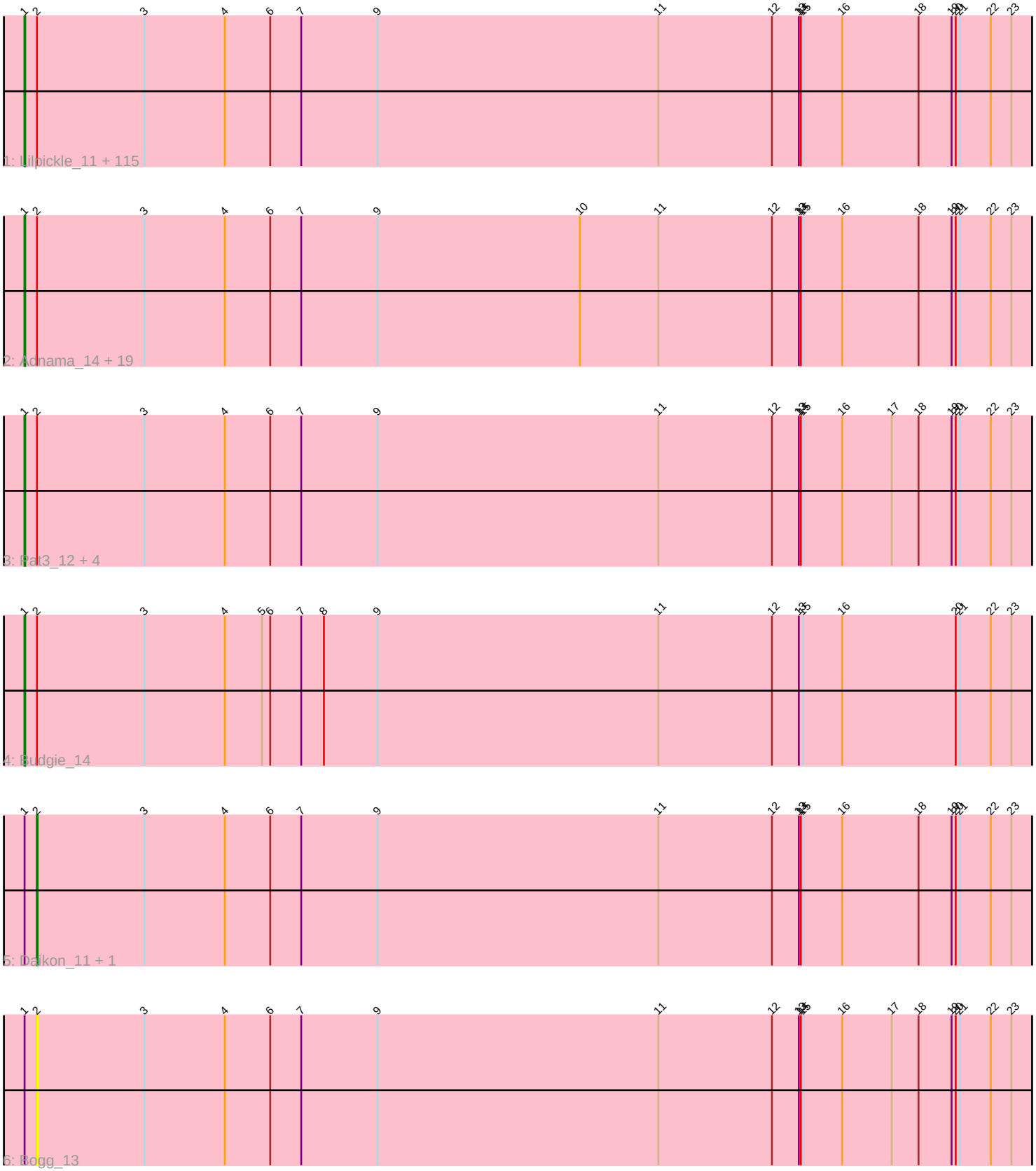
Pham 347358


1: Lilpickle_11 + 115
2: Adnama_14 + 19
3: Rat3_12 + 4
4: Budgie_14
5: Daikon_11 + 1
6: Bogg_13

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 347358 Report

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

Pham number 347358 has 145 members, 11 are drafts.

Phages represented in each track:
• Track 1 : Lilpickle_11, Petra64142_13, DoctorDiddles_13, BigBubba_12, Palpatine_12, Bruin_12, IHOP_12, Thresher_13, GoldenSpark_14, Greep_13, Cookies_13, ChotaBhai_12, Lilizi_14, Hopey_13, MISSy_12, Willez_12, HanKaySha_13, Bask21_12, Quallification_14, Filch_13, FairyPath_13, Terminus_12, Rakim_14, Dusk_12, Bench_14, Balomoji_12, StellaBean_13, Thimble_13, Gator_11, CrystalP_13, 244_13, Stark_13, Maxxinista_13, Tomaszewski_12, Mindy_13, FireRed_12, Hoonter_14, Mosby_12, Cjw1_12, Ukulele_12, Porky_11, BugsBunny_10, MPhalcon_12, Marshmallow_13, TBrady12_14, Icee_12, Harella_11, Misfit_12, Becksu_12, ChosenOne_11, YassJohnny_13, Moldemort_13, ShamWow_13, Sotrice96_13, Rimmer_12, Simpliphy_13, SophKB_13, Teaspoon_12, Buck_12, Pumpkin_13, Czyszczon1_13, Kostya_13, Highbury_13, Cactus_14, Livelaughbron_12, Henry_13, Phaja_12, RiverMonster_12, TeardropMSU_12, ABCat_12, OrionPax_13, Nimrod_12, SirDuracell_12, Youngblood_12, Emmina_12, Elph10_13, BilboSwaggins_13, DrDrey_13, Goldilocks_14, Tuco_13, Holt_14, StolenFromERC_14, Toto_13, Elite2014_11, Contagion_12, Sassay_12, MadamMonkfish_12, Murica_11, Brewer_12, Policronamos_12, Inca_12, Barbarian_12, Asriel_12, Traaww1_11, Phrux_12, PaddyBaddy_13, PhatBacter_12, Myrale_13, Flypotenuse_11, Lilac_14, StormChicken_13, Dumbo_12, JeTaime_14, TeamEdward_13, MollyToe_13, Phaux_11, Ptowny_12, Nala_12, Amao_13, Glexan_11, BadStone_12, NoSleep_13, xkcd_13, HufflyPuff_11, FoghornLeghorn_12, Saints25_13
• Track 2 : Adnama_14, ShereKhan_14, AmericanBeauty_14, Easy2Say_13, Pharsalus_13, Command613_14, Miniwave_13, NelitzaMV_13, Stank_14, Kanye_14, Xandras_14, Argent26_14, GooberAzure_14, Wiggin_14, Paperbeatsrock_14, NonchalantPear_12, Murphy_12, Gemini_14, Tarkin_14, Kimchi_14
• Track 3 : Pat3_12, Manda_12, BaboJay_12, Goku_13, Eureka_12
• Track 4 : Budgie_14
• Track 5 : Daikon_11, Gage_14
• Track 6 : Bogg_13

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

The start number called the most often in the published annotations is 1, it was called in 133 of the 134 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• 244_13, ABCat_12, Adnama_14, Amao_13, AmericanBeauty_14, Argent26_14, Asriel_12, BaboJay_12, BadStone_12, Balomoji_12, Barbarian_12, Bask21_12, Becksu_12, Bench_14, BigBubba_12, BilboSwaggins_13, Brewer_12, Bruin_12, Buck_12, Budgie_14, BugsBunny_10, Cactus_14, ChosenOne_11, ChotaBhai_12, Cjw1_12, Command613_14, Contagion_12, Cookies_13, CrystalP_13, Czyszczon1_13, DoctorDiddles_13, DrDrey_13, Dumbo_12, Dusk_12, Easy2Say_13, Elite2014_11, Elph10_13, Emmina_12, Eureka_12, FairyPath_13, Filch_13, FireRed_12, Flypotenuse_11, FoghornLeghorn_12, Gator_11, Gemini_14, Glexan_11, Goku_13, GoldenSpark_14, Goldilocks_14, GooberAzure_14, Greep_13, HanKaySha_13, Harella_11, Henry_13, Highbury_13, Holt_14, Hoonter_14, Hopey_13, HufflyPuff_11, IHOP_12, Icee_12, Inca_12, JeTaime_14, Kanye_14, Kimchi_14, Kostya_13, Lilac_14, Lilizi_14, Lilpickle_11, Livelaughbron_12, MISSy_12, MPhalcon_12, MadamMonkfish_12, Manda_12, Marshmallow_13, Maxxinista_13, Mindy_13, Miniwave_13, Misfit_12, Moldemort_13, MollyToe_13, Mosby_12, Murica_11, Murphy_12, Myrale_13, Nala_12, NelitzaMV_13, Nimrod_12, NoSleep_13, NonchalantPear_12, OrionPax_13, PaddyBaddy_13, Palpatine_12, Paperbeatsrock_14, Pat3_12, Petra64142_13, Phaja_12, Pharsalus_13, PhatBacter_12, Phaux_11, Phrux_12, Policronamos_12, Porky_11, Ptowny_12, Pumpkin_13, Quallification_14, Rakim_14, Rimmer_12, RiverMonster_12, Saints25_13, Sassay_12, ShamWow_13, ShereKhan_14, Simpliphy_13, SirDuracell_12, SophKB_13, Sotrice96_13, Stank_14, Stark_13, StellaBean_13, StolenFromERC_14, StormChicken_13, TBrady12_14, Tarkin_14, TeamEdward_13, TeardropMSU_12, Teaspoon_12, Terminus_12, Thimble_13, Thresher_13, Tomaszewski_12, Toto_13, Traaww1_11, Tuco_13, Ukulele_12, Wiggin_14, Willez_12, Xandras_14, YassJohnny_13, Youngblood_12, xkcd_13,

Genes that have the "Most Annotated" start but do not call it:
• Bogg_13, Daikon_11, Gage_14,

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

Summary by start number:

Start 1:
• Found in 145 of 145 (100.0%) of genes in pham
• Manual Annotations of this start: 133 of 134
• Called 97.9% of time when present
• Phage (with cluster) where this start called: 244_13 (E), ABCat_12 (E), Adnama_14 (E), Amao_13 (E), AmericanBeauty_14 (E), Argent26_14 (E), Asriel_12 (E), BaboJay_12 (E), BadStone_12 (E), Balomoji_12 (E), Barbarian_12 (E), Bask21_12 (E), Becksu_12 (E), Bench_14 (E), BigBubba_12 (E), BilboSwaggins_13 (E), Brewer_12 (E), Bruin_12 (E), Buck_12 (E), Budgie_14 (E), BugsBunny_10 (E), Cactus_14 (E), ChosenOne_11 (E), ChotaBhai_12 (E), Cjw1_12 (E), Command613_14 (E), Contagion_12 (E), Cookies_13 (E), CrystalP_13 (E), Czyszczon1_13 (E), DoctorDiddles_13 (E), DrDrey_13 (E), Dumbo_12 (E), Dusk_12 (E), Easy2Say_13 (E), Elite2014_11 (E), Elph10_13 (E), Emmina_12 (E), Eureka_12 (E), FairyPath_13 (E), Filch_13 (E), FireRed_12 (E), Flypotenuse_11 (E), FoghornLeghorn_12 (E), Gator_11 (E), Gemini_14 (E), Glexan_11 (E), Goku_13 (E), GoldenSpark_14 (E), Goldilocks_14 (E), GooberAzure_14 (E), Greep_13 (E), HanKaySha_13 (E), Harella_11 (E), Henry_13 (E), Highbury_13 (E), Holt_14 (E),

Hoonter_14 (E), Hopey_13 (E), HufflyPuff_11 (E), IHOP_12 (E), Icee_12 (E), Inca_12 (E), JeTaime_14 (E), Kanye_14 (E), Kimchi_14 (E), Kostya_13 (E), Lilac_14 (E), Lilizi_14 (E), Lilpickle_11 (E), Livelaughbron_12 (E), MISSy_12 (E), MPhalcon_12 (E), MadamMonkfish_12 (E), Manda_12 (E), Marshmallow_13 (E), Maxxinista_13 (E), Mindy_13 (E), Miniwave_13 (E), Misfit_12 (E), Moldemort_13 (E), MollyToe_13 (E), Mosby_12 (E), Murica_11 (E), Murphy_12 (E), Myrale_13 (E), Nala_12 (E), NelitzaMV_13 (E), Nimrod_12 (E), NoSleep_13 (E), NonchalantPear_12 (E), OrionPax_13 (E), PaddyBaddy_13 (E), Palpatine_12 (E), Paperbeatsrock_14 (E), Pat3_12 (E), Petra64142_13 (E), Phaja_12 (E), Pharsalus_13 (E), PhatBacter_12 (E), Phaux_11 (E), Phrux_12 (E), Policronamos_12 (E), Porky_11 (E), Ptowny_12 (E), Pumpkin_13 (E), Quallification_14 (E), Rakim_14 (E), Rimmer_12 (E), RiverMonster_12 (E), Saints25_13 (E), Sassay_12 (E), ShamWow_13 (E), ShereKhan_14 (E), Simpliphy_13 (E), SirDuracell_12 (E), SophKB_13 (E), Sotrice96_13 (E), Stank_14 (E), Stark_13 (E), StellaBean_13 (E), StolenFromERC_14 (E), StormChicken_13 (E), TBrady12_14 (E), Tarkin_14 (E), TeamEdward_13 (E), TeardropMSU_12 (E), Teaspoon_12 (E), Terminus_12 (E), Thimble_13 (E), Thresher_13 (E), Tomaszewski_12 (E), Toto_13 (E), Traaww1_11 (E), Tuco_13 (E), Ukulele_12 (E), Wiggin_14 (E), Willez_12 (E), Xandras_14 (E), YassJohnny_13 (E), Youngblood_12 (E), xkcd_13 (E),

Start 2:
• Found in 145 of 145 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 134
• Called 2.1% of time when present
• Phage (with cluster) where this start called: Bogg_13 (E), Daikon_11 (E), Gage_14 (E),

Summary by clusters:

There is one cluster represented in this pham: E

Info for manual annotations of cluster E:
•Start number 1 was manually annotated 133 times for cluster E.
•Start number 2 was manually annotated 1 time for cluster E.

Gene Information:

Gene: 244_13 Start: 7106, Stop: 8599, Start Num: 1
Candidate Starts for 244_13:
(Start: 1 @7106 has 133 MA's), (Start: 2 @7124 has 1 MA's), (3, 7280), (4, 7397), (6, 7463), (7, 7508), (9, 7619), (11, 8027), (12, 8192), (13, 8231), (14, 8234), (15, 8237), (16, 8294), (18, 8405), (19, 8453), (20, 8459), (21, 8465), (22, 8510), (23, 8540),

Gene: ABCat_12 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for ABCat_12:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Adnama_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for Adnama_14:

(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (10, 8145), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Amao_13 Start: 7132, Stop: 8625, Start Num: 1
Candidate Starts for Amao_13:
(Start: 1 @7132 has 133 MA's), (Start: 2 @7150 has 1 MA's), (3, 7306), (4, 7423), (6, 7489), (7, 7534), (9, 7645), (11, 8053), (12, 8218), (13, 8257), (14, 8260), (15, 8263), (16, 8320), (18, 8431), (19, 8479), (20, 8485), (21, 8491), (22, 8536), (23, 8566),

Gene: AmericanBeauty_14 Start: 7335, Stop: 8828, Start Num: 1
Candidate Starts for AmericanBeauty_14:
(Start: 1 @7335 has 133 MA's), (Start: 2 @7353 has 1 MA's), (3, 7509), (4, 7626), (6, 7692), (7, 7737), (9, 7848), (10, 8142), (11, 8256), (12, 8421), (13, 8460), (14, 8463), (15, 8466), (16, 8523), (18, 8634), (19, 8682), (20, 8688), (21, 8694), (22, 8739), (23, 8769),

Gene: Argent26_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for Argent26_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (10, 8145), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Asriel_12 Start: 6799, Stop: 8292, Start Num: 1
Candidate Starts for Asriel_12:
(Start: 1 @6799 has 133 MA's), (Start: 2 @6817 has 1 MA's), (3, 6973), (4, 7090), (6, 7156), (7, 7201), (9, 7312), (11, 7720), (12, 7885), (13, 7924), (14, 7927), (15, 7930), (16, 7987), (18, 8098), (19, 8146), (20, 8152), (21, 8158), (22, 8203), (23, 8233),

Gene: BaboJay_12 Start: 7458, Stop: 8954, Start Num: 1
Candidate Starts for BaboJay_12:
(Start: 1 @7458 has 133 MA's), (Start: 2 @7476 has 1 MA's), (3, 7632), (4, 7749), (6, 7815), (7, 7860), (9, 7971), (11, 8379), (12, 8544), (13, 8583), (14, 8586), (15, 8589), (16, 8646), (17, 8718), (18, 8757), (19, 8805), (20, 8811), (21, 8817), (22, 8862), (23, 8892),

Gene: BadStone_12 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for BadStone_12:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Balomoji_12 Start: 7661, Stop: 9154, Start Num: 1
Candidate Starts for Balomoji_12:
(Start: 1 @7661 has 133 MA's), (Start: 2 @7679 has 1 MA's), (3, 7835), (4, 7952), (6, 8018), (7, 8063), (9, 8174), (11, 8582), (12, 8747), (13, 8786), (14, 8789), (15, 8792), (16, 8849), (18, 8960), (19, 9008), (20, 9014), (21, 9020), (22, 9065), (23, 9095),

Gene: Barbarian_12 Start: 6799, Stop: 8292, Start Num: 1
Candidate Starts for Barbarian_12:
(Start: 1 @6799 has 133 MA's), (Start: 2 @6817 has 1 MA's), (3, 6973), (4, 7090), (6, 7156), (7, 7201), (9, 7312), (11, 7720), (12, 7885), (13, 7924), (14, 7927), (15, 7930), (16, 7987), (18, 8098), (19, 8146), (20, 8152), (21, 8158), (22, 8203), (23, 8233),

Gene: Bask21_12 Start: 6594, Stop: 8087, Start Num: 1

Candidate Starts for Bask21_12:
(Start: 1 @6594 has 133 MA's), (Start: 2 @6612 has 1 MA's), (3, 6768), (4, 6885), (6, 6951), (7, 6996), (9, 7107), (11, 7515), (12, 7680), (13, 7719), (14, 7722), (15, 7725), (16, 7782), (18, 7893), (19, 7941), (20, 7947), (21, 7953), (22, 7998), (23, 8028),

Gene: Becksu_12 Start: 7525, Stop: 9018, Start Num: 1
Candidate Starts for Becksu_12:
(Start: 1 @7525 has 133 MA's), (Start: 2 @7543 has 1 MA's), (3, 7699), (4, 7816), (6, 7882), (7, 7927), (9, 8038), (11, 8446), (12, 8611), (13, 8650), (14, 8653), (15, 8656), (16, 8713), (18, 8824), (19, 8872), (20, 8878), (21, 8884), (22, 8929), (23, 8959),

Gene: Bench_14 Start: 7211, Stop: 8704, Start Num: 1
Candidate Starts for Bench_14:
(Start: 1 @7211 has 133 MA's), (Start: 2 @7229 has 1 MA's), (3, 7385), (4, 7502), (6, 7568), (7, 7613), (9, 7724), (11, 8132), (12, 8297), (13, 8336), (14, 8339), (15, 8342), (16, 8399), (18, 8510), (19, 8558), (20, 8564), (21, 8570), (22, 8615), (23, 8645),

Gene: BigBubba_12 Start: 6594, Stop: 8087, Start Num: 1
Candidate Starts for BigBubba_12:
(Start: 1 @6594 has 133 MA's), (Start: 2 @6612 has 1 MA's), (3, 6768), (4, 6885), (6, 6951), (7, 6996), (9, 7107), (11, 7515), (12, 7680), (13, 7719), (14, 7722), (15, 7725), (16, 7782), (18, 7893), (19, 7941), (20, 7947), (21, 7953), (22, 7998), (23, 8028),

Gene: BilboSwaggins_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for BilboSwaggins_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Bogg_13 Start: 6826, Stop: 8304, Start Num: 2
Candidate Starts for Bogg_13:
(Start: 1 @6808 has 133 MA's), (Start: 2 @6826 has 1 MA's), (3, 6982), (4, 7099), (6, 7165), (7, 7210), (9, 7321), (11, 7729), (12, 7894), (13, 7933), (14, 7936), (15, 7939), (16, 7996), (17, 8068), (18, 8107), (19, 8155), (20, 8161), (21, 8167), (22, 8212), (23, 8242),

Gene: Brewer_12 Start: 7593, Stop: 9086, Start Num: 1
Candidate Starts for Brewer_12:
(Start: 1 @7593 has 133 MA's), (Start: 2 @7611 has 1 MA's), (3, 7767), (4, 7884), (6, 7950), (7, 7995), (9, 8106), (11, 8514), (12, 8679), (13, 8718), (14, 8721), (15, 8724), (16, 8781), (18, 8892), (19, 8940), (20, 8946), (21, 8952), (22, 8997), (23, 9027),

Gene: Bruin_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Bruin_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Buck_12 Start: 7884, Stop: 9377, Start Num: 1
Candidate Starts for Buck_12:
(Start: 1 @7884 has 133 MA's), (Start: 2 @7902 has 1 MA's), (3, 8058), (4, 8175), (6, 8241), (7, 8286), (9, 8397), (11, 8805), (12, 8970), (13, 9009), (14, 9012), (15, 9015), (16, 9072), (18, 9183), (19, 9231), (20, 9237), (21, 9243), (22, 9288), (23, 9318),

Gene: Budgie_14 Start: 7223, Stop: 8716, Start Num: 1
Candidate Starts for Budgie_14:
(Start: 1 @7223 has 133 MA's), (Start: 2 @7241 has 1 MA's), (3, 7397), (4, 7514), (5, 7568), (6, 7580), (7, 7625), (8, 7658), (9, 7736), (11, 8144), (12, 8309), (13, 8348), (15, 8354), (16, 8411), (20, 8576), (21, 8582), (22, 8627), (23, 8657),

Gene: BugsBunny_10 Start: 7001, Stop: 8494, Start Num: 1
Candidate Starts for BugsBunny_10:
(Start: 1 @7001 has 133 MA's), (Start: 2 @7019 has 1 MA's), (3, 7175), (4, 7292), (6, 7358), (7, 7403), (9, 7514), (11, 7922), (12, 8087), (13, 8126), (14, 8129), (15, 8132), (16, 8189), (18, 8300), (19, 8348), (20, 8354), (21, 8360), (22, 8405), (23, 8435),

Gene: Cactus_14 Start: 7140, Stop: 8633, Start Num: 1
Candidate Starts for Cactus_14:
(Start: 1 @7140 has 133 MA's), (Start: 2 @7158 has 1 MA's), (3, 7314), (4, 7431), (6, 7497), (7, 7542), (9, 7653), (11, 8061), (12, 8226), (13, 8265), (14, 8268), (15, 8271), (16, 8328), (18, 8439), (19, 8487), (20, 8493), (21, 8499), (22, 8544), (23, 8574),

Gene: ChosenOne_11 Start: 6558, Stop: 8051, Start Num: 1
Candidate Starts for ChosenOne_11:
(Start: 1 @6558 has 133 MA's), (Start: 2 @6576 has 1 MA's), (3, 6732), (4, 6849), (6, 6915), (7, 6960), (9, 7071), (11, 7479), (12, 7644), (13, 7683), (14, 7686), (15, 7689), (16, 7746), (18, 7857), (19, 7905), (20, 7911), (21, 7917), (22, 7962), (23, 7992),

Gene: ChotaBhai_12 Start: 6594, Stop: 8087, Start Num: 1
Candidate Starts for ChotaBhai_12:
(Start: 1 @6594 has 133 MA's), (Start: 2 @6612 has 1 MA's), (3, 6768), (4, 6885), (6, 6951), (7, 6996), (9, 7107), (11, 7515), (12, 7680), (13, 7719), (14, 7722), (15, 7725), (16, 7782), (18, 7893), (19, 7941), (20, 7947), (21, 7953), (22, 7998), (23, 8028),

Gene: Cjw1_12 Start: 8108, Stop: 9601, Start Num: 1
Candidate Starts for Cjw1_12:
(Start: 1 @8108 has 133 MA's), (Start: 2 @8126 has 1 MA's), (3, 8282), (4, 8399), (6, 8465), (7, 8510), (9, 8621), (11, 9029), (12, 9194), (13, 9233), (14, 9236), (15, 9239), (16, 9296), (18, 9407), (19, 9455), (20, 9461), (21, 9467), (22, 9512), (23, 9542),

Gene: Command613_14 Start: 8196, Stop: 9689, Start Num: 1
Candidate Starts for Command613_14:
(Start: 1 @8196 has 133 MA's), (Start: 2 @8214 has 1 MA's), (3, 8370), (4, 8487), (6, 8553), (7, 8598), (9, 8709), (10, 9003), (11, 9117), (12, 9282), (13, 9321), (14, 9324), (15, 9327), (16, 9384), (18, 9495), (19, 9543), (20, 9549), (21, 9555), (22, 9600), (23, 9630),

Gene: Contagion_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Contagion_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Cookies_13 Start: 7800, Stop: 9293, Start Num: 1
Candidate Starts for Cookies_13:
(Start: 1 @7800 has 133 MA's), (Start: 2 @7818 has 1 MA's), (3, 7974), (4, 8091), (6, 8157), (7, 8202), (9, 8313), (11, 8721), (12, 8886), (13, 8925), (14, 8928), (15, 8931), (16, 8988), (18, 9099), (19, 9147), (20, 9153), (21, 9159), (22, 9204), (23, 9234),

Gene: CrystalP_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for CrystalP_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Czyszczon1_13 Start: 7093, Stop: 8586, Start Num: 1
Candidate Starts for Czyszczon1_13:
(Start: 1 @7093 has 133 MA's), (Start: 2 @7111 has 1 MA's), (3, 7267), (4, 7384), (6, 7450), (7, 7495), (9, 7606), (11, 8014), (12, 8179), (13, 8218), (14, 8221), (15, 8224), (16, 8281), (18, 8392), (19, 8440), (20, 8446), (21, 8452), (22, 8497), (23, 8527),

Gene: Daikon_11 Start: 7679, Stop: 9154, Start Num: 2
Candidate Starts for Daikon_11:
(Start: 1 @7661 has 133 MA's), (Start: 2 @7679 has 1 MA's), (3, 7835), (4, 7952), (6, 8018), (7, 8063), (9, 8174), (11, 8582), (12, 8747), (13, 8786), (14, 8789), (15, 8792), (16, 8849), (18, 8960), (19, 9008), (20, 9014), (21, 9020), (22, 9065), (23, 9095),

Gene: DoctorDiddles_13 Start: 7093, Stop: 8586, Start Num: 1
Candidate Starts for DoctorDiddles_13:
(Start: 1 @7093 has 133 MA's), (Start: 2 @7111 has 1 MA's), (3, 7267), (4, 7384), (6, 7450), (7, 7495), (9, 7606), (11, 8014), (12, 8179), (13, 8218), (14, 8221), (15, 8224), (16, 8281), (18, 8392), (19, 8440), (20, 8446), (21, 8452), (22, 8497), (23, 8527),

Gene: DrDrey_13 Start: 7834, Stop: 9327, Start Num: 1
Candidate Starts for DrDrey_13:
(Start: 1 @7834 has 133 MA's), (Start: 2 @7852 has 1 MA's), (3, 8008), (4, 8125), (6, 8191), (7, 8236), (9, 8347), (11, 8755), (12, 8920), (13, 8959), (14, 8962), (15, 8965), (16, 9022), (18, 9133), (19, 9181), (20, 9187), (21, 9193), (22, 9238), (23, 9268),

Gene: Dumbo_12 Start: 6815, Stop: 8308, Start Num: 1
Candidate Starts for Dumbo_12:
(Start: 1 @6815 has 133 MA's), (Start: 2 @6833 has 1 MA's), (3, 6989), (4, 7106), (6, 7172), (7, 7217), (9, 7328), (11, 7736), (12, 7901), (13, 7940), (14, 7943), (15, 7946), (16, 8003), (18, 8114), (19, 8162), (20, 8168), (21, 8174), (22, 8219), (23, 8249),

Gene: Dusk_12 Start: 7587, Stop: 9080, Start Num: 1
Candidate Starts for Dusk_12:
(Start: 1 @7587 has 133 MA's), (Start: 2 @7605 has 1 MA's), (3, 7761), (4, 7878), (6, 7944), (7, 7989), (9, 8100), (11, 8508), (12, 8673), (13, 8712), (14, 8715), (15, 8718), (16, 8775), (18, 8886), (19, 8934), (20, 8940), (21, 8946), (22, 8991), (23, 9021),

Gene: Easy2Say_13 Start: 8081, Stop: 9574, Start Num: 1
Candidate Starts for Easy2Say_13:
(Start: 1 @8081 has 133 MA's), (Start: 2 @8099 has 1 MA's), (3, 8255), (4, 8372), (6, 8438), (7, 8483), (9, 8594), (10, 8888), (11, 9002), (12, 9167), (13, 9206), (14, 9209), (15, 9212), (16, 9269), (18, 9380), (19, 9428), (20, 9434), (21, 9440), (22, 9485), (23, 9515),

Gene: Elite2014_11 Start: 6558, Stop: 8051, Start Num: 1
Candidate Starts for Elite2014_11:
(Start: 1 @6558 has 133 MA's), (Start: 2 @6576 has 1 MA's), (3, 6732), (4, 6849), (6, 6915), (7, 6960), (9, 7071), (11, 7479), (12, 7644), (13, 7683), (14, 7686), (15, 7689), (16, 7746), (18, 7857), (19, 7905),

(20, 7911), (21, 7917), (22, 7962), (23, 7992),

Gene: Elph10_13 Start: 6818, Stop: 8311, Start Num: 1
Candidate Starts for Elph10_13:
(Start: 1 @6818 has 133 MA's), (Start: 2 @6836 has 1 MA's), (3, 6992), (4, 7109), (6, 7175), (7, 7220), (9, 7331), (11, 7739), (12, 7904), (13, 7943), (14, 7946), (15, 7949), (16, 8006), (18, 8117), (19, 8165), (20, 8171), (21, 8177), (22, 8222), (23, 8252),

Gene: Emmina_12 Start: 6663, Stop: 8156, Start Num: 1
Candidate Starts for Emmina_12:
(Start: 1 @6663 has 133 MA's), (Start: 2 @6681 has 1 MA's), (3, 6837), (4, 6954), (6, 7020), (7, 7065), (9, 7176), (11, 7584), (12, 7749), (13, 7788), (14, 7791), (15, 7794), (16, 7851), (18, 7962), (19, 8010), (20, 8016), (21, 8022), (22, 8067), (23, 8097),

Gene: Eureka_12 Start: 7631, Stop: 9127, Start Num: 1
Candidate Starts for Eureka_12:
(Start: 1 @7631 has 133 MA's), (Start: 2 @7649 has 1 MA's), (3, 7805), (4, 7922), (6, 7988), (7, 8033), (9, 8144), (11, 8552), (12, 8717), (13, 8756), (14, 8759), (15, 8762), (16, 8819), (17, 8891), (18, 8930), (19, 8978), (20, 8984), (21, 8990), (22, 9035), (23, 9065),

Gene: FairyPath_13 Start: 8125, Stop: 9618, Start Num: 1
Candidate Starts for FairyPath_13:
(Start: 1 @8125 has 133 MA's), (Start: 2 @8143 has 1 MA's), (3, 8299), (4, 8416), (6, 8482), (7, 8527), (9, 8638), (11, 9046), (12, 9211), (13, 9250), (14, 9253), (15, 9256), (16, 9313), (18, 9424), (19, 9472), (20, 9478), (21, 9484), (22, 9529), (23, 9559),

Gene: Filch_13 Start: 7103, Stop: 8596, Start Num: 1
Candidate Starts for Filch_13:
(Start: 1 @7103 has 133 MA's), (Start: 2 @7121 has 1 MA's), (3, 7277), (4, 7394), (6, 7460), (7, 7505), (9, 7616), (11, 8024), (12, 8189), (13, 8228), (14, 8231), (15, 8234), (16, 8291), (18, 8402), (19, 8450), (20, 8456), (21, 8462), (22, 8507), (23, 8537),

Gene: FireRed_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for FireRed_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Flypotenuse_11 Start: 7543, Stop: 9036, Start Num: 1
Candidate Starts for Flypotenuse_11:
(Start: 1 @7543 has 133 MA's), (Start: 2 @7561 has 1 MA's), (3, 7717), (4, 7834), (6, 7900), (7, 7945), (9, 8056), (11, 8464), (12, 8629), (13, 8668), (14, 8671), (15, 8674), (16, 8731), (18, 8842), (19, 8890), (20, 8896), (21, 8902), (22, 8947), (23, 8977),

Gene: FoghornLeghorn_12 Start: 7432, Stop: 8925, Start Num: 1
Candidate Starts for FoghornLeghorn_12:
(Start: 1 @7432 has 133 MA's), (Start: 2 @7450 has 1 MA's), (3, 7606), (4, 7723), (6, 7789), (7, 7834), (9, 7945), (11, 8353), (12, 8518), (13, 8557), (14, 8560), (15, 8563), (16, 8620), (18, 8731), (19, 8779), (20, 8785), (21, 8791), (22, 8836), (23, 8866),

Gene: Gage_14 Start: 7356, Stop: 8831, Start Num: 2
Candidate Starts for Gage_14:

(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Gator_11 Start: 7543, Stop: 9036, Start Num: 1
Candidate Starts for Gator_11:
(Start: 1 @7543 has 133 MA's), (Start: 2 @7561 has 1 MA's), (3, 7717), (4, 7834), (6, 7900), (7, 7945), (9, 8056), (11, 8464), (12, 8629), (13, 8668), (14, 8671), (15, 8674), (16, 8731), (18, 8842), (19, 8890), (20, 8896), (21, 8902), (22, 8947), (23, 8977),

Gene: Gemini_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for Gemini_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (10, 8145), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Glexan_11 Start: 7543, Stop: 9036, Start Num: 1
Candidate Starts for Glexan_11:
(Start: 1 @7543 has 133 MA's), (Start: 2 @7561 has 1 MA's), (3, 7717), (4, 7834), (6, 7900), (7, 7945), (9, 8056), (11, 8464), (12, 8629), (13, 8668), (14, 8671), (15, 8674), (16, 8731), (18, 8842), (19, 8890), (20, 8896), (21, 8902), (22, 8947), (23, 8977),

Gene: Goku_13 Start: 7631, Stop: 9127, Start Num: 1
Candidate Starts for Goku_13:
(Start: 1 @7631 has 133 MA's), (Start: 2 @7649 has 1 MA's), (3, 7805), (4, 7922), (6, 7988), (7, 8033), (9, 8144), (11, 8552), (12, 8717), (13, 8756), (14, 8759), (15, 8762), (16, 8819), (17, 8891), (18, 8930), (19, 8978), (20, 8984), (21, 8990), (22, 9035), (23, 9065),

Gene: GoldenSpark_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for GoldenSpark_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Goldilocks_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for Goldilocks_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: GooberAzure_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for GooberAzure_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (10, 8145), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Greep_13 Start: 7668, Stop: 9161, Start Num: 1
Candidate Starts for Greep_13:
(Start: 1 @7668 has 133 MA's), (Start: 2 @7686 has 1 MA's), (3, 7842), (4, 7959), (6, 8025), (7, 8070), (9, 8181), (11, 8589), (12, 8754), (13, 8793), (14, 8796), (15, 8799), (16, 8856), (18, 8967), (19, 9015), (20, 9021), (21, 9027), (22, 9072), (23, 9102),

Gene: HanKaySha_13 Start: 7093, Stop: 8586, Start Num: 1

Candidate Starts for HanKaySha_13:
(Start: 1 @7093 has 133 MA's), (Start: 2 @7111 has 1 MA's), (3, 7267), (4, 7384), (6, 7450), (7, 7495), (9, 7606), (11, 8014), (12, 8179), (13, 8218), (14, 8221), (15, 8224), (16, 8281), (18, 8392), (19, 8440), (20, 8446), (21, 8452), (22, 8497), (23, 8527),

Gene: Harella_11 Start: 7543, Stop: 9036, Start Num: 1
Candidate Starts for Harella_11:
(Start: 1 @7543 has 133 MA's), (Start: 2 @7561 has 1 MA's), (3, 7717), (4, 7834), (6, 7900), (7, 7945), (9, 8056), (11, 8464), (12, 8629), (13, 8668), (14, 8671), (15, 8674), (16, 8731), (18, 8842), (19, 8890), (20, 8896), (21, 8902), (22, 8947), (23, 8977),

Gene: Henry_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for Henry_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Highbury_13 Start: 7012, Stop: 8505, Start Num: 1
Candidate Starts for Highbury_13:
(Start: 1 @7012 has 133 MA's), (Start: 2 @7030 has 1 MA's), (3, 7186), (4, 7303), (6, 7369), (7, 7414), (9, 7525), (11, 7933), (12, 8098), (13, 8137), (14, 8140), (15, 8143), (16, 8200), (18, 8311), (19, 8359), (20, 8365), (21, 8371), (22, 8416), (23, 8446),

Gene: Holt_14 Start: 7211, Stop: 8704, Start Num: 1
Candidate Starts for Holt_14:
(Start: 1 @7211 has 133 MA's), (Start: 2 @7229 has 1 MA's), (3, 7385), (4, 7502), (6, 7568), (7, 7613), (9, 7724), (11, 8132), (12, 8297), (13, 8336), (14, 8339), (15, 8342), (16, 8399), (18, 8510), (19, 8558), (20, 8564), (21, 8570), (22, 8615), (23, 8645),

Gene: Hoonter_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for Hoonter_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Hopey_13 Start: 7103, Stop: 8596, Start Num: 1
Candidate Starts for Hopey_13:
(Start: 1 @7103 has 133 MA's), (Start: 2 @7121 has 1 MA's), (3, 7277), (4, 7394), (6, 7460), (7, 7505), (9, 7616), (11, 8024), (12, 8189), (13, 8228), (14, 8231), (15, 8234), (16, 8291), (18, 8402), (19, 8450), (20, 8456), (21, 8462), (22, 8507), (23, 8537),

Gene: HufflyPuff_11 Start: 7391, Stop: 8884, Start Num: 1
Candidate Starts for HufflyPuff_11:
(Start: 1 @7391 has 133 MA's), (Start: 2 @7409 has 1 MA's), (3, 7565), (4, 7682), (6, 7748), (7, 7793), (9, 7904), (11, 8312), (12, 8477), (13, 8516), (14, 8519), (15, 8522), (16, 8579), (18, 8690), (19, 8738), (20, 8744), (21, 8750), (22, 8795), (23, 8825),

Gene: IHOP_12 Start: 7587, Stop: 9080, Start Num: 1
Candidate Starts for IHOP_12:
(Start: 1 @7587 has 133 MA's), (Start: 2 @7605 has 1 MA's), (3, 7761), (4, 7878), (6, 7944), (7, 7989), (9, 8100), (11, 8508), (12, 8673), (13, 8712), (14, 8715), (15, 8718), (16, 8775), (18, 8886), (19, 8934), (20, 8940), (21, 8946), (22, 8991), (23, 9021),

Gene: Icee_12 Start: 7587, Stop: 9080, Start Num: 1
Candidate Starts for Icee_12:
(Start: 1 @7587 has 133 MA's), (Start: 2 @7605 has 1 MA's), (3, 7761), (4, 7878), (6, 7944), (7, 7989), (9, 8100), (11, 8508), (12, 8673), (13, 8712), (14, 8715), (15, 8718), (16, 8775), (18, 8886), (19, 8934), (20, 8940), (21, 8946), (22, 8991), (23, 9021),

Gene: Inca_12 Start: 6607, Stop: 8100, Start Num: 1
Candidate Starts for Inca_12:
(Start: 1 @6607 has 133 MA's), (Start: 2 @6625 has 1 MA's), (3, 6781), (4, 6898), (6, 6964), (7, 7009), (9, 7120), (11, 7528), (12, 7693), (13, 7732), (14, 7735), (15, 7738), (16, 7795), (18, 7906), (19, 7954), (20, 7960), (21, 7966), (22, 8011), (23, 8041),

Gene: JeTaime_14 Start: 8143, Stop: 9636, Start Num: 1
Candidate Starts for JeTaime_14:
(Start: 1 @8143 has 133 MA's), (Start: 2 @8161 has 1 MA's), (3, 8317), (4, 8434), (6, 8500), (7, 8545), (9, 8656), (11, 9064), (12, 9229), (13, 9268), (14, 9271), (15, 9274), (16, 9331), (18, 9442), (19, 9490), (20, 9496), (21, 9502), (22, 9547), (23, 9577),

Gene: Kanye_14 Start: 8331, Stop: 9824, Start Num: 1
Candidate Starts for Kanye_14:
(Start: 1 @8331 has 133 MA's), (Start: 2 @8349 has 1 MA's), (3, 8505), (4, 8622), (6, 8688), (7, 8733), (9, 8844), (10, 9138), (11, 9252), (12, 9417), (13, 9456), (14, 9459), (15, 9462), (16, 9519), (18, 9630), (19, 9678), (20, 9684), (21, 9690), (22, 9735), (23, 9765),

Gene: Kimchi_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for Kimchi_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (10, 8145), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Kostya_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for Kostya_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Lilac_14 Start: 6839, Stop: 8332, Start Num: 1
Candidate Starts for Lilac_14:
(Start: 1 @6839 has 133 MA's), (Start: 2 @6857 has 1 MA's), (3, 7013), (4, 7130), (6, 7196), (7, 7241), (9, 7352), (11, 7760), (12, 7925), (13, 7964), (14, 7967), (15, 7970), (16, 8027), (18, 8138), (19, 8186), (20, 8192), (21, 8198), (22, 8243), (23, 8273),

Gene: Lilizi_14 Start: 7050, Stop: 8543, Start Num: 1
Candidate Starts for Lilizi_14:
(Start: 1 @7050 has 133 MA's), (Start: 2 @7068 has 1 MA's), (3, 7224), (4, 7341), (6, 7407), (7, 7452), (9, 7563), (11, 7971), (12, 8136), (13, 8175), (14, 8178), (15, 8181), (16, 8238), (18, 8349), (19, 8397), (20, 8403), (21, 8409), (22, 8454), (23, 8484),

Gene: Lilpickle_11 Start: 6558, Stop: 8051, Start Num: 1
Candidate Starts for Lilpickle_11:
(Start: 1 @6558 has 133 MA's), (Start: 2 @6576 has 1 MA's), (3, 6732), (4, 6849), (6, 6915), (7, 6960), (9, 7071), (11, 7479), (12, 7644), (13, 7683), (14, 7686), (15, 7689), (16, 7746), (18, 7857), (19, 7905), (20, 7911), (21, 7917), (22, 7962), (23, 7992),

Gene: Livelaughbron_12 Start: 7525, Stop: 9018, Start Num: 1
Candidate Starts for Livelaughbron_12:
(Start: 1 @7525 has 133 MA's), (Start: 2 @7543 has 1 MA's), (3, 7699), (4, 7816), (6, 7882), (7, 7927), (9, 8038), (11, 8446), (12, 8611), (13, 8650), (14, 8653), (15, 8656), (16, 8713), (18, 8824), (19, 8872), (20, 8878), (21, 8884), (22, 8929), (23, 8959),

Gene: MISSy_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for MISSy_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: MPhalcon_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for MPhalcon_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: MadamMonkfish_12 Start: 6769, Stop: 8262, Start Num: 1
Candidate Starts for MadamMonkfish_12:
(Start: 1 @6769 has 133 MA's), (Start: 2 @6787 has 1 MA's), (3, 6943), (4, 7060), (6, 7126), (7, 7171), (9, 7282), (11, 7690), (12, 7855), (13, 7894), (14, 7897), (15, 7900), (16, 7957), (18, 8068), (19, 8116), (20, 8122), (21, 8128), (22, 8173), (23, 8203),

Gene: Manda_12 Start: 7621, Stop: 9117, Start Num: 1
Candidate Starts for Manda_12:
(Start: 1 @7621 has 133 MA's), (Start: 2 @7639 has 1 MA's), (3, 7795), (4, 7912), (6, 7978), (7, 8023), (9, 8134), (11, 8542), (12, 8707), (13, 8746), (14, 8749), (15, 8752), (16, 8809), (17, 8881), (18, 8920), (19, 8968), (20, 8974), (21, 8980), (22, 9025), (23, 9055),

Gene: Marshmallow_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for Marshmallow_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Maxxinista_13 Start: 6818, Stop: 8311, Start Num: 1
Candidate Starts for Maxxinista_13:
(Start: 1 @6818 has 133 MA's), (Start: 2 @6836 has 1 MA's), (3, 6992), (4, 7109), (6, 7175), (7, 7220), (9, 7331), (11, 7739), (12, 7904), (13, 7943), (14, 7946), (15, 7949), (16, 8006), (18, 8117), (19, 8165), (20, 8171), (21, 8177), (22, 8222), (23, 8252),

Gene: Mindy_13 Start: 7705, Stop: 9198, Start Num: 1
Candidate Starts for Mindy_13:
(Start: 1 @7705 has 133 MA's), (Start: 2 @7723 has 1 MA's), (3, 7879), (4, 7996), (6, 8062), (7, 8107), (9, 8218), (11, 8626), (12, 8791), (13, 8830), (14, 8833), (15, 8836), (16, 8893), (18, 9004), (19, 9052), (20, 9058), (21, 9064), (22, 9109), (23, 9139),

Gene: Miniwave_13 Start: 8125, Stop: 9618, Start Num: 1
Candidate Starts for Miniwave_13:
(Start: 1 @8125 has 133 MA's), (Start: 2 @8143 has 1 MA's), (3, 8299), (4, 8416), (6, 8482), (7, 8527), (9, 8638), (10, 8932), (11, 9046), (12, 9211), (13, 9250), (14, 9253), (15, 9256), (16, 9313), (18, 9424),

(19, 9472), (20, 9478), (21, 9484), (22, 9529), (23, 9559),

Gene: Misfit_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Misfit_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Moldemort_13 Start: 7093, Stop: 8586, Start Num: 1
Candidate Starts for Moldemort_13:
(Start: 1 @7093 has 133 MA's), (Start: 2 @7111 has 1 MA's), (3, 7267), (4, 7384), (6, 7450), (7, 7495), (9, 7606), (11, 8014), (12, 8179), (13, 8218), (14, 8221), (15, 8224), (16, 8281), (18, 8392), (19, 8440), (20, 8446), (21, 8452), (22, 8497), (23, 8527),

Gene: MollyToe_13 Start: 8097, Stop: 9590, Start Num: 1
Candidate Starts for MollyToe_13:
(Start: 1 @8097 has 133 MA's), (Start: 2 @8115 has 1 MA's), (3, 8271), (4, 8388), (6, 8454), (7, 8499), (9, 8610), (11, 9018), (12, 9183), (13, 9222), (14, 9225), (15, 9228), (16, 9285), (18, 9396), (19, 9444), (20, 9450), (21, 9456), (22, 9501), (23, 9531),

Gene: Mosby_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Mosby_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Murica_11 Start: 7391, Stop: 8884, Start Num: 1
Candidate Starts for Murica_11:
(Start: 1 @7391 has 133 MA's), (Start: 2 @7409 has 1 MA's), (3, 7565), (4, 7682), (6, 7748), (7, 7793), (9, 7904), (11, 8312), (12, 8477), (13, 8516), (14, 8519), (15, 8522), (16, 8579), (18, 8690), (19, 8738), (20, 8744), (21, 8750), (22, 8795), (23, 8825),

Gene: Murphy_12 Start: 6810, Stop: 8303, Start Num: 1
Candidate Starts for Murphy_12:
(Start: 1 @6810 has 133 MA's), (Start: 2 @6828 has 1 MA's), (3, 6984), (4, 7101), (6, 7167), (7, 7212), (9, 7323), (10, 7617), (11, 7731), (12, 7896), (13, 7935), (14, 7938), (15, 7941), (16, 7998), (18, 8109), (19, 8157), (20, 8163), (21, 8169), (22, 8214), (23, 8244),

Gene: Myrale_13 Start: 7798, Stop: 9291, Start Num: 1
Candidate Starts for Myrale_13:
(Start: 1 @7798 has 133 MA's), (Start: 2 @7816 has 1 MA's), (3, 7972), (4, 8089), (6, 8155), (7, 8200), (9, 8311), (11, 8719), (12, 8884), (13, 8923), (14, 8926), (15, 8929), (16, 8986), (18, 9097), (19, 9145), (20, 9151), (21, 9157), (22, 9202), (23, 9232),

Gene: Nala_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Nala_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: NelitzaMV_13 Start: 7996, Stop: 9489, Start Num: 1
Candidate Starts for NelitzaMV_13:

(Start: 1 @7996 has 133 MA's), (Start: 2 @8014 has 1 MA's), (3, 8170), (4, 8287), (6, 8353), (7, 8398), (9, 8509), (10, 8803), (11, 8917), (12, 9082), (13, 9121), (14, 9124), (15, 9127), (16, 9184), (18, 9295), (19, 9343), (20, 9349), (21, 9355), (22, 9400), (23, 9430),

Gene: Nimrod_12 Start: 7590, Stop: 9083, Start Num: 1
Candidate Starts for Nimrod_12:
(Start: 1 @7590 has 133 MA's), (Start: 2 @7608 has 1 MA's), (3, 7764), (4, 7881), (6, 7947), (7, 7992), (9, 8103), (11, 8511), (12, 8676), (13, 8715), (14, 8718), (15, 8721), (16, 8778), (18, 8889), (19, 8937), (20, 8943), (21, 8949), (22, 8994), (23, 9024),

Gene: NoSleep_13 Start: 7090, Stop: 8583, Start Num: 1
Candidate Starts for NoSleep_13:
(Start: 1 @7090 has 133 MA's), (Start: 2 @7108 has 1 MA's), (3, 7264), (4, 7381), (6, 7447), (7, 7492), (9, 7603), (11, 8011), (12, 8176), (13, 8215), (14, 8218), (15, 8221), (16, 8278), (18, 8389), (19, 8437), (20, 8443), (21, 8449), (22, 8494), (23, 8524),

Gene: NonchalantPear_12 Start: 7043, Stop: 8536, Start Num: 1
Candidate Starts for NonchalantPear_12:
(Start: 1 @7043 has 133 MA's), (Start: 2 @7061 has 1 MA's), (3, 7217), (4, 7334), (6, 7400), (7, 7445), (9, 7556), (10, 7850), (11, 7964), (12, 8129), (13, 8168), (14, 8171), (15, 8174), (16, 8231), (18, 8342), (19, 8390), (20, 8396), (21, 8402), (22, 8447), (23, 8477),

Gene: OrionPax_13 Start: 7093, Stop: 8586, Start Num: 1
Candidate Starts for OrionPax_13:
(Start: 1 @7093 has 133 MA's), (Start: 2 @7111 has 1 MA's), (3, 7267), (4, 7384), (6, 7450), (7, 7495), (9, 7606), (11, 8014), (12, 8179), (13, 8218), (14, 8221), (15, 8224), (16, 8281), (18, 8392), (19, 8440), (20, 8446), (21, 8452), (22, 8497), (23, 8527),

Gene: PaddyBaddy_13 Start: 7103, Stop: 8596, Start Num: 1
Candidate Starts for PaddyBaddy_13:
(Start: 1 @7103 has 133 MA's), (Start: 2 @7121 has 1 MA's), (3, 7277), (4, 7394), (6, 7460), (7, 7505), (9, 7616), (11, 8024), (12, 8189), (13, 8228), (14, 8231), (15, 8234), (16, 8291), (18, 8402), (19, 8450), (20, 8456), (21, 8462), (22, 8507), (23, 8537),

Gene: Palpatine_12 Start: 7432, Stop: 8925, Start Num: 1
Candidate Starts for Palpatine_12:
(Start: 1 @7432 has 133 MA's), (Start: 2 @7450 has 1 MA's), (3, 7606), (4, 7723), (6, 7789), (7, 7834), (9, 7945), (11, 8353), (12, 8518), (13, 8557), (14, 8560), (15, 8563), (16, 8620), (18, 8731), (19, 8779), (20, 8785), (21, 8791), (22, 8836), (23, 8866),

Gene: Paperbeatsrock_14 Start: 8325, Stop: 9818, Start Num: 1
Candidate Starts for Paperbeatsrock_14:
(Start: 1 @8325 has 133 MA's), (Start: 2 @8343 has 1 MA's), (3, 8499), (4, 8616), (6, 8682), (7, 8727), (9, 8838), (10, 9132), (11, 9246), (12, 9411), (13, 9450), (14, 9453), (15, 9456), (16, 9513), (18, 9624), (19, 9672), (20, 9678), (21, 9684), (22, 9729), (23, 9759),

Gene: Pat3_12 Start: 6634, Stop: 8130, Start Num: 1
Candidate Starts for Pat3_12:
(Start: 1 @6634 has 133 MA's), (Start: 2 @6652 has 1 MA's), (3, 6808), (4, 6925), (6, 6991), (7, 7036), (9, 7147), (11, 7555), (12, 7720), (13, 7759), (14, 7762), (15, 7765), (16, 7822), (17, 7894), (18, 7933), (19, 7981), (20, 7987), (21, 7993), (22, 8038), (23, 8068),

Gene: Petra64142_13 Start: 7806, Stop: 9299, Start Num: 1

Candidate Starts for Petra64142_13:
(Start: 1 @7806 has 133 MA's), (Start: 2 @7824 has 1 MA's), (3, 7980), (4, 8097), (6, 8163), (7, 8208), (9, 8319), (11, 8727), (12, 8892), (13, 8931), (14, 8934), (15, 8937), (16, 8994), (18, 9105), (19, 9153), (20, 9159), (21, 9165), (22, 9210), (23, 9240),

Gene: Phaja_12 Start: 7587, Stop: 9080, Start Num: 1
Candidate Starts for Phaja_12:
(Start: 1 @7587 has 133 MA's), (Start: 2 @7605 has 1 MA's), (3, 7761), (4, 7878), (6, 7944), (7, 7989), (9, 8100), (11, 8508), (12, 8673), (13, 8712), (14, 8715), (15, 8718), (16, 8775), (18, 8886), (19, 8934), (20, 8940), (21, 8946), (22, 8991), (23, 9021),

Gene: Pharsalus_13 Start: 8125, Stop: 9618, Start Num: 1
Candidate Starts for Pharsalus_13:
(Start: 1 @8125 has 133 MA's), (Start: 2 @8143 has 1 MA's), (3, 8299), (4, 8416), (6, 8482), (7, 8527), (9, 8638), (10, 8932), (11, 9046), (12, 9211), (13, 9250), (14, 9253), (15, 9256), (16, 9313), (18, 9424), (19, 9472), (20, 9478), (21, 9484), (22, 9529), (23, 9559),

Gene: PhatBacter_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for PhatBacter_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Phaux_11 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Phaux_11:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Phrux_12 Start: 7089, Stop: 8582, Start Num: 1
Candidate Starts for Phrux_12:
(Start: 1 @7089 has 133 MA's), (Start: 2 @7107 has 1 MA's), (3, 7263), (4, 7380), (6, 7446), (7, 7491), (9, 7602), (11, 8010), (12, 8175), (13, 8214), (14, 8217), (15, 8220), (16, 8277), (18, 8388), (19, 8436), (20, 8442), (21, 8448), (22, 8493), (23, 8523),

Gene: Policronamos_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Policronamos_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Porky_11 Start: 6663, Stop: 8156, Start Num: 1
Candidate Starts for Porky_11:
(Start: 1 @6663 has 133 MA's), (Start: 2 @6681 has 1 MA's), (3, 6837), (4, 6954), (6, 7020), (7, 7065), (9, 7176), (11, 7584), (12, 7749), (13, 7788), (14, 7791), (15, 7794), (16, 7851), (18, 7962), (19, 8010), (20, 8016), (21, 8022), (22, 8067), (23, 8097),

Gene: Ptowny_12 Start: 6730, Stop: 8223, Start Num: 1
Candidate Starts for Ptowny_12:
(Start: 1 @6730 has 133 MA's), (Start: 2 @6748 has 1 MA's), (3, 6904), (4, 7021), (6, 7087), (7, 7132), (9, 7243), (11, 7651), (12, 7816), (13, 7855), (14, 7858), (15, 7861), (16, 7918), (18, 8029), (19, 8077), (20, 8083), (21, 8089), (22, 8134), (23, 8164),

Gene: Pumpkin_13 Start: 6906, Stop: 8399, Start Num: 1
Candidate Starts for Pumpkin_13:
(Start: 1 @6906 has 133 MA's), (Start: 2 @6924 has 1 MA's), (3, 7080), (4, 7197), (6, 7263), (7, 7308), (9, 7419), (11, 7827), (12, 7992), (13, 8031), (14, 8034), (15, 8037), (16, 8094), (18, 8205), (19, 8253), (20, 8259), (21, 8265), (22, 8310), (23, 8340),

Gene: Quallification_14 Start: 8133, Stop: 9626, Start Num: 1
Candidate Starts for Quallification_14:
(Start: 1 @8133 has 133 MA's), (Start: 2 @8151 has 1 MA's), (3, 8307), (4, 8424), (6, 8490), (7, 8535), (9, 8646), (11, 9054), (12, 9219), (13, 9258), (14, 9261), (15, 9264), (16, 9321), (18, 9432), (19, 9480), (20, 9486), (21, 9492), (22, 9537), (23, 9567),

Gene: Rakim_14 Start: 8040, Stop: 9533, Start Num: 1
Candidate Starts for Rakim_14:
(Start: 1 @8040 has 133 MA's), (Start: 2 @8058 has 1 MA's), (3, 8214), (4, 8331), (6, 8397), (7, 8442), (9, 8553), (11, 8961), (12, 9126), (13, 9165), (14, 9168), (15, 9171), (16, 9228), (18, 9339), (19, 9387), (20, 9393), (21, 9399), (22, 9444), (23, 9474),

Gene: Rimmer_12 Start: 7494, Stop: 8987, Start Num: 1
Candidate Starts for Rimmer_12:
(Start: 1 @7494 has 133 MA's), (Start: 2 @7512 has 1 MA's), (3, 7668), (4, 7785), (6, 7851), (7, 7896), (9, 8007), (11, 8415), (12, 8580), (13, 8619), (14, 8622), (15, 8625), (16, 8682), (18, 8793), (19, 8841), (20, 8847), (21, 8853), (22, 8898), (23, 8928),

Gene: RiverMonster_12 Start: 7103, Stop: 8596, Start Num: 1
Candidate Starts for RiverMonster_12:
(Start: 1 @7103 has 133 MA's), (Start: 2 @7121 has 1 MA's), (3, 7277), (4, 7394), (6, 7460), (7, 7505), (9, 7616), (11, 8024), (12, 8189), (13, 8228), (14, 8231), (15, 8234), (16, 8291), (18, 8402), (19, 8450), (20, 8456), (21, 8462), (22, 8507), (23, 8537),

Gene: Saints25_13 Start: 7012, Stop: 8505, Start Num: 1
Candidate Starts for Saints25_13:
(Start: 1 @7012 has 133 MA's), (Start: 2 @7030 has 1 MA's), (3, 7186), (4, 7303), (6, 7369), (7, 7414), (9, 7525), (11, 7933), (12, 8098), (13, 8137), (14, 8140), (15, 8143), (16, 8200), (18, 8311), (19, 8359), (20, 8365), (21, 8371), (22, 8416), (23, 8446),

Gene: Sassay_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Sassay_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: ShamWow_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for ShamWow_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: ShereKhan_14 Start: 8331, Stop: 9824, Start Num: 1
Candidate Starts for ShereKhan_14:
(Start: 1 @8331 has 133 MA's), (Start: 2 @8349 has 1 MA's), (3, 8505), (4, 8622), (6, 8688), (7, 8733), (9, 8844), (10, 9138), (11, 9252), (12, 9417), (13, 9456), (14, 9459), (15, 9462), (16, 9519), (18, 9630), (19, 9678), (20, 9684), (21, 9690), (22, 9735), (23, 9765),

Gene: Simpliphy_13 Start: 7093, Stop: 8586, Start Num: 1
Candidate Starts for Simpliphy_13:
(Start: 1 @7093 has 133 MA's), (Start: 2 @7111 has 1 MA's), (3, 7267), (4, 7384), (6, 7450), (7, 7495), (9, 7606), (11, 8014), (12, 8179), (13, 8218), (14, 8221), (15, 8224), (16, 8281), (18, 8392), (19, 8440), (20, 8446), (21, 8452), (22, 8497), (23, 8527),

Gene: SirDuracell_12 Start: 6594, Stop: 8087, Start Num: 1
Candidate Starts for SirDuracell_12:
(Start: 1 @6594 has 133 MA's), (Start: 2 @6612 has 1 MA's), (3, 6768), (4, 6885), (6, 6951), (7, 6996), (9, 7107), (11, 7515), (12, 7680), (13, 7719), (14, 7722), (15, 7725), (16, 7782), (18, 7893), (19, 7941), (20, 7947), (21, 7953), (22, 7998), (23, 8028),

Gene: SophKB_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for SophKB_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Sotrice96_13 Start: 7883, Stop: 9376, Start Num: 1
Candidate Starts for Sotrice96_13:
(Start: 1 @7883 has 133 MA's), (Start: 2 @7901 has 1 MA's), (3, 8057), (4, 8174), (6, 8240), (7, 8285), (9, 8396), (11, 8804), (12, 8969), (13, 9008), (14, 9011), (15, 9014), (16, 9071), (18, 9182), (19, 9230), (20, 9236), (21, 9242), (22, 9287), (23, 9317),

Gene: Stank_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for Stank_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (10, 8145), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Stark_13 Start: 7106, Stop: 8599, Start Num: 1
Candidate Starts for Stark_13:
(Start: 1 @7106 has 133 MA's), (Start: 2 @7124 has 1 MA's), (3, 7280), (4, 7397), (6, 7463), (7, 7508), (9, 7619), (11, 8027), (12, 8192), (13, 8231), (14, 8234), (15, 8237), (16, 8294), (18, 8405), (19, 8453), (20, 8459), (21, 8465), (22, 8510), (23, 8540),

Gene: StellaBean_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for StellaBean_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: StolenFromERC_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for StolenFromERC_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: StormChicken_13 Start: 8100, Stop: 9593, Start Num: 1
Candidate Starts for StormChicken_13:
(Start: 1 @8100 has 133 MA's), (Start: 2 @8118 has 1 MA's), (3, 8274), (4, 8391), (6, 8457), (7, 8502), (9, 8613), (11, 9021), (12, 9186), (13, 9225), (14, 9228), (15, 9231), (16, 9288), (18, 9399), (19, 9447),

(20, 9453), (21, 9459), (22, 9504), (23, 9534),

Gene: TBrady12_14 Start: 7335, Stop: 8828, Start Num: 1
Candidate Starts for TBrady12_14:
(Start: 1 @7335 has 133 MA's), (Start: 2 @7353 has 1 MA's), (3, 7509), (4, 7626), (6, 7692), (7, 7737), (9, 7848), (11, 8256), (12, 8421), (13, 8460), (14, 8463), (15, 8466), (16, 8523), (18, 8634), (19, 8682), (20, 8688), (21, 8694), (22, 8739), (23, 8769),

Gene: Tarkin_14 Start: 8334, Stop: 9827, Start Num: 1
Candidate Starts for Tarkin_14:
(Start: 1 @8334 has 133 MA's), (Start: 2 @8352 has 1 MA's), (3, 8508), (4, 8625), (6, 8691), (7, 8736), (9, 8847), (10, 9141), (11, 9255), (12, 9420), (13, 9459), (14, 9462), (15, 9465), (16, 9522), (18, 9633), (19, 9681), (20, 9687), (21, 9693), (22, 9738), (23, 9768),

Gene: TeamEdward_13 Start: 8097, Stop: 9590, Start Num: 1
Candidate Starts for TeamEdward_13:
(Start: 1 @8097 has 133 MA's), (Start: 2 @8115 has 1 MA's), (3, 8271), (4, 8388), (6, 8454), (7, 8499), (9, 8610), (11, 9018), (12, 9183), (13, 9222), (14, 9225), (15, 9228), (16, 9285), (18, 9396), (19, 9444), (20, 9450), (21, 9456), (22, 9501), (23, 9531),

Gene: TeardropMSU_12 Start: 7834, Stop: 9327, Start Num: 1
Candidate Starts for TeardropMSU_12:
(Start: 1 @7834 has 133 MA's), (Start: 2 @7852 has 1 MA's), (3, 8008), (4, 8125), (6, 8191), (7, 8236), (9, 8347), (11, 8755), (12, 8920), (13, 8959), (14, 8962), (15, 8965), (16, 9022), (18, 9133), (19, 9181), (20, 9187), (21, 9193), (22, 9238), (23, 9268),

Gene: Teaspoon_12 Start: 6832, Stop: 8325, Start Num: 1
Candidate Starts for Teaspoon_12:
(Start: 1 @6832 has 133 MA's), (Start: 2 @6850 has 1 MA's), (3, 7006), (4, 7123), (6, 7189), (7, 7234), (9, 7345), (11, 7753), (12, 7918), (13, 7957), (14, 7960), (15, 7963), (16, 8020), (18, 8131), (19, 8179), (20, 8185), (21, 8191), (22, 8236), (23, 8266),

Gene: Terminus_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Terminus_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Thimble_13 Start: 6884, Stop: 8377, Start Num: 1
Candidate Starts for Thimble_13:
(Start: 1 @6884 has 133 MA's), (Start: 2 @6902 has 1 MA's), (3, 7058), (4, 7175), (6, 7241), (7, 7286), (9, 7397), (11, 7805), (12, 7970), (13, 8009), (14, 8012), (15, 8015), (16, 8072), (18, 8183), (19, 8231), (20, 8237), (21, 8243), (22, 8288), (23, 8318),

Gene: Thresher_13 Start: 8096, Stop: 9589, Start Num: 1
Candidate Starts for Thresher_13:
(Start: 1 @8096 has 133 MA's), (Start: 2 @8114 has 1 MA's), (3, 8270), (4, 8387), (6, 8453), (7, 8498), (9, 8609), (11, 9017), (12, 9182), (13, 9221), (14, 9224), (15, 9227), (16, 9284), (18, 9395), (19, 9443), (20, 9449), (21, 9455), (22, 9500), (23, 9530),

Gene: Tomaszewski_12 Start: 7528, Stop: 9021, Start Num: 1
Candidate Starts for Tomaszewski_12:

(Start: 1 @7528 has 133 MA's), (Start: 2 @7546 has 1 MA's), (3, 7702), (4, 7819), (6, 7885), (7, 7930), (9, 8041), (11, 8449), (12, 8614), (13, 8653), (14, 8656), (15, 8659), (16, 8716), (18, 8827), (19, 8875), (20, 8881), (21, 8887), (22, 8932), (23, 8962),

Gene: Toto_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for Toto_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Traaww1_11 Start: 7573, Stop: 9066, Start Num: 1
Candidate Starts for Traaww1_11:
(Start: 1 @7573 has 133 MA's), (Start: 2 @7591 has 1 MA's), (3, 7747), (4, 7864), (6, 7930), (7, 7975), (9, 8086), (11, 8494), (12, 8659), (13, 8698), (14, 8701), (15, 8704), (16, 8761), (18, 8872), (19, 8920), (20, 8926), (21, 8932), (22, 8977), (23, 9007),

Gene: Tuco_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for Tuco_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Ukulele_12 Start: 7106, Stop: 8599, Start Num: 1
Candidate Starts for Ukulele_12:
(Start: 1 @7106 has 133 MA's), (Start: 2 @7124 has 1 MA's), (3, 7280), (4, 7397), (6, 7463), (7, 7508), (9, 7619), (11, 8027), (12, 8192), (13, 8231), (14, 8234), (15, 8237), (16, 8294), (18, 8405), (19, 8453), (20, 8459), (21, 8465), (22, 8510), (23, 8540),

Gene: Wiggin_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for Wiggin_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (10, 8145), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: Willez_12 Start: 7435, Stop: 8928, Start Num: 1
Candidate Starts for Willez_12:
(Start: 1 @7435 has 133 MA's), (Start: 2 @7453 has 1 MA's), (3, 7609), (4, 7726), (6, 7792), (7, 7837), (9, 7948), (11, 8356), (12, 8521), (13, 8560), (14, 8563), (15, 8566), (16, 8623), (18, 8734), (19, 8782), (20, 8788), (21, 8794), (22, 8839), (23, 8869),

Gene: Xandras_14 Start: 7338, Stop: 8831, Start Num: 1
Candidate Starts for Xandras_14:
(Start: 1 @7338 has 133 MA's), (Start: 2 @7356 has 1 MA's), (3, 7512), (4, 7629), (6, 7695), (7, 7740), (9, 7851), (10, 8145), (11, 8259), (12, 8424), (13, 8463), (14, 8466), (15, 8469), (16, 8526), (18, 8637), (19, 8685), (20, 8691), (21, 8697), (22, 8742), (23, 8772),

Gene: YassJohnny_13 Start: 7927, Stop: 9420, Start Num: 1
Candidate Starts for YassJohnny_13:
(Start: 1 @7927 has 133 MA's), (Start: 2 @7945 has 1 MA's), (3, 8101), (4, 8218), (6, 8284), (7, 8329), (9, 8440), (11, 8848), (12, 9013), (13, 9052), (14, 9055), (15, 9058), (16, 9115), (18, 9226), (19, 9274), (20, 9280), (21, 9286), (22, 9331), (23, 9361),

Gene: Youngblood_12 Start: 7516, Stop: 9009, Start Num: 1

Candidate Starts for Youngblood_12:
(Start: 1 @7516 has 133 MA's), (Start: 2 @7534 has 1 MA's), (3, 7690), (4, 7807), (6, 7873), (7, 7918), (9, 8029), (11, 8437), (12, 8602), (13, 8641), (14, 8644), (15, 8647), (16, 8704), (18, 8815), (19, 8863), (20, 8869), (21, 8875), (22, 8920), (23, 8950),

Gene: xkcd_13 Start: 7587, Stop: 9080, Start Num: 1
Candidate Starts for xkcd_13:
(Start: 1 @7587 has 133 MA's), (Start: 2 @7605 has 1 MA's), (3, 7761), (4, 7878), (6, 7944), (7, 7989), (9, 8100), (11, 8508), (12, 8673), (13, 8712), (14, 8715), (15, 8718), (16, 8775), (18, 8886), (19, 8934), (20, 8940), (21, 8946), (22, 8991), (23, 9021),