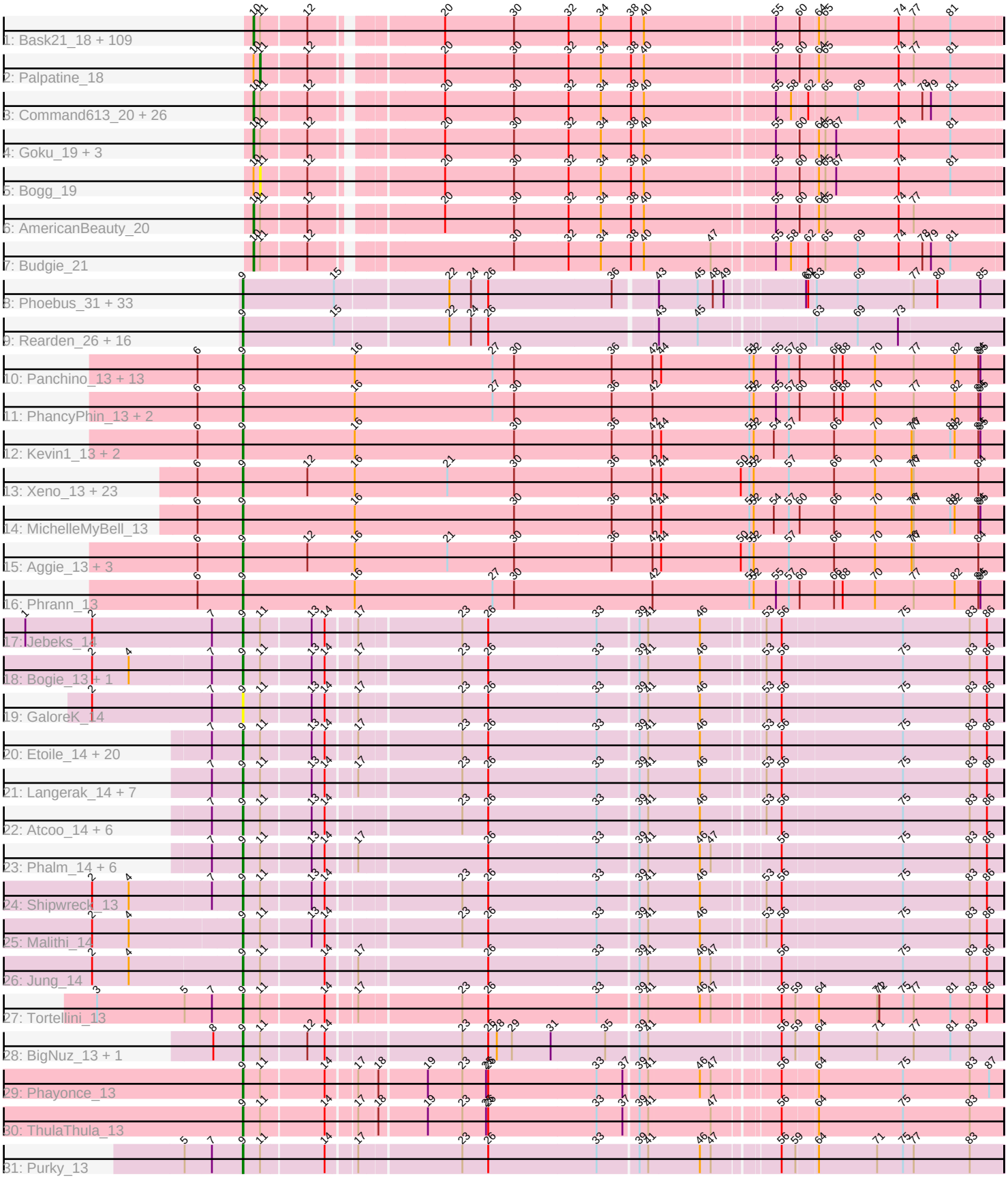
Pham 347172


1: Bask21_18 + 109
2: Palpatine_18
3: Command613_20 + 26
4: Goku_19 + 3
5: Bogg_19
6: AmericanBeauty_20
7: Budgie_21
8: Phoebus_31 + 33
9: Rearden_26 + 16
10: Panchino_13 + 13
11: PhancyPhin_13 + 2
12: Kevin1_13 + 2
13: Xeno_13 + 23
14: MichelleMyBell_13
15: Aggie_13 + 3
16: Phrann_13
17: Jebeks_14
18: Bogie_13 + 1
19: GaloreK_14
20: Etoile_14 + 20
21: Langerak_14 + 7
22: Atcoo_14 + 6
23: Phalm_14 + 6
24: Shipwreck_13
25: Malithi_14
26: Jung_14
27: Tortellini_13
28: BigNuz_13 + 1
29: Phayonce_13
30: ThulaThula_13
31: Purky_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 347172 Report

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

Pham number 347172 has 302 members, 29 are drafts.

Phages represented in each track:
• Track 1 : Bask21_18, Lilpickle_17, DoctorDiddles_19, FireRed_18, BigBubba_18, Bruin_18, Thresher_19, IHOP_18, MISSy_18, Petra64142_19, Hopey_19, Cactus_20, HanKaySha_19, MollyToe_19, Gemini_20, Filch_19, JeTaime_20, Icee_18, Goldilocks_20, Thimble_19, Tarkin_20, Tomaszewski_18, Paperbeatsrock_20, 244_19, Stark_19, Manda_19, Mosby_18, Ukulele_18, ChosenOne_17, BugsBunny_16, Becksu_18, Kimchi_20, Lilac_20, MPhalcon_18, Marshmallow_19, Misfit_18, ShereKhan_20, Stank_20, YassJohnny_19, Pharsalus_19, Teaspoon_18, Sotrice96_19, Cookies_19, Rimmer_18, Simpliphy_19, Gage_20, Argent26_20, Pumpkin_19, Xandras_20, Buck_18, Wiggin_20, Livelaughbron_18, Highbury_19, RiverMonster_18, Phaja_18, StolenFromERC_20, Holt_20, Willez_18, Kanye_20, Moldemort_19, SirDuracell_18, Emmina_18, Nimrod_18, Youngblood_18, Elph10_19, DrDrey_19, Czyszczon1_19, ChotaBhai_18, Sassay_18, Elite2014_17, Barbarian_18, Brewer_18, Murica_17, Greep_19, Murphy_18, Policronamos_18, MadamMonkfish_18, xkcd_19, TBrady12_20, Inca_18, Easy2Say_19, Ptowny_18, GoldenSpark_20, Asriel_18, Traaww1_17, OrionPax_19, StormChicken_19, PaddyBaddy_19, Phrux_18, PhatBacter_18, Bench_20, Maxxinista_19, Dumbo_18, Nala_18, TeamEdward_19, Porky_17, Hoonter_20, HufflyPuff_17, Phaux_17, Terminus_18, Amao_19, NoSleep_19, Contagion_18, GooberAzure_20, Saints25_19, Lilizi_20, Cjw1_18, NonchalantPear_18, FoghornLeghorn_18, Adnama_20
• Track 2 : Palpatine_18
• Track 3 : Command613_20, BadStone_18, Dusk_18, Balomoji_18, StellaBean_19, Miniwave_19, Gator_17, Mindy_19, CrystalP_19, Rakim_20, Harella_17, ShamWow_19, SophKB_19, NelitzaMV_19, Henry_19, Quallification_20, ABCat_18, TeardropMSU_18, FairyPath_19, Tuco_19, Kostya_19, Toto_19, Myrale_19, BilboSwaggins_19, Flypotenuse_17, Daikon_17, Glexan_17
• Track 4 : Goku_19, BaboJay_18, Eureka_19, Pat3_18
• Track 5 : Bogg_19
• Track 6 : AmericanBeauty_20
• Track 7 : Budgie_21
• Track 8 : Phoebus_31, NihilNomen_30, BAKA_28, Dallas_31, HokkenD_26, Yeet_29, Odette_31, Minerva_31, ThreeRngTarjay_30, Constella_26, Hughesyang_30, EricMillard_31, Pound_31, Schatzie_29, Wanda_32, Halley_31, Optimus_29, Bobby_32, Duke13_28, Zelink_32, Kalah2_32, Bagrid_29, Klein_31, Ejimix_32, Redno2_30, DmpstrDiver_30, Beem_31, Marleymoo_34, Hidrated_31, Xiaokay_28, JuicyJay_32, Dove_29, Thibault_27, Bombitas_28

• Track 9 : Rearden_26, Courthouse_29, Porcelain_28, Nekros_29, Ariel_29, Gonephishing_27, Superphikiman_29, Lucky2013_29, Shaboozey_23, Nibley_24, LittleE_29, Hannaconda_26, BronnyJames_23, Squint_28, Omega_31, MiaZeal_29, KashFlow_23
• Track 10 : Panchino_13, Hanako_13, Snekmaggedon_13, SkinnyPete_13, ShrimpFriedEgg_13, Spinach_13, Raymond7_13, Nenae_13, Jamie19_13, Rebel_13, Purgamenstris_13, BabeRuth_13, SpongeBob_13, Redi_13
• Track 11 : PhancyPhin_13, Shweta_13, Impisi_14
• Track 12 : Kevin1_13, Butters_13, Rubeelu_13
• Track 13 : Xeno_13, Xerxes_13, Andies_13, Smurph_13, Tapioca_13, Gex_13, Bosection6_13, Tortoise12_13, Chewbacca_13, Schnauzer_13, Pipsqueaks_13, Silvafighter_13, Duplicity_13, Melville_13, Charlie_13, Journey_13, Phloss_13, Fulbright_13, Magsby_13, Philonius_13, Scitech_13, Carcharodon_13, Parmesanjohn_13, Tessdabest_12
• Track 14 : MichelleMyBell_13
• Track 15 : Aggie_13, Cubone_13, Silvy_13, EGUnicorn_13
• Track 16 : Phrann_13
• Track 17 : Jebeks_14
• Track 18 : Bogie_13, Pygmy_13
• Track 19 : GaloreK_14
• Track 20 : Etoile_14, Chubbello_14, Xavia_14, HUHilltop_14, Ksquared_14, Dynamo_14, Phineas_14, Polkaroo_14, Fishburne_14, Zilizebeth_14, Necropolis_14, Bunnies_14, Bartholomew_14, Vidya_14, Venti_14, GreaseLightnin_14, BronnyJr_14, StevieRay_14, Kari_14, FirstPlacePfu_14, Juniormint_14
• Track 21 : Langerak_14, Mangethe_14, Majeke_14, Donovan_14, Techage_14, Arib1_14, Phegasus_14, Sonah_14
• Track 22 : Atcoo_14, Thespis_14, Camster_14, Bhagsy_14, PeanutPie_14, Willsammy_14, Brusacoram_14
• Track 23 : Phalm_14, StressBall_14, Megiddo_14, KilKor_14, Glaske_14, Gavriela_14, CactusJack_14
• Track 24 : Shipwreck_13
• Track 25 : Malithi_14
• Track 26 : Jung_14
• Track 27 : Tortellini_13
• Track 28 : BigNuz_13, Nazo_13
• Track 29 : Phayonce_13
• Track 30 : ThulaThula_13
• Track 31 : Purky_13

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

The start number called the most often in the published annotations is 9, it was called in 139 of the 273 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aggie_13, Andies_13, Arib1_14, Ariel_29, Atcoo_14, BAKA_28, BabeRuth_13, Bagrid_29, Bartholomew_14, Beem_31, Bhagsy_14, BigNuz_13, Bobby_32, Bogie_13, Bombitas_28, Bosection6_13, BronnyJames_23, BronnyJr_14, Brusacoram_14, Bunnies_14, Butters_13, CactusJack_14, Camster_14, Carcharodon_13, Charlie_13, Chewbacca_13, Chubbello_14, Constella_26,

Courthouse_29, Cubone_13, Dallas_31, DmpstrDiver_30, Donovan_14, Dove_29, Duke13_28, Duplicity_13, Dynamo_14, EGUnicorn_13, Ejimix_32, EricMillard_31, Etoile_14, FirstPlacePfu_14, Fishburne_14, Fulbright_13, GaloreK_14, Gavriela_14, Gex_13, Glaske_14, Gonephishing_27, GreaseLightnin_14, HUHilltop_14, Halley_31, Hanako_13, Hannaconda_26, Hidrated_31, HokkenD_26, Hughesyang_30, Impisi_14, Jamie19_13, Jebeks_14, Journey_13, JuicyJay_32, Jung_14, Juniormint_14, Kalah2_32, Kari_14, KashFlow_23, Kevin1_13, KilKor_14, Klein_31, Ksquared_14, Langerak_14, LittleE_29, Lucky2013_29, Magsby_13, Majeke_14, Malithi_14, Mangethe_14, Marleymoo_34, Megiddo_14, Melville_13, MiaZeal_29, MichelleMyBell_13, Minerva_31, Nazo_13, Necropolis_14, Nekros_29, Nenae_13, Nibley_24, NihilNomen_30, Odette_31, Omega_31, Optimus_29, Panchino_13, Parmesanjohn_13, PeanutPie_14, Phalm_14, PhancyPhin_13, Phayonce_13, Phegasus_14, Philonius_13, Phineas_14, Phloss_13, Phoebus_31, Phrann_13, Pipsqueaks_13, Polkaroo_14, Porcelain_28, Pound_31, Purgamenstris_13, Purky_13, Pygmy_13, Raymond7_13, Rearden_26, Rebel_13, Redi_13, Redno2_30, Rubeelu_13, Schatzie_29, Schnauzer_13, Scitech_13, Shaboozey_23, Shipwreck_13, ShrimpFriedEgg_13, Shweta_13, Silvafighter_13, Silvy_13, SkinnyPete_13, Smurph_13, Snekmaggedon_13, Sonah_14, Spinach_13, SpongeBob_13, Squint_28, StevieRay_14, StressBall_14, Superphikiman_29, Tapioca_13, Techage_14, Tessdabest_12, Thespis_14, Thibault_27, ThreeRngTarjay_30, ThulaThula_13, Tortellini_13, Tortoise12_13, Venti_14, Vidya_14, Wanda_32, Willsammy_14, Xavia_14, Xeno_13, Xerxes_13, Xiaokay_28, Yeet_29, Zelink_32, Zilizebeth_14,

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

Genes that do not have the "Most Annotated" start:
• 244_19, ABCat_18, Adnama_20, Amao_19, AmericanBeauty_20, Argent26_20, Asriel_18, BaboJay_18, BadStone_18, Balomoji_18, Barbarian_18, Bask21_18, Becksu_18, Bench_20, BigBubba_18, BilboSwaggins_19, Bogg_19, Brewer_18, Bruin_18, Buck_18, Budgie_21, BugsBunny_16, Cactus_20, ChosenOne_17, ChotaBhai_18, Cjw1_18, Command613_20, Contagion_18, Cookies_19, CrystalP_19, Czyszczon1_19, Daikon_17, DoctorDiddles_19, DrDrey_19, Dumbo_18, Dusk_18, Easy2Say_19, Elite2014_17, Elph10_19, Emmina_18, Eureka_19, FairyPath_19, Filch_19, FireRed_18, Flypotenuse_17, FoghornLeghorn_18, Gage_20, Gator_17, Gemini_20, Glexan_17, Goku_19, GoldenSpark_20, Goldilocks_20, GooberAzure_20, Greep_19, HanKaySha_19, Harella_17, Henry_19, Highbury_19, Holt_20, Hoonter_20, Hopey_19, HufflyPuff_17, IHOP_18, Icee_18, Inca_18, JeTaime_20, Kanye_20, Kimchi_20, Kostya_19, Lilac_20, Lilizi_20, Lilpickle_17, Livelaughbron_18, MISSy_18, MPhalcon_18, MadamMonkfish_18, Manda_19, Marshmallow_19, Maxxinista_19, Mindy_19, Miniwave_19, Misfit_18, Moldemort_19, MollyToe_19, Mosby_18, Murica_17, Murphy_18, Myrale_19, Nala_18, NelitzaMV_19, Nimrod_18, NoSleep_19, NonchalantPear_18, OrionPax_19, PaddyBaddy_19, Palpatine_18, Paperbeatsrock_20, Pat3_18, Petra64142_19, Phaja_18, Pharsalus_19, PhatBacter_18, Phaux_17, Phrux_18, Policronamos_18, Porky_17, Ptowny_18, Pumpkin_19, Quallification_20, Rakim_20, Rimmer_18, RiverMonster_18, Saints25_19, Sassay_18, ShamWow_19, ShereKhan_20, Simpliphy_19, SirDuracell_18, SophKB_19, Sotrice96_19, Stank_20, Stark_19, StellaBean_19, StolenFromERC_20, StormChicken_19, TBrady12_20, Tarkin_20, TeamEdward_19, TeardropMSU_18, Teaspoon_18, Terminus_18, Thimble_19, Thresher_19, Tomaszewski_18, Toto_19, Traaww1_17, Tuco_19, Ukulele_18, Wiggin_20, Willez_18, Xandras_20, YassJohnny_19, Youngblood_18,

xkcd_19,

Summary by start number:

Start 9:
• Found in 157 of 302 (52.0%) of genes in pham
• Manual Annotations of this start: 139 of 273
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aggie_13 (N), Andies_13 (N), Arib1_14 (P1), Ariel_29 (J), Atcoo_14 (P1), BAKA_28 (J), BabeRuth_13 (N), Bagrid_29 (J), Bartholomew_14 (P1), Beem_31 (J), Bhagsy_14 (P1), BigNuz_13 (P4), Bobby_32 (J), Bogie_13 (P1), Bombitas_28 (J), Bosection6_13 (N), BronnyJames_23 (J), BronnyJr_14 (P1), Brusacoram_14 (P1), Bunnies_14 (P1), Butters_13 (N), CactusJack_14 (P1), Camster_14 (P1), Carcharodon_13 (N), Charlie_13 (N), Chewbacca_13 (N), Chubbello_14 (P1), Constella_26 (J), Courthouse_29 (J), Cubone_13 (N), Dallas_31 (J), DmpstrDiver_30 (J), Donovan_14 (P1), Dove_29 (J), Duke13_28 (J), Duplicity_13 (N), Dynamo_14 (P1), EGUnicorn_13 (N), Ejimix_32 (J), EricMillard_31 (J), Etoile_14 (P1), FirstPlacePfu_14 (P1), Fishburne_14 (P1), Fulbright_13 (N), GaloreK_14 (P1), Gavriela_14 (P1), Gex_13 (N), Glaske_14 (P1), Gonephishing_27 (J), GreaseLightnin_14 (P1), HUHilltop_14 (P1), Halley_31 (J), Hanako_13 (N), Hannaconda_26 (J), Hidrated_31 (J), HokkenD_26 (J), Hughesyang_30 (J), Impisi_14 (N), Jamie19_13 (N), Jebeks_14 (P1), Journey_13 (N), JuicyJay_32 (J), Jung_14 (P1), Juniormint_14 (P1), Kalah2_32 (J), Kari_14 (P1), KashFlow_23 (J), Kevin1_13 (N), KilKor_14 (P1), Klein_31 (J), Ksquared_14 (P1), Langerak_14 (P1), LittleE_29 (J), Lucky2013_29 (J), Magsby_13 (N), Majeke_14 (P1), Malithi_14 (P1), Mangethe_14 (P1), Marleymoo_34 (J), Megiddo_14 (P1), Melville_13 (N), MiaZeal_29 (J), MichelleMyBell_13 (N), Minerva_31 (J), Nazo_13 (P4), Necropolis_14 (P1), Nekros_29 (J), Nenae_13 (N), Nibley_24 (J), NihilNomen_30 (J), Odette_31 (J), Omega_31 (J), Optimus_29 (J), Panchino_13 (N), Parmesanjohn_13 (N), PeanutPie_14 (P1), Phalm_14 (P1), PhancyPhin_13 (N), Phayonce_13 (P5), Phegasus_14 (P1), Philonius_13 (N), Phineas_14 (P1), Phloss_13 (N), Phoebus_31 (J), Phrann_13 (N), Pipsqueaks_13 (N), Polkaroo_14 (P1), Porcelain_28 (J), Pound_31 (J), Purgamenstris_13 (N), Purky_13 (P6), Pygmy_13 (P1), Raymond7_13 (N), Rearden_26 (J), Rebel_13 (N), Redi_13 (N), Redno2_30 (J), Rubeelu_13 (N), Schatzie_29 (J), Schnauzer_13 (N), Scitech_13 (N), Shaboozey_23 (J), Shipwreck_13 (P1), ShrimpFriedEgg_13 (N), Shweta_13 (N), Silvafighter_13 (N), Silvy_13 (N), SkinnyPete_13 (N), Smurph_13 (N), Snekmaggedon_13 (N), Sonah_14 (P1), Spinach_13 (N), SpongeBob_13 (N), Squint_28 (J), StevieRay_14 (P1), StressBall_14 (P1), Superphikiman_29 (J), Tapioca_13 (N), Techage_14 (P1), Tessdabest_12 (N), Thespis_14 (P1), Thibault_27 (J), ThreeRngTarjay_30 (J), ThulaThula_13 (P5), Tortellini_13 (P2), Tortoise12_13 (N), Venti_14 (P1), Vidya_14 (P1), Wanda_32 (J), Willsammy_14 (P1), Xavia_14 (P3), Xeno_13 (N), Xerxes_13 (N), Xiaokay_28 (J), Yeet_29 (J), Zelink_32 (J), Zilizebeth_14 (P1),

Start 10:
• Found in 145 of 302 (48.0%) of genes in pham
• Manual Annotations of this start: 133 of 273
• Called 98.6% of time when present
• Phage (with cluster) where this start called: 244_19 (E), ABCat_18 (E), Adnama_20 (E), Amao_19 (E), AmericanBeauty_20 (E), Argent26_20 (E), Asriel_18 (E), BaboJay_18 (E), BadStone_18 (E), Balomoji_18 (E), Barbarian_18 (E), Bask21_18 (E), Becksu_18 (E), Bench_20 (E), BigBubba_18 (E), BilboSwaggins_19 (E),

Brewer_18 (E), Bruin_18 (E), Buck_18 (E), Budgie_21 (E), BugsBunny_16 (E), Cactus_20 (E), ChosenOne_17 (E), ChotaBhai_18 (E), Cjw1_18 (E), Command613_20 (E), Contagion_18 (E), Cookies_19 (E), CrystalP_19 (E), Czyszczon1_19 (E), Daikon_17 (E), DoctorDiddles_19 (E), DrDrey_19 (E), Dumbo_18 (E), Dusk_18 (E), Easy2Say_19 (E), Elite2014_17 (E), Elph10_19 (E), Emmina_18 (E), Eureka_19 (E), FairyPath_19 (E), Filch_19 (E), FireRed_18 (E), Flypotenuse_17 (E), FoghornLeghorn_18 (E), Gage_20 (E), Gator_17 (E), Gemini_20 (E), Glexan_17 (E), Goku_19 (E), GoldenSpark_20 (E), Goldilocks_20 (E), GooberAzure_20 (E), Greep_19 (E), HanKaySha_19 (E), Harella_17 (E), Henry_19 (E), Highbury_19 (E), Holt_20 (E), Hoonter_20 (E), Hopey_19 (E), HufflyPuff_17 (E), IHOP_18 (E), Icee_18 (E), Inca_18 (E), JeTaime_20 (E), Kanye_20 (E), Kimchi_20 (E), Kostya_19 (E), Lilac_20 (E), Lilizi_20 (E), Lilpickle_17 (E), Livelaughbron_18 (E), MISSy_18 (E), MPhalcon_18 (E), MadamMonkfish_18 (E), Manda_19 (E), Marshmallow_19 (E), Maxxinista_19 (E), Mindy_19 (E), Miniwave_19 (E), Misfit_18 (E), Moldemort_19 (E), MollyToe_19 (E), Mosby_18 (E), Murica_17 (E), Murphy_18 (E), Myrale_19 (E), Nala_18 (E), NelitzaMV_19 (E), Nimrod_18 (E), NoSleep_19 (E), NonchalantPear_18 (E), OrionPax_19 (E), PaddyBaddy_19 (E), Paperbeatsrock_20 (E), Pat3_18 (E), Petra64142_19 (E), Phaja_18 (E), Pharsalus_19 (E), PhatBacter_18 (E), Phaux_17 (E), Phrux_18 (E), Policronamos_18 (E), Porky_17 (E), Ptowny_18 (E), Pumpkin_19 (E), Quallification_20 (E), Rakim_20 (E), Rimmer_18 (E), RiverMonster_18 (E), Saints25_19 (E), Sassay_18 (E), ShamWow_19 (E), ShereKhan_20 (E), Simpliphy_19 (E), SirDuracell_18 (E), SophKB_19 (E), Sotrice96_19 (E), Stank_20 (E), Stark_19 (E), StellaBean_19 (E), StolenFromERC_20 (E), StormChicken_19 (E), TBrady12_20 (E), Tarkin_20 (E), TeamEdward_19 (E), TeardropMSU_18 (E), Teaspoon_18 (E), Terminus_18 (E), Thimble_19 (E), Thresher_19 (E), Tomaszewski_18 (E), Toto_19 (E), Traaww1_17 (E), Tuco_19 (E), Ukulele_18 (E), Wiggin_20 (E), Willez_18 (E), Xandras_20 (E), YassJohnny_19 (E), Youngblood_18 (E), xkcd_19 (E),

Start 11:
• Found in 201 of 302 (66.6%) of genes in pham
• Manual Annotations of this start: 1 of 273
• Called 1.0% of time when present
• Phage (with cluster) where this start called: Bogg_19 (E), Palpatine_18 (E),

Summary by clusters:

There are 9 clusters represented in this pham: P2, P3, P1, E, P4, P5, J, N, P6,

Info for manual annotations of cluster E:
•Start number 10 was manually annotated 133 times for cluster E.
•Start number 11 was manually annotated 1 time for cluster E.

Info for manual annotations of cluster J:
•Start number 9 was manually annotated 41 times for cluster J.

Info for manual annotations of cluster N:
•Start number 9 was manually annotated 47 times for cluster N.

Info for manual annotations of cluster P1:
•Start number 9 was manually annotated 44 times for cluster P1.

Info for manual annotations of cluster P2:

•Start number 9 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P3:
•Start number 9 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster P4:
•Start number 9 was manually annotated 2 times for cluster P4.

Info for manual annotations of cluster P5:
•Start number 9 was manually annotated 2 times for cluster P5.

Info for manual annotations of cluster P6:
•Start number 9 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: 244_19 Start: 10603, Stop: 11577, Start Num: 10
Candidate Starts for 244_19:
(Start: 10 @10603 has 133 MA's), (Start: 11 @10612 has 1 MA's), (12, 10672), (20, 10825), (30, 10921), (32, 10996), (34, 11041), (38, 11083), (40, 11101), (55, 11272), (60, 11302), (64, 11326), (65, 11335), (74, 11434), (77, 11455), (81, 11506),

Gene: ABCat_18 Start: 11378, Stop: 12349, Start Num: 10
Candidate Starts for ABCat_18:
(Start: 10 @11378 has 133 MA's), (Start: 11 @11387 has 1 MA's), (12, 11447), (20, 11600), (30, 11696), (32, 11771), (34, 11816), (38, 11858), (40, 11876), (55, 12047), (58, 12068), (62, 12089), (65, 12110), (69, 12155), (74, 12209), (78, 12242), (79, 12254), (81, 12281),

Gene: Adnama_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for Adnama_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: Aggie_13 Start: 7878, Stop: 8936, Start Num: 9
Candidate Starts for Aggie_13:
(6, 7815), (Start: 9 @7878 has 139 MA's), (12, 7968), (16, 8034), (21, 8163), (30, 8256), (36, 8391), (42, 8448), (44, 8460), (50, 8571), (51, 8583), (52, 8589), (57, 8637), (66, 8700), (70, 8757), (76, 8808), (77, 8811), (84, 8901),

Gene: Amao_19 Start: 10583, Stop: 11554, Start Num: 10
Candidate Starts for Amao_19:
(Start: 10 @10583 has 133 MA's), (Start: 11 @10592 has 1 MA's), (12, 10652), (20, 10805), (30, 10901), (32, 10976), (34, 11021), (38, 11063), (40, 11081), (55, 11252), (60, 11282), (64, 11306), (65, 11315), (74, 11414), (77, 11435), (81, 11486),

Gene: AmericanBeauty_20 Start: 10832, Stop: 11806, Start Num: 10
Candidate Starts for AmericanBeauty_20:
(Start: 10 @10832 has 133 MA's), (Start: 11 @10841 has 1 MA's), (12, 10901), (20, 11054), (30, 11150), (32, 11225), (34, 11270), (38, 11312), (40, 11330), (55, 11501), (60, 11531), (64, 11555), (65, 11564), (74, 11663), (77, 11684),

Gene: Andies_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Andies_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Argent26_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for Argent26_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: Arib1_14 Start: 8818, Stop: 9816, Start Num: 9
Candidate Starts for Arib1_14:
(7, 8779), (Start: 9 @8818 has 139 MA's), (Start: 11 @8842 has 1 MA's), (13, 8908), (14, 8926), (17, 8962), (23, 9097), (26, 9133), (33, 9283), (39, 9337), (41, 9349), (46, 9418), (53, 9493), (56, 9514), (75, 9676), (83, 9769), (86, 9793),

Gene: Ariel_29 Start: 15912, Stop: 16916, Start Num: 9
Candidate Starts for Ariel_29:
(Start: 9 @15912 has 139 MA's), (15, 16038), (22, 16188), (24, 16218), (26, 16242), (43, 16467), (45, 16521), (63, 16662), (69, 16719), (73, 16773),

Gene: Asriel_18 Start: 10250, Stop: 11221, Start Num: 10
Candidate Starts for Asriel_18:
(Start: 10 @10250 has 133 MA's), (Start: 11 @10259 has 1 MA's), (12, 10319), (20, 10472), (30, 10568), (32, 10643), (34, 10688), (38, 10730), (40, 10748), (55, 10919), (60, 10949), (64, 10973), (65, 10982), (74, 11081), (77, 11102), (81, 11153),

Gene: Atcoo_14 Start: 8838, Stop: 9836, Start Num: 9
Candidate Starts for Atcoo_14:
(7, 8799), (Start: 9 @8838 has 139 MA's), (Start: 11 @8862 has 1 MA's), (13, 8928), (14, 8946), (23, 9117), (26, 9153), (33, 9303), (39, 9357), (41, 9369), (46, 9438), (53, 9513), (56, 9534), (75, 9696), (83, 9789), (86, 9813),

Gene: BAKA_28 Start: 17998, Stop: 19002, Start Num: 9
Candidate Starts for BAKA_28:
(Start: 9 @17998 has 139 MA's), (15, 18124), (22, 18274), (24, 18304), (26, 18328), (36, 18499), (43, 18553), (45, 18607), (48, 18628), (49, 18643), (61, 18736), (62, 18739), (63, 18748), (69, 18805), (77, 18877), (80, 18910), (85, 18970),

Gene: BabeRuth_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for BabeRuth_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: BaboJay_18 Start: 10914, Stop: 11885, Start Num: 10
Candidate Starts for BaboJay_18:
(Start: 10 @10914 has 133 MA's), (Start: 11 @10923 has 1 MA's), (12, 10983), (20, 11136), (30, 11232), (32, 11307), (34, 11352), (38, 11394), (40, 11412), (55, 11583), (60, 11613), (64, 11637), (65, 11646), (67, 11661), (74, 11745), (81, 11817),

Gene: BadStone_18 Start: 11378, Stop: 12349, Start Num: 10
Candidate Starts for BadStone_18:
(Start: 10 @11378 has 133 MA's), (Start: 11 @11387 has 1 MA's), (12, 11447), (20, 11600), (30, 11696), (32, 11771), (34, 11816), (38, 11858), (40, 11876), (55, 12047), (58, 12068), (62, 12089), (65, 12110), (69, 12155), (74, 12209), (78, 12242), (79, 12254), (81, 12281),

Gene: Bagrid_29 Start: 17787, Stop: 18791, Start Num: 9
Candidate Starts for Bagrid_29:
(Start: 9 @17787 has 139 MA's), (15, 17913), (22, 18063), (24, 18093), (26, 18117), (36, 18288), (43, 18342), (45, 18396), (48, 18417), (49, 18432), (61, 18525), (62, 18528), (63, 18537), (69, 18594), (77, 18666), (80, 18699), (85, 18759),

Gene: Balomoji_18 Start: 11112, Stop: 12083, Start Num: 10
Candidate Starts for Balomoji_18:
(Start: 10 @11112 has 133 MA's), (Start: 11 @11121 has 1 MA's), (12, 11181), (20, 11334), (30, 11430), (32, 11505), (34, 11550), (38, 11592), (40, 11610), (55, 11781), (58, 11802), (62, 11823), (65, 11844), (69, 11889), (74, 11943), (78, 11976), (79, 11988), (81, 12015),

Gene: Barbarian_18 Start: 10250, Stop: 11221, Start Num: 10
Candidate Starts for Barbarian_18:
(Start: 10 @10250 has 133 MA's), (Start: 11 @10259 has 1 MA's), (12, 10319), (20, 10472), (30, 10568), (32, 10643), (34, 10688), (38, 10730), (40, 10748), (55, 10919), (60, 10949), (64, 10973), (65, 10982), (74, 11081), (77, 11102), (81, 11153),

Gene: Bartholomew_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Bartholomew_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: Bask21_18 Start: 10045, Stop: 11016, Start Num: 10
Candidate Starts for Bask21_18:
(Start: 10 @10045 has 133 MA's), (Start: 11 @10054 has 1 MA's), (12, 10114), (20, 10267), (30, 10363), (32, 10438), (34, 10483), (38, 10525), (40, 10543), (55, 10714), (60, 10744), (64, 10768), (65, 10777), (74, 10876), (77, 10897), (81, 10948),

Gene: Becksu_18 Start: 11022, Stop: 11996, Start Num: 10
Candidate Starts for Becksu_18:
(Start: 10 @11022 has 133 MA's), (Start: 11 @11031 has 1 MA's), (12, 11091), (20, 11244), (30, 11340), (32, 11415), (34, 11460), (38, 11502), (40, 11520), (55, 11691), (60, 11721), (64, 11745), (65, 11754), (74, 11853), (77, 11874), (81, 11925),

Gene: Beem_31 Start: 18353, Stop: 19357, Start Num: 9
Candidate Starts for Beem_31:
(Start: 9 @18353 has 139 MA's), (15, 18479), (22, 18629), (24, 18659), (26, 18683), (36, 18854), (43, 18908), (45, 18962), (48, 18983), (49, 18998), (61, 19091), (62, 19094), (63, 19103), (69, 19160), (77, 19232), (80, 19265), (85, 19325),

Gene: Bench_20 Start: 10708, Stop: 11682, Start Num: 10
Candidate Starts for Bench_20:
(Start: 10 @10708 has 133 MA's), (Start: 11 @10717 has 1 MA's), (12, 10777), (20, 10930), (30, 11026), (32, 11101), (34, 11146), (38, 11188), (40, 11206), (55, 11377), (60, 11407), (64, 11431), (65,

11440), (74, 11539), (77, 11560), (81, 11611),

Gene: Bhagsy_14 Start: 8841, Stop: 9839, Start Num: 9
Candidate Starts for Bhagsy_14:
(7, 8802), (Start: 9 @8841 has 139 MA's), (Start: 11 @8865 has 1 MA's), (13, 8931), (14, 8949), (23, 9120), (26, 9156), (33, 9306), (39, 9360), (41, 9372), (46, 9441), (53, 9516), (56, 9537), (75, 9699), (83, 9792), (86, 9816),

Gene: BigBubba_18 Start: 10091, Stop: 11065, Start Num: 10
Candidate Starts for BigBubba_18:
(Start: 10 @10091 has 133 MA's), (Start: 11 @10100 has 1 MA's), (12, 10160), (20, 10313), (30, 10409), (32, 10484), (34, 10529), (38, 10571), (40, 10589), (55, 10760), (60, 10790), (64, 10814), (65, 10823), (74, 10922), (77, 10943), (81, 10994),

Gene: BigNuz_13 Start: 8552, Stop: 9550, Start Num: 9
Candidate Starts for BigNuz_13:
(8, 8513), (Start: 9 @8552 has 139 MA's), (Start: 11 @8576 has 1 MA's), (12, 8636), (14, 8660), (23, 8831), (26, 8867), (28, 8879), (29, 8900), (31, 8954), (35, 9029), (39, 9071), (41, 9083), (56, 9248), (59, 9266), (64, 9293), (71, 9374), (77, 9425), (81, 9476), (83, 9503),

Gene: BilboSwaggins_19 Start: 11379, Stop: 12350, Start Num: 10
Candidate Starts for BilboSwaggins_19:
(Start: 10 @11379 has 133 MA's), (Start: 11 @11388 has 1 MA's), (12, 11448), (20, 11601), (30, 11697), (32, 11772), (34, 11817), (38, 11859), (40, 11877), (55, 12048), (58, 12069), (62, 12090), (65, 12111), (69, 12156), (74, 12210), (78, 12243), (79, 12255), (81, 12282),

Gene: Bobby_32 Start: 18306, Stop: 19310, Start Num: 9
Candidate Starts for Bobby_32:
(Start: 9 @18306 has 139 MA's), (15, 18432), (22, 18582), (24, 18612), (26, 18636), (36, 18807), (43, 18861), (45, 18915), (48, 18936), (49, 18951), (61, 19044), (62, 19047), (63, 19056), (69, 19113), (77, 19185), (80, 19218), (85, 19278),

Gene: Bogg_19 Start: 10273, Stop: 11235, Start Num: 11
Candidate Starts for Bogg_19:
(Start: 10 @10264 has 133 MA's), (Start: 11 @10273 has 1 MA's), (12, 10333), (20, 10486), (30, 10582), (32, 10657), (34, 10702), (38, 10744), (40, 10762), (55, 10933), (60, 10963), (64, 10987), (65, 10996), (67, 11011), (74, 11095), (81, 11167),

Gene: Bogie_13 Start: 8552, Stop: 9550, Start Num: 9
Candidate Starts for Bogie_13:
(2, 8351), (4, 8402), (7, 8513), (Start: 9 @8552 has 139 MA's), (Start: 11 @8576 has 1 MA's), (13, 8642), (14, 8660), (17, 8696), (23, 8831), (26, 8867), (33, 9017), (39, 9071), (41, 9083), (46, 9152), (53, 9227), (56, 9248), (75, 9410), (83, 9503), (86, 9527),

Gene: Bombitas_28 Start: 17663, Stop: 18667, Start Num: 9
Candidate Starts for Bombitas_28:
(Start: 9 @17663 has 139 MA's), (15, 17789), (22, 17939), (24, 17969), (26, 17993), (36, 18164), (43, 18218), (45, 18272), (48, 18293), (49, 18308), (61, 18401), (62, 18404), (63, 18413), (69, 18470), (77, 18542), (80, 18575), (85, 18635),

Gene: Bosection6_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Bosection6_13:

(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Brewer_18 Start: 11090, Stop: 12064, Start Num: 10
Candidate Starts for Brewer_18:
(Start: 10 @11090 has 133 MA's), (Start: 11 @11099 has 1 MA's), (12, 11159), (20, 11312), (30, 11408), (32, 11483), (34, 11528), (38, 11570), (40, 11588), (55, 11759), (60, 11789), (64, 11813), (65, 11822), (74, 11921), (77, 11942), (81, 11993),

Gene: BronnyJames_23 Start: 14544, Stop: 15548, Start Num: 9
Candidate Starts for BronnyJames_23:
(Start: 9 @14544 has 139 MA's), (15, 14670), (22, 14820), (24, 14850), (26, 14874), (43, 15099), (45, 15153), (63, 15294), (69, 15351), (73, 15405),

Gene: BronnyJr_14 Start: 8818, Stop: 9816, Start Num: 9
Candidate Starts for BronnyJr_14:
(7, 8779), (Start: 9 @8818 has 139 MA's), (Start: 11 @8842 has 1 MA's), (13, 8908), (14, 8926), (17, 8962), (23, 9097), (26, 9133), (33, 9283), (39, 9337), (41, 9349), (46, 9418), (53, 9493), (56, 9514), (75, 9676), (83, 9769), (86, 9793),

Gene: Bruin_18 Start: 10886, Stop: 11857, Start Num: 10
Candidate Starts for Bruin_18:
(Start: 10 @10886 has 133 MA's), (Start: 11 @10895 has 1 MA's), (12, 10955), (20, 11108), (30, 11204), (32, 11279), (34, 11324), (38, 11366), (40, 11384), (55, 11555), (60, 11585), (64, 11609), (65, 11618), (74, 11717), (77, 11738), (81, 11789),

Gene: Brusacoram_14 Start: 8837, Stop: 9835, Start Num: 9
Candidate Starts for Brusacoram_14:
(7, 8798), (Start: 9 @8837 has 139 MA's), (Start: 11 @8861 has 1 MA's), (13, 8927), (14, 8945), (23, 9116), (26, 9152), (33, 9302), (39, 9356), (41, 9368), (46, 9437), (53, 9512), (56, 9533), (75, 9695), (83, 9788), (86, 9812),

Gene: Buck_18 Start: 11335, Stop: 12306, Start Num: 10
Candidate Starts for Buck_18:
(Start: 10 @11335 has 133 MA's), (Start: 11 @11344 has 1 MA's), (12, 11404), (20, 11557), (30, 11653), (32, 11728), (34, 11773), (38, 11815), (40, 11833), (55, 12004), (60, 12034), (64, 12058), (65, 12067), (74, 12166), (77, 12187), (81, 12238),

Gene: Budgie_21 Start: 10769, Stop: 11743, Start Num: 10
Candidate Starts for Budgie_21:
(Start: 10 @10769 has 133 MA's), (Start: 11 @10778 has 1 MA's), (12, 10838), (30, 11087), (32, 11162), (34, 11207), (38, 11249), (40, 11267), (47, 11360), (55, 11438), (58, 11459), (62, 11480), (65, 11501), (69, 11546), (74, 11600), (78, 11633), (79, 11645), (81, 11672),

Gene: BugsBunny_16 Start: 10452, Stop: 11423, Start Num: 10
Candidate Starts for BugsBunny_16:
(Start: 10 @10452 has 133 MA's), (Start: 11 @10461 has 1 MA's), (12, 10521), (20, 10674), (30, 10770), (32, 10845), (34, 10890), (38, 10932), (40, 10950), (55, 11121), (60, 11151), (64, 11175), (65, 11184), (74, 11283), (77, 11304), (81, 11355),

Gene: Bunnies_14 Start: 8850, Stop: 9848, Start Num: 9
Candidate Starts for Bunnies_14:

(7, 8811), (Start: 9 @8850 has 139 MA's), (Start: 11 @8874 has 1 MA's), (13, 8940), (14, 8958), (17, 8994), (23, 9129), (26, 9165), (33, 9315), (39, 9369), (41, 9381), (46, 9450), (53, 9525), (56, 9546), (75, 9708), (83, 9801), (86, 9825),

Gene: Butters_13 Start: 7898, Stop: 8956, Start Num: 9
Candidate Starts for Butters_13:
(6, 7835), (Start: 9 @7898 has 139 MA's), (16, 8054), (30, 8276), (36, 8411), (42, 8468), (44, 8480), (51, 8603), (52, 8609), (54, 8636), (57, 8657), (66, 8720), (70, 8777), (76, 8828), (77, 8831), (81, 8882), (82, 8888), (84, 8921), (85, 8924),

Gene: Cactus_20 Start: 10591, Stop: 11562, Start Num: 10
Candidate Starts for Cactus_20:
(Start: 10 @10591 has 133 MA's), (Start: 11 @10600 has 1 MA's), (12, 10660), (20, 10813), (30, 10909), (32, 10984), (34, 11029), (38, 11071), (40, 11089), (55, 11260), (60, 11290), (64, 11314), (65, 11323), (74, 11422), (77, 11443), (81, 11494),

Gene: CactusJack_14 Start: 8837, Stop: 9835, Start Num: 9
Candidate Starts for CactusJack_14:
(7, 8798), (Start: 9 @8837 has 139 MA's), (Start: 11 @8861 has 1 MA's), (13, 8927), (14, 8945), (17, 8981), (26, 9152), (33, 9302), (39, 9356), (41, 9368), (46, 9437), (47, 9452), (56, 9533), (75, 9695), (83, 9788), (86, 9812),

Gene: Camster_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Camster_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: Carcharodon_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Carcharodon_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Charlie_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Charlie_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Chewbacca_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Chewbacca_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: ChosenOne_17 Start: 10055, Stop: 11029, Start Num: 10
Candidate Starts for ChosenOne_17:
(Start: 10 @10055 has 133 MA's), (Start: 11 @10064 has 1 MA's), (12, 10124), (20, 10277), (30, 10373), (32, 10448), (34, 10493), (38, 10535), (40, 10553), (55, 10724), (60, 10754), (64, 10778), (65, 10787), (74, 10886), (77, 10907), (81, 10958),

Gene: ChotaBhai_18 Start: 10091, Stop: 11065, Start Num: 10

Candidate Starts for ChotaBhai_18:
(Start: 10 @10091 has 133 MA's), (Start: 11 @10100 has 1 MA's), (12, 10160), (20, 10313), (30, 10409), (32, 10484), (34, 10529), (38, 10571), (40, 10589), (55, 10760), (60, 10790), (64, 10814), (65, 10823), (74, 10922), (77, 10943), (81, 10994),

Gene: Chubbello_14 Start: 8833, Stop: 9831, Start Num: 9
Candidate Starts for Chubbello_14:
(7, 8794), (Start: 9 @8833 has 139 MA's), (Start: 11 @8857 has 1 MA's), (13, 8923), (14, 8941), (17, 8977), (23, 9112), (26, 9148), (33, 9298), (39, 9352), (41, 9364), (46, 9433), (53, 9508), (56, 9529), (75, 9691), (83, 9784), (86, 9808),

Gene: Cjw1_18 Start: 11605, Stop: 12579, Start Num: 10
Candidate Starts for Cjw1_18:
(Start: 10 @11605 has 133 MA's), (Start: 11 @11614 has 1 MA's), (12, 11674), (20, 11827), (30, 11923), (32, 11998), (34, 12043), (38, 12085), (40, 12103), (55, 12274), (60, 12304), (64, 12328), (65, 12337), (74, 12436), (77, 12457), (81, 12508),

Gene: Command613_20 Start: 11647, Stop: 12618, Start Num: 10
Candidate Starts for Command613_20:
(Start: 10 @11647 has 133 MA's), (Start: 11 @11656 has 1 MA's), (12, 11716), (20, 11869), (30, 11965), (32, 12040), (34, 12085), (38, 12127), (40, 12145), (55, 12316), (58, 12337), (62, 12358), (65, 12379), (69, 12424), (74, 12478), (78, 12511), (79, 12523), (81, 12550),

Gene: Constella_26 Start: 17176, Stop: 18180, Start Num: 9
Candidate Starts for Constella_26:
(Start: 9 @17176 has 139 MA's), (15, 17302), (22, 17452), (24, 17482), (26, 17506), (36, 17677), (43, 17731), (45, 17785), (48, 17806), (49, 17821), (61, 17914), (62, 17917), (63, 17926), (69, 17983), (77, 18055), (80, 18088), (85, 18148),

Gene: Contagion_18 Start: 10886, Stop: 11857, Start Num: 10
Candidate Starts for Contagion_18:
(Start: 10 @10886 has 133 MA's), (Start: 11 @10895 has 1 MA's), (12, 10955), (20, 11108), (30, 11204), (32, 11279), (34, 11324), (38, 11366), (40, 11384), (55, 11555), (60, 11585), (64, 11609), (65, 11618), (74, 11717), (77, 11738), (81, 11789),

Gene: Cookies_19 Start: 11251, Stop: 12222, Start Num: 10
Candidate Starts for Cookies_19:
(Start: 10 @11251 has 133 MA's), (Start: 11 @11260 has 1 MA's), (12, 11320), (20, 11473), (30, 11569), (32, 11644), (34, 11689), (38, 11731), (40, 11749), (55, 11920), (60, 11950), (64, 11974), (65, 11983), (74, 12082), (77, 12103), (81, 12154),

Gene: Courthouse_29 Start: 16315, Stop: 17319, Start Num: 9
Candidate Starts for Courthouse_29:
(Start: 9 @16315 has 139 MA's), (15, 16441), (22, 16591), (24, 16621), (26, 16645), (43, 16870), (45, 16924), (63, 17065), (69, 17122), (73, 17176),

Gene: CrystalP_19 Start: 11379, Stop: 12350, Start Num: 10
Candidate Starts for CrystalP_19:
(Start: 10 @11379 has 133 MA's), (Start: 11 @11388 has 1 MA's), (12, 11448), (20, 11601), (30, 11697), (32, 11772), (34, 11817), (38, 11859), (40, 11877), (55, 12048), (58, 12069), (62, 12090), (65, 12111), (69, 12156), (74, 12210), (78, 12243), (79, 12255), (81, 12282),

Gene: Cubone_13 Start: 7902, Stop: 8960, Start Num: 9

Candidate Starts for Cubone_13:
(6, 7839), (Start: 9 @7902 has 139 MA's), (12, 7992), (16, 8058), (21, 8187), (30, 8280), (36, 8415), (42, 8472), (44, 8484), (50, 8595), (51, 8607), (52, 8613), (57, 8661), (66, 8724), (70, 8781), (76, 8832), (77, 8835), (84, 8925),

Gene: Czyszczon1_19 Start: 10590, Stop: 11564, Start Num: 10
Candidate Starts for Czyszczon1_19:
(Start: 10 @10590 has 133 MA's), (Start: 11 @10599 has 1 MA's), (12, 10659), (20, 10812), (30, 10908), (32, 10983), (34, 11028), (38, 11070), (40, 11088), (55, 11259), (60, 11289), (64, 11313), (65, 11322), (74, 11421), (77, 11442), (81, 11493),

Gene: Daikon_17 Start: 11113, Stop: 12084, Start Num: 10
Candidate Starts for Daikon_17:
(Start: 10 @11113 has 133 MA's), (Start: 11 @11122 has 1 MA's), (12, 11182), (20, 11335), (30, 11431), (32, 11506), (34, 11551), (38, 11593), (40, 11611), (55, 11782), (58, 11803), (62, 11824), (65, 11845), (69, 11890), (74, 11944), (78, 11977), (79, 11989), (81, 12016),

Gene: Dallas_31 Start: 17893, Stop: 18897, Start Num: 9
Candidate Starts for Dallas_31:
(Start: 9 @17893 has 139 MA's), (15, 18019), (22, 18169), (24, 18199), (26, 18223), (36, 18394), (43, 18448), (45, 18502), (48, 18523), (49, 18538), (61, 18631), (62, 18634), (63, 18643), (69, 18700), (77, 18772), (80, 18805), (85, 18865),

Gene: DmpstrDiver_30 Start: 18529, Stop: 19533, Start Num: 9
Candidate Starts for DmpstrDiver_30:
(Start: 9 @18529 has 139 MA's), (15, 18655), (22, 18805), (24, 18835), (26, 18859), (36, 19030), (43, 19084), (45, 19138), (48, 19159), (49, 19174), (61, 19267), (62, 19270), (63, 19279), (69, 19336), (77, 19408), (80, 19441), (85, 19501),

Gene: DoctorDiddles_19 Start: 10544, Stop: 11515, Start Num: 10
Candidate Starts for DoctorDiddles_19:
(Start: 10 @10544 has 133 MA's), (Start: 11 @10553 has 1 MA's), (12, 10613), (20, 10766), (30, 10862), (32, 10937), (34, 10982), (38, 11024), (40, 11042), (55, 11213), (60, 11243), (64, 11267), (65, 11276), (74, 11375), (77, 11396), (81, 11447),

Gene: Donovan_14 Start: 8819, Stop: 9817, Start Num: 9
Candidate Starts for Donovan_14:
(7, 8780), (Start: 9 @8819 has 139 MA's), (Start: 11 @8843 has 1 MA's), (13, 8909), (14, 8927), (17, 8963), (23, 9098), (26, 9134), (33, 9284), (39, 9338), (41, 9350), (46, 9419), (53, 9494), (56, 9515), (75, 9677), (83, 9770), (86, 9794),

Gene: Dove_29 Start: 17662, Stop: 18666, Start Num: 9
Candidate Starts for Dove_29:
(Start: 9 @17662 has 139 MA's), (15, 17788), (22, 17938), (24, 17968), (26, 17992), (36, 18163), (43, 18217), (45, 18271), (48, 18292), (49, 18307), (61, 18400), (62, 18403), (63, 18412), (69, 18469), (77, 18541), (80, 18574), (85, 18634),

Gene: DrDrey_19 Start: 11331, Stop: 12305, Start Num: 10
Candidate Starts for DrDrey_19:
(Start: 10 @11331 has 133 MA's), (Start: 11 @11340 has 1 MA's), (12, 11400), (20, 11553), (30, 11649), (32, 11724), (34, 11769), (38, 11811), (40, 11829), (55, 12000), (60, 12030), (64, 12054), (65, 12063), (74, 12162), (77, 12183), (81, 12234),

Gene: Duke13_28 Start: 17927, Stop: 18931, Start Num: 9
Candidate Starts for Duke13_28:
(Start: 9 @17927 has 139 MA's), (15, 18053), (22, 18203), (24, 18233), (26, 18257), (36, 18428), (43, 18482), (45, 18536), (48, 18557), (49, 18572), (61, 18665), (62, 18668), (63, 18677), (69, 18734), (77, 18806), (80, 18839), (85, 18899),

Gene: Dumbo_18 Start: 10312, Stop: 11286, Start Num: 10
Candidate Starts for Dumbo_18:
(Start: 10 @10312 has 133 MA's), (Start: 11 @10321 has 1 MA's), (12, 10381), (20, 10534), (30, 10630), (32, 10705), (34, 10750), (38, 10792), (40, 10810), (55, 10981), (60, 11011), (64, 11035), (65, 11044), (74, 11143), (77, 11164), (81, 11215),

Gene: Duplicity_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Duplicity_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Dusk_18 Start: 11038, Stop: 12009, Start Num: 10
Candidate Starts for Dusk_18:
(Start: 10 @11038 has 133 MA's), (Start: 11 @11047 has 1 MA's), (12, 11107), (20, 11260), (30, 11356), (32, 11431), (34, 11476), (38, 11518), (40, 11536), (55, 11707), (58, 11728), (62, 11749), (65, 11770), (69, 11815), (74, 11869), (78, 11902), (79, 11914), (81, 11941),

Gene: Dynamo_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Dynamo_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: EGUnicorn_13 Start: 7878, Stop: 8936, Start Num: 9
Candidate Starts for EGUnicorn_13:
(6, 7815), (Start: 9 @7878 has 139 MA's), (12, 7968), (16, 8034), (21, 8163), (30, 8256), (36, 8391), (42, 8448), (44, 8460), (50, 8571), (51, 8583), (52, 8589), (57, 8637), (66, 8700), (70, 8757), (76, 8808), (77, 8811), (84, 8901),

Gene: Easy2Say_19 Start: 11578, Stop: 12552, Start Num: 10
Candidate Starts for Easy2Say_19:
(Start: 10 @11578 has 133 MA's), (Start: 11 @11587 has 1 MA's), (12, 11647), (20, 11800), (30, 11896), (32, 11971), (34, 12016), (38, 12058), (40, 12076), (55, 12247), (60, 12277), (64, 12301), (65, 12310), (74, 12409), (77, 12430), (81, 12481),

Gene: Ejimix_32 Start: 19103, Stop: 20107, Start Num: 9
Candidate Starts for Ejimix_32:
(Start: 9 @19103 has 139 MA's), (15, 19229), (22, 19379), (24, 19409), (26, 19433), (36, 19604), (43, 19658), (45, 19712), (48, 19733), (49, 19748), (61, 19841), (62, 19844), (63, 19853), (69, 19910), (77, 19982), (80, 20015), (85, 20075),

Gene: Elite2014_17 Start: 10055, Stop: 11029, Start Num: 10
Candidate Starts for Elite2014_17:
(Start: 10 @10055 has 133 MA's), (Start: 11 @10064 has 1 MA's), (12, 10124), (20, 10277), (30, 10373), (32, 10448), (34, 10493), (38, 10535), (40, 10553), (55, 10724), (60, 10754), (64, 10778), (65, 10787), (74, 10886), (77, 10907), (81, 10958),

Gene: Elph10_19 Start: 10315, Stop: 11289, Start Num: 10
Candidate Starts for Elph10_19:
(Start: 10 @10315 has 133 MA's), (Start: 11 @10324 has 1 MA's), (12, 10384), (20, 10537), (30, 10633), (32, 10708), (34, 10753), (38, 10795), (40, 10813), (55, 10984), (60, 11014), (64, 11038), (65, 11047), (74, 11146), (77, 11167), (81, 11218),

Gene: Emmina_18 Start: 10160, Stop: 11134, Start Num: 10
Candidate Starts for Emmina_18:
(Start: 10 @10160 has 133 MA's), (Start: 11 @10169 has 1 MA's), (12, 10229), (20, 10382), (30, 10478), (32, 10553), (34, 10598), (38, 10640), (40, 10658), (55, 10829), (60, 10859), (64, 10883), (65, 10892), (74, 10991), (77, 11012), (81, 11063),

Gene: EricMillard_31 Start: 18639, Stop: 19643, Start Num: 9
Candidate Starts for EricMillard_31:
(Start: 9 @18639 has 139 MA's), (15, 18765), (22, 18915), (24, 18945), (26, 18969), (36, 19140), (43, 19194), (45, 19248), (48, 19269), (49, 19284), (61, 19377), (62, 19380), (63, 19389), (69, 19446), (77, 19518), (80, 19551), (85, 19611),

Gene: Etoile_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Etoile_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: Eureka_19 Start: 11358, Stop: 12329, Start Num: 10
Candidate Starts for Eureka_19:
(Start: 10 @11358 has 133 MA's), (Start: 11 @11367 has 1 MA's), (12, 11427), (20, 11580), (30, 11676), (32, 11751), (34, 11796), (38, 11838), (40, 11856), (55, 12027), (60, 12057), (64, 12081), (65, 12090), (67, 12105), (74, 12189), (81, 12261),

Gene: FairyPath_19 Start: 11576, Stop: 12547, Start Num: 10
Candidate Starts for FairyPath_19:
(Start: 10 @11576 has 133 MA's), (Start: 11 @11585 has 1 MA's), (12, 11645), (20, 11798), (30, 11894), (32, 11969), (34, 12014), (38, 12056), (40, 12074), (55, 12245), (58, 12266), (62, 12287), (65, 12308), (69, 12353), (74, 12407), (78, 12440), (79, 12452), (81, 12479),

Gene: Filch_19 Start: 10600, Stop: 11574, Start Num: 10
Candidate Starts for Filch_19:
(Start: 10 @10600 has 133 MA's), (Start: 11 @10609 has 1 MA's), (12, 10669), (20, 10822), (30, 10918), (32, 10993), (34, 11038), (38, 11080), (40, 11098), (55, 11269), (60, 11299), (64, 11323), (65, 11332), (74, 11431), (77, 11452), (81, 11503),

Gene: FireRed_18 Start: 10888, Stop: 11859, Start Num: 10
Candidate Starts for FireRed_18:
(Start: 10 @10888 has 133 MA's), (Start: 11 @10897 has 1 MA's), (12, 10957), (20, 11110), (30, 11206), (32, 11281), (34, 11326), (38, 11368), (40, 11386), (55, 11557), (60, 11587), (64, 11611), (65, 11620), (74, 11719), (77, 11740), (81, 11791),

Gene: FirstPlacePfu_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for FirstPlacePfu_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75,

9692), (83, 9785), (86, 9809),

Gene: Fishburne_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Fishburne_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: Flypotenuse_17 Start: 10995, Stop: 11966, Start Num: 10
Candidate Starts for Flypotenuse_17:
(Start: 10 @10995 has 133 MA's), (Start: 11 @11004 has 1 MA's), (12, 11064), (20, 11217), (30, 11313), (32, 11388), (34, 11433), (38, 11475), (40, 11493), (55, 11664), (58, 11685), (62, 11706), (65, 11727), (69, 11772), (74, 11826), (78, 11859), (79, 11871), (81, 11898),

Gene: FoghornLeghorn_18 Start: 10883, Stop: 11854, Start Num: 10
Candidate Starts for FoghornLeghorn_18:
(Start: 10 @10883 has 133 MA's), (Start: 11 @10892 has 1 MA's), (12, 10952), (20, 11105), (30, 11201), (32, 11276), (34, 11321), (38, 11363), (40, 11381), (55, 11552), (60, 11582), (64, 11606), (65, 11615), (74, 11714), (77, 11735), (81, 11786),

Gene: Fulbright_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Fulbright_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Gage_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for Gage_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: GaloreK_14 Start: 8826, Stop: 9824, Start Num: 9
Candidate Starts for GaloreK_14:
(2, 8622), (7, 8787), (Start: 9 @8826 has 139 MA's), (Start: 11 @8850 has 1 MA's), (13, 8916), (14, 8934), (17, 8970), (23, 9105), (26, 9141), (33, 9291), (39, 9345), (41, 9357), (46, 9426), (53, 9501), (56, 9522), (75, 9684), (83, 9777), (86, 9801),

Gene: Gator_17 Start: 10994, Stop: 11965, Start Num: 10
Candidate Starts for Gator_17:
(Start: 10 @10994 has 133 MA's), (Start: 11 @11003 has 1 MA's), (12, 11063), (20, 11216), (30, 11312), (32, 11387), (34, 11432), (38, 11474), (40, 11492), (55, 11663), (58, 11684), (62, 11705), (65, 11726), (69, 11771), (74, 11825), (78, 11858), (79, 11870), (81, 11897),

Gene: Gavriela_14 Start: 8837, Stop: 9835, Start Num: 9
Candidate Starts for Gavriela_14:
(7, 8798), (Start: 9 @8837 has 139 MA's), (Start: 11 @8861 has 1 MA's), (13, 8927), (14, 8945), (17, 8981), (26, 9152), (33, 9302), (39, 9356), (41, 9368), (46, 9437), (47, 9452), (56, 9533), (75, 9695), (83, 9788), (86, 9812),

Gene: Gemini_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for Gemini_20:

(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: Gex_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Gex_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Glaske_14 Start: 8837, Stop: 9835, Start Num: 9
Candidate Starts for Glaske_14:
(7, 8798), (Start: 9 @8837 has 139 MA's), (Start: 11 @8861 has 1 MA's), (13, 8927), (14, 8945), (17, 8981), (26, 9152), (33, 9302), (39, 9356), (41, 9368), (46, 9437), (47, 9452), (56, 9533), (75, 9695), (83, 9788), (86, 9812),

Gene: Glexan_17 Start: 10995, Stop: 11966, Start Num: 10
Candidate Starts for Glexan_17:
(Start: 10 @10995 has 133 MA's), (Start: 11 @11004 has 1 MA's), (12, 11064), (20, 11217), (30, 11313), (32, 11388), (34, 11433), (38, 11475), (40, 11493), (55, 11664), (58, 11685), (62, 11706), (65, 11727), (69, 11772), (74, 11826), (78, 11859), (79, 11871), (81, 11898),

Gene: Goku_19 Start: 11087, Stop: 12058, Start Num: 10
Candidate Starts for Goku_19:
(Start: 10 @11087 has 133 MA's), (Start: 11 @11096 has 1 MA's), (12, 11156), (20, 11309), (30, 11405), (32, 11480), (34, 11525), (38, 11567), (40, 11585), (55, 11756), (60, 11786), (64, 11810), (65, 11819), (67, 11834), (74, 11918), (81, 11990),

Gene: GoldenSpark_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for GoldenSpark_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: Goldilocks_20 Start: 10789, Stop: 11760, Start Num: 10
Candidate Starts for Goldilocks_20:
(Start: 10 @10789 has 133 MA's), (Start: 11 @10798 has 1 MA's), (12, 10858), (20, 11011), (30, 11107), (32, 11182), (34, 11227), (38, 11269), (40, 11287), (55, 11458), (60, 11488), (64, 11512), (65, 11521), (74, 11620), (77, 11641), (81, 11692),

Gene: Gonephishing_27 Start: 16487, Stop: 17491, Start Num: 9
Candidate Starts for Gonephishing_27:
(Start: 9 @16487 has 139 MA's), (15, 16613), (22, 16763), (24, 16793), (26, 16817), (43, 17042), (45, 17096), (63, 17237), (69, 17294), (73, 17348),

Gene: GooberAzure_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for GooberAzure_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: GreaseLightnin_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for GreaseLightnin_14:

(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: Greep_19 Start: 11165, Stop: 12139, Start Num: 10
Candidate Starts for Greep_19:
(Start: 10 @11165 has 133 MA's), (Start: 11 @11174 has 1 MA's), (12, 11234), (20, 11387), (30, 11483), (32, 11558), (34, 11603), (38, 11645), (40, 11663), (55, 11834), (60, 11864), (64, 11888), (65, 11897), (74, 11996), (77, 12017), (81, 12068),

Gene: HUHilltop_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for HUHilltop_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: Halley_31 Start: 18352, Stop: 19356, Start Num: 9
Candidate Starts for Halley_31:
(Start: 9 @18352 has 139 MA's), (15, 18478), (22, 18628), (24, 18658), (26, 18682), (36, 18853), (43, 18907), (45, 18961), (48, 18982), (49, 18997), (61, 19090), (62, 19093), (63, 19102), (69, 19159), (77, 19231), (80, 19264), (85, 19324),

Gene: HanKaySha_19 Start: 10590, Stop: 11564, Start Num: 10
Candidate Starts for HanKaySha_19:
(Start: 10 @10590 has 133 MA's), (Start: 11 @10599 has 1 MA's), (12, 10659), (20, 10812), (30, 10908), (32, 10983), (34, 11028), (38, 11070), (40, 11088), (55, 11259), (60, 11289), (64, 11313), (65, 11322), (74, 11421), (77, 11442), (81, 11493),

Gene: Hanako_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Hanako_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Hannaconda_26 Start: 14994, Stop: 15998, Start Num: 9
Candidate Starts for Hannaconda_26:
(Start: 9 @14994 has 139 MA's), (15, 15120), (22, 15270), (24, 15300), (26, 15324), (43, 15549), (45, 15603), (63, 15744), (69, 15801), (73, 15855),

Gene: Harella_17 Start: 10995, Stop: 11966, Start Num: 10
Candidate Starts for Harella_17:
(Start: 10 @10995 has 133 MA's), (Start: 11 @11004 has 1 MA's), (12, 11064), (20, 11217), (30, 11313), (32, 11388), (34, 11433), (38, 11475), (40, 11493), (55, 11664), (58, 11685), (62, 11706), (65, 11727), (69, 11772), (74, 11826), (78, 11859), (79, 11871), (81, 11898),

Gene: Henry_19 Start: 11378, Stop: 12349, Start Num: 10
Candidate Starts for Henry_19:
(Start: 10 @11378 has 133 MA's), (Start: 11 @11387 has 1 MA's), (12, 11447), (20, 11600), (30, 11696), (32, 11771), (34, 11816), (38, 11858), (40, 11876), (55, 12047), (58, 12068), (62, 12089), (65, 12110), (69, 12155), (74, 12209), (78, 12242), (79, 12254), (81, 12281),

Gene: Hidrated_31 Start: 19798, Stop: 20802, Start Num: 9
Candidate Starts for Hidrated_31:

(Start: 9 @19798 has 139 MA's), (15, 19924), (22, 20074), (24, 20104), (26, 20128), (36, 20299), (43, 20353), (45, 20407), (48, 20428), (49, 20443), (61, 20536), (62, 20539), (63, 20548), (69, 20605), (77, 20677), (80, 20710), (85, 20770),

Gene: Highbury_19 Start: 10509, Stop: 11483, Start Num: 10
Candidate Starts for Highbury_19:
(Start: 10 @10509 has 133 MA's), (Start: 11 @10518 has 1 MA's), (12, 10578), (20, 10731), (30, 10827), (32, 10902), (34, 10947), (38, 10989), (40, 11007), (55, 11178), (60, 11208), (64, 11232), (65, 11241), (74, 11340), (77, 11361), (81, 11412),

Gene: HokkenD_26 Start: 17922, Stop: 18926, Start Num: 9
Candidate Starts for HokkenD_26:
(Start: 9 @17922 has 139 MA's), (15, 18048), (22, 18198), (24, 18228), (26, 18252), (36, 18423), (43, 18477), (45, 18531), (48, 18552), (49, 18567), (61, 18660), (62, 18663), (63, 18672), (69, 18729), (77, 18801), (80, 18834), (85, 18894),

Gene: Holt_20 Start: 10662, Stop: 11633, Start Num: 10
Candidate Starts for Holt_20:
(Start: 10 @10662 has 133 MA's), (Start: 11 @10671 has 1 MA's), (12, 10731), (20, 10884), (30, 10980), (32, 11055), (34, 11100), (38, 11142), (40, 11160), (55, 11331), (60, 11361), (64, 11385), (65, 11394), (74, 11493), (77, 11514), (81, 11565),

Gene: Hoonter_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for Hoonter_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: Hopey_19 Start: 10600, Stop: 11574, Start Num: 10
Candidate Starts for Hopey_19:
(Start: 10 @10600 has 133 MA's), (Start: 11 @10609 has 1 MA's), (12, 10669), (20, 10822), (30, 10918), (32, 10993), (34, 11038), (38, 11080), (40, 11098), (55, 11269), (60, 11299), (64, 11323), (65, 11332), (74, 11431), (77, 11452), (81, 11503),

Gene: HufflyPuff_17 Start: 10844, Stop: 11815, Start Num: 10
Candidate Starts for HufflyPuff_17:
(Start: 10 @10844 has 133 MA's), (Start: 11 @10853 has 1 MA's), (12, 10913), (20, 11066), (30, 11162), (32, 11237), (34, 11282), (38, 11324), (40, 11342), (55, 11513), (60, 11543), (64, 11567), (65, 11576), (74, 11675), (77, 11696), (81, 11747),

Gene: Hughesyang_30 Start: 18535, Stop: 19539, Start Num: 9
Candidate Starts for Hughesyang_30:
(Start: 9 @18535 has 139 MA's), (15, 18661), (22, 18811), (24, 18841), (26, 18865), (36, 19036), (43, 19090), (45, 19144), (48, 19165), (49, 19180), (61, 19273), (62, 19276), (63, 19285), (69, 19342), (77, 19414), (80, 19447), (85, 19507),

Gene: IHOP_18 Start: 11038, Stop: 12009, Start Num: 10
Candidate Starts for IHOP_18:
(Start: 10 @11038 has 133 MA's), (Start: 11 @11047 has 1 MA's), (12, 11107), (20, 11260), (30, 11356), (32, 11431), (34, 11476), (38, 11518), (40, 11536), (55, 11707), (60, 11737), (64, 11761), (65, 11770), (74, 11869), (77, 11890), (81, 11941),

Gene: Icee_18 Start: 11038, Stop: 12009, Start Num: 10

Candidate Starts for Icee_18:
(Start: 10 @11038 has 133 MA's), (Start: 11 @11047 has 1 MA's), (12, 11107), (20, 11260), (30, 11356), (32, 11431), (34, 11476), (38, 11518), (40, 11536), (55, 11707), (60, 11737), (64, 11761), (65, 11770), (74, 11869), (77, 11890), (81, 11941),

Gene: Impisi_14 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Impisi_14:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Inca_18 Start: 10058, Stop: 11029, Start Num: 10
Candidate Starts for Inca_18:
(Start: 10 @10058 has 133 MA's), (Start: 11 @10067 has 1 MA's), (12, 10127), (20, 10280), (30, 10376), (32, 10451), (34, 10496), (38, 10538), (40, 10556), (55, 10727), (60, 10757), (64, 10781), (65, 10790), (74, 10889), (77, 10910), (81, 10961),

Gene: Jamie19_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Jamie19_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: JeTaime_20 Start: 11640, Stop: 12614, Start Num: 10
Candidate Starts for JeTaime_20:
(Start: 10 @11640 has 133 MA's), (Start: 11 @11649 has 1 MA's), (12, 11709), (20, 11862), (30, 11958), (32, 12033), (34, 12078), (38, 12120), (40, 12138), (55, 12309), (60, 12339), (64, 12363), (65, 12372), (74, 12471), (77, 12492), (81, 12543),

Gene: Jebeks_14 Start: 8819, Stop: 9817, Start Num: 9
Candidate Starts for Jebeks_14:
(1, 8522), (2, 8615), (7, 8780), (Start: 9 @8819 has 139 MA's), (Start: 11 @8843 has 1 MA's), (13, 8909), (14, 8927), (17, 8963), (23, 9098), (26, 9134), (33, 9284), (39, 9338), (41, 9350), (46, 9419), (53, 9494), (56, 9515), (75, 9677), (83, 9770), (86, 9794),

Gene: Journey_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Journey_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: JuicyJay_32 Start: 19186, Stop: 20190, Start Num: 9
Candidate Starts for JuicyJay_32:
(Start: 9 @19186 has 139 MA's), (15, 19312), (22, 19462), (24, 19492), (26, 19516), (36, 19687), (43, 19741), (45, 19795), (48, 19816), (49, 19831), (61, 19924), (62, 19927), (63, 19936), (69, 19993), (77, 20065), (80, 20098), (85, 20158),

Gene: Jung_14 Start: 8862, Stop: 9860, Start Num: 9
Candidate Starts for Jung_14:
(2, 8661), (4, 8712), (Start: 9 @8862 has 139 MA's), (Start: 11 @8886 has 1 MA's), (14, 8970), (17, 9006), (26, 9177), (33, 9327), (39, 9381), (41, 9393), (46, 9462), (47, 9477), (56, 9558), (75, 9720), (83, 9813), (86, 9837),

Gene: Juniormint_14 Start: 8854, Stop: 9852, Start Num: 9
Candidate Starts for Juniormint_14:
(7, 8815), (Start: 9 @8854 has 139 MA's), (Start: 11 @8878 has 1 MA's), (13, 8944), (14, 8962), (17, 8998), (23, 9133), (26, 9169), (33, 9319), (39, 9373), (41, 9385), (46, 9454), (53, 9529), (56, 9550), (75, 9712), (83, 9805), (86, 9829),

Gene: Kalah2_32 Start: 18954, Stop: 19958, Start Num: 9
Candidate Starts for Kalah2_32:
(Start: 9 @18954 has 139 MA's), (15, 19080), (22, 19230), (24, 19260), (26, 19284), (36, 19455), (43, 19509), (45, 19563), (48, 19584), (49, 19599), (61, 19692), (62, 19695), (63, 19704), (69, 19761), (77, 19833), (80, 19866), (85, 19926),

Gene: Kanye_20 Start: 11828, Stop: 12802, Start Num: 10
Candidate Starts for Kanye_20:
(Start: 10 @11828 has 133 MA's), (Start: 11 @11837 has 1 MA's), (12, 11897), (20, 12050), (30, 12146), (32, 12221), (34, 12266), (38, 12308), (40, 12326), (55, 12497), (60, 12527), (64, 12551), (65, 12560), (74, 12659), (77, 12680), (81, 12731),

Gene: Kari_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Kari_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: KashFlow_23 Start: 14560, Stop: 15564, Start Num: 9
Candidate Starts for KashFlow_23:
(Start: 9 @14560 has 139 MA's), (15, 14686), (22, 14836), (24, 14866), (26, 14890), (43, 15115), (45, 15169), (63, 15310), (69, 15367), (73, 15421),

Gene: Kevin1_13 Start: 7898, Stop: 8956, Start Num: 9
Candidate Starts for Kevin1_13:
(6, 7835), (Start: 9 @7898 has 139 MA's), (16, 8054), (30, 8276), (36, 8411), (42, 8468), (44, 8480), (51, 8603), (52, 8609), (54, 8636), (57, 8657), (66, 8720), (70, 8777), (76, 8828), (77, 8831), (81, 8882), (82, 8888), (84, 8921), (85, 8924),

Gene: KilKor_14 Start: 8837, Stop: 9835, Start Num: 9
Candidate Starts for KilKor_14:
(7, 8798), (Start: 9 @8837 has 139 MA's), (Start: 11 @8861 has 1 MA's), (13, 8927), (14, 8945), (17, 8981), (26, 9152), (33, 9302), (39, 9356), (41, 9368), (46, 9437), (47, 9452), (56, 9533), (75, 9695), (83, 9788), (86, 9812),

Gene: Kimchi_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for Kimchi_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: Klein_31 Start: 17932, Stop: 18936, Start Num: 9
Candidate Starts for Klein_31:
(Start: 9 @17932 has 139 MA's), (15, 18058), (22, 18208), (24, 18238), (26, 18262), (36, 18433), (43, 18487), (45, 18541), (48, 18562), (49, 18577), (61, 18670), (62, 18673), (63, 18682), (69, 18739), (77, 18811), (80, 18844), (85, 18904),

Gene: Kostya_19 Start: 11378, Stop: 12349, Start Num: 10
Candidate Starts for Kostya_19:
(Start: 10 @11378 has 133 MA's), (Start: 11 @11387 has 1 MA's), (12, 11447), (20, 11600), (30, 11696), (32, 11771), (34, 11816), (38, 11858), (40, 11876), (55, 12047), (58, 12068), (62, 12089), (65, 12110), (69, 12155), (74, 12209), (78, 12242), (79, 12254), (81, 12281),

Gene: Ksquared_14 Start: 8850, Stop: 9848, Start Num: 9
Candidate Starts for Ksquared_14:
(7, 8811), (Start: 9 @8850 has 139 MA's), (Start: 11 @8874 has 1 MA's), (13, 8940), (14, 8958), (17, 8994), (23, 9129), (26, 9165), (33, 9315), (39, 9369), (41, 9381), (46, 9450), (53, 9525), (56, 9546), (75, 9708), (83, 9801), (86, 9825),

Gene: Langerak_14 Start: 8818, Stop: 9816, Start Num: 9
Candidate Starts for Langerak_14:
(7, 8779), (Start: 9 @8818 has 139 MA's), (Start: 11 @8842 has 1 MA's), (13, 8908), (14, 8926), (17, 8962), (23, 9097), (26, 9133), (33, 9283), (39, 9337), (41, 9349), (46, 9418), (53, 9493), (56, 9514), (75, 9676), (83, 9769), (86, 9793),

Gene: Lilac_20 Start: 10336, Stop: 11310, Start Num: 10
Candidate Starts for Lilac_20:
(Start: 10 @10336 has 133 MA's), (Start: 11 @10345 has 1 MA's), (12, 10405), (20, 10558), (30, 10654), (32, 10729), (34, 10774), (38, 10816), (40, 10834), (55, 11005), (60, 11035), (64, 11059), (65, 11068), (74, 11167), (77, 11188), (81, 11239),

Gene: Lilizi_20 Start: 10547, Stop: 11521, Start Num: 10
Candidate Starts for Lilizi_20:
(Start: 10 @10547 has 133 MA's), (Start: 11 @10556 has 1 MA's), (12, 10616), (20, 10769), (30, 10865), (32, 10940), (34, 10985), (38, 11027), (40, 11045), (55, 11216), (60, 11246), (64, 11270), (65, 11279), (74, 11378), (77, 11399), (81, 11450),

Gene: Lilpickle_17 Start: 10055, Stop: 11029, Start Num: 10
Candidate Starts for Lilpickle_17:
(Start: 10 @10055 has 133 MA's), (Start: 11 @10064 has 1 MA's), (12, 10124), (20, 10277), (30, 10373), (32, 10448), (34, 10493), (38, 10535), (40, 10553), (55, 10724), (60, 10754), (64, 10778), (65, 10787), (74, 10886), (77, 10907), (81, 10958),

Gene: LittleE_29 Start: 17699, Stop: 18703, Start Num: 9
Candidate Starts for LittleE_29:
(Start: 9 @17699 has 139 MA's), (15, 17825), (22, 17975), (24, 18005), (26, 18029), (43, 18254), (45, 18308), (63, 18449), (69, 18506), (73, 18560),

Gene: Livelaughbron_18 Start: 10976, Stop: 11947, Start Num: 10
Candidate Starts for Livelaughbron_18:
(Start: 10 @10976 has 133 MA's), (Start: 11 @10985 has 1 MA's), (12, 11045), (20, 11198), (30, 11294), (32, 11369), (34, 11414), (38, 11456), (40, 11474), (55, 11645), (60, 11675), (64, 11699), (65, 11708), (74, 11807), (77, 11828), (81, 11879),

Gene: Lucky2013_29 Start: 16442, Stop: 17446, Start Num: 9
Candidate Starts for Lucky2013_29:
(Start: 9 @16442 has 139 MA's), (15, 16568), (22, 16718), (24, 16748), (26, 16772), (43, 16997), (45, 17051), (63, 17192), (69, 17249), (73, 17303),

Gene: MISSy_18 Start: 10888, Stop: 11859, Start Num: 10

Candidate Starts for MISSy_18:
(Start: 10 @10888 has 133 MA's), (Start: 11 @10897 has 1 MA's), (12, 10957), (20, 11110), (30, 11206), (32, 11281), (34, 11326), (38, 11368), (40, 11386), (55, 11557), (60, 11587), (64, 11611), (65, 11620), (74, 11719), (77, 11740), (81, 11791),

Gene: MPhalcon_18 Start: 10888, Stop: 11859, Start Num: 10
Candidate Starts for MPhalcon_18:
(Start: 10 @10888 has 133 MA's), (Start: 11 @10897 has 1 MA's), (12, 10957), (20, 11110), (30, 11206), (32, 11281), (34, 11326), (38, 11368), (40, 11386), (55, 11557), (60, 11587), (64, 11611), (65, 11620), (74, 11719), (77, 11740), (81, 11791),

Gene: MadamMonkfish_18 Start: 10266, Stop: 11240, Start Num: 10
Candidate Starts for MadamMonkfish_18:
(Start: 10 @10266 has 133 MA's), (Start: 11 @10275 has 1 MA's), (12, 10335), (20, 10488), (30, 10584), (32, 10659), (34, 10704), (38, 10746), (40, 10764), (55, 10935), (60, 10965), (64, 10989), (65, 10998), (74, 11097), (77, 11118), (81, 11169),

Gene: Magsby_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Magsby_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Majeke_14 Start: 8818, Stop: 9816, Start Num: 9
Candidate Starts for Majeke_14:
(7, 8779), (Start: 9 @8818 has 139 MA's), (Start: 11 @8842 has 1 MA's), (13, 8908), (14, 8926), (17, 8962), (23, 9097), (26, 9133), (33, 9283), (39, 9337), (41, 9349), (46, 9418), (53, 9493), (56, 9514), (75, 9676), (83, 9769), (86, 9793),

Gene: Malithi_14 Start: 8874, Stop: 9872, Start Num: 9
Candidate Starts for Malithi_14:
(2, 8673), (4, 8724), (Start: 9 @8874 has 139 MA's), (Start: 11 @8898 has 1 MA's), (13, 8964), (14, 8982), (23, 9153), (26, 9189), (33, 9339), (39, 9393), (41, 9405), (46, 9474), (53, 9549), (56, 9570), (75, 9732), (83, 9825), (86, 9849),

Gene: Manda_19 Start: 11348, Stop: 12319, Start Num: 10
Candidate Starts for Manda_19:
(Start: 10 @11348 has 133 MA's), (Start: 11 @11357 has 1 MA's), (12, 11417), (20, 11570), (30, 11666), (32, 11741), (34, 11786), (38, 11828), (40, 11846), (55, 12017), (60, 12047), (64, 12071), (65, 12080), (74, 12179), (77, 12200), (81, 12251),

Gene: Mangethe_14 Start: 8818, Stop: 9816, Start Num: 9
Candidate Starts for Mangethe_14:
(7, 8779), (Start: 9 @8818 has 139 MA's), (Start: 11 @8842 has 1 MA's), (13, 8908), (14, 8926), (17, 8962), (23, 9097), (26, 9133), (33, 9283), (39, 9337), (41, 9349), (46, 9418), (53, 9493), (56, 9514), (75, 9676), (83, 9769), (86, 9793),

Gene: Marleymoo_34 Start: 20343, Stop: 21347, Start Num: 9
Candidate Starts for Marleymoo_34:
(Start: 9 @20343 has 139 MA's), (15, 20469), (22, 20619), (24, 20649), (26, 20673), (36, 20844), (43, 20898), (45, 20952), (48, 20973), (49, 20988), (61, 21081), (62, 21084), (63, 21093), (69, 21150), (77, 21222), (80, 21255), (85, 21315),

Gene: Marshmallow_19 Start: 11378, Stop: 12349, Start Num: 10
Candidate Starts for Marshmallow_19:
(Start: 10 @11378 has 133 MA's), (Start: 11 @11387 has 1 MA's), (12, 11447), (20, 11600), (30, 11696), (32, 11771), (34, 11816), (38, 11858), (40, 11876), (55, 12047), (60, 12077), (64, 12101), (65, 12110), (74, 12209), (77, 12230), (81, 12281),

Gene: Maxxinista_19 Start: 10315, Stop: 11289, Start Num: 10
Candidate Starts for Maxxinista_19:
(Start: 10 @10315 has 133 MA's), (Start: 11 @10324 has 1 MA's), (12, 10384), (20, 10537), (30, 10633), (32, 10708), (34, 10753), (38, 10795), (40, 10813), (55, 10984), (60, 11014), (64, 11038), (65, 11047), (74, 11146), (77, 11167), (81, 11218),

Gene: Megiddo_14 Start: 8837, Stop: 9835, Start Num: 9
Candidate Starts for Megiddo_14:
(7, 8798), (Start: 9 @8837 has 139 MA's), (Start: 11 @8861 has 1 MA's), (13, 8927), (14, 8945), (17, 8981), (26, 9152), (33, 9302), (39, 9356), (41, 9368), (46, 9437), (47, 9452), (56, 9533), (75, 9695), (83, 9788), (86, 9812),

Gene: Melville_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Melville_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: MiaZeal_29 Start: 16133, Stop: 17137, Start Num: 9
Candidate Starts for MiaZeal_29:
(Start: 9 @16133 has 139 MA's), (15, 16259), (22, 16409), (24, 16439), (26, 16463), (43, 16688), (45, 16742), (63, 16883), (69, 16940), (73, 16994),

Gene: MichelleMyBell_13 Start: 7917, Stop: 8975, Start Num: 9
Candidate Starts for MichelleMyBell_13:
(6, 7854), (Start: 9 @7917 has 139 MA's), (16, 8073), (30, 8295), (36, 8430), (42, 8487), (44, 8499), (51, 8622), (52, 8628), (54, 8655), (57, 8676), (60, 8691), (66, 8739), (70, 8796), (76, 8847), (77, 8850), (81, 8901), (82, 8907), (84, 8940), (85, 8943),

Gene: Mindy_19 Start: 11157, Stop: 12128, Start Num: 10
Candidate Starts for Mindy_19:
(Start: 10 @11157 has 133 MA's), (Start: 11 @11166 has 1 MA's), (12, 11226), (20, 11379), (30, 11475), (32, 11550), (34, 11595), (38, 11637), (40, 11655), (55, 11826), (58, 11847), (62, 11868), (65, 11889), (69, 11934), (74, 11988), (78, 12021), (79, 12033), (81, 12060),

Gene: Minerva_31 Start: 18417, Stop: 19421, Start Num: 9
Candidate Starts for Minerva_31:
(Start: 9 @18417 has 139 MA's), (15, 18543), (22, 18693), (24, 18723), (26, 18747), (36, 18918), (43, 18972), (45, 19026), (48, 19047), (49, 19062), (61, 19155), (62, 19158), (63, 19167), (69, 19224), (77, 19296), (80, 19329), (85, 19389),

Gene: Miniwave_19 Start: 11576, Stop: 12547, Start Num: 10
Candidate Starts for Miniwave_19:
(Start: 10 @11576 has 133 MA's), (Start: 11 @11585 has 1 MA's), (12, 11645), (20, 11798), (30, 11894), (32, 11969), (34, 12014), (38, 12056), (40, 12074), (55, 12245), (58, 12266), (62, 12287), (65, 12308), (69, 12353), (74, 12407), (78, 12440), (79, 12452), (81, 12479),

Gene: Misfit_18 Start: 10932, Stop: 11906, Start Num: 10
Candidate Starts for Misfit_18:
(Start: 10 @10932 has 133 MA's), (Start: 11 @10941 has 1 MA's), (12, 11001), (20, 11154), (30, 11250), (32, 11325), (34, 11370), (38, 11412), (40, 11430), (55, 11601), (60, 11631), (64, 11655), (65, 11664), (74, 11763), (77, 11784), (81, 11835),

Gene: Moldemort_19 Start: 10590, Stop: 11564, Start Num: 10
Candidate Starts for Moldemort_19:
(Start: 10 @10590 has 133 MA's), (Start: 11 @10599 has 1 MA's), (12, 10659), (20, 10812), (30, 10908), (32, 10983), (34, 11028), (38, 11070), (40, 11088), (55, 11259), (60, 11289), (64, 11313), (65, 11322), (74, 11421), (77, 11442), (81, 11493),

Gene: MollyToe_19 Start: 11550, Stop: 12521, Start Num: 10
Candidate Starts for MollyToe_19:
(Start: 10 @11550 has 133 MA's), (Start: 11 @11559 has 1 MA's), (12, 11619), (20, 11772), (30, 11868), (32, 11943), (34, 11988), (38, 12030), (40, 12048), (55, 12219), (60, 12249), (64, 12273), (65, 12282), (74, 12381), (77, 12402), (81, 12453),

Gene: Mosby_18 Start: 10886, Stop: 11857, Start Num: 10
Candidate Starts for Mosby_18:
(Start: 10 @10886 has 133 MA's), (Start: 11 @10895 has 1 MA's), (12, 10955), (20, 11108), (30, 11204), (32, 11279), (34, 11324), (38, 11366), (40, 11384), (55, 11555), (60, 11585), (64, 11609), (65, 11618), (74, 11717), (77, 11738), (81, 11789),

Gene: Murica_17 Start: 10844, Stop: 11815, Start Num: 10
Candidate Starts for Murica_17:
(Start: 10 @10844 has 133 MA's), (Start: 11 @10853 has 1 MA's), (12, 10913), (20, 11066), (30, 11162), (32, 11237), (34, 11282), (38, 11324), (40, 11342), (55, 11513), (60, 11543), (64, 11567), (65, 11576), (74, 11675), (77, 11696), (81, 11747),

Gene: Murphy_18 Start: 10307, Stop: 11281, Start Num: 10
Candidate Starts for Murphy_18:
(Start: 10 @10307 has 133 MA's), (Start: 11 @10316 has 1 MA's), (12, 10376), (20, 10529), (30, 10625), (32, 10700), (34, 10745), (38, 10787), (40, 10805), (55, 10976), (60, 11006), (64, 11030), (65, 11039), (74, 11138), (77, 11159), (81, 11210),

Gene: Myrale_19 Start: 11249, Stop: 12220, Start Num: 10
Candidate Starts for Myrale_19:
(Start: 10 @11249 has 133 MA's), (Start: 11 @11258 has 1 MA's), (12, 11318), (20, 11471), (30, 11567), (32, 11642), (34, 11687), (38, 11729), (40, 11747), (55, 11918), (58, 11939), (62, 11960), (65, 11981), (69, 12026), (74, 12080), (78, 12113), (79, 12125), (81, 12152),

Gene: Nala_18 Start: 10886, Stop: 11857, Start Num: 10
Candidate Starts for Nala_18:
(Start: 10 @10886 has 133 MA's), (Start: 11 @10895 has 1 MA's), (12, 10955), (20, 11108), (30, 11204), (32, 11279), (34, 11324), (38, 11366), (40, 11384), (55, 11555), (60, 11585), (64, 11609), (65, 11618), (74, 11717), (77, 11738), (81, 11789),

Gene: Nazo_13 Start: 8552, Stop: 9550, Start Num: 9
Candidate Starts for Nazo_13:
(8, 8513), (Start: 9 @8552 has 139 MA's), (Start: 11 @8576 has 1 MA's), (12, 8636), (14, 8660), (23, 8831), (26, 8867), (28, 8879), (29, 8900), (31, 8954), (35, 9029), (39, 9071), (41, 9083), (56, 9248), (59, 9266), (64, 9293), (71, 9374), (77, 9425), (81, 9476), (83, 9503),

Gene: Necropolis_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Necropolis_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: Nekros_29 Start: 18379, Stop: 19383, Start Num: 9
Candidate Starts for Nekros_29:
(Start: 9 @18379 has 139 MA's), (15, 18505), (22, 18655), (24, 18685), (26, 18709), (43, 18934), (45, 18988), (63, 19129), (69, 19186), (73, 19240),

Gene: NelitzaMV_19 Start: 11448, Stop: 12419, Start Num: 10
Candidate Starts for NelitzaMV_19:
(Start: 10 @11448 has 133 MA's), (Start: 11 @11457 has 1 MA's), (12, 11517), (20, 11670), (30, 11766), (32, 11841), (34, 11886), (38, 11928), (40, 11946), (55, 12117), (58, 12138), (62, 12159), (65, 12180), (69, 12225), (74, 12279), (78, 12312), (79, 12324), (81, 12351),

Gene: Nenae_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Nenae_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Nibley_24 Start: 15061, Stop: 16065, Start Num: 9
Candidate Starts for Nibley_24:
(Start: 9 @15061 has 139 MA's), (15, 15187), (22, 15337), (24, 15367), (26, 15391), (43, 15616), (45, 15670), (63, 15811), (69, 15868), (73, 15922),

Gene: NihilNomen_30 Start: 18414, Stop: 19418, Start Num: 9
Candidate Starts for NihilNomen_30:
(Start: 9 @18414 has 139 MA's), (15, 18540), (22, 18690), (24, 18720), (26, 18744), (36, 18915), (43, 18969), (45, 19023), (48, 19044), (49, 19059), (61, 19152), (62, 19155), (63, 19164), (69, 19221), (77, 19293), (80, 19326), (85, 19386),

Gene: Nimrod_18 Start: 11087, Stop: 12061, Start Num: 10
Candidate Starts for Nimrod_18:
(Start: 10 @11087 has 133 MA's), (Start: 11 @11096 has 1 MA's), (12, 11156), (20, 11309), (30, 11405), (32, 11480), (34, 11525), (38, 11567), (40, 11585), (55, 11756), (60, 11786), (64, 11810), (65, 11819), (74, 11918), (77, 11939), (81, 11990),

Gene: NoSleep_19 Start: 10587, Stop: 11561, Start Num: 10
Candidate Starts for NoSleep_19:
(Start: 10 @10587 has 133 MA's), (Start: 11 @10596 has 1 MA's), (12, 10656), (20, 10809), (30, 10905), (32, 10980), (34, 11025), (38, 11067), (40, 11085), (55, 11256), (60, 11286), (64, 11310), (65, 11319), (74, 11418), (77, 11439), (81, 11490),

Gene: NonchalantPear_18 Start: 10540, Stop: 11514, Start Num: 10
Candidate Starts for NonchalantPear_18:
(Start: 10 @10540 has 133 MA's), (Start: 11 @10549 has 1 MA's), (12, 10609), (20, 10762), (30, 10858), (32, 10933), (34, 10978), (38, 11020), (40, 11038), (55, 11209), (60, 11239), (64, 11263), (65, 11272), (74, 11371), (77, 11392), (81, 11443),

Gene: Odette_31 Start: 17895, Stop: 18899, Start Num: 9
Candidate Starts for Odette_31:
(Start: 9 @17895 has 139 MA's), (15, 18021), (22, 18171), (24, 18201), (26, 18225), (36, 18396), (43, 18450), (45, 18504), (48, 18525), (49, 18540), (61, 18633), (62, 18636), (63, 18645), (69, 18702), (77, 18774), (80, 18807), (85, 18867),

Gene: Omega_31 Start: 20059, Stop: 21063, Start Num: 9
Candidate Starts for Omega_31:
(Start: 9 @20059 has 139 MA's), (15, 20185), (22, 20335), (24, 20365), (26, 20389), (43, 20614), (45, 20668), (63, 20809), (69, 20866), (73, 20920),

Gene: Optimus_29 Start: 17992, Stop: 18996, Start Num: 9
Candidate Starts for Optimus_29:
(Start: 9 @17992 has 139 MA's), (15, 18118), (22, 18268), (24, 18298), (26, 18322), (36, 18493), (43, 18547), (45, 18601), (48, 18622), (49, 18637), (61, 18730), (62, 18733), (63, 18742), (69, 18799), (77, 18871), (80, 18904), (85, 18964),

Gene: OrionPax_19 Start: 10590, Stop: 11564, Start Num: 10
Candidate Starts for OrionPax_19:
(Start: 10 @10590 has 133 MA's), (Start: 11 @10599 has 1 MA's), (12, 10659), (20, 10812), (30, 10908), (32, 10983), (34, 11028), (38, 11070), (40, 11088), (55, 11259), (60, 11289), (64, 11313), (65, 11322), (74, 11421), (77, 11442), (81, 11493),

Gene: PaddyBaddy_19 Start: 10600, Stop: 11574, Start Num: 10
Candidate Starts for PaddyBaddy_19:
(Start: 10 @10600 has 133 MA's), (Start: 11 @10609 has 1 MA's), (12, 10669), (20, 10822), (30, 10918), (32, 10993), (34, 11038), (38, 11080), (40, 11098), (55, 11269), (60, 11299), (64, 11323), (65, 11332), (74, 11431), (77, 11452), (81, 11503),

Gene: Palpatine_18 Start: 10892, Stop: 11854, Start Num: 11
Candidate Starts for Palpatine_18:
(Start: 10 @10883 has 133 MA's), (Start: 11 @10892 has 1 MA's), (12, 10952), (20, 11105), (30, 11201), (32, 11276), (34, 11321), (38, 11363), (40, 11381), (55, 11552), (60, 11582), (64, 11606), (65, 11615), (74, 11714), (77, 11735), (81, 11786),

Gene: Panchino_13 Start: 7899, Stop: 8957, Start Num: 9
Candidate Starts for Panchino_13:
(6, 7836), (Start: 9 @7899 has 139 MA's), (16, 8055), (27, 8247), (30, 8277), (36, 8412), (42, 8469), (44, 8481), (51, 8604), (52, 8610), (55, 8640), (57, 8658), (60, 8673), (66, 8721), (68, 8733), (70, 8778), (77, 8832), (82, 8889), (84, 8922), (85, 8925),

Gene: Paperbeatsrock_20 Start: 11822, Stop: 12796, Start Num: 10
Candidate Starts for Paperbeatsrock_20:
(Start: 10 @11822 has 133 MA's), (Start: 11 @11831 has 1 MA's), (12, 11891), (20, 12044), (30, 12140), (32, 12215), (34, 12260), (38, 12302), (40, 12320), (55, 12491), (60, 12521), (64, 12545), (65, 12554), (74, 12653), (77, 12674), (81, 12725),

Gene: Parmesanjohn_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Parmesanjohn_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Pat3_18 Start: 10090, Stop: 11061, Start Num: 10
Candidate Starts for Pat3_18:
(Start: 10 @10090 has 133 MA's), (Start: 11 @10099 has 1 MA's), (12, 10159), (20, 10312), (30, 10408), (32, 10483), (34, 10528), (38, 10570), (40, 10588), (55, 10759), (60, 10789), (64, 10813), (65, 10822), (67, 10837), (74, 10921), (81, 10993),

Gene: PeanutPie_14 Start: 8841, Stop: 9839, Start Num: 9
Candidate Starts for PeanutPie_14:
(7, 8802), (Start: 9 @8841 has 139 MA's), (Start: 11 @8865 has 1 MA's), (13, 8931), (14, 8949), (23, 9120), (26, 9156), (33, 9306), (39, 9360), (41, 9372), (46, 9441), (53, 9516), (56, 9537), (75, 9699), (83, 9792), (86, 9816),

Gene: Petra64142_19 Start: 11303, Stop: 12277, Start Num: 10
Candidate Starts for Petra64142_19:
(Start: 10 @11303 has 133 MA's), (Start: 11 @11312 has 1 MA's), (12, 11372), (20, 11525), (30, 11621), (32, 11696), (34, 11741), (38, 11783), (40, 11801), (55, 11972), (60, 12002), (64, 12026), (65, 12035), (74, 12134), (77, 12155), (81, 12206),

Gene: Phaja_18 Start: 11038, Stop: 12009, Start Num: 10
Candidate Starts for Phaja_18:
(Start: 10 @11038 has 133 MA's), (Start: 11 @11047 has 1 MA's), (12, 11107), (20, 11260), (30, 11356), (32, 11431), (34, 11476), (38, 11518), (40, 11536), (55, 11707), (60, 11737), (64, 11761), (65, 11770), (74, 11869), (77, 11890), (81, 11941),

Gene: Phalm_14 Start: 8837, Stop: 9835, Start Num: 9
Candidate Starts for Phalm_14:
(7, 8798), (Start: 9 @8837 has 139 MA's), (Start: 11 @8861 has 1 MA's), (13, 8927), (14, 8945), (17, 8981), (26, 9152), (33, 9302), (39, 9356), (41, 9368), (46, 9437), (47, 9452), (56, 9533), (75, 9695), (83, 9788), (86, 9812),

Gene: PhancyPhin_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for PhancyPhin_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Pharsalus_19 Start: 11622, Stop: 12596, Start Num: 10
Candidate Starts for Pharsalus_19:
(Start: 10 @11622 has 133 MA's), (Start: 11 @11631 has 1 MA's), (12, 11691), (20, 11844), (30, 11940), (32, 12015), (34, 12060), (38, 12102), (40, 12120), (55, 12291), (60, 12321), (64, 12345), (65, 12354), (74, 12453), (77, 12474), (81, 12525),

Gene: PhatBacter_18 Start: 10888, Stop: 11859, Start Num: 10
Candidate Starts for PhatBacter_18:
(Start: 10 @10888 has 133 MA's), (Start: 11 @10897 has 1 MA's), (12, 10957), (20, 11110), (30, 11206), (32, 11281), (34, 11326), (38, 11368), (40, 11386), (55, 11557), (60, 11587), (64, 11611), (65, 11620), (74, 11719), (77, 11740), (81, 11791),

Gene: Phaux_17 Start: 10886, Stop: 11857, Start Num: 10
Candidate Starts for Phaux_17:
(Start: 10 @10886 has 133 MA's), (Start: 11 @10895 has 1 MA's), (12, 10955), (20, 11108), (30, 11204), (32, 11279), (34, 11324), (38, 11366), (40, 11384), (55, 11555), (60, 11585), (64, 11609), (65, 11618), (74, 11717), (77, 11738), (81, 11789),

Gene: Phayonce_13 Start: 8501, Stop: 9499, Start Num: 9
Candidate Starts for Phayonce_13:
(Start: 9 @8501 has 139 MA's), (Start: 11 @8525 has 1 MA's), (14, 8609), (17, 8645), (18, 8669), (19, 8732), (23, 8780), (25, 8813), (26, 8816), (33, 8966), (37, 9002), (39, 9020), (41, 9032), (46, 9101), (47, 9116), (56, 9197), (64, 9242), (75, 9359), (83, 9452), (87, 9479),

Gene: Phegasus_14 Start: 8818, Stop: 9816, Start Num: 9
Candidate Starts for Phegasus_14:
(7, 8779), (Start: 9 @8818 has 139 MA's), (Start: 11 @8842 has 1 MA's), (13, 8908), (14, 8926), (17, 8962), (23, 9097), (26, 9133), (33, 9283), (39, 9337), (41, 9349), (46, 9418), (53, 9493), (56, 9514), (75, 9676), (83, 9769), (86, 9793),

Gene: Philonius_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Philonius_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Phineas_14 Start: 8822, Stop: 9820, Start Num: 9
Candidate Starts for Phineas_14:
(7, 8783), (Start: 9 @8822 has 139 MA's), (Start: 11 @8846 has 1 MA's), (13, 8912), (14, 8930), (17, 8966), (23, 9101), (26, 9137), (33, 9287), (39, 9341), (41, 9353), (46, 9422), (53, 9497), (56, 9518), (75, 9680), (83, 9773), (86, 9797),

Gene: Phloss_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Phloss_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Phoebus_31 Start: 18639, Stop: 19643, Start Num: 9
Candidate Starts for Phoebus_31:
(Start: 9 @18639 has 139 MA's), (15, 18765), (22, 18915), (24, 18945), (26, 18969), (36, 19140), (43, 19194), (45, 19248), (48, 19269), (49, 19284), (61, 19377), (62, 19380), (63, 19389), (69, 19446), (77, 19518), (80, 19551), (85, 19611),

Gene: Phrann_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Phrann_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (42, 8493), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Phrux_18 Start: 10586, Stop: 11560, Start Num: 10
Candidate Starts for Phrux_18:
(Start: 10 @10586 has 133 MA's), (Start: 11 @10595 has 1 MA's), (12, 10655), (20, 10808), (30, 10904), (32, 10979), (34, 11024), (38, 11066), (40, 11084), (55, 11255), (60, 11285), (64, 11309), (65, 11318), (74, 11417), (77, 11438), (81, 11489),

Gene: Pipsqueaks_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Pipsqueaks_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807),

(77, 8810), (84, 8900),

Gene: Policronamos_18 Start: 10888, Stop: 11859, Start Num: 10
Candidate Starts for Policronamos_18:
(Start: 10 @10888 has 133 MA's), (Start: 11 @10897 has 1 MA's), (12, 10957), (20, 11110), (30, 11206), (32, 11281), (34, 11326), (38, 11368), (40, 11386), (55, 11557), (60, 11587), (64, 11611), (65, 11620), (74, 11719), (77, 11740), (81, 11791),

Gene: Polkaroo_14 Start: 8850, Stop: 9848, Start Num: 9
Candidate Starts for Polkaroo_14:
(7, 8811), (Start: 9 @8850 has 139 MA's), (Start: 11 @8874 has 1 MA's), (13, 8940), (14, 8958), (17, 8994), (23, 9129), (26, 9165), (33, 9315), (39, 9369), (41, 9381), (46, 9450), (53, 9525), (56, 9546), (75, 9708), (83, 9801), (86, 9825),

Gene: Porcelain_28 Start: 16133, Stop: 17137, Start Num: 9
Candidate Starts for Porcelain_28:
(Start: 9 @16133 has 139 MA's), (15, 16259), (22, 16409), (24, 16439), (26, 16463), (43, 16688), (45, 16742), (63, 16883), (69, 16940), (73, 16994),

Gene: Porky_17 Start: 10160, Stop: 11134, Start Num: 10
Candidate Starts for Porky_17:
(Start: 10 @10160 has 133 MA's), (Start: 11 @10169 has 1 MA's), (12, 10229), (20, 10382), (30, 10478), (32, 10553), (34, 10598), (38, 10640), (40, 10658), (55, 10829), (60, 10859), (64, 10883), (65, 10892), (74, 10991), (77, 11012), (81, 11063),

Gene: Pound_31 Start: 18731, Stop: 19735, Start Num: 9
Candidate Starts for Pound_31:
(Start: 9 @18731 has 139 MA's), (15, 18857), (22, 19007), (24, 19037), (26, 19061), (36, 19232), (43, 19286), (45, 19340), (48, 19361), (49, 19376), (61, 19469), (62, 19472), (63, 19481), (69, 19538), (77, 19610), (80, 19643), (85, 19703),

Gene: Ptowny_18 Start: 10227, Stop: 11201, Start Num: 10
Candidate Starts for Ptowny_18:
(Start: 10 @10227 has 133 MA's), (Start: 11 @10236 has 1 MA's), (12, 10296), (20, 10449), (30, 10545), (32, 10620), (34, 10665), (38, 10707), (40, 10725), (55, 10896), (60, 10926), (64, 10950), (65, 10959), (74, 11058), (77, 11079), (81, 11130),

Gene: Pumpkin_19 Start: 10403, Stop: 11377, Start Num: 10
Candidate Starts for Pumpkin_19:
(Start: 10 @10403 has 133 MA's), (Start: 11 @10412 has 1 MA's), (12, 10472), (20, 10625), (30, 10721), (32, 10796), (34, 10841), (38, 10883), (40, 10901), (55, 11072), (60, 11102), (64, 11126), (65, 11135), (74, 11234), (77, 11255), (81, 11306),

Gene: Purgamenstris_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Purgamenstris_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Purky_13 Start: 8511, Stop: 9509, Start Num: 9
Candidate Starts for Purky_13:
(5, 8436), (7, 8472), (Start: 9 @8511 has 139 MA's), (Start: 11 @8535 has 1 MA's), (14, 8619), (17, 8655), (23, 8790), (26, 8826), (33, 8976), (39, 9030), (41, 9042), (46, 9111), (47, 9126), (56, 9207), (59,

9225), (64, 9252), (71, 9333), (75, 9369), (77, 9384), (83, 9462),

Gene: Pygmy_13 Start: 8552, Stop: 9550, Start Num: 9
Candidate Starts for Pygmy_13:
(2, 8351), (4, 8402), (7, 8513), (Start: 9 @8552 has 139 MA's), (Start: 11 @8576 has 1 MA's), (13, 8642), (14, 8660), (17, 8696), (23, 8831), (26, 8867), (33, 9017), (39, 9071), (41, 9083), (46, 9152), (53, 9227), (56, 9248), (75, 9410), (83, 9503), (86, 9527),

Gene: Quallification_20 Start: 11585, Stop: 12556, Start Num: 10
Candidate Starts for Quallification_20:
(Start: 10 @11585 has 133 MA's), (Start: 11 @11594 has 1 MA's), (12, 11654), (20, 11807), (30, 11903), (32, 11978), (34, 12023), (38, 12065), (40, 12083), (55, 12254), (58, 12275), (62, 12296), (65, 12317), (69, 12362), (74, 12416), (78, 12449), (79, 12461), (81, 12488),

Gene: Rakim_20 Start: 11492, Stop: 12463, Start Num: 10
Candidate Starts for Rakim_20:
(Start: 10 @11492 has 133 MA's), (Start: 11 @11501 has 1 MA's), (12, 11561), (20, 11714), (30, 11810), (32, 11885), (34, 11930), (38, 11972), (40, 11990), (55, 12161), (58, 12182), (62, 12203), (65, 12224), (69, 12269), (74, 12323), (78, 12356), (79, 12368), (81, 12395),

Gene: Raymond7_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Raymond7_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Rearden_26 Start: 15118, Stop: 16122, Start Num: 9
Candidate Starts for Rearden_26:
(Start: 9 @15118 has 139 MA's), (15, 15244), (22, 15394), (24, 15424), (26, 15448), (43, 15673), (45, 15727), (63, 15868), (69, 15925), (73, 15979),

Gene: Rebel_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Rebel_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Redi_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Redi_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Redno2_30 Start: 18123, Stop: 19127, Start Num: 9
Candidate Starts for Redno2_30:
(Start: 9 @18123 has 139 MA's), (15, 18249), (22, 18399), (24, 18429), (26, 18453), (36, 18624), (43, 18678), (45, 18732), (48, 18753), (49, 18768), (61, 18861), (62, 18864), (63, 18873), (69, 18930), (77, 19002), (80, 19035), (85, 19095),

Gene: Rimmer_18 Start: 10945, Stop: 11916, Start Num: 10
Candidate Starts for Rimmer_18:
(Start: 10 @10945 has 133 MA's), (Start: 11 @10954 has 1 MA's), (12, 11014), (20, 11167), (30, 11263), (32, 11338), (34, 11383), (38, 11425), (40, 11443), (55, 11614), (60, 11644), (64, 11668), (65,

11677), (74, 11776), (77, 11797), (81, 11848),

Gene: RiverMonster_18 Start: 10600, Stop: 11574, Start Num: 10
Candidate Starts for RiverMonster_18:
(Start: 10 @10600 has 133 MA's), (Start: 11 @10609 has 1 MA's), (12, 10669), (20, 10822), (30, 10918), (32, 10993), (34, 11038), (38, 11080), (40, 11098), (55, 11269), (60, 11299), (64, 11323), (65, 11332), (74, 11431), (77, 11452), (81, 11503),

Gene: Rubeelu_13 Start: 7898, Stop: 8956, Start Num: 9
Candidate Starts for Rubeelu_13:
(6, 7835), (Start: 9 @7898 has 139 MA's), (16, 8054), (30, 8276), (36, 8411), (42, 8468), (44, 8480), (51, 8603), (52, 8609), (54, 8636), (57, 8657), (66, 8720), (70, 8777), (76, 8828), (77, 8831), (81, 8882), (82, 8888), (84, 8921), (85, 8924),

Gene: Saints25_19 Start: 10509, Stop: 11483, Start Num: 10
Candidate Starts for Saints25_19:
(Start: 10 @10509 has 133 MA's), (Start: 11 @10518 has 1 MA's), (12, 10578), (20, 10731), (30, 10827), (32, 10902), (34, 10947), (38, 10989), (40, 11007), (55, 11178), (60, 11208), (64, 11232), (65, 11241), (74, 11340), (77, 11361), (81, 11412),

Gene: Sassay_18 Start: 10886, Stop: 11857, Start Num: 10
Candidate Starts for Sassay_18:
(Start: 10 @10886 has 133 MA's), (Start: 11 @10895 has 1 MA's), (12, 10955), (20, 11108), (30, 11204), (32, 11279), (34, 11324), (38, 11366), (40, 11384), (55, 11555), (60, 11585), (64, 11609), (65, 11618), (74, 11717), (77, 11738), (81, 11789),

Gene: Schatzie_29 Start: 17664, Stop: 18668, Start Num: 9
Candidate Starts for Schatzie_29:
(Start: 9 @17664 has 139 MA's), (15, 17790), (22, 17940), (24, 17970), (26, 17994), (36, 18165), (43, 18219), (45, 18273), (48, 18294), (49, 18309), (61, 18402), (62, 18405), (63, 18414), (69, 18471), (77, 18543), (80, 18576), (85, 18636),

Gene: Schnauzer_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Schnauzer_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Scitech_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Scitech_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Shaboozey_23 Start: 14544, Stop: 15548, Start Num: 9
Candidate Starts for Shaboozey_23:
(Start: 9 @14544 has 139 MA's), (15, 14670), (22, 14820), (24, 14850), (26, 14874), (43, 15099), (45, 15153), (63, 15294), (69, 15351), (73, 15405),

Gene: ShamWow_19 Start: 11379, Stop: 12350, Start Num: 10
Candidate Starts for ShamWow_19:
(Start: 10 @11379 has 133 MA's), (Start: 11 @11388 has 1 MA's), (12, 11448), (20, 11601), (30, 11697), (32, 11772), (34, 11817), (38, 11859), (40, 11877), (55, 12048), (58, 12069), (62, 12090), (65,

12111), (69, 12156), (74, 12210), (78, 12243), (79, 12255), (81, 12282),

Gene: ShereKhan_20 Start: 11828, Stop: 12802, Start Num: 10
Candidate Starts for ShereKhan_20:
(Start: 10 @11828 has 133 MA's), (Start: 11 @11837 has 1 MA's), (12, 11897), (20, 12050), (30, 12146), (32, 12221), (34, 12266), (38, 12308), (40, 12326), (55, 12497), (60, 12527), (64, 12551), (65, 12560), (74, 12659), (77, 12680), (81, 12731),

Gene: Shipwreck_13 Start: 8530, Stop: 9528, Start Num: 9
Candidate Starts for Shipwreck_13:
(2, 8329), (4, 8380), (7, 8491), (Start: 9 @8530 has 139 MA's), (Start: 11 @8554 has 1 MA's), (13, 8620), (14, 8638), (23, 8809), (26, 8845), (33, 8995), (39, 9049), (41, 9061), (46, 9130), (53, 9205), (56, 9226), (75, 9388), (83, 9481), (86, 9505),

Gene: ShrimpFriedEgg_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for ShrimpFriedEgg_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Shweta_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Shweta_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Silvafighter_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Silvafighter_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Silvy_13 Start: 7878, Stop: 8936, Start Num: 9
Candidate Starts for Silvy_13:
(6, 7815), (Start: 9 @7878 has 139 MA's), (12, 7968), (16, 8034), (21, 8163), (30, 8256), (36, 8391), (42, 8448), (44, 8460), (50, 8571), (51, 8583), (52, 8589), (57, 8637), (66, 8700), (70, 8757), (76, 8808), (77, 8811), (84, 8901),

Gene: Simpliphy_19 Start: 10590, Stop: 11564, Start Num: 10
Candidate Starts for Simpliphy_19:
(Start: 10 @10590 has 133 MA's), (Start: 11 @10599 has 1 MA's), (12, 10659), (20, 10812), (30, 10908), (32, 10983), (34, 11028), (38, 11070), (40, 11088), (55, 11259), (60, 11289), (64, 11313), (65, 11322), (74, 11421), (77, 11442), (81, 11493),

Gene: SirDuracell_18 Start: 10045, Stop: 11016, Start Num: 10
Candidate Starts for SirDuracell_18:
(Start: 10 @10045 has 133 MA's), (Start: 11 @10054 has 1 MA's), (12, 10114), (20, 10267), (30, 10363), (32, 10438), (34, 10483), (38, 10525), (40, 10543), (55, 10714), (60, 10744), (64, 10768), (65, 10777), (74, 10876), (77, 10897), (81, 10948),

Gene: SkinnyPete_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for SkinnyPete_13:

(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Smurph_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Smurph_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Snekmaggedon_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Snekmaggedon_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Sonah_14 Start: 8820, Stop: 9818, Start Num: 9
Candidate Starts for Sonah_14:
(7, 8781), (Start: 9 @8820 has 139 MA's), (Start: 11 @8844 has 1 MA's), (13, 8910), (14, 8928), (17, 8964), (23, 9099), (26, 9135), (33, 9285), (39, 9339), (41, 9351), (46, 9420), (53, 9495), (56, 9516), (75, 9678), (83, 9771), (86, 9795),

Gene: SophKB_19 Start: 11378, Stop: 12349, Start Num: 10
Candidate Starts for SophKB_19:
(Start: 10 @11378 has 133 MA's), (Start: 11 @11387 has 1 MA's), (12, 11447), (20, 11600), (30, 11696), (32, 11771), (34, 11816), (38, 11858), (40, 11876), (55, 12047), (58, 12068), (62, 12089), (65, 12110), (69, 12155), (74, 12209), (78, 12242), (79, 12254), (81, 12281),

Gene: Sotrice96_19 Start: 11334, Stop: 12305, Start Num: 10
Candidate Starts for Sotrice96_19:
(Start: 10 @11334 has 133 MA's), (Start: 11 @11343 has 1 MA's), (12, 11403), (20, 11556), (30, 11652), (32, 11727), (34, 11772), (38, 11814), (40, 11832), (55, 12003), (60, 12033), (64, 12057), (65, 12066), (74, 12165), (77, 12186), (81, 12237),

Gene: Spinach_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for Spinach_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: SpongeBob_13 Start: 7923, Stop: 8981, Start Num: 9
Candidate Starts for SpongeBob_13:
(6, 7860), (Start: 9 @7923 has 139 MA's), (16, 8079), (27, 8271), (30, 8301), (36, 8436), (42, 8493), (44, 8505), (51, 8628), (52, 8634), (55, 8664), (57, 8682), (60, 8697), (66, 8745), (68, 8757), (70, 8802), (77, 8856), (82, 8913), (84, 8946), (85, 8949),

Gene: Squint_28 Start: 16260, Stop: 17264, Start Num: 9
Candidate Starts for Squint_28:
(Start: 9 @16260 has 139 MA's), (15, 16386), (22, 16536), (24, 16566), (26, 16590), (43, 16815), (45, 16869), (63, 17010), (69, 17067), (73, 17121),

Gene: Stank_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for Stank_20:

(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: Stark_19 Start: 10603, Stop: 11577, Start Num: 10
Candidate Starts for Stark_19:
(Start: 10 @10603 has 133 MA's), (Start: 11 @10612 has 1 MA's), (12, 10672), (20, 10825), (30, 10921), (32, 10996), (34, 11041), (38, 11083), (40, 11101), (55, 11272), (60, 11302), (64, 11326), (65, 11335), (74, 11434), (77, 11455), (81, 11506),

Gene: StellaBean_19 Start: 11378, Stop: 12349, Start Num: 10
Candidate Starts for StellaBean_19:
(Start: 10 @11378 has 133 MA's), (Start: 11 @11387 has 1 MA's), (12, 11447), (20, 11600), (30, 11696), (32, 11771), (34, 11816), (38, 11858), (40, 11876), (55, 12047), (58, 12068), (62, 12089), (65, 12110), (69, 12155), (74, 12209), (78, 12242), (79, 12254), (81, 12281),

Gene: StevieRay_14 Start: 8825, Stop: 9823, Start Num: 9
Candidate Starts for StevieRay_14:
(7, 8786), (Start: 9 @8825 has 139 MA's), (Start: 11 @8849 has 1 MA's), (13, 8915), (14, 8933), (17, 8969), (23, 9104), (26, 9140), (33, 9290), (39, 9344), (41, 9356), (46, 9425), (53, 9500), (56, 9521), (75, 9683), (83, 9776), (86, 9800),

Gene: StolenFromERC_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for StolenFromERC_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: StormChicken_19 Start: 11553, Stop: 12524, Start Num: 10
Candidate Starts for StormChicken_19:
(Start: 10 @11553 has 133 MA's), (Start: 11 @11562 has 1 MA's), (12, 11622), (20, 11775), (30, 11871), (32, 11946), (34, 11991), (38, 12033), (40, 12051), (55, 12222), (60, 12252), (64, 12276), (65, 12285), (74, 12384), (77, 12405), (81, 12456),

Gene: StressBall_14 Start: 8837, Stop: 9835, Start Num: 9
Candidate Starts for StressBall_14:
(7, 8798), (Start: 9 @8837 has 139 MA's), (Start: 11 @8861 has 1 MA's), (13, 8927), (14, 8945), (17, 8981), (26, 9152), (33, 9302), (39, 9356), (41, 9368), (46, 9437), (47, 9452), (56, 9533), (75, 9695), (83, 9788), (86, 9812),

Gene: Superphikiman_29 Start: 16315, Stop: 17319, Start Num: 9
Candidate Starts for Superphikiman_29:
(Start: 9 @16315 has 139 MA's), (15, 16441), (22, 16591), (24, 16621), (26, 16645), (43, 16870), (45, 16924), (63, 17065), (69, 17122), (73, 17176),

Gene: TBrady12_20 Start: 10832, Stop: 11806, Start Num: 10
Candidate Starts for TBrady12_20:
(Start: 10 @10832 has 133 MA's), (Start: 11 @10841 has 1 MA's), (12, 10901), (20, 11054), (30, 11150), (32, 11225), (34, 11270), (38, 11312), (40, 11330), (55, 11501), (60, 11531), (64, 11555), (65, 11564), (74, 11663), (77, 11684), (81, 11735),

Gene: Tapioca_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Tapioca_13:

(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Tarkin_20 Start: 11831, Stop: 12805, Start Num: 10
Candidate Starts for Tarkin_20:
(Start: 10 @11831 has 133 MA's), (Start: 11 @11840 has 1 MA's), (12, 11900), (20, 12053), (30, 12149), (32, 12224), (34, 12269), (38, 12311), (40, 12329), (55, 12500), (60, 12530), (64, 12554), (65, 12563), (74, 12662), (77, 12683), (81, 12734),

Gene: TeamEdward_19 Start: 11550, Stop: 12521, Start Num: 10
Candidate Starts for TeamEdward_19:
(Start: 10 @11550 has 133 MA's), (Start: 11 @11559 has 1 MA's), (12, 11619), (20, 11772), (30, 11868), (32, 11943), (34, 11988), (38, 12030), (40, 12048), (55, 12219), (60, 12249), (64, 12273), (65, 12282), (74, 12381), (77, 12402), (81, 12453),

Gene: TeardropMSU_18 Start: 11286, Stop: 12257, Start Num: 10
Candidate Starts for TeardropMSU_18:
(Start: 10 @11286 has 133 MA's), (Start: 11 @11295 has 1 MA's), (12, 11355), (20, 11508), (30, 11604), (32, 11679), (34, 11724), (38, 11766), (40, 11784), (55, 11955), (58, 11976), (62, 11997), (65, 12018), (69, 12063), (74, 12117), (78, 12150), (79, 12162), (81, 12189),

Gene: Teaspoon_18 Start: 10285, Stop: 11259, Start Num: 10
Candidate Starts for Teaspoon_18:
(Start: 10 @10285 has 133 MA's), (Start: 11 @10294 has 1 MA's), (12, 10354), (20, 10507), (30, 10603), (32, 10678), (34, 10723), (38, 10765), (40, 10783), (55, 10954), (60, 10984), (64, 11008), (65, 11017), (74, 11116), (77, 11137), (81, 11188),

Gene: Techage_14 Start: 8821, Stop: 9819, Start Num: 9
Candidate Starts for Techage_14:
(7, 8782), (Start: 9 @8821 has 139 MA's), (Start: 11 @8845 has 1 MA's), (13, 8911), (14, 8929), (17, 8965), (23, 9100), (26, 9136), (33, 9286), (39, 9340), (41, 9352), (46, 9421), (53, 9496), (56, 9517), (75, 9679), (83, 9772), (86, 9796),

Gene: Terminus_18 Start: 10932, Stop: 11906, Start Num: 10
Candidate Starts for Terminus_18:
(Start: 10 @10932 has 133 MA's), (Start: 11 @10941 has 1 MA's), (12, 11001), (20, 11154), (30, 11250), (32, 11325), (34, 11370), (38, 11412), (40, 11430), (55, 11601), (60, 11631), (64, 11655), (65, 11664), (74, 11763), (77, 11784), (81, 11835),

Gene: Tessdabest_12 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Tessdabest_12:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Thespis_14 Start: 8837, Stop: 9835, Start Num: 9
Candidate Starts for Thespis_14:
(7, 8798), (Start: 9 @8837 has 139 MA's), (Start: 11 @8861 has 1 MA's), (13, 8927), (14, 8945), (23, 9116), (26, 9152), (33, 9302), (39, 9356), (41, 9368), (46, 9437), (53, 9512), (56, 9533), (75, 9695), (83, 9788), (86, 9812),

Gene: Thibault_27 Start: 17923, Stop: 18927, Start Num: 9

Candidate Starts for Thibault_27:
(Start: 9 @17923 has 139 MA's), (15, 18049), (22, 18199), (24, 18229), (26, 18253), (36, 18424), (43, 18478), (45, 18532), (48, 18553), (49, 18568), (61, 18661), (62, 18664), (63, 18673), (69, 18730), (77, 18802), (80, 18835), (85, 18895),

Gene: Thimble_19 Start: 10335, Stop: 11306, Start Num: 10
Candidate Starts for Thimble_19:
(Start: 10 @10335 has 133 MA's), (Start: 11 @10344 has 1 MA's), (12, 10404), (20, 10557), (30, 10653), (32, 10728), (34, 10773), (38, 10815), (40, 10833), (55, 11004), (60, 11034), (64, 11058), (65, 11067), (74, 11166), (77, 11187), (81, 11238),

Gene: ThreeRngTarjay_30 Start: 18489, Stop: 19493, Start Num: 9
Candidate Starts for ThreeRngTarjay_30:
(Start: 9 @18489 has 139 MA's), (15, 18615), (22, 18765), (24, 18795), (26, 18819), (36, 18990), (43, 19044), (45, 19098), (48, 19119), (49, 19134), (61, 19227), (62, 19230), (63, 19239), (69, 19296), (77, 19368), (80, 19401), (85, 19461),

Gene: Thresher_19 Start: 11593, Stop: 12567, Start Num: 10
Candidate Starts for Thresher_19:
(Start: 10 @11593 has 133 MA's), (Start: 11 @11602 has 1 MA's), (12, 11662), (20, 11815), (30, 11911), (32, 11986), (34, 12031), (38, 12073), (40, 12091), (55, 12262), (60, 12292), (64, 12316), (65, 12325), (74, 12424), (77, 12445), (81, 12496),

Gene: ThulaThula_13 Start: 8507, Stop: 9505, Start Num: 9
Candidate Starts for ThulaThula_13:
(Start: 9 @8507 has 139 MA's), (Start: 11 @8531 has 1 MA's), (14, 8615), (17, 8651), (18, 8675), (19, 8738), (23, 8786), (25, 8819), (26, 8822), (33, 8972), (37, 9008), (39, 9026), (41, 9038), (47, 9122), (56, 9203), (64, 9248), (75, 9365), (83, 9458),

Gene: Tomaszewski_18 Start: 10979, Stop: 11950, Start Num: 10
Candidate Starts for Tomaszewski_18:
(Start: 10 @10979 has 133 MA's), (Start: 11 @10988 has 1 MA's), (12, 11048), (20, 11201), (30, 11297), (32, 11372), (34, 11417), (38, 11459), (40, 11477), (55, 11648), (60, 11678), (64, 11702), (65, 11711), (74, 11810), (77, 11831), (81, 11882),

Gene: Tortellini_13 Start: 8525, Stop: 9523, Start Num: 9
Candidate Starts for Tortellini_13:
(3, 8330), (5, 8450), (7, 8486), (Start: 9 @8525 has 139 MA's), (Start: 11 @8549 has 1 MA's), (14, 8633), (17, 8669), (23, 8804), (26, 8840), (33, 8990), (39, 9044), (41, 9056), (46, 9125), (47, 9140), (56, 9221), (59, 9239), (64, 9266), (71, 9347), (72, 9350), (75, 9383), (77, 9398), (81, 9449), (83, 9476), (86, 9500),

Gene: Tortoise12_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Tortoise12_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Toto_19 Start: 11379, Stop: 12350, Start Num: 10
Candidate Starts for Toto_19:
(Start: 10 @11379 has 133 MA's), (Start: 11 @11388 has 1 MA's), (12, 11448), (20, 11601), (30, 11697), (32, 11772), (34, 11817), (38, 11859), (40, 11877), (55, 12048), (58, 12069), (62, 12090), (65, 12111), (69, 12156), (74, 12210), (78, 12243), (79, 12255), (81, 12282),

Gene: Traaww1_17 Start: 11024, Stop: 11995, Start Num: 10
Candidate Starts for Traaww1_17:
(Start: 10 @11024 has 133 MA's), (Start: 11 @11033 has 1 MA's), (12, 11093), (20, 11246), (30, 11342), (32, 11417), (34, 11462), (38, 11504), (40, 11522), (55, 11693), (60, 11723), (64, 11747), (65, 11756), (74, 11855), (77, 11876), (81, 11927),

Gene: Tuco_19 Start: 11378, Stop: 12349, Start Num: 10
Candidate Starts for Tuco_19:
(Start: 10 @11378 has 133 MA's), (Start: 11 @11387 has 1 MA's), (12, 11447), (20, 11600), (30, 11696), (32, 11771), (34, 11816), (38, 11858), (40, 11876), (55, 12047), (58, 12068), (62, 12089), (65, 12110), (69, 12155), (74, 12209), (78, 12242), (79, 12254), (81, 12281),

Gene: Ukulele_18 Start: 10603, Stop: 11577, Start Num: 10
Candidate Starts for Ukulele_18:
(Start: 10 @10603 has 133 MA's), (Start: 11 @10612 has 1 MA's), (12, 10672), (20, 10825), (30, 10921), (32, 10996), (34, 11041), (38, 11083), (40, 11101), (55, 11272), (60, 11302), (64, 11326), (65, 11335), (74, 11434), (77, 11455), (81, 11506),

Gene: Venti_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Venti_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: Vidya_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Vidya_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: Wanda_32 Start: 17932, Stop: 18936, Start Num: 9
Candidate Starts for Wanda_32:
(Start: 9 @17932 has 139 MA's), (15, 18058), (22, 18208), (24, 18238), (26, 18262), (36, 18433), (43, 18487), (45, 18541), (48, 18562), (49, 18577), (61, 18670), (62, 18673), (63, 18682), (69, 18739), (77, 18811), (80, 18844), (85, 18904),

Gene: Wiggin_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for Wiggin_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: Willez_18 Start: 10886, Stop: 11857, Start Num: 10
Candidate Starts for Willez_18:
(Start: 10 @10886 has 133 MA's), (Start: 11 @10895 has 1 MA's), (12, 10955), (20, 11108), (30, 11204), (32, 11279), (34, 11324), (38, 11366), (40, 11384), (55, 11555), (60, 11585), (64, 11609), (65, 11618), (74, 11717), (77, 11738), (81, 11789),

Gene: Willsammy_14 Start: 8840, Stop: 9838, Start Num: 9
Candidate Starts for Willsammy_14:
(7, 8801), (Start: 9 @8840 has 139 MA's), (Start: 11 @8864 has 1 MA's), (13, 8930), (14, 8948), (23, 9119), (26, 9155), (33, 9305), (39, 9359), (41, 9371), (46, 9440), (53, 9515), (56, 9536), (75, 9698), (83,

9791), (86, 9815),

Gene: Xandras_20 Start: 10835, Stop: 11809, Start Num: 10
Candidate Starts for Xandras_20:
(Start: 10 @10835 has 133 MA's), (Start: 11 @10844 has 1 MA's), (12, 10904), (20, 11057), (30, 11153), (32, 11228), (34, 11273), (38, 11315), (40, 11333), (55, 11504), (60, 11534), (64, 11558), (65, 11567), (74, 11666), (77, 11687), (81, 11738),

Gene: Xavia_14 Start: 8838, Stop: 9836, Start Num: 9
Candidate Starts for Xavia_14:
(7, 8799), (Start: 9 @8838 has 139 MA's), (Start: 11 @8862 has 1 MA's), (13, 8928), (14, 8946), (17, 8982), (23, 9117), (26, 9153), (33, 9303), (39, 9357), (41, 9369), (46, 9438), (53, 9513), (56, 9534), (75, 9696), (83, 9789), (86, 9813),

Gene: Xeno_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Xeno_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Xerxes_13 Start: 7877, Stop: 8935, Start Num: 9
Candidate Starts for Xerxes_13:
(6, 7814), (Start: 9 @7877 has 139 MA's), (12, 7967), (16, 8033), (21, 8162), (30, 8255), (36, 8390), (42, 8447), (44, 8459), (50, 8570), (51, 8582), (52, 8588), (57, 8636), (66, 8699), (70, 8756), (76, 8807), (77, 8810), (84, 8900),

Gene: Xiaokay_28 Start: 17939, Stop: 18943, Start Num: 9
Candidate Starts for Xiaokay_28:
(Start: 9 @17939 has 139 MA's), (15, 18065), (22, 18215), (24, 18245), (26, 18269), (36, 18440), (43, 18494), (45, 18548), (48, 18569), (49, 18584), (61, 18677), (62, 18680), (63, 18689), (69, 18746), (77, 18818), (80, 18851), (85, 18911),

Gene: YassJohnny_19 Start: 11378, Stop: 12349, Start Num: 10
Candidate Starts for YassJohnny_19:
(Start: 10 @11378 has 133 MA's), (Start: 11 @11387 has 1 MA's), (12, 11447), (20, 11600), (30, 11696), (32, 11771), (34, 11816), (38, 11858), (40, 11876), (55, 12047), (60, 12077), (64, 12101), (65, 12110), (74, 12209), (77, 12230), (81, 12281),

Gene: Yeet_29 Start: 17665, Stop: 18669, Start Num: 9
Candidate Starts for Yeet_29:
(Start: 9 @17665 has 139 MA's), (15, 17791), (22, 17941), (24, 17971), (26, 17995), (36, 18166), (43, 18220), (45, 18274), (48, 18295), (49, 18310), (61, 18403), (62, 18406), (63, 18415), (69, 18472), (77, 18544), (80, 18577), (85, 18637),

Gene: Youngblood_18 Start: 11013, Stop: 11987, Start Num: 10
Candidate Starts for Youngblood_18:
(Start: 10 @11013 has 133 MA's), (Start: 11 @11022 has 1 MA's), (12, 11082), (20, 11235), (30, 11331), (32, 11406), (34, 11451), (38, 11493), (40, 11511), (55, 11682), (60, 11712), (64, 11736), (65, 11745), (74, 11844), (77, 11865), (81, 11916),

Gene: Zelink_32 Start: 18517, Stop: 19521, Start Num: 9
Candidate Starts for Zelink_32:

(Start: 9 @18517 has 139 MA's), (15, 18643), (22, 18793), (24, 18823), (26, 18847), (36, 19018), (43, 19072), (45, 19126), (48, 19147), (49, 19162), (61, 19255), (62, 19258), (63, 19267), (69, 19324), (77, 19396), (80, 19429), (85, 19489),

Gene: Zilizebeth_14 Start: 8834, Stop: 9832, Start Num: 9
Candidate Starts for Zilizebeth_14:
(7, 8795), (Start: 9 @8834 has 139 MA's), (Start: 11 @8858 has 1 MA's), (13, 8924), (14, 8942), (17, 8978), (23, 9113), (26, 9149), (33, 9299), (39, 9353), (41, 9365), (46, 9434), (53, 9509), (56, 9530), (75, 9692), (83, 9785), (86, 9809),

Gene: xkcd_19 Start: 11038, Stop: 12009, Start Num: 10
Candidate Starts for xkcd_19:
(Start: 10 @11038 has 133 MA's), (Start: 11 @11047 has 1 MA's), (12, 11107), (20, 11260), (30, 11356), (32, 11431), (34, 11476), (38, 11518), (40, 11536), (55, 11707), (60, 11737), (64, 11761), (65, 11770), (74, 11869), (77, 11890), (81, 11941),