), (99, 26332), (101, 26341), (106, 26383), (118, 26467), (135, 26587), (137, 26602),

Gene: Greep_56 Start: 38873, Stop: 39754, Start Num: 26
Candidate Starts for Greep_56:
(Start: 26 @38873 has 132 MA's), (Start: 28 @38885 has 1 MA's), (Start: 34 @38915 has 1 MA's), (39, 38972), (58, 39053), (59, 39077), (61, 39098), (63, 39110), (65, 39119), (70, 39158), (72, 39161), (75, 39188), (78, 39215), (81, 39227), (85, 39281), (92, 39317), (98, 39368), (105, 39416), (119, 39524), (125, 39563), (133, 39605), (138, 39644), (150, 39740), (151, 39746),

Gene: Guinevere_36 Start: 26292, Stop: 27212, Start Num: 25
Candidate Starts for Guinevere_36:
(Start: 20 @26250 has 2 MA's), (Start: 25 @26292 has 103 MA's), (44, 26448), (49, 26466), (51, 26478), (73, 26625), (79, 26673), (84, 26733), (87, 26742), (88, 26748), (93, 26781), (99, 26823), (102, 26835), (106, 26874), (132, 27054), (135, 27078), (137, 27093), (139, 27099), (148, 27180), (149, 27183),

Gene: GumGum_37 Start: 24736, Stop: 25656, Start Num: 25
Candidate Starts for GumGum_37:
(11, 24607), (14, 24613), (Start: 25 @24736 has 103 MA's), (Start: 38 @24850 has 1 MA's), (47, 24901), (49, 24910), (51, 24922), (59, 24979), (73, 25069), (74, 25078), (79, 25117), (87, 25186), (88, 25192), (90, 25201), (93, 25225), (96, 25249), (120, 25423), (135, 25522), (137, 25537), (139, 25543),

Gene: Gusanita_34 Start: 26041, Stop: 26961, Start Num: 25

Candidate Starts for Gusanita_34:
(11, 25912), (14, 25918), (Start: 25 @26041 has 103 MA's), (47, 26206), (49, 26215), (51, 26227), (53, 26236), (59, 26284), (73, 26374), (74, 26383), (79, 26422), (82, 26467), (87, 26491), (88, 26497), (93, 26530), (102, 26584), (106, 26623), (110, 26641), (118, 26707), (122, 26734), (147, 26923),

Gene: Halloweekend_34 Start: 25999, Stop: 26919, Start Num: 25
Candidate Starts for Halloweekend_34:
(Start: 20 @25957 has 2 MA's), (Start: 25 @25999 has 103 MA's), (44, 26155), (49, 26173), (51, 26185), (73, 26332), (74, 26341), (79, 26380), (87, 26449), (88, 26455), (93, 26488), (96, 26512), (99, 26530), (102, 26542), (132, 26761), (135, 26785), (137, 26800), (139, 26806), (148, 26887), (149, 26890),

Gene: HanKaySha_51 Start: 37173, Stop: 38054, Start Num: 26
Candidate Starts for HanKaySha_51:
(Start: 26 @37173 has 132 MA's), (Start: 28 @37185 has 1 MA's), (Start: 34 @37215 has 1 MA's), (39, 37272), (58, 37353), (59, 37377), (61, 37398), (63, 37410), (65, 37419), (70, 37458), (72, 37461), (75, 37488), (78, 37515), (81, 37527), (85, 37581), (92, 37617), (98, 37668), (105, 37716), (119, 37824), (125, 37863), (133, 37905), (138, 37944), (150, 38040), (151, 38046),

Gene: Harella_52 Start: 38721, Stop: 39602, Start Num: 26
Candidate Starts for Harella_52:
(Start: 26 @38721 has 132 MA's), (Start: 28 @38733 has 1 MA's), (Start: 34 @38763 has 1 MA's), (39, 38820), (58, 38901), (59, 38925), (61, 38946), (63, 38958), (65, 38967), (70, 39006), (72, 39009), (75, 39036), (78, 39063), (81, 39075), (85, 39129), (92, 39165), (98, 39216), (105, 39264), (119, 39372), (125, 39411), (133, 39453), (138, 39492), (150, 39588), (151, 39594),

Gene: Henrique_35 Start: 24359, Stop: 25279, Start Num: 25
Candidate Starts for Henrique_35:
(8, 24215), (Start: 25 @24359 has 103 MA's), (44, 24515), (49, 24533), (51, 24545), (73, 24692), (74, 24701), (79, 24740), (87, 24809), (88, 24815), (93, 24848), (99, 24890), (106, 24941), (118, 25025), (132, 25121), (135, 25145), (139, 25166), (148, 25247), (149, 25250),

Gene: Henry_51 Start: 37805, Stop: 38686, Start Num: 26
Candidate Starts for Henry_51:
(Start: 26 @37805 has 132 MA's), (Start: 28 @37817 has 1 MA's), (Start: 34 @37847 has 1 MA's), (39, 37904), (58, 37985), (59, 38009), (61, 38030), (63, 38042), (65, 38051), (70, 38090), (72, 38093), (75, 38120), (78, 38147), (81, 38159), (85, 38213), (92, 38249), (98, 38300), (105, 38348), (119, 38456), (125, 38495), (133, 38537), (138, 38576), (150, 38672), (151, 38678),

Gene: Hestia_36 Start: 24611, Stop: 25531, Start Num: 25
Candidate Starts for Hestia_36:
(11, 24482), (14, 24488), (Start: 25 @24611 has 103 MA's), (49, 24785), (51, 24797), (73, 24944), (79, 24992), (87, 25061), (88, 25067), (106, 25193), (118, 25277), (132, 25373), (135, 25397), (137, 25412), (139, 25418), (148, 25499),

Gene: Highbury_53 Start: 37462, Stop: 38343, Start Num: 26
Candidate Starts for Highbury_53:
(Start: 26 @37462 has 132 MA's), (Start: 28 @37474 has 1 MA's), (Start: 34 @37504 has 1 MA's), (39, 37561), (58, 37642), (59, 37666), (61, 37687), (63, 37699), (65, 37708), (70, 37747), (72, 37750), (75, 37777), (78, 37804), (81, 37816), (85, 37870), (92, 37906), (98, 37957), (105, 38005), (119, 38113), (125, 38152), (133, 38194), (138, 38233), (150, 38329), (151, 38335),

Gene: Hillester_36 Start: 24572, Stop: 25492, Start Num: 25

Candidate Starts for Hillester_36:
(11, 24443), (17, 24470), (Start: 25 @24572 has 103 MA's), (Start: 38 @24686 has 1 MA's), (49, 24746), (51, 24758), (59, 24815), (73, 24905), (79, 24953), (87, 25022), (88, 25028), (93, 25061), (96, 25085), (135, 25358), (137, 25373), (139, 25379),

Gene: Holt_57 Start: 38277, Stop: 39158, Start Num: 26
Candidate Starts for Holt_57:
(Start: 26 @38277 has 132 MA's), (Start: 28 @38289 has 1 MA's), (Start: 34 @38319 has 1 MA's), (39, 38376), (58, 38457), (59, 38481), (61, 38502), (63, 38514), (65, 38523), (70, 38562), (72, 38565), (75, 38592), (78, 38619), (81, 38631), (85, 38685), (92, 38721), (98, 38772), (105, 38820), (119, 38928), (125, 38967), (133, 39009), (138, 39048), (150, 39144), (151, 39150),

Gene: Hoonter_55 Start: 37863, Stop: 38744, Start Num: 26
Candidate Starts for Hoonter_55:
(Start: 26 @37863 has 132 MA's), (Start: 28 @37875 has 1 MA's), (Start: 34 @37905 has 1 MA's), (39, 37962), (58, 38043), (59, 38067), (61, 38088), (63, 38100), (65, 38109), (70, 38148), (72, 38151), (75, 38178), (78, 38205), (81, 38217), (85, 38271), (92, 38307), (98, 38358), (105, 38406), (119, 38514), (125, 38553), (133, 38595), (138, 38634), (150, 38730), (151, 38736),

Gene: Hopey_52 Start: 37707, Stop: 38588, Start Num: 26
Candidate Starts for Hopey_52:
(Start: 26 @37707 has 132 MA's), (Start: 28 @37719 has 1 MA's), (Start: 34 @37749 has 1 MA's), (39, 37806), (58, 37887), (59, 37911), (61, 37932), (63, 37944), (65, 37953), (70, 37992), (72, 37995), (75, 38022), (78, 38049), (81, 38061), (85, 38115), (92, 38151), (98, 38202), (105, 38250), (119, 38358), (125, 38397), (133, 38439), (138, 38478), (150, 38574), (151, 38580),

Gene: Hortense_36 Start: 30765, Stop: 31682, Start Num: 25
Candidate Starts for Hortense_36:
(Start: 24 @30759 has 15 MA's), (Start: 25 @30765 has 103 MA's), (51, 30945), (53, 30954), (55, 30960), (77, 31131), (80, 31146), (85, 31203), (87, 31209), (88, 31215), (91, 31230), (104, 31329), (105, 31335), (108, 31347), (118, 31422), (121, 31446), (122, 31449), (127, 31485), (128, 31491), (130, 31503), (144, 31605),

Gene: HotPotato_34 Start: 24923, Stop: 25843, Start Num: 25
Candidate Starts for HotPotato_34:
(Start: 25 @24923 has 103 MA's), (44, 25079), (49, 25097), (51, 25109), (73, 25256), (74, 25265), (79, 25304), (87, 25373), (88, 25379), (93, 25412), (99, 25454), (102, 25466), (132, 25685), (135, 25709), (137, 25724), (139, 25730), (148, 25811), (149, 25814),

Gene: Howe_36 Start: 30765, Stop: 31682, Start Num: 25
Candidate Starts for Howe_36:
(Start: 24 @30759 has 15 MA's), (Start: 25 @30765 has 103 MA's), (51, 30945), (53, 30954), (55, 30960), (77, 31131), (80, 31146), (85, 31203), (87, 31209), (88, 31215), (91, 31230), (104, 31329), (105, 31335), (108, 31347), (118, 31422), (121, 31446), (122, 31449), (127, 31485), (128, 31491), (130, 31503), (144, 31605),

Gene: HufflyPuff_54 Start: 38537, Stop: 39418, Start Num: 26
Candidate Starts for HufflyPuff_54:
(Start: 26 @38537 has 132 MA's), (Start: 28 @38549 has 1 MA's), (Start: 34 @38579 has 1 MA's), (39, 38636), (58, 38717), (59, 38741), (61, 38762), (63, 38774), (65, 38783), (70, 38822), (72, 38825), (75, 38852), (78, 38879), (81, 38891), (85, 38945), (92, 38981), (98, 39032), (105, 39080), (119, 39188), (125, 39227), (133, 39269), (138, 39308), (150, 39404), (151, 39410),

Gene: IHOP_50 Start: 37929, Stop: 38810, Start Num: 26
Candidate Starts for IHOP_50:
(Start: 26 @37929 has 132 MA's), (Start: 28 @37941 has 1 MA's), (Start: 34 @37971 has 1 MA's), (39, 38028), (58, 38109), (59, 38133), (61, 38154), (63, 38166), (65, 38175), (70, 38214), (72, 38217), (75, 38244), (78, 38271), (81, 38283), (85, 38337), (92, 38373), (98, 38424), (105, 38472), (119, 38580), (125, 38619), (133, 38661), (138, 38700), (150, 38796), (151, 38802),

Gene: Icee_52 Start: 37531, Stop: 38412, Start Num: 26
Candidate Starts for Icee_52:
(Start: 26 @37531 has 132 MA's), (Start: 28 @37543 has 1 MA's), (Start: 34 @37573 has 1 MA's), (39, 37630), (58, 37711), (59, 37735), (61, 37756), (63, 37768), (65, 37777), (70, 37816), (72, 37819), (75, 37846), (78, 37873), (81, 37885), (85, 37939), (92, 37975), (98, 38026), (105, 38074), (119, 38182), (125, 38221), (133, 38263), (138, 38302), (150, 38398), (151, 38404),

Gene: Ichiang_34 Start: 26018, Stop: 26938, Start Num: 25
Candidate Starts for Ichiang_34:
(Start: 20 @25976 has 2 MA's), (Start: 25 @26018 has 103 MA's), (44, 26174), (49, 26192), (51, 26204), (57, 26228), (73, 26351), (74, 26360), (79, 26399), (87, 26468), (88, 26474), (93, 26507), (96, 26531), (99, 26549), (102, 26561), (105, 26594), (106, 26600), (108, 26606), (132, 26780), (135, 26804), (137, 26819), (139, 26825), (148, 26906), (149, 26909),

Gene: Inca_49 Start: 36454, Stop: 37335, Start Num: 26
Candidate Starts for Inca_49:
(Start: 26 @36454 has 132 MA's), (Start: 28 @36466 has 1 MA's), (Start: 34 @36496 has 1 MA's), (39, 36553), (58, 36634), (59, 36658), (61, 36679), (63, 36691), (65, 36700), (70, 36739), (72, 36742), (75, 36769), (78, 36796), (81, 36808), (85, 36862), (92, 36898), (98, 36949), (105, 36997), (119, 37105), (125, 37144), (133, 37186), (138, 37225), (150, 37321), (151, 37327),

Gene: Invectra_37 Start: 28866, Stop: 29783, Start Num: 25
Candidate Starts for Invectra_37:
(Start: 24 @28860 has 15 MA's), (Start: 25 @28866 has 103 MA's), (53, 29055), (55, 29061), (67, 29163), (72, 29187), (80, 29247), (85, 29304), (87, 29310), (88, 29316), (104, 29430), (105, 29436), (108, 29448), (118, 29523), (121, 29547), (122, 29550), (127, 29586), (128, 29592), (133, 29625), (144, 29706),

Gene: IsHungry_32 Start: 25028, Stop: 25948, Start Num: 25
Candidate Starts for IsHungry_32:
(7, 24872), (11, 24896), (17, 24923), (18, 24962), (Start: 25 @25028 has 103 MA's), (29, 25052), (Start: 38 @25142 has 1 MA's), (44, 25184), (49, 25202), (51, 25214), (59, 25271), (73, 25361), (76, 25394), (79, 25409), (82, 25454), (87, 25478), (88, 25484), (93, 25517), (118, 25694), (122, 25721), (132, 25790), (135, 25814), (149, 25919),

Gene: Isolde_36 Start: 24341, Stop: 25258, Start Num: 25
Candidate Starts for Isolde_36:
(11, 24212), (14, 24218), (Start: 25 @24341 has 103 MA's), (48, 24512), (51, 24524), (73, 24671), (79, 24719), (82, 24764), (87, 24788), (88, 24794), (93, 24827), (99, 24869), (101, 24878), (108, 24926), (118, 25004), (122, 25031), (137, 25139), (149, 25229),

Gene: Jablanski_34 Start: 28854, Stop: 29789, Start Num: 24
Candidate Starts for Jablanski_34:
(19, 28800), (Start: 24 @28854 has 15 MA's), (41, 28986), (59, 29103), (67, 29163), (68, 29166), (72, 29187), (83, 29298), (87, 29310), (99, 29391), (107, 29445), (109, 29451), (112, 29469), (118, 29529), (121, 29553), (122, 29556), (127, 29592), (128, 29598), (141, 29676), (146, 29736),

Gene: JakeTheSnake_36 Start: 25235, Stop: 25999, Start Num: 25
Candidate Starts for JakeTheSnake_36:
(9, 25094), (Start: 25 @25235 has 103 MA's), (49, 25409), (51, 25421), (73, 25568), (79, 25616), (84, 25676), (86, 25682), (87, 25685), (88, 25691), (93, 25724), (96, 25748), (99, 25766), (106, 25817), (129, 25976),

Gene: JeTaime_53 Start: 38357, Stop: 39238, Start Num: 26
Candidate Starts for JeTaime_53:
(Start: 26 @38357 has 132 MA's), (Start: 28 @38369 has 1 MA's), (Start: 34 @38399 has 1 MA's), (39, 38456), (58, 38537), (59, 38561), (61, 38582), (63, 38594), (65, 38603), (70, 38642), (72, 38645), (75, 38672), (78, 38699), (81, 38711), (85, 38765), (92, 38801), (98, 38852), (105, 38900), (119, 39008), (125, 39047), (133, 39089), (138, 39128), (150, 39224), (151, 39230),

Gene: JellyBread_32 Start: 23160, Stop: 24080, Start Num: 25
Candidate Starts for JellyBread_32:
(Start: 25 @23160 has 103 MA's), (33, 23217), (44, 23316), (49, 23334), (51, 23346), (73, 23493), (79, 23541), (82, 23586), (84, 23601), (87, 23610), (88, 23616), (91, 23631), (93, 23649), (99, 23691), (101, 23700), (106, 23742), (118, 23826), (122, 23853), (135, 23946), (137, 23961), (149, 24051),

Gene: Judy_35 Start: 24877, Stop: 25797, Start Num: 25
Candidate Starts for Judy_35:
(Start: 25 @24877 has 103 MA's), (44, 25033), (49, 25051), (51, 25063), (73, 25210), (74, 25219), (79, 25258), (87, 25327), (88, 25333), (93, 25366), (99, 25408), (106, 25459), (132, 25639), (135, 25663), (137, 25678), (139, 25684), (148, 25765), (149, 25768),

Gene: Julie_35 Start: 26941, Stop: 27861, Start Num: 25
Candidate Starts for Julie_35:
(11, 26809), (14, 26815), (17, 26836), (18, 26875), (Start: 25 @26941 has 103 MA's), (29, 26965), (Start: 38 @27055 has 1 MA's), (44, 27097), (49, 27115), (51, 27127), (73, 27274), (79, 27322), (82, 27367), (87, 27391), (88, 27397), (93, 27430), (99, 27472), (118, 27607), (122, 27634), (132, 27703), (135, 27727), (149, 27832),

Gene: Kabloowy_36 Start: 24752, Stop: 25669, Start Num: 25
Candidate Starts for Kabloowy_36:
(11, 24623), (14, 24629), (Start: 25 @24752 has 103 MA's), (44, 24908), (48, 24923), (51, 24935), (73, 25082), (74, 25091), (79, 25130), (82, 25175), (87, 25199), (88, 25205), (93, 25238), (99, 25280), (101, 25289), (106, 25331), (118, 25415), (135, 25535), (137, 25550),

Gene: Kanye_48 Start: 37217, Stop: 38098, Start Num: 26
Candidate Starts for Kanye_48:
(Start: 26 @37217 has 132 MA's), (Start: 28 @37229 has 1 MA's), (Start: 34 @37259 has 1 MA's), (39, 37316), (58, 37397), (59, 37421), (61, 37442), (63, 37454), (65, 37463), (70, 37502), (72, 37505), (75, 37532), (78, 37559), (81, 37571), (85, 37625), (92, 37661), (98, 37712), (105, 37760), (119, 37868), (125, 37907), (133, 37949), (138, 37988), (150, 38084), (151, 38090),

Gene: Karkharias_34 Start: 24280, Stop: 25200, Start Num: 25
Candidate Starts for Karkharias_34:
(Start: 20 @24238 has 2 MA's), (Start: 25 @24280 has 103 MA's), (44, 24436), (49, 24454), (51, 24466), (73, 24613), (74, 24622), (79, 24661), (87, 24730), (88, 24736), (93, 24769), (99, 24811), (102, 24823), (132, 25042), (135, 25066), (137, 25081), (139, 25087), (148, 25168), (149, 25171),

Gene: KayMoney_35 Start: 24398, Stop: 25318, Start Num: 25

Candidate Starts for KayMoney_35:
(Start: 25 @24398 has 103 MA's), (44, 24554), (49, 24572), (51, 24584), (73, 24731), (74, 24740), (79, 24779), (87, 24848), (88, 24854), (93, 24887), (99, 24929), (106, 24980), (132, 25160), (135, 25184), (137, 25199), (139, 25205), (148, 25286), (149, 25289),

Gene: Kihatsu_37 Start: 26637, Stop: 27557, Start Num: 25
Candidate Starts for Kihatsu_37:
(Start: 25 @26637 has 103 MA's), (44, 26793), (49, 26811), (51, 26823), (73, 26970), (74, 26979), (79, 27018), (84, 27078), (87, 27087), (88, 27093), (93, 27126), (99, 27168), (102, 27180), (105, 27213), (106, 27219), (108, 27225), (118, 27303), (132, 27399), (139, 27444), (148, 27525), (149, 27528),

Gene: Kiko_37 Start: 28964, Stop: 29881, Start Num: 25
Candidate Starts for Kiko_37:
(Start: 24 @28958 has 15 MA's), (Start: 25 @28964 has 103 MA's), (52, 29147), (53, 29153), (55, 29159), (80, 29345), (87, 29408), (88, 29414), (91, 29429), (104, 29528), (105, 29534), (108, 29546), (118, 29621), (121, 29645), (122, 29648), (132, 29720), (133, 29723), (137, 29759),

Gene: Kimchi_55 Start: 37866, Stop: 38747, Start Num: 26
Candidate Starts for Kimchi_55:
(Start: 26 @37866 has 132 MA's), (Start: 28 @37878 has 1 MA's), (Start: 34 @37908 has 1 MA's), (39, 37965), (58, 38046), (59, 38070), (61, 38091), (63, 38103), (65, 38112), (70, 38151), (72, 38154), (75, 38181), (78, 38208), (81, 38220), (85, 38274), (92, 38310), (98, 38361), (105, 38409), (119, 38517), (125, 38556), (133, 38598), (138, 38637), (150, 38733), (151, 38739),

Gene: Kostya_53 Start: 38070, Stop: 38909, Start Num: 34
Candidate Starts for Kostya_53:
(Start: 26 @38028 has 132 MA's), (Start: 28 @38040 has 1 MA's), (Start: 34 @38070 has 1 MA's), (39, 38127), (58, 38208), (59, 38232), (61, 38253), (63, 38265), (65, 38274), (70, 38313), (72, 38316), (75, 38343), (78, 38370), (81, 38382), (85, 38436), (92, 38472), (98, 38523), (105, 38571), (119, 38679), (125, 38718), (133, 38760), (138, 38799), (150, 38895), (151, 38901),

Gene: Kromp_36 Start: 29237, Stop: 28317, Start Num: 23
Candidate Starts for Kromp_36:
(Start: 23 @29237 has 1 MA's), (27, 29210), (37, 29132), (50, 29051), (87, 28787), (93, 28748), (97, 28712), (114, 28589), (138, 28427), (140, 28421), (142, 28397),

Gene: Lasker_36 Start: 24581, Stop: 25501, Start Num: 25
Candidate Starts for Lasker_36:
(Start: 25 @24581 has 103 MA's), (Start: 38 @24695 has 1 MA's), (44, 24737), (49, 24755), (51, 24767), (73, 24914), (74, 24923), (79, 24962), (82, 25007), (87, 25031), (88, 25037), (93, 25070), (99, 25112), (101, 25121), (106, 25163), (118, 25247), (137, 25382),

Gene: Lawnathon_36 Start: 24435, Stop: 25352, Start Num: 25
Candidate Starts for Lawnathon_36:
(11, 24306), (14, 24312), (Start: 25 @24435 has 103 MA's), (44, 24591), (48, 24606), (51, 24618), (73, 24765), (74, 24774), (79, 24813), (82, 24858), (87, 24882), (88, 24888), (93, 24921), (99, 24963), (101, 24972), (106, 25014), (118, 25098), (137, 25233),

Gene: Lenoxika_36 Start: 26286, Stop: 27206, Start Num: 25
Candidate Starts for Lenoxika_36:
(Start: 25 @26286 has 103 MA's), (44, 26442), (49, 26460), (51, 26472), (73, 26619), (74, 26628), (79, 26667), (87, 26736), (88, 26742), (93, 26775), (99, 26817), (102, 26829), (106, 26868), (132, 27048), (135, 27072), (137, 27087), (139, 27093), (148, 27174), (149, 27177),

Gene: Lilac_55 Start: 37492, Stop: 38373, Start Num: 26
Candidate Starts for Lilac_55:
(Start: 26 @37492 has 132 MA's), (Start: 28 @37504 has 1 MA's), (Start: 34 @37534 has 1 MA's), (39, 37591), (58, 37672), (59, 37696), (61, 37717), (63, 37729), (65, 37738), (70, 37777), (72, 37780), (75, 37807), (78, 37834), (81, 37846), (85, 37900), (92, 37936), (98, 37987), (105, 38035), (119, 38143), (125, 38182), (133, 38224), (138, 38263), (150, 38359), (151, 38365),

Gene: Lilas_37 Start: 31522, Stop: 32445, Start Num: 24
Candidate Starts for Lilas_37:
(Start: 24 @31522 has 15 MA's), (Start: 25 @31528 has 103 MA's), (Start: 30 @31552 has 1 MA's), (41, 31648), (55, 31723), (62, 31795), (70, 31846), (80, 31909), (84, 31963), (87, 31972), (91, 31993), (92, 32002), (95, 32032), (105, 32098), (116, 32164), (118, 32185), (122, 32212), (127, 32248),

Gene: Lilizi_52 Start: 37166, Stop: 38047, Start Num: 26
Candidate Starts for Lilizi_52:
(Start: 26 @37166 has 132 MA's), (Start: 28 @37178 has 1 MA's), (Start: 34 @37208 has 1 MA's), (39, 37265), (58, 37346), (59, 37370), (61, 37391), (63, 37403), (65, 37412), (70, 37451), (72, 37454), (75, 37481), (78, 37508), (81, 37520), (85, 37574), (92, 37610), (98, 37661), (105, 37709), (119, 37817), (125, 37856), (133, 37898), (138, 37937), (150, 38033), (151, 38039),

Gene: Lilpickle_52 Start: 37383, Stop: 38264, Start Num: 26
Candidate Starts for Lilpickle_52:
(Start: 26 @37383 has 132 MA's), (Start: 28 @37395 has 1 MA's), (Start: 34 @37425 has 1 MA's), (39, 37482), (58, 37563), (59, 37587), (61, 37608), (63, 37620), (65, 37629), (70, 37668), (72, 37671), (75, 37698), (78, 37725), (81, 37737), (85, 37791), (92, 37827), (98, 37878), (105, 37926), (119, 38034), (125, 38073), (133, 38115), (138, 38154), (150, 38250), (151, 38256),

Gene: LilyBell_34 Start: 24292, Stop: 25212, Start Num: 25
Candidate Starts for LilyBell_34:
(Start: 20 @24250 has 2 MA's), (Start: 25 @24292 has 103 MA's), (44, 24448), (49, 24466), (51, 24478), (73, 24625), (74, 24634), (79, 24673), (87, 24742), (88, 24748), (93, 24781), (99, 24823), (106, 24874), (132, 25054), (135, 25078), (137, 25093), (139, 25099), (148, 25180), (149, 25183),

Gene: Livelaughbron_56 Start: 38667, Stop: 39548, Start Num: 26
Candidate Starts for Livelaughbron_56:
(Start: 26 @38667 has 132 MA's), (Start: 28 @38679 has 1 MA's), (Start: 34 @38709 has 1 MA's), (39, 38766), (58, 38847), (59, 38871), (61, 38892), (63, 38904), (65, 38913), (70, 38952), (72, 38955), (75, 38982), (78, 39009), (81, 39021), (85, 39075), (92, 39111), (98, 39162), (105, 39210), (119, 39318), (125, 39357), (133, 39399), (138, 39438), (150, 39534), (151, 39540),

Gene: LonelyBoi_37 Start: 31310, Stop: 32227, Start Num: 25
Candidate Starts for LonelyBoi_37:
(Start: 24 @31304 has 15 MA's), (Start: 25 @31310 has 103 MA's), (Start: 30 @31334 has 1 MA's), (41, 31430), (55, 31505), (67, 31607), (70, 31628), (80, 31691), (84, 31745), (87, 31754), (91, 31775), (92, 31784), (95, 31814), (105, 31880), (110, 31904), (116, 31946), (118, 31967), (122, 31994), (127, 32030), (128, 32036),

Gene: MISSy_52 Start: 37590, Stop: 38471, Start Num: 26
Candidate Starts for MISSy_52:
(Start: 26 @37590 has 132 MA's), (Start: 28 @37602 has 1 MA's), (Start: 34 @37632 has 1 MA's), (39, 37689), (58, 37770), (59, 37794), (61, 37815), (63, 37827), (65, 37836), (70, 37875), (72, 37878), (75, 37905), (78, 37932), (81, 37944), (85, 37998), (92, 38034), (98, 38085), (105, 38133), (119, 38241),

(125, 38280), (133, 38322), (138, 38361), (150, 38457), (151, 38463),

Gene: MPhalcon_52 Start: 37583, Stop: 38464, Start Num: 26
Candidate Starts for MPhalcon_52:
(Start: 26 @37583 has 132 MA's), (Start: 28 @37595 has 1 MA's), (Start: 34 @37625 has 1 MA's), (39, 37682), (58, 37763), (59, 37787), (61, 37808), (63, 37820), (65, 37829), (70, 37868), (72, 37871), (75, 37898), (78, 37925), (81, 37937), (85, 37991), (92, 38027), (98, 38078), (105, 38126), (119, 38234), (125, 38273), (133, 38315), (138, 38354), (150, 38450), (151, 38456),

Gene: MUWow_35 Start: 24597, Stop: 25514, Start Num: 25
Candidate Starts for MUWow_35:
(Start: 20 @24558 has 2 MA's), (Start: 25 @24597 has 103 MA's), (44, 24753), (48, 24768), (73, 24927), (82, 25020), (84, 25035), (87, 25044), (88, 25050), (91, 25065), (93, 25083), (99, 25125), (101, 25134), (108, 25182), (118, 25260), (122, 25287), (137, 25395), (149, 25485),

Gene: MadamMonkfish_52 Start: 37107, Stop: 37988, Start Num: 26
Candidate Starts for MadamMonkfish_52:
(Start: 26 @37107 has 132 MA's), (Start: 28 @37119 has 1 MA's), (Start: 34 @37149 has 1 MA's), (39, 37206), (58, 37287), (59, 37311), (61, 37332), (63, 37344), (65, 37353), (70, 37392), (72, 37395), (75, 37422), (78, 37449), (81, 37461), (85, 37515), (92, 37551), (98, 37602), (105, 37650), (119, 37758), (125, 37797), (133, 37839), (138, 37878), (150, 37974), (151, 37980),

Gene: Maja_28 Start: 23177, Stop: 24097, Start Num: 25
Candidate Starts for Maja_28:
(Start: 25 @23177 has 103 MA's), (44, 23333), (49, 23351), (51, 23363), (53, 23372), (59, 23420), (73, 23510), (79, 23558), (87, 23627), (88, 23633), (93, 23666), (99, 23708), (102, 23720), (106, 23759), (118, 23843), (122, 23870), (139, 23984), (149, 24068),

Gene: Malibo_38 Start: 29560, Stop: 30477, Start Num: 25
Candidate Starts for Malibo_38:
(Start: 24 @29554 has 15 MA's), (Start: 25 @29560 has 103 MA's), (41, 29680), (53, 29749), (55, 29755), (62, 29827), (67, 29857), (70, 29878), (80, 29941), (87, 30004), (91, 30025), (92, 30034), (95, 30064), (100, 30088), (118, 30217), (122, 30244), (127, 30280),

Gene: Manda_52 Start: 38388, Stop: 39269, Start Num: 26
Candidate Starts for Manda_52:
(Start: 26 @38388 has 132 MA's), (Start: 28 @38400 has 1 MA's), (Start: 34 @38430 has 1 MA's), (39, 38487), (58, 38568), (59, 38592), (61, 38613), (63, 38625), (65, 38634), (70, 38673), (72, 38676), (75, 38703), (78, 38730), (81, 38742), (85, 38796), (92, 38832), (98, 38883), (105, 38931), (119, 39039), (125, 39078), (133, 39120), (138, 39159), (150, 39255), (151, 39261),

Gene: Mapleville_35 Start: 24505, Stop: 25422, Start Num: 25
Candidate Starts for Mapleville_35:
(11, 24376), (14, 24382), (Start: 25 @24505 has 103 MA's), (44, 24661), (48, 24676), (51, 24688), (73, 24835), (74, 24844), (79, 24883), (82, 24928), (87, 24952), (88, 24958), (93, 24991), (99, 25033), (101, 25042), (106, 25084), (118, 25168), (135, 25288), (137, 25303),

Gene: Marshmallow_51 Start: 38363, Stop: 39244, Start Num: 26
Candidate Starts for Marshmallow_51:
(Start: 26 @38363 has 132 MA's), (Start: 28 @38375 has 1 MA's), (Start: 34 @38405 has 1 MA's), (39, 38462), (58, 38543), (59, 38567), (61, 38588), (63, 38600), (65, 38609), (70, 38648), (72, 38651), (75, 38678), (78, 38705), (81, 38717), (85, 38771), (92, 38807), (98, 38858), (105, 38906), (119, 39014), (125, 39053), (133, 39095), (138, 39134), (150, 39230), (151, 39236),

Gene: Marteena_35 Start: 28837, Stop: 29754, Start Num: 25
Candidate Starts for Marteena_35:
(Start: 24 @28831 has 15 MA's), (Start: 25 @28837 has 103 MA's), (Start: 30 @28861 has 1 MA's), (41, 28957), (53, 29026), (55, 29032), (70, 29155), (80, 29218), (84, 29272), (87, 29281), (91, 29302), (92, 29311), (95, 29341), (100, 29365), (116, 29473), (118, 29494), (122, 29521),

Gene: MaterMagnus_36 Start: 24582, Stop: 25499, Start Num: 25
Candidate Starts for MaterMagnus_36:
(11, 24453), (12, 24456), (14, 24459), (Start: 25 @24582 has 103 MA's), (44, 24738), (48, 24753), (51, 24765), (73, 24912), (74, 24921), (79, 24960), (82, 25005), (87, 25029), (88, 25035), (93, 25068), (99, 25110), (101, 25119), (106, 25161), (118, 25245), (135, 25365), (137, 25380),

Gene: Maxxinista_55 Start: 37462, Stop: 38343, Start Num: 26
Candidate Starts for Maxxinista_55:
(Start: 26 @37462 has 132 MA's), (Start: 28 @37474 has 1 MA's), (Start: 34 @37504 has 1 MA's), (39, 37561), (58, 37642), (59, 37666), (61, 37687), (63, 37699), (65, 37708), (70, 37747), (72, 37750), (75, 37777), (78, 37804), (81, 37816), (85, 37870), (92, 37906), (98, 37957), (105, 38005), (119, 38113), (125, 38152), (133, 38194), (138, 38233), (150, 38329), (151, 38335),

Gene: Mcklovin_34 Start: 32550, Stop: 33467, Start Num: 25
Candidate Starts for Mcklovin_34:
(Start: 24 @32544 has 15 MA's), (Start: 25 @32550 has 103 MA's), (53, 32739), (55, 32745), (67, 32847), (72, 32871), (80, 32931), (85, 32988), (87, 32994), (88, 33000), (104, 33114), (105, 33120), (108, 33132), (118, 33207), (121, 33231), (122, 33234), (127, 33270), (128, 33276), (133, 33309), (137, 33345), (144, 33390),

Gene: Melba_35 Start: 28919, Stop: 29845, Start Num: 24
Candidate Starts for Melba_35:
(Start: 24 @28919 has 15 MA's), (Start: 25 @28925 has 103 MA's), (40, 29042), (41, 29045), (52, 29108), (53, 29114), (55, 29120), (80, 29306), (84, 29360), (85, 29363), (87, 29369), (91, 29390), (104, 29489), (105, 29495), (108, 29507), (118, 29582), (122, 29609), (127, 29645), (137, 29720),

Gene: MichaelScott_36 Start: 28688, Stop: 29605, Start Num: 25
Candidate Starts for MichaelScott_36:
(Start: 24 @28682 has 15 MA's), (Start: 25 @28688 has 103 MA's), (53, 28877), (55, 28883), (67, 28985), (72, 29009), (80, 29069), (85, 29126), (87, 29132), (88, 29138), (104, 29252), (105, 29258), (108, 29270), (118, 29345), (121, 29369), (122, 29372), (127, 29408), (128, 29414), (133, 29447), (144, 29528),

Gene: MidnightRain_38 Start: 25380, Stop: 26300, Start Num: 25
Candidate Starts for MidnightRain_38:
(11, 25251), (14, 25257), (Start: 25 @25380 has 103 MA's), (Start: 38 @25494 has 1 MA's), (49, 25554), (51, 25566), (73, 25713), (79, 25761), (82, 25806), (87, 25830), (88, 25836), (90, 25845), (93, 25869), (99, 25911), (102, 25923), (106, 25962), (110, 25980), (118, 26046), (135, 26166), (137, 26181),

Gene: MillySue_36 Start: 26192, Stop: 27112, Start Num: 25
Candidate Starts for MillySue_36:
(Start: 20 @26150 has 2 MA's), (Start: 25 @26192 has 103 MA's), (29, 26216), (Start: 38 @26306 has 1 MA's), (44, 26348), (49, 26366), (51, 26378), (59, 26435), (73, 26525), (79, 26573), (82, 26618), (87, 26642), (88, 26648), (90, 26657), (93, 26681), (118, 26858), (122, 26885), (132, 26954), (135, 26978), (137, 26993),

Gene: Mindy_51 Start: 36971, Stop: 37852, Start Num: 26
Candidate Starts for Mindy_51:
(Start: 26 @36971 has 132 MA's), (Start: 28 @36983 has 1 MA's), (Start: 34 @37013 has 1 MA's), (39, 37070), (58, 37151), (59, 37175), (61, 37196), (63, 37208), (65, 37217), (70, 37256), (72, 37259), (75, 37286), (78, 37313), (81, 37325), (85, 37379), (92, 37415), (98, 37466), (105, 37514), (119, 37622), (125, 37661), (133, 37703), (138, 37742), (150, 37838), (151, 37844),

Gene: Miniwave_49 Start: 37424, Stop: 38305, Start Num: 26
Candidate Starts for Miniwave_49:
(Start: 26 @37424 has 132 MA's), (Start: 28 @37436 has 1 MA's), (Start: 34 @37466 has 1 MA's), (39, 37523), (58, 37604), (59, 37628), (61, 37649), (63, 37661), (65, 37670), (70, 37709), (72, 37712), (75, 37739), (78, 37766), (81, 37778), (85, 37832), (92, 37868), (98, 37919), (105, 37967), (119, 38075), (125, 38114), (133, 38156), (138, 38195), (150, 38291), (151, 38297),

Gene: Misfit_54 Start: 38602, Stop: 39483, Start Num: 26
Candidate Starts for Misfit_54:
(Start: 26 @38602 has 132 MA's), (Start: 28 @38614 has 1 MA's), (Start: 34 @38644 has 1 MA's), (39, 38701), (58, 38782), (59, 38806), (61, 38827), (63, 38839), (65, 38848), (70, 38887), (72, 38890), (75, 38917), (78, 38944), (81, 38956), (85, 39010), (92, 39046), (98, 39097), (105, 39145), (119, 39253), (125, 39292), (133, 39334), (138, 39373), (150, 39469), (151, 39475),

Gene: Moldemort_55 Start: 37980, Stop: 38861, Start Num: 26
Candidate Starts for Moldemort_55:
(Start: 26 @37980 has 132 MA's), (Start: 28 @37992 has 1 MA's), (Start: 34 @38022 has 1 MA's), (39, 38079), (58, 38160), (59, 38184), (61, 38205), (63, 38217), (65, 38226), (70, 38265), (72, 38268), (75, 38295), (78, 38322), (81, 38334), (85, 38388), (92, 38424), (98, 38475), (105, 38523), (119, 38631), (125, 38670), (133, 38712), (138, 38751), (150, 38847), (151, 38853),

Gene: MollyToe_47 Start: 36431, Stop: 37312, Start Num: 26
Candidate Starts for MollyToe_47:
(Start: 26 @36431 has 132 MA's), (Start: 28 @36443 has 1 MA's), (Start: 34 @36473 has 1 MA's), (39, 36530), (58, 36611), (59, 36635), (61, 36656), (63, 36668), (65, 36677), (70, 36716), (72, 36719), (75, 36746), (78, 36773), (81, 36785), (85, 36839), (92, 36875), (98, 36926), (105, 36974), (119, 37082), (125, 37121), (133, 37163), (138, 37202), (150, 37298), (151, 37304),

Gene: Moonflower_36 Start: 30479, Stop: 31372, Start Num: 30
Candidate Starts for Moonflower_36:
(Start: 24 @30449 has 15 MA's), (Start: 25 @30455 has 103 MA's), (Start: 30 @30479 has 1 MA's), (32, 30497), (40, 30572), (41, 30575), (53, 30644), (55, 30650), (72, 30776), (80, 30836), (84, 30890), (87, 30899), (91, 30920), (92, 30929), (95, 30959), (116, 31091), (118, 31112), (121, 31136), (122, 31139), (127, 31175), (131, 31196), (136, 31241),

Gene: Mosby_48 Start: 36885, Stop: 37766, Start Num: 26
Candidate Starts for Mosby_48:
(Start: 26 @36885 has 132 MA's), (Start: 28 @36897 has 1 MA's), (Start: 34 @36927 has 1 MA's), (39, 36984), (58, 37065), (59, 37089), (61, 37110), (63, 37122), (65, 37131), (70, 37170), (72, 37173), (75, 37200), (78, 37227), (81, 37239), (85, 37293), (92, 37329), (98, 37380), (105, 37428), (119, 37536), (125, 37575), (133, 37617), (138, 37656), (150, 37752), (151, 37758),

Gene: Murica_54 Start: 38537, Stop: 39418, Start Num: 26
Candidate Starts for Murica_54:

(Start: 26 @38537 has 132 MA's), (Start: 28 @38549 has 1 MA's), (Start: 34 @38579 has 1 MA's), (39, 38636), (58, 38717), (59, 38741), (61, 38762), (63, 38774), (65, 38783), (70, 38822), (72, 38825), (75, 38852), (78, 38879), (81, 38891), (85, 38945), (92, 38981), (98, 39032), (105, 39080), (119, 39188), (125, 39227), (133, 39269), (138, 39308), (150, 39404), (151, 39410),

Gene: Murphy_54 Start: 37974, Stop: 38855, Start Num: 26
Candidate Starts for Murphy_54:
(Start: 26 @37974 has 132 MA's), (Start: 28 @37986 has 1 MA's), (Start: 34 @38016 has 1 MA's), (39, 38073), (58, 38154), (59, 38178), (61, 38199), (63, 38211), (65, 38220), (70, 38259), (72, 38262), (75, 38289), (78, 38316), (81, 38328), (85, 38382), (92, 38418), (98, 38469), (105, 38517), (119, 38625), (125, 38664), (133, 38706), (138, 38745), (150, 38841), (151, 38847),

Gene: MurphyJoseph_33 Start: 23945, Stop: 24748, Start Num: 38
Candidate Starts for MurphyJoseph_33:
(Start: 38 @23945 has 1 MA's), (44, 23984), (49, 24002), (59, 24071), (73, 24161), (79, 24209), (87, 24278), (88, 24284), (99, 24359), (102, 24371), (131, 24575), (132, 24590), (135, 24614), (139, 24635),

Gene: Mutzi_37 Start: 33648, Stop: 34565, Start Num: 25
Candidate Starts for Mutzi_37:
(Start: 24 @33642 has 15 MA's), (Start: 25 @33648 has 103 MA's), (41, 33768), (53, 33837), (55, 33843), (57, 33852), (67, 33945), (83, 34080), (84, 34083), (85, 34086), (87, 34092), (91, 34113), (100, 34176), (103, 34209), (104, 34212), (108, 34230), (116, 34284), (118, 34305), (121, 34329), (122, 34332), (127, 34368), (128, 34374), (131, 34389), (137, 34443), (149, 34536), (153, 34557),

Gene: Myrale_52 Start: 38228, Stop: 39109, Start Num: 26
Candidate Starts for Myrale_52:
(Start: 26 @38228 has 132 MA's), (Start: 28 @38240 has 1 MA's), (Start: 34 @38270 has 1 MA's), (39, 38327), (58, 38408), (59, 38432), (61, 38453), (63, 38465), (65, 38474), (70, 38513), (72, 38516), (75, 38543), (78, 38570), (81, 38582), (85, 38636), (92, 38672), (98, 38723), (105, 38771), (119, 38879), (125, 38918), (133, 38960), (138, 38999), (150, 39095), (151, 39101),

Gene: Nala_53 Start: 38095, Stop: 38976, Start Num: 26
Candidate Starts for Nala_53:
(Start: 26 @38095 has 132 MA's), (Start: 28 @38107 has 1 MA's), (Start: 34 @38137 has 1 MA's), (39, 38194), (58, 38275), (59, 38299), (61, 38320), (63, 38332), (65, 38341), (70, 38380), (72, 38383), (75, 38410), (78, 38437), (81, 38449), (85, 38503), (92, 38539), (98, 38590), (105, 38638), (119, 38746), (125, 38785), (133, 38827), (138, 38866), (150, 38962), (151, 38968),

Gene: Nandita_36 Start: 26292, Stop: 27212, Start Num: 25
Candidate Starts for Nandita_36:
(Start: 20 @26250 has 2 MA's), (Start: 25 @26292 has 103 MA's), (44, 26448), (49, 26466), (51, 26478), (73, 26625), (79, 26673), (84, 26733), (87, 26742), (88, 26748), (93, 26781), (96, 26805), (99, 26823), (102, 26835), (106, 26874), (132, 27054), (135, 27078), (137, 27093), (139, 27099), (148, 27180), (149, 27183),

Gene: NelitzaMV_49 Start: 37172, Stop: 38053, Start Num: 26
Candidate Starts for NelitzaMV_49:
(Start: 26 @37172 has 132 MA's), (Start: 28 @37184 has 1 MA's), (Start: 34 @37214 has 1 MA's), (39, 37271), (58, 37352), (59, 37376), (61, 37397), (63, 37409), (65, 37418), (70, 37457), (72, 37460), (75, 37487), (78, 37514), (81, 37526), (85, 37580), (92, 37616), (98, 37667), (105, 37715), (119, 37823), (125, 37862), (133, 37904), (138, 37943), (150, 38039), (151, 38045),

Gene: NewKitty_35 Start: 24177, Stop: 25094, Start Num: 25
Candidate Starts for NewKitty_35:
(Start: 25 @24177 has 103 MA's), (44, 24333), (48, 24348), (51, 24360), (73, 24507), (79, 24555), (82, 24600), (84, 24615), (87, 24624), (88, 24630), (91, 24645), (93, 24663), (99, 24705), (101, 24714), (106, 24756), (118, 24840), (122, 24867), (135, 24960), (136, 24966), (137, 24975), (149, 25065),

Gene: NikkiHotWheels_35 Start: 24352, Stop: 25272, Start Num: 25
Candidate Starts for NikkiHotWheels_35:
(Start: 25 @24352 has 103 MA's), (44, 24508), (49, 24526), (51, 24538), (59, 24595), (73, 24685), (74, 24694), (79, 24733), (87, 24802), (88, 24808), (93, 24841), (99, 24883), (102, 24895), (106, 24934), (132, 25114), (135, 25138), (137, 25153), (139, 25159), (148, 25240), (149, 25243),

Gene: Nimrod_55 Start: 38795, Stop: 39676, Start Num: 26
Candidate Starts for Nimrod_55:
(Start: 26 @38795 has 132 MA's), (Start: 28 @38807 has 1 MA's), (Start: 34 @38837 has 1 MA's), (39, 38894), (58, 38975), (59, 38999), (61, 39020), (63, 39032), (65, 39041), (70, 39080), (72, 39083), (75, 39110), (78, 39137), (81, 39149), (85, 39203), (92, 39239), (98, 39290), (105, 39338), (119, 39446), (125, 39485), (133, 39527), (138, 39566), (150, 39662), (151, 39668),

Gene: NoSleep_54 Start: 37734, Stop: 38615, Start Num: 26
Candidate Starts for NoSleep_54:
(Start: 26 @37734 has 132 MA's), (Start: 28 @37746 has 1 MA's), (Start: 34 @37776 has 1 MA's), (39, 37833), (58, 37914), (59, 37938), (61, 37959), (63, 37971), (65, 37980), (70, 38019), (72, 38022), (75, 38049), (78, 38076), (81, 38088), (85, 38142), (92, 38178), (98, 38229), (105, 38277), (119, 38385), (125, 38424), (133, 38466), (138, 38505), (150, 38601), (151, 38607),

Gene: NonchalantPear_53 Start: 37578, Stop: 38459, Start Num: 26
Candidate Starts for NonchalantPear_53:
(Start: 26 @37578 has 132 MA's), (Start: 28 @37590 has 1 MA's), (Start: 34 @37620 has 1 MA's), (39, 37677), (58, 37758), (59, 37782), (61, 37803), (63, 37815), (65, 37824), (70, 37863), (72, 37866), (75, 37893), (78, 37920), (81, 37932), (85, 37986), (92, 38022), (98, 38073), (105, 38121), (119, 38229), (125, 38268), (133, 38310), (138, 38349), (150, 38445), (151, 38451),

Gene: Oregano_37 Start: 27817, Stop: 28734, Start Num: 25
Candidate Starts for Oregano_37:
(Start: 24 @27811 has 15 MA's), (Start: 25 @27817 has 103 MA's), (53, 28006), (55, 28012), (67, 28114), (72, 28138), (80, 28198), (85, 28255), (87, 28261), (88, 28267), (104, 28381), (105, 28387), (108, 28399), (118, 28474), (121, 28498), (122, 28501), (127, 28537), (128, 28543), (133, 28576),

Gene: OrionPax_51 Start: 37179, Stop: 38060, Start Num: 26
Candidate Starts for OrionPax_51:
(Start: 26 @37179 has 132 MA's), (Start: 28 @37191 has 1 MA's), (Start: 34 @37221 has 1 MA's), (39, 37278), (58, 37359), (59, 37383), (61, 37404), (63, 37416), (65, 37425), (70, 37464), (72, 37467), (75, 37494), (78, 37521), (81, 37533), (85, 37587), (92, 37623), (98, 37674), (105, 37722), (119, 37830), (125, 37869), (133, 37911), (138, 37950), (150, 38046), (151, 38052),

Gene: PaddyBaddy_52 Start: 37186, Stop: 38067, Start Num: 26
Candidate Starts for PaddyBaddy_52:
(Start: 26 @37186 has 132 MA's), (Start: 28 @37198 has 1 MA's), (Start: 34 @37228 has 1 MA's), (39, 37285), (58, 37366), (59, 37390), (61, 37411), (63, 37423), (65, 37432), (70, 37471), (72, 37474), (75, 37501), (78, 37528), (81, 37540), (85, 37594), (92, 37630), (98, 37681), (105, 37729), (119, 37837), (125, 37876), (133, 37918), (138, 37957), (150, 38053), (151, 38059),

Gene: Palpatine_55 Start: 38567, Stop: 39448, Start Num: 26
Candidate Starts for Palpatine_55:
(Start: 26 @38567 has 132 MA's), (Start: 28 @38579 has 1 MA's), (Start: 34 @38609 has 1 MA's), (39, 38666), (58, 38747), (59, 38771), (61, 38792), (63, 38804), (65, 38813), (70, 38852), (72, 38855), (75, 38882), (78, 38909), (81, 38921), (85, 38975), (92, 39011), (98, 39062), (105, 39110), (119, 39218), (125, 39257), (133, 39299), (138, 39338), (150, 39434), (151, 39440),

Gene: Paperbeatsrock_51 Start: 38102, Stop: 38983, Start Num: 26
Candidate Starts for Paperbeatsrock_51:
(Start: 26 @38102 has 132 MA's), (Start: 28 @38114 has 1 MA's), (Start: 34 @38144 has 1 MA's), (39, 38201), (58, 38282), (59, 38306), (61, 38327), (63, 38339), (65, 38348), (70, 38387), (72, 38390), (75, 38417), (78, 38444), (81, 38456), (85, 38510), (92, 38546), (98, 38597), (105, 38645), (119, 38753), (125, 38792), (133, 38834), (138, 38873), (150, 38969), (151, 38975),

Gene: Pat3_50 Start: 36332, Stop: 37213, Start Num: 26
Candidate Starts for Pat3_50:
(Start: 26 @36332 has 132 MA's), (Start: 28 @36344 has 1 MA's), (Start: 34 @36374 has 1 MA's), (39, 36431), (58, 36512), (59, 36536), (61, 36557), (63, 36569), (65, 36578), (70, 36617), (72, 36620), (75, 36647), (78, 36674), (81, 36686), (85, 36740), (92, 36776), (98, 36827), (105, 36875), (119, 36983), (125, 37022), (133, 37064), (138, 37103), (150, 37199), (151, 37205),

Gene: PatriciaStar_34 Start: 29249, Stop: 30166, Start Num: 25
Candidate Starts for PatriciaStar_34:
(Start: 24 @29243 has 15 MA's), (Start: 25 @29249 has 103 MA's), (Start: 30 @29273 has 1 MA's), (41, 29369), (55, 29444), (62, 29516), (70, 29567), (80, 29630), (84, 29684), (87, 29693), (91, 29714), (92, 29723), (118, 29906), (122, 29933), (127, 29969), (148, 30134),

Gene: PeggyLeg03_34 Start: 24890, Stop: 25810, Start Num: 25
Candidate Starts for PeggyLeg03_34:
(Start: 25 @24890 has 103 MA's), (44, 25046), (49, 25064), (51, 25076), (73, 25223), (74, 25232), (79, 25271), (87, 25340), (88, 25346), (93, 25379), (99, 25421), (102, 25433), (132, 25652), (134, 25664), (135, 25676), (137, 25691), (139, 25697), (148, 25778), (149, 25781),

Gene: Petra64142_57 Start: 39031, Stop: 39912, Start Num: 26
Candidate Starts for Petra64142_57:
(Start: 26 @39031 has 132 MA's), (Start: 28 @39043 has 1 MA's), (Start: 34 @39073 has 1 MA's), (39, 39130), (58, 39211), (59, 39235), (61, 39256), (63, 39268), (65, 39277), (70, 39316), (72, 39319), (75, 39346), (78, 39373), (81, 39385), (85, 39439), (92, 39475), (98, 39526), (105, 39574), (119, 39682), (125, 39721), (133, 39763), (138, 39802), (150, 39898), (151, 39904),

Gene: Phaja_50 Start: 37928, Stop: 38809, Start Num: 26
Candidate Starts for Phaja_50:
(Start: 26 @37928 has 132 MA's), (Start: 28 @37940 has 1 MA's), (Start: 34 @37970 has 1 MA's), (39, 38027), (58, 38108), (59, 38132), (61, 38153), (63, 38165), (65, 38174), (70, 38213), (72, 38216), (75, 38243), (78, 38270), (81, 38282), (85, 38336), (92, 38372), (98, 38423), (105, 38471), (119, 38579), (125, 38618), (133, 38660), (138, 38699), (150, 38795), (151, 38801),

Gene: Pharsalus_50 Start: 37902, Stop: 38783, Start Num: 26
Candidate Starts for Pharsalus_50:
(Start: 26 @37902 has 132 MA's), (Start: 28 @37914 has 1 MA's), (Start: 34 @37944 has 1 MA's), (39, 38001), (58, 38082), (59, 38106), (61, 38127), (63, 38139), (65, 38148), (70, 38187), (72, 38190), (75, 38217), (78, 38244), (81, 38256), (85, 38310), (92, 38346), (98, 38397), (105, 38445), (119, 38553), (125, 38592), (133, 38634), (138, 38673), (150, 38769), (151, 38775),

Gene: PhatBacter_55 Start: 38581, Stop: 39462, Start Num: 26
Candidate Starts for PhatBacter_55:
(Start: 26 @38581 has 132 MA's), (Start: 28 @38593 has 1 MA's), (Start: 34 @38623 has 1 MA's), (39, 38680), (58, 38761), (59, 38785), (61, 38806), (63, 38818), (65, 38827), (70, 38866), (72, 38869), (75, 38896), (78, 38923), (81, 38935), (85, 38989), (92, 39025), (98, 39076), (105, 39124), (119, 39232), (125, 39271), (133, 39313), (138, 39352), (150, 39448), (151, 39454),

Gene: Phaux_54 Start: 38579, Stop: 39460, Start Num: 26
Candidate Starts for Phaux_54:
(Start: 26 @38579 has 132 MA's), (Start: 28 @38591 has 1 MA's), (Start: 34 @38621 has 1 MA's), (39, 38678), (58, 38759), (59, 38783), (61, 38804), (63, 38816), (65, 38825), (70, 38864), (72, 38867), (75, 38894), (78, 38921), (81, 38933), (85, 38987), (92, 39023), (98, 39074), (105, 39122), (119, 39230), (125, 39269), (133, 39311), (138, 39350), (150, 39446), (151, 39452),

Gene: PhriskyACE_35 Start: 28658, Stop: 29575, Start Num: 25
Candidate Starts for PhriskyACE_35:
(Start: 24 @28652 has 15 MA's), (Start: 25 @28658 has 103 MA's), (52, 28841), (53, 28847), (55, 28853), (80, 29039), (87, 29102), (88, 29108), (91, 29123), (104, 29222), (105, 29228), (108, 29240), (118, 29315), (121, 29339), (122, 29342), (127, 29378), (128, 29384), (130, 29396), (137, 29453), (144, 29498),

Gene: Phrux_50 Start: 37172, Stop: 38053, Start Num: 26
Candidate Starts for Phrux_50:
(Start: 26 @37172 has 132 MA's), (Start: 28 @37184 has 1 MA's), (Start: 34 @37214 has 1 MA's), (39, 37271), (58, 37352), (59, 37376), (61, 37397), (63, 37409), (65, 37418), (70, 37457), (72, 37460), (75, 37487), (78, 37514), (81, 37526), (85, 37580), (92, 37616), (98, 37667), (105, 37715), (119, 37823), (125, 37862), (133, 37904), (138, 37943), (150, 38039), (151, 38045),

Gene: Pipp_33 Start: 27701, Stop: 28627, Start Num: 24
Candidate Starts for Pipp_33:
(Start: 24 @27701 has 15 MA's), (Start: 25 @27707 has 103 MA's), (40, 27824), (41, 27827), (52, 27890), (53, 27896), (55, 27902), (67, 28004), (80, 28088), (84, 28142), (85, 28145), (87, 28151), (91, 28172), (104, 28271), (108, 28289), (118, 28364), (122, 28391), (127, 28427), (137, 28502),

Gene: Policronamos_55 Start: 38579, Stop: 39460, Start Num: 26
Candidate Starts for Policronamos_55:
(Start: 26 @38579 has 132 MA's), (Start: 28 @38591 has 1 MA's), (Start: 34 @38621 has 1 MA's), (39, 38678), (58, 38759), (59, 38783), (61, 38804), (63, 38816), (65, 38825), (70, 38864), (72, 38867), (75, 38894), (78, 38921), (81, 38933), (85, 38987), (92, 39023), (98, 39074), (105, 39122), (119, 39230), (125, 39269), (133, 39311), (138, 39350), (150, 39446), (151, 39452),

Gene: Pollux_37 Start: 30910, Stop: 31827, Start Num: 25
Candidate Starts for Pollux_37:
(Start: 24 @30904 has 15 MA's), (Start: 25 @30910 has 103 MA's), (Start: 30 @30934 has 1 MA's), (41, 31030), (53, 31099), (55, 31105), (70, 31228), (80, 31291), (84, 31345), (87, 31354), (91, 31375), (92, 31384), (95, 31414), (100, 31438), (116, 31546), (118, 31567), (122, 31594),

Gene: Popper_34 Start: 26204, Stop: 27124, Start Num: 25
Candidate Starts for Popper_34:
(Start: 25 @26204 has 103 MA's), (31, 26243), (44, 26360), (49, 26378), (51, 26390), (73, 26537), (79, 26585), (84, 26645), (87, 26654), (88, 26660), (93, 26693), (99, 26735), (102, 26747), (106, 26786), (132, 26966), (135, 26990), (137, 27005), (139, 27011), (148, 27092), (149, 27095),

Gene: Porky_51 Start: 37298, Stop: 38179, Start Num: 26
Candidate Starts for Porky_51:
(Start: 26 @37298 has 132 MA's), (Start: 28 @37310 has 1 MA's), (Start: 34 @37340 has 1 MA's), (39, 37397), (58, 37478), (59, 37502), (61, 37523), (63, 37535), (65, 37544), (70, 37583), (72, 37586), (75, 37613), (78, 37640), (81, 37652), (85, 37706), (92, 37742), (98, 37793), (105, 37841), (119, 37949), (125, 37988), (133, 38030), (138, 38069), (150, 38165), (151, 38171),

Gene: Ptowny_51 Start: 36764, Stop: 37645, Start Num: 26
Candidate Starts for Ptowny_51:
(Start: 26 @36764 has 132 MA's), (Start: 28 @36776 has 1 MA's), (Start: 34 @36806 has 1 MA's), (39, 36863), (58, 36944), (59, 36968), (61, 36989), (63, 37001), (65, 37010), (70, 37049), (72, 37052), (75, 37079), (78, 37106), (81, 37118), (85, 37172), (92, 37208), (98, 37259), (105, 37307), (119, 37415), (125, 37454), (133, 37496), (138, 37535), (150, 37631), (151, 37637),

Gene: Pucara_31 Start: 24120, Stop: 25040, Start Num: 25
Candidate Starts for Pucara_31:
(Start: 25 @24120 has 103 MA's), (44, 24276), (49, 24294), (51, 24306), (73, 24453), (74, 24462), (79, 24501), (87, 24570), (88, 24576), (93, 24609), (99, 24651), (132, 24882), (135, 24906), (139, 24927), (148, 25008), (149, 25011),

Gene: Pumpkin_54 Start: 38229, Stop: 39110, Start Num: 26
Candidate Starts for Pumpkin_54:
(Start: 26 @38229 has 132 MA's), (Start: 28 @38241 has 1 MA's), (Start: 34 @38271 has 1 MA's), (39, 38328), (58, 38409), (59, 38433), (61, 38454), (63, 38466), (65, 38475), (70, 38514), (72, 38517), (75, 38544), (78, 38571), (81, 38583), (85, 38637), (92, 38673), (98, 38724), (105, 38772), (119, 38880), (125, 38919), (133, 38961), (138, 39000), (150, 39096), (151, 39102),

Gene: Pytheas_34 Start: 28853, Stop: 29788, Start Num: 24
Candidate Starts for Pytheas_34:
(19, 28799), (Start: 24 @28853 has 15 MA's), (41, 28985), (59, 29102), (67, 29162), (68, 29165), (72, 29186), (83, 29297), (87, 29309), (99, 29390), (107, 29444), (109, 29450), (112, 29468), (118, 29528), (121, 29552), (122, 29555), (127, 29591), (128, 29597), (141, 29675), (146, 29735),

Gene: Quallification_53 Start: 38217, Stop: 39098, Start Num: 26
Candidate Starts for Quallification_53:
(Start: 26 @38217 has 132 MA's), (Start: 28 @38229 has 1 MA's), (Start: 34 @38259 has 1 MA's), (39, 38316), (58, 38397), (59, 38421), (61, 38442), (63, 38454), (65, 38463), (70, 38502), (72, 38505), (75, 38532), (78, 38559), (81, 38571), (85, 38625), (92, 38661), (98, 38712), (105, 38760), (119, 38868), (125, 38907), (133, 38949), (138, 38988), (150, 39084), (151, 39090),

Gene: QuinnAvery_38 Start: 27407, Stop: 28369, Start Num: 20
Candidate Starts for QuinnAvery_38:
(Start: 20 @27407 has 2 MA's), (Start: 25 @27449 has 103 MA's), (44, 27605), (49, 27623), (51, 27635), (73, 27782), (74, 27791), (79, 27830), (83, 27887), (87, 27899), (88, 27905), (93, 27938), (96, 27962), (99, 27980), (102, 27992), (132, 28211), (135, 28235), (137, 28250), (139, 28256), (148, 28337), (149, 28340),

Gene: RadFad_36 Start: 24572, Stop: 25492, Start Num: 25
Candidate Starts for RadFad_36:
(11, 24443), (17, 24470), (Start: 25 @24572 has 103 MA's), (Start: 38 @24686 has 1 MA's), (49, 24746), (51, 24758), (59, 24815), (73, 24905), (79, 24953), (87, 25022), (88, 25028), (93, 25061), (96, 25085), (135, 25358), (137, 25373), (139, 25379),

Gene: Rakim_54 Start: 37979, Stop: 38860, Start Num: 26
Candidate Starts for Rakim_54:
(Start: 26 @37979 has 132 MA's), (Start: 28 @37991 has 1 MA's), (Start: 34 @38021 has 1 MA's), (39, 38078), (58, 38159), (59, 38183), (61, 38204), (63, 38216), (65, 38225), (70, 38264), (72, 38267), (75, 38294), (78, 38321), (81, 38333), (85, 38387), (92, 38423), (98, 38474), (105, 38522), (119, 38630), (125, 38669), (133, 38711), (138, 38750), (150, 38846), (151, 38852),

Gene: Raphaella_36 Start: 24506, Stop: 25423, Start Num: 25
Candidate Starts for Raphaella_36:
(11, 24377), (14, 24383), (Start: 25 @24506 has 103 MA's), (44, 24662), (48, 24677), (51, 24689), (73, 24836), (74, 24845), (79, 24884), (82, 24929), (87, 24953), (88, 24959), (93, 24992), (99, 25034), (101, 25043), (106, 25085), (118, 25169), (135, 25289), (137, 25304),

Gene: Richie_36 Start: 24587, Stop: 25504, Start Num: 25
Candidate Starts for Richie_36:
(11, 24458), (14, 24464), (Start: 25 @24587 has 103 MA's), (48, 24758), (51, 24770), (59, 24827), (73, 24917), (74, 24926), (79, 24965), (82, 25010), (87, 25034), (88, 25040), (93, 25073), (99, 25115), (101, 25124), (106, 25166), (118, 25250), (135, 25370), (137, 25385),

Gene: Rimmer_53 Start: 37921, Stop: 38802, Start Num: 26
Candidate Starts for Rimmer_53:
(Start: 26 @37921 has 132 MA's), (Start: 28 @37933 has 1 MA's), (Start: 34 @37963 has 1 MA's), (39, 38020), (58, 38101), (59, 38125), (61, 38146), (63, 38158), (65, 38167), (70, 38206), (72, 38209), (75, 38236), (78, 38263), (81, 38275), (85, 38329), (92, 38365), (98, 38416), (105, 38464), (119, 38572), (125, 38611), (133, 38653), (138, 38692), (150, 38788), (151, 38794),

Gene: RiverMonster_53 Start: 37750, Stop: 38631, Start Num: 26
Candidate Starts for RiverMonster_53:
(Start: 26 @37750 has 132 MA's), (Start: 28 @37762 has 1 MA's), (Start: 34 @37792 has 1 MA's), (39, 37849), (58, 37930), (59, 37954), (61, 37975), (63, 37987), (65, 37996), (70, 38035), (72, 38038), (75, 38065), (78, 38092), (81, 38104), (85, 38158), (92, 38194), (98, 38245), (105, 38293), (119, 38401), (125, 38440), (133, 38482), (138, 38521), (150, 38617), (151, 38623),

Gene: Rizz_37 Start: 27992, Stop: 28915, Start Num: 24
Candidate Starts for Rizz_37:
(Start: 24 @27992 has 15 MA's), (Start: 25 @27998 has 103 MA's), (53, 28187), (55, 28193), (67, 28295), (72, 28319), (80, 28379), (85, 28436), (87, 28442), (88, 28448), (104, 28562), (105, 28568), (108, 28580), (118, 28655), (121, 28679), (122, 28682), (127, 28718), (128, 28724), (133, 28757), (144, 28838),

Gene: Ryan_36 Start: 26903, Stop: 27823, Start Num: 25
Candidate Starts for Ryan_36:
(Start: 20 @26861 has 2 MA's), (Start: 25 @26903 has 103 MA's), (44, 27059), (49, 27077), (51, 27089), (73, 27236), (74, 27245), (79, 27284), (87, 27353), (88, 27359), (93, 27392), (96, 27416), (99, 27434), (102, 27446), (106, 27485), (132, 27665), (135, 27689), (137, 27704), (139, 27710), (148, 27791), (149, 27794),

Gene: Saintcarr_36 Start: 26465, Stop: 27385, Start Num: 25
Candidate Starts for Saintcarr_36:
(Start: 20 @26423 has 2 MA's), (Start: 25 @26465 has 103 MA's), (44, 26621), (49, 26639), (51, 26651), (73, 26798), (79, 26846), (84, 26906), (87, 26915), (88, 26921), (93, 26954), (96, 26978), (99, 26996), (102, 27008), (106, 27047), (132, 27227), (135, 27251), (139, 27272), (148, 27353), (149,

27356),

Gene: Saints25_53 Start: 37462, Stop: 38343, Start Num: 26
Candidate Starts for Saints25_53:
(Start: 26 @37462 has 132 MA's), (Start: 28 @37474 has 1 MA's), (Start: 34 @37504 has 1 MA's), (39, 37561), (58, 37642), (59, 37666), (61, 37687), (63, 37699), (65, 37708), (70, 37747), (72, 37750), (75, 37777), (78, 37804), (81, 37816), (85, 37870), (92, 37906), (98, 37957), (105, 38005), (119, 38113), (125, 38152), (133, 38194), (138, 38233), (150, 38329), (151, 38335),

Gene: Sakai_36 Start: 24515, Stop: 25432, Start Num: 25
Candidate Starts for Sakai_36:
(11, 24386), (14, 24392), (Start: 25 @24515 has 103 MA's), (44, 24671), (48, 24686), (51, 24698), (73, 24845), (74, 24854), (79, 24893), (82, 24938), (87, 24962), (88, 24968), (93, 25001), (99, 25043), (101, 25052), (106, 25094), (118, 25178), (135, 25298), (137, 25313),

Gene: Samman98_36 Start: 27315, Stop: 28232, Start Num: 25
Candidate Starts for Samman98_36:
(Start: 24 @27309 has 15 MA's), (Start: 25 @27315 has 103 MA's), (53, 27504), (55, 27510), (67, 27612), (72, 27636), (80, 27696), (85, 27753), (87, 27759), (88, 27765), (104, 27879), (105, 27885), (108, 27897), (118, 27972), (121, 27996), (122, 27999), (127, 28035), (128, 28041), (130, 28053), (144, 28155),

Gene: Sashimi_35 Start: 25890, Stop: 26810, Start Num: 25
Candidate Starts for Sashimi_35:
(10, 25755), (11, 25758), (15, 25773), (16, 25782), (Start: 20 @25848 has 2 MA's), (Start: 25 @25890 has 103 MA's), (44, 26046), (46, 26052), (49, 26064), (51, 26076), (73, 26223), (74, 26232), (79, 26271), (82, 26316), (87, 26340), (88, 26346), (102, 26433), (110, 26490), (117, 26550), (118, 26556), (122, 26583), (135, 26676), (137, 26691), (149, 26781),

Gene: Sassay_46 Start: 35849, Stop: 36730, Start Num: 26
Candidate Starts for Sassay_46:
(Start: 26 @35849 has 132 MA's), (Start: 28 @35861 has 1 MA's), (Start: 34 @35891 has 1 MA's), (39, 35948), (58, 36029), (59, 36053), (61, 36074), (63, 36086), (65, 36095), (70, 36134), (72, 36137), (75, 36164), (78, 36191), (81, 36203), (85, 36257), (92, 36293), (98, 36344), (105, 36392), (119, 36500), (125, 36539), (133, 36581), (138, 36620), (150, 36716), (151, 36722),

Gene: Satrap_36 Start: 24680, Stop: 25600, Start Num: 25
Candidate Starts for Satrap_36:
(11, 24551), (Start: 25 @24680 has 103 MA's), (49, 24854), (73, 25013), (79, 25061), (82, 25106), (87, 25130), (88, 25136), (90, 25145), (93, 25169), (102, 25223), (110, 25280), (118, 25346), (135, 25466), (137, 25481), (149, 25571),

Gene: Schism_38 Start: 27082, Stop: 28002, Start Num: 25
Candidate Starts for Schism_38:
(Start: 20 @27040 has 2 MA's), (Start: 25 @27082 has 103 MA's), (44, 27238), (49, 27256), (51, 27268), (59, 27325), (73, 27415), (74, 27424), (79, 27463), (84, 27523), (87, 27532), (88, 27538), (93, 27571), (99, 27613), (102, 27625), (106, 27664), (132, 27844), (135, 27868), (137, 27883), (139, 27889), (148, 27970), (149, 27973),

Gene: Seahorse_38 Start: 26187, Stop: 27107, Start Num: 25
Candidate Starts for Seahorse_38:
(11, 26058), (14, 26064), (Start: 25 @26187 has 103 MA's), (Start: 38 @26301 has 1 MA's), (47, 26352), (49, 26361), (51, 26373), (59, 26430), (73, 26520), (74, 26529), (79, 26568), (87, 26637), (88,

26643), (90, 26652), (93, 26676), (96, 26700), (120, 26874), (135, 26973), (137, 26988), (149, 27078),

Gene: ShamWow_52 Start: 38365, Stop: 39246, Start Num: 26
Candidate Starts for ShamWow_52:
(Start: 26 @38365 has 132 MA's), (Start: 28 @38377 has 1 MA's), (Start: 34 @38407 has 1 MA's), (39, 38464), (58, 38545), (59, 38569), (61, 38590), (63, 38602), (65, 38611), (70, 38650), (72, 38653), (75, 38680), (78, 38707), (81, 38719), (85, 38773), (92, 38809), (98, 38860), (105, 38908), (119, 39016), (125, 39055), (133, 39097), (138, 39136), (150, 39232), (151, 39238),

Gene: SharkTale_39 Start: 33669, Stop: 34586, Start Num: 25
Candidate Starts for SharkTale_39:
(Start: 24 @33663 has 15 MA's), (Start: 25 @33669 has 103 MA's), (40, 33786), (41, 33789), (52, 33852), (53, 33858), (55, 33864), (80, 34050), (84, 34104), (85, 34107), (87, 34113), (91, 34134), (104, 34233), (108, 34251), (118, 34326), (122, 34353), (137, 34464), (149, 34557), (153, 34578),

Gene: ShereKhan_50 Start: 38141, Stop: 39022, Start Num: 26
Candidate Starts for ShereKhan_50:
(Start: 26 @38141 has 132 MA's), (Start: 28 @38153 has 1 MA's), (Start: 34 @38183 has 1 MA's), (39, 38240), (58, 38321), (59, 38345), (61, 38366), (63, 38378), (65, 38387), (70, 38426), (72, 38429), (75, 38456), (78, 38483), (81, 38495), (85, 38549), (92, 38585), (98, 38636), (105, 38684), (119, 38792), (125, 38831), (133, 38873), (138, 38912), (150, 39008), (151, 39014),

Gene: Shlim410_35 Start: 30765, Stop: 31682, Start Num: 25
Candidate Starts for Shlim410_35:
(Start: 24 @30759 has 15 MA's), (Start: 25 @30765 has 103 MA's), (51, 30945), (53, 30954), (55, 30960), (77, 31131), (80, 31146), (85, 31203), (87, 31209), (88, 31215), (91, 31230), (104, 31329), (105, 31335), (108, 31347), (118, 31422), (121, 31446), (122, 31449), (127, 31485), (128, 31491), (130, 31503), (144, 31605),

Gene: Shukran_39 Start: 25561, Stop: 26481, Start Num: 25
Candidate Starts for Shukran_39:
(Start: 25 @25561 has 103 MA's), (Start: 38 @25675 has 1 MA's), (49, 25735), (51, 25747), (73, 25894), (74, 25903), (79, 25942), (82, 25987), (87, 26011), (88, 26017), (90, 26026), (93, 26050), (99, 26092), (100, 26095), (101, 26101), (106, 26143), (110, 26161), (118, 26227), (122, 26254), (135, 26347), (137, 26362),

Gene: Simpliphy_51 Start: 37446, Stop: 38327, Start Num: 26
Candidate Starts for Simpliphy_51:
(Start: 26 @37446 has 132 MA's), (Start: 28 @37458 has 1 MA's), (Start: 34 @37488 has 1 MA's), (39, 37545), (58, 37626), (59, 37650), (61, 37671), (63, 37683), (65, 37692), (70, 37731), (72, 37734), (75, 37761), (78, 37788), (81, 37800), (85, 37854), (92, 37890), (98, 37941), (105, 37989), (119, 38097), (125, 38136), (133, 38178), (138, 38217), (150, 38313), (151, 38319),

Gene: SirDuracell_51 Start: 36422, Stop: 37303, Start Num: 26
Candidate Starts for SirDuracell_51:
(Start: 26 @36422 has 132 MA's), (Start: 28 @36434 has 1 MA's), (Start: 34 @36464 has 1 MA's), (39, 36521), (58, 36602), (59, 36626), (61, 36647), (63, 36659), (65, 36668), (70, 36707), (72, 36710), (75, 36737), (78, 36764), (81, 36776), (85, 36830), (92, 36866), (98, 36917), (105, 36965), (119, 37073), (125, 37112), (133, 37154), (138, 37193), (150, 37289), (151, 37295),

Gene: Sixama_89 Start: 47436, Stop: 48350, Start Num: 30
Candidate Starts for Sixama_89:

(Start: 30 @47436 has 1 MA's), (35, 47481), (43, 47538), (46, 47568), (50, 47586), (61, 47667), (64, 47685), (80, 47796), (82, 47853), (86, 47874), (87, 47877), (111, 48027), (113, 48063), (116, 48072),

Gene: Sixsevenium_40 Start: 32694, Stop: 33611, Start Num: 25
Candidate Starts for Sixsevenium_40:
(Start: 24 @32688 has 15 MA's), (Start: 25 @32694 has 103 MA's), (40, 32811), (41, 32814), (52, 32877), (53, 32883), (55, 32889), (80, 33075), (84, 33129), (85, 33132), (87, 33138), (91, 33159), (104, 33258), (105, 33264), (108, 33276), (118, 33351), (122, 33378), (132, 33450), (137, 33489), (153, 33603),

Gene: SonDevVon_36 Start: 24920, Stop: 25837, Start Num: 25
Candidate Starts for SonDevVon_36:
(Start: 25 @24920 has 103 MA's), (44, 25076), (48, 25091), (51, 25103), (73, 25250), (79, 25298), (82, 25343), (87, 25367), (88, 25373), (91, 25388), (93, 25406), (99, 25448), (101, 25457), (118, 25583), (122, 25610), (137, 25718), (149, 25808),

Gene: SophKB_49 Start: 37121, Stop: 38002, Start Num: 26
Candidate Starts for SophKB_49:
(Start: 26 @37121 has 132 MA's), (Start: 28 @37133 has 1 MA's), (Start: 34 @37163 has 1 MA's), (39, 37220), (58, 37301), (59, 37325), (61, 37346), (63, 37358), (65, 37367), (70, 37406), (72, 37409), (75, 37436), (78, 37463), (81, 37475), (85, 37529), (92, 37565), (98, 37616), (105, 37664), (119, 37772), (125, 37811), (133, 37853), (138, 37892), (150, 37988), (151, 37994),

Gene: Sotrice96_53 Start: 37827, Stop: 38708, Start Num: 26
Candidate Starts for Sotrice96_53:
(Start: 26 @37827 has 132 MA's), (Start: 28 @37839 has 1 MA's), (Start: 34 @37869 has 1 MA's), (39, 37926), (58, 38007), (59, 38031), (61, 38052), (63, 38064), (65, 38073), (70, 38112), (72, 38115), (75, 38142), (78, 38169), (81, 38181), (85, 38235), (92, 38271), (98, 38322), (105, 38370), (119, 38478), (125, 38517), (133, 38559), (138, 38598), (150, 38694), (151, 38700),

Gene: SpicyFrank_36 Start: 24807, Stop: 25724, Start Num: 25
Candidate Starts for SpicyFrank_36:
(11, 24678), (14, 24684), (Start: 25 @24807 has 103 MA's), (44, 24963), (48, 24978), (51, 24990), (73, 25137), (79, 25185), (82, 25230), (87, 25254), (88, 25260), (93, 25293), (99, 25335), (101, 25344), (102, 25347), (108, 25392), (118, 25470), (132, 25566), (135, 25590), (137, 25605), (149, 25695),

Gene: Spooky_35 Start: 27760, Stop: 28698, Start Num: 24
Candidate Starts for Spooky_35:
(21, 27748), (Start: 24 @27760 has 15 MA's), (36, 27853), (45, 27925), (57, 27976), (66, 28054), (72, 28093), (76, 28132), (83, 28204), (87, 28216), (90, 28231), (91, 28237), (94, 28261), (99, 28297), (109, 28357), (112, 28375), (114, 28408), (118, 28435), (121, 28459), (122, 28462), (126, 28495), (127, 28501), (141, 28585), (144, 28621), (153, 28690),

Gene: Sporco_36 Start: 24563, Stop: 25480, Start Num: 25
Candidate Starts for Sporco_36:
(11, 24434), (14, 24440), (Start: 25 @24563 has 103 MA's), (44, 24719), (48, 24734), (51, 24746), (73, 24893), (74, 24902), (79, 24941), (82, 24986), (87, 25010), (88, 25016), (93, 25049), (99, 25091), (101, 25100), (106, 25142), (118, 25226), (135, 25346), (137, 25361),

Gene: Sprinklemunch_42 Start: 31103, Stop: 32026, Start Num: 24
Candidate Starts for Sprinklemunch_42:
(Start: 24 @31103 has 15 MA's), (Start: 25 @31109 has 103 MA's), (40, 31226), (41, 31229), (53, 31298), (55, 31304), (70, 31427), (72, 31430), (80, 31490), (84, 31544), (87, 31553), (91, 31574), (104,

31673), (105, 31679), (116, 31745), (118, 31766), (122, 31793), (128, 31835), (133, 31868), (153, 32018),

Gene: Squiddly_37 Start: 28992, Stop: 29930, Start Num: 24
Candidate Starts for Squiddly_37:
(21, 28980), (Start: 24 @28992 has 15 MA's), (45, 29157), (57, 29208), (72, 29325), (83, 29436), (87, 29448), (90, 29463), (91, 29469), (92, 29478), (94, 29493), (99, 29529), (104, 29568), (109, 29589), (112, 29607), (114, 29640), (118, 29667), (121, 29691), (122, 29694), (123, 29697), (125, 29721), (127, 29733), (137, 29808), (139, 29814), (141, 29817), (149, 29901), (153, 29922),

Gene: Stank_56 Start: 38379, Stop: 39260, Start Num: 26
Candidate Starts for Stank_56:
(Start: 26 @38379 has 132 MA's), (Start: 28 @38391 has 1 MA's), (Start: 34 @38421 has 1 MA's), (39, 38478), (58, 38559), (59, 38583), (61, 38604), (63, 38616), (65, 38625), (70, 38664), (72, 38667), (75, 38694), (78, 38721), (81, 38733), (85, 38787), (92, 38823), (98, 38874), (105, 38922), (119, 39030), (125, 39069), (133, 39111), (138, 39150), (150, 39246), (151, 39252),

Gene: Stark_53 Start: 37634, Stop: 38515, Start Num: 26
Candidate Starts for Stark_53:
(Start: 26 @37634 has 132 MA's), (Start: 28 @37646 has 1 MA's), (Start: 34 @37676 has 1 MA's), (39, 37733), (58, 37814), (59, 37838), (61, 37859), (63, 37871), (65, 37880), (70, 37919), (72, 37922), (75, 37949), (78, 37976), (81, 37988), (85, 38042), (92, 38078), (98, 38129), (105, 38177), (119, 38285), (125, 38324), (133, 38366), (138, 38405), (150, 38501), (151, 38507),

Gene: StellaBean_50 Start: 37689, Stop: 38570, Start Num: 26
Candidate Starts for StellaBean_50:
(Start: 26 @37689 has 132 MA's), (Start: 28 @37701 has 1 MA's), (Start: 34 @37731 has 1 MA's), (39, 37788), (58, 37869), (59, 37893), (61, 37914), (63, 37926), (65, 37935), (70, 37974), (72, 37977), (75, 38004), (78, 38031), (81, 38043), (85, 38097), (92, 38133), (98, 38184), (105, 38232), (119, 38340), (125, 38379), (133, 38421), (138, 38460), (150, 38556), (151, 38562),

Gene: StolenFromERC_55 Start: 37863, Stop: 38744, Start Num: 26
Candidate Starts for StolenFromERC_55:
(Start: 26 @37863 has 132 MA's), (Start: 28 @37875 has 1 MA's), (Start: 34 @37905 has 1 MA's), (39, 37962), (58, 38043), (59, 38067), (61, 38088), (63, 38100), (65, 38109), (70, 38148), (72, 38151), (75, 38178), (78, 38205), (81, 38217), (85, 38271), (92, 38307), (98, 38358), (105, 38406), (119, 38514), (125, 38553), (133, 38595), (138, 38634), (150, 38730), (151, 38736),

Gene: StormChicken_54 Start: 38529, Stop: 39410, Start Num: 26
Candidate Starts for StormChicken_54:
(Start: 26 @38529 has 132 MA's), (Start: 28 @38541 has 1 MA's), (Start: 34 @38571 has 1 MA's), (39, 38628), (58, 38709), (59, 38733), (61, 38754), (63, 38766), (65, 38775), (70, 38814), (72, 38817), (75, 38844), (78, 38871), (81, 38883), (85, 38937), (92, 38973), (98, 39024), (105, 39072), (119, 39180), (125, 39219), (133, 39261), (138, 39300), (150, 39396), (151, 39402),

Gene: TBrady12_55 Start: 37863, Stop: 38744, Start Num: 26
Candidate Starts for TBrady12_55:
(Start: 26 @37863 has 132 MA's), (Start: 28 @37875 has 1 MA's), (Start: 34 @37905 has 1 MA's), (39, 37962), (58, 38043), (59, 38067), (61, 38088), (63, 38100), (65, 38109), (70, 38148), (72, 38151), (75, 38178), (78, 38205), (81, 38217), (85, 38271), (92, 38307), (98, 38358), (105, 38406), (119, 38514), (125, 38553), (133, 38595), (138, 38634), (150, 38730), (151, 38736),

Gene: Tarkin_51 Start: 38111, Stop: 38992, Start Num: 26

Candidate Starts for Tarkin_51:
(Start: 26 @38111 has 132 MA's), (Start: 28 @38123 has 1 MA's), (Start: 34 @38153 has 1 MA's), (39, 38210), (58, 38291), (59, 38315), (61, 38336), (63, 38348), (65, 38357), (70, 38396), (72, 38399), (75, 38426), (78, 38453), (81, 38465), (85, 38519), (92, 38555), (98, 38606), (105, 38654), (119, 38762), (125, 38801), (133, 38843), (138, 38882), (150, 38978), (151, 38984),

Gene: TeamEdward_55 Start: 38526, Stop: 39407, Start Num: 26
Candidate Starts for TeamEdward_55:
(Start: 26 @38526 has 132 MA's), (Start: 28 @38538 has 1 MA's), (Start: 34 @38568 has 1 MA's), (39, 38625), (58, 38706), (59, 38730), (61, 38751), (63, 38763), (65, 38772), (70, 38811), (72, 38814), (75, 38841), (78, 38868), (81, 38880), (85, 38934), (92, 38970), (98, 39021), (105, 39069), (119, 39177), (125, 39216), (133, 39258), (138, 39297), (150, 39393), (151, 39399),

Gene: TeardropMSU_48 Start: 37111, Stop: 37992, Start Num: 26
Candidate Starts for TeardropMSU_48:
(Start: 26 @37111 has 132 MA's), (Start: 28 @37123 has 1 MA's), (Start: 34 @37153 has 1 MA's), (39, 37210), (58, 37291), (59, 37315), (61, 37336), (63, 37348), (65, 37357), (70, 37396), (72, 37399), (75, 37426), (78, 37453), (81, 37465), (85, 37519), (92, 37555), (98, 37606), (105, 37654), (119, 37762), (125, 37801), (133, 37843), (138, 37882), (150, 37978), (151, 37984),

Gene: Teaspoon_53 Start: 38005, Stop: 38886, Start Num: 26
Candidate Starts for Teaspoon_53:
(Start: 26 @38005 has 132 MA's), (Start: 28 @38017 has 1 MA's), (Start: 34 @38047 has 1 MA's), (39, 38104), (58, 38185), (59, 38209), (61, 38230), (63, 38242), (65, 38251), (70, 38290), (72, 38293), (75, 38320), (78, 38347), (81, 38359), (85, 38413), (92, 38449), (98, 38500), (105, 38548), (119, 38656), (125, 38695), (133, 38737), (138, 38776), (150, 38872), (151, 38878),

Gene: Terminus_54 Start: 38602, Stop: 39483, Start Num: 26
Candidate Starts for Terminus_54:
(Start: 26 @38602 has 132 MA's), (Start: 28 @38614 has 1 MA's), (Start: 34 @38644 has 1 MA's), (39, 38701), (58, 38782), (59, 38806), (61, 38827), (63, 38839), (65, 38848), (70, 38887), (72, 38890), (75, 38917), (78, 38944), (81, 38956), (85, 39010), (92, 39046), (98, 39097), (105, 39145), (119, 39253), (125, 39292), (133, 39334), (138, 39373), (150, 39469), (151, 39475),

Gene: ThayneTheZag_36 Start: 24729, Stop: 25649, Start Num: 25
Candidate Starts for ThayneTheZag_36:
(Start: 25 @24729 has 103 MA's), (49, 24903), (51, 24915), (69, 25050), (73, 25062), (74, 25071), (79, 25110), (82, 25155), (86, 25176), (87, 25179), (88, 25185), (93, 25218), (99, 25260), (101, 25269), (118, 25395), (132, 25491), (135, 25515), (137, 25530),

Gene: Thimann_34 Start: 26659, Stop: 27576, Start Num: 25
Candidate Starts for Thimann_34:
(Start: 24 @26653 has 15 MA's), (Start: 25 @26659 has 103 MA's), (53, 26848), (55, 26854), (67, 26956), (72, 26980), (80, 27040), (85, 27097), (87, 27103), (88, 27109), (104, 27223), (105, 27229), (108, 27241), (118, 27316), (121, 27340), (122, 27343), (127, 27379), (128, 27385), (130, 27397), (144, 27499),

Gene: Thimble_54 Start: 37045, Stop: 37926, Start Num: 26
Candidate Starts for Thimble_54:
(Start: 26 @37045 has 132 MA's), (Start: 28 @37057 has 1 MA's), (Start: 34 @37087 has 1 MA's), (39, 37144), (58, 37225), (59, 37249), (61, 37270), (63, 37282), (65, 37291), (70, 37330), (72, 37333), (75, 37360), (78, 37387), (81, 37399), (85, 37453), (92, 37489), (98, 37540), (105, 37588), (119, 37696), (125, 37735), (133, 37777), (138, 37816), (150, 37912), (151, 37918),

Gene: Thresher_55 Start: 38988, Stop: 39869, Start Num: 26
Candidate Starts for Thresher_55:
(Start: 26 @38988 has 132 MA's), (Start: 28 @39000 has 1 MA's), (Start: 34 @39030 has 1 MA's), (39, 39087), (58, 39168), (59, 39192), (61, 39213), (63, 39225), (65, 39234), (70, 39273), (72, 39276), (75, 39303), (78, 39330), (81, 39342), (85, 39396), (92, 39432), (98, 39483), (105, 39531), (119, 39639), (125, 39678), (133, 39720), (138, 39759), (150, 39855), (151, 39861),

Gene: Tiff81_32 Start: 21991, Stop: 22911, Start Num: 25
Candidate Starts for Tiff81_32:
(11, 21862), (Start: 25 @21991 has 103 MA's), (Start: 38 @22105 has 1 MA's), (49, 22165), (51, 22177), (73, 22324), (79, 22372), (82, 22417), (87, 22441), (88, 22447), (102, 22534), (110, 22591), (118, 22657), (122, 22684), (135, 22777), (137, 22792), (149, 22882),

Gene: ToastyOats_38 Start: 26923, Stop: 27843, Start Num: 25
Candidate Starts for ToastyOats_38:
(1, 26617), (3, 26629), (5, 26695), (7, 26767), (11, 26791), (17, 26818), (Start: 25 @26923 has 103 MA's), (44, 27079), (49, 27097), (51, 27109), (57, 27133), (73, 27256), (74, 27265), (79, 27304), (84, 27364), (87, 27373), (88, 27379), (93, 27412), (99, 27454), (102, 27466), (105, 27499), (106, 27505), (108, 27511), (115, 27562), (118, 27589), (132, 27685), (135, 27709), (137, 27724), (139, 27730), (148, 27811), (149, 27814),

Gene: Tomaszewski_48 Start: 36996, Stop: 37865, Start Num: 28
Candidate Starts for Tomaszewski_48:
(Start: 26 @36984 has 132 MA's), (Start: 28 @36996 has 1 MA's), (Start: 34 @37026 has 1 MA's), (39, 37083), (58, 37164), (59, 37188), (61, 37209), (63, 37221), (65, 37230), (70, 37269), (72, 37272), (75, 37299), (78, 37326), (81, 37338), (85, 37392), (92, 37428), (98, 37479), (105, 37527), (119, 37635), (125, 37674), (133, 37716), (138, 37755), (150, 37851), (151, 37857),

Gene: Toodles_36 Start: 26753, Stop: 27673, Start Num: 25
Candidate Starts for Toodles_36:
(1, 26447), (3, 26459), (5, 26525), (7, 26597), (11, 26621), (17, 26648), (Start: 25 @26753 has 103 MA's), (29, 26777), (44, 26909), (49, 26927), (73, 27086), (74, 27095), (79, 27134), (87, 27203), (88, 27209), (93, 27242), (99, 27284), (106, 27335), (132, 27515), (135, 27539), (137, 27554), (148, 27641), (149, 27644), (152, 27656),

Gene: Toto_51 Start: 38365, Stop: 39246, Start Num: 26
Candidate Starts for Toto_51:
(Start: 26 @38365 has 132 MA's), (Start: 28 @38377 has 1 MA's), (Start: 34 @38407 has 1 MA's), (39, 38464), (58, 38545), (59, 38569), (61, 38590), (63, 38602), (65, 38611), (70, 38650), (72, 38653), (75, 38680), (78, 38707), (81, 38719), (85, 38773), (92, 38809), (98, 38860), (105, 38908), (119, 39016), (125, 39055), (133, 39097), (138, 39136), (150, 39232), (151, 39238),

Gene: Traaww1_48 Start: 37546, Stop: 38427, Start Num: 26
Candidate Starts for Traaww1_48:
(Start: 26 @37546 has 132 MA's), (Start: 28 @37558 has 1 MA's), (Start: 34 @37588 has 1 MA's), (39, 37645), (58, 37726), (59, 37750), (61, 37771), (63, 37783), (65, 37792), (70, 37831), (72, 37834), (75, 37861), (78, 37888), (81, 37900), (85, 37954), (92, 37990), (98, 38041), (105, 38089), (119, 38197), (125, 38236), (133, 38278), (138, 38317), (150, 38413), (151, 38419),

Gene: Tuco_53 Start: 38873, Stop: 39754, Start Num: 26
Candidate Starts for Tuco_53:

(Start: 26 @38873 has 132 MA's), (Start: 28 @38885 has 1 MA's), (Start: 34 @38915 has 1 MA's), (39, 38972), (58, 39053), (59, 39077), (61, 39098), (63, 39110), (65, 39119), (70, 39158), (72, 39161), (75, 39188), (78, 39215), (81, 39227), (85, 39281), (92, 39317), (98, 39368), (105, 39416), (119, 39524), (125, 39563), (133, 39605), (138, 39644), (150, 39740), (151, 39746),

Gene: Tuti_32 Start: 28208, Stop: 29125, Start Num: 25
Candidate Starts for Tuti_32:
(Start: 24 @28202 has 15 MA's), (Start: 25 @28208 has 103 MA's), (53, 28397), (55, 28403), (80, 28589), (85, 28646), (87, 28652), (88, 28658), (104, 28772), (105, 28778), (108, 28790), (118, 28865), (121, 28889), (122, 28892), (127, 28928), (128, 28934), (130, 28946), (137, 29003), (144, 29048),

Gene: Twinkle_35 Start: 31824, Stop: 32741, Start Num: 25
Candidate Starts for Twinkle_35:
(Start: 24 @31818 has 15 MA's), (Start: 25 @31824 has 103 MA's), (51, 32004), (53, 32013), (55, 32019), (77, 32190), (80, 32205), (85, 32262), (87, 32268), (88, 32274), (91, 32289), (104, 32388), (105, 32394), (108, 32406), (118, 32481), (121, 32505), (122, 32508), (127, 32544), (128, 32550), (130, 32562), (144, 32664),

Gene: Ukulele_49 Start: 37259, Stop: 38140, Start Num: 26
Candidate Starts for Ukulele_49:
(Start: 26 @37259 has 132 MA's), (Start: 28 @37271 has 1 MA's), (Start: 34 @37301 has 1 MA's), (39, 37358), (58, 37439), (59, 37463), (61, 37484), (63, 37496), (65, 37505), (70, 37544), (72, 37547), (75, 37574), (78, 37601), (81, 37613), (85, 37667), (92, 37703), (98, 37754), (105, 37802), (119, 37910), (125, 37949), (133, 37991), (138, 38030), (150, 38126), (151, 38132),

Gene: Utz_31 Start: 28505, Stop: 29425, Start Num: 25
Candidate Starts for Utz_31:
(Start: 24 @28499 has 15 MA's), (Start: 25 @28505 has 103 MA's), (40, 28622), (41, 28625), (52, 28688), (53, 28694), (55, 28700), (67, 28802), (80, 28886), (84, 28940), (85, 28943), (87, 28949), (91, 28970), (104, 29069), (108, 29087), (118, 29162), (122, 29189), (127, 29225), (137, 29300),

Gene: Vopal_39 Start: 27391, Stop: 28311, Start Num: 25
Candidate Starts for Vopal_39:
(Start: 20 @27349 has 2 MA's), (Start: 25 @27391 has 103 MA's), (44, 27547), (49, 27565), (51, 27577), (73, 27724), (79, 27772), (82, 27817), (84, 27832), (87, 27841), (88, 27847), (91, 27862), (93, 27880), (99, 27922), (101, 27931), (106, 27973), (118, 28057), (122, 28084), (137, 28192), (149, 28282),

Gene: Wiggin_54 Start: 37947, Stop: 38828, Start Num: 26
Candidate Starts for Wiggin_54:
(Start: 26 @37947 has 132 MA's), (Start: 28 @37959 has 1 MA's), (Start: 34 @37989 has 1 MA's), (39, 38046), (58, 38127), (59, 38151), (61, 38172), (63, 38184), (65, 38193), (70, 38232), (72, 38235), (75, 38262), (78, 38289), (81, 38301), (85, 38355), (92, 38391), (98, 38442), (105, 38490), (119, 38598), (125, 38637), (133, 38679), (138, 38718), (150, 38814), (151, 38820),

Gene: Willez_46 Start: 35849, Stop: 36730, Start Num: 26
Candidate Starts for Willez_46:
(Start: 26 @35849 has 132 MA's), (Start: 28 @35861 has 1 MA's), (Start: 34 @35891 has 1 MA's), (39, 35948), (58, 36029), (59, 36053), (61, 36074), (63, 36086), (65, 36095), (70, 36134), (72, 36137), (75, 36164), (78, 36191), (81, 36203), (85, 36257), (92, 36293), (98, 36344), (105, 36392), (119, 36500), (125, 36539), (133, 36581), (138, 36620), (150, 36716), (151, 36722),

Gene: WinkNick_38 Start: 28007, Stop: 28924, Start Num: 25

Candidate Starts for WinkNick_38:
(Start: 24 @28001 has 15 MA's), (Start: 25 @28007 has 103 MA's), (53, 28196), (55, 28202), (67, 28304), (72, 28328), (80, 28388), (85, 28445), (87, 28451), (88, 28457), (104, 28571), (105, 28577), (108, 28589), (118, 28664), (121, 28688), (122, 28691), (127, 28727), (128, 28733), (130, 28745), (144, 28847),

Gene: Xandras_52 Start: 37358, Stop: 38239, Start Num: 26
Candidate Starts for Xandras_52:
(Start: 26 @37358 has 132 MA's), (Start: 28 @37370 has 1 MA's), (Start: 34 @37400 has 1 MA's), (39, 37457), (58, 37538), (59, 37562), (61, 37583), (63, 37595), (65, 37604), (70, 37643), (72, 37646), (75, 37673), (78, 37700), (81, 37712), (85, 37766), (92, 37802), (98, 37853), (105, 37901), (119, 38009), (125, 38048), (133, 38090), (138, 38129), (150, 38225), (151, 38231),

Gene: YassJohnny_48 Start: 37024, Stop: 37905, Start Num: 26
Candidate Starts for YassJohnny_48:
(Start: 26 @37024 has 132 MA's), (Start: 28 @37036 has 1 MA's), (Start: 34 @37066 has 1 MA's), (39, 37123), (58, 37204), (59, 37228), (61, 37249), (63, 37261), (65, 37270), (70, 37309), (72, 37312), (75, 37339), (78, 37366), (81, 37378), (85, 37432), (92, 37468), (98, 37519), (105, 37567), (119, 37675), (125, 37714), (133, 37756), (138, 37795), (150, 37891), (151, 37897),

Gene: Yonex_36 Start: 26903, Stop: 27823, Start Num: 25
Candidate Starts for Yonex_36:
(Start: 20 @26861 has 2 MA's), (Start: 25 @26903 has 103 MA's), (44, 27059), (49, 27077), (51, 27089), (73, 27236), (74, 27245), (79, 27284), (87, 27353), (88, 27359), (93, 27392), (96, 27416), (99, 27434), (102, 27446), (106, 27485), (132, 27665), (135, 27689), (137, 27704), (139, 27710), (148, 27791), (149, 27794),

Gene: YoungHarleezy_36 Start: 24585, Stop: 25502, Start Num: 25
Candidate Starts for YoungHarleezy_36:
(11, 24456), (14, 24462), (Start: 25 @24585 has 103 MA's), (44, 24741), (48, 24756), (51, 24768), (73, 24915), (74, 24924), (79, 24963), (82, 25008), (87, 25032), (88, 25038), (93, 25071), (99, 25113), (101, 25122), (106, 25164), (118, 25248), (135, 25368), (137, 25383),

Gene: Youngblood_54 Start: 38532, Stop: 39413, Start Num: 26
Candidate Starts for Youngblood_54:
(Start: 26 @38532 has 132 MA's), (Start: 28 @38544 has 1 MA's), (Start: 34 @38574 has 1 MA's), (39, 38631), (58, 38712), (59, 38736), (61, 38757), (63, 38769), (65, 38778), (70, 38817), (72, 38820), (75, 38847), (78, 38874), (81, 38886), (85, 38940), (92, 38976), (98, 39027), (105, 39075), (119, 39183), (125, 39222), (133, 39264), (138, 39303), (150, 39399), (151, 39405),

Gene: YungMoney_41 Start: 35216, Stop: 36133, Start Num: 25
Candidate Starts for YungMoney_41:
(Start: 24 @35210 has 15 MA's), (Start: 25 @35216 has 103 MA's), (40, 35333), (41, 35336), (52, 35399), (53, 35405), (55, 35411), (80, 35597), (84, 35651), (85, 35654), (87, 35660), (91, 35681), (104, 35780), (105, 35786), (108, 35798), (118, 35873), (122, 35900), (127, 35936), (132, 35972), (137, 36011), (149, 36104), (153, 36125),

Gene: Zaheer_36 Start: 26991, Stop: 27911, Start Num: 25
Candidate Starts for Zaheer_36:
(Start: 25 @26991 has 103 MA's), (44, 27147), (49, 27165), (51, 27177), (73, 27324), (74, 27333), (79, 27372), (84, 27432), (87, 27441), (88, 27447), (93, 27480), (99, 27522), (102, 27534), (105, 27567), (106, 27573), (108, 27579), (118, 27657), (132, 27753), (139, 27798), (148, 27879), (149, 27882),

Gene: Zucker_29 Start: 23884, Stop: 24804, Start Num: 25
Candidate Starts for Zucker_29:
(Start: 20 @23842 has 2 MA's), (Start: 25 @23884 has 103 MA's), (49, 24058), (51, 24070), (73, 24217), (74, 24226), (79, 24265), (87, 24334), (88, 24340), (89, 24343), (93, 24373), (99, 24415), (118, 24550), (132, 24646), (134, 24658), (135, 24670), (137, 24685), (139, 24691),

Gene: xkcd_56 Start: 38722, Stop: 39603, Start Num: 26
Candidate Starts for xkcd_56:
(Start: 26 @38722 has 132 MA's), (Start: 28 @38734 has 1 MA's), (Start: 34 @38764 has 1 MA's), (39, 38821), (58, 38902), (59, 38926), (61, 38947), (63, 38959), (65, 38968), (70, 39007), (72, 39010), (75, 39037), (78, 39064), (81, 39076), (85, 39130), (92, 39166), (98, 39217), (105, 39265), (119, 39373), (125, 39412), (133, 39454), (138, 39493), (150, 39589), (151, 39595),