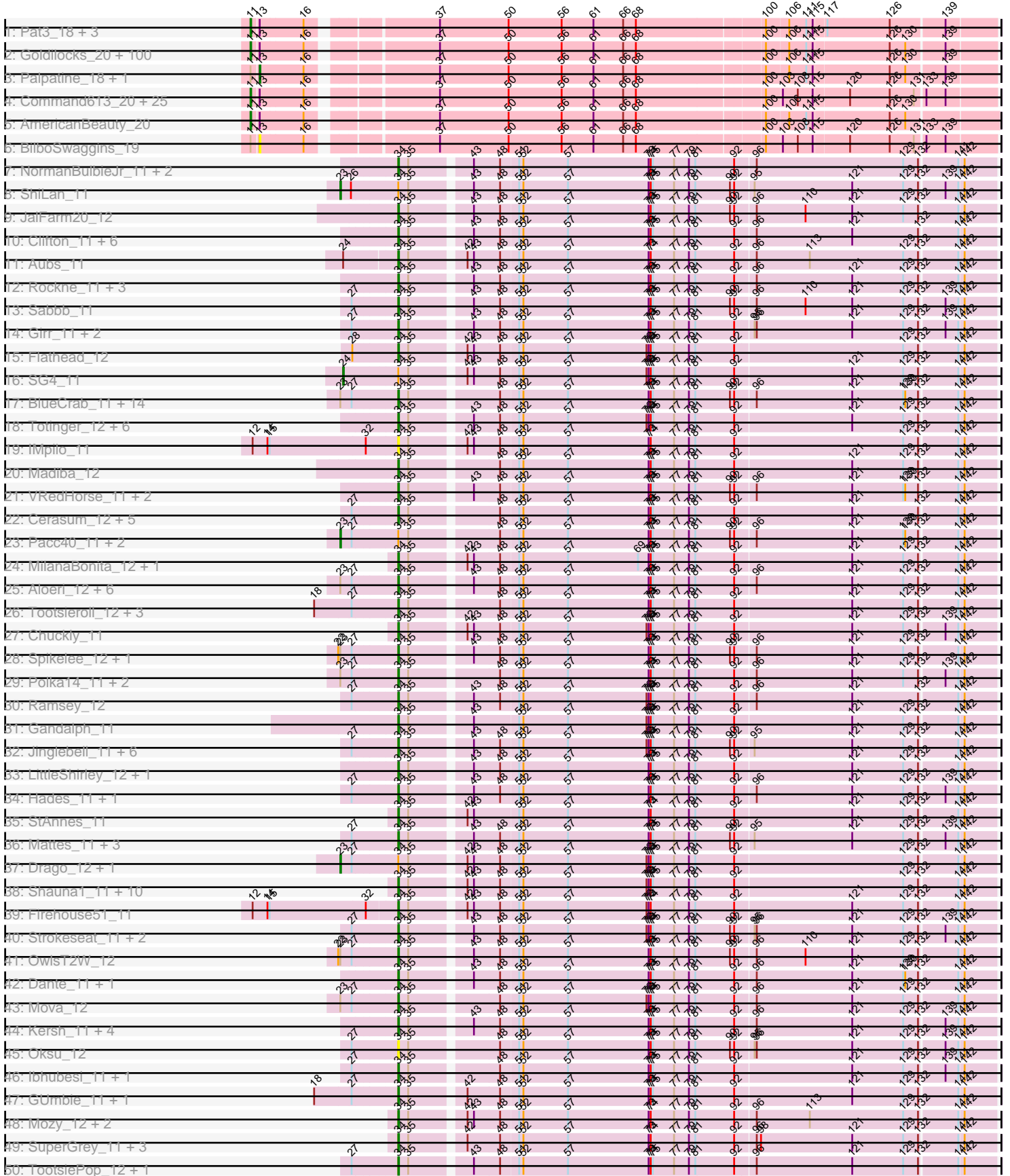
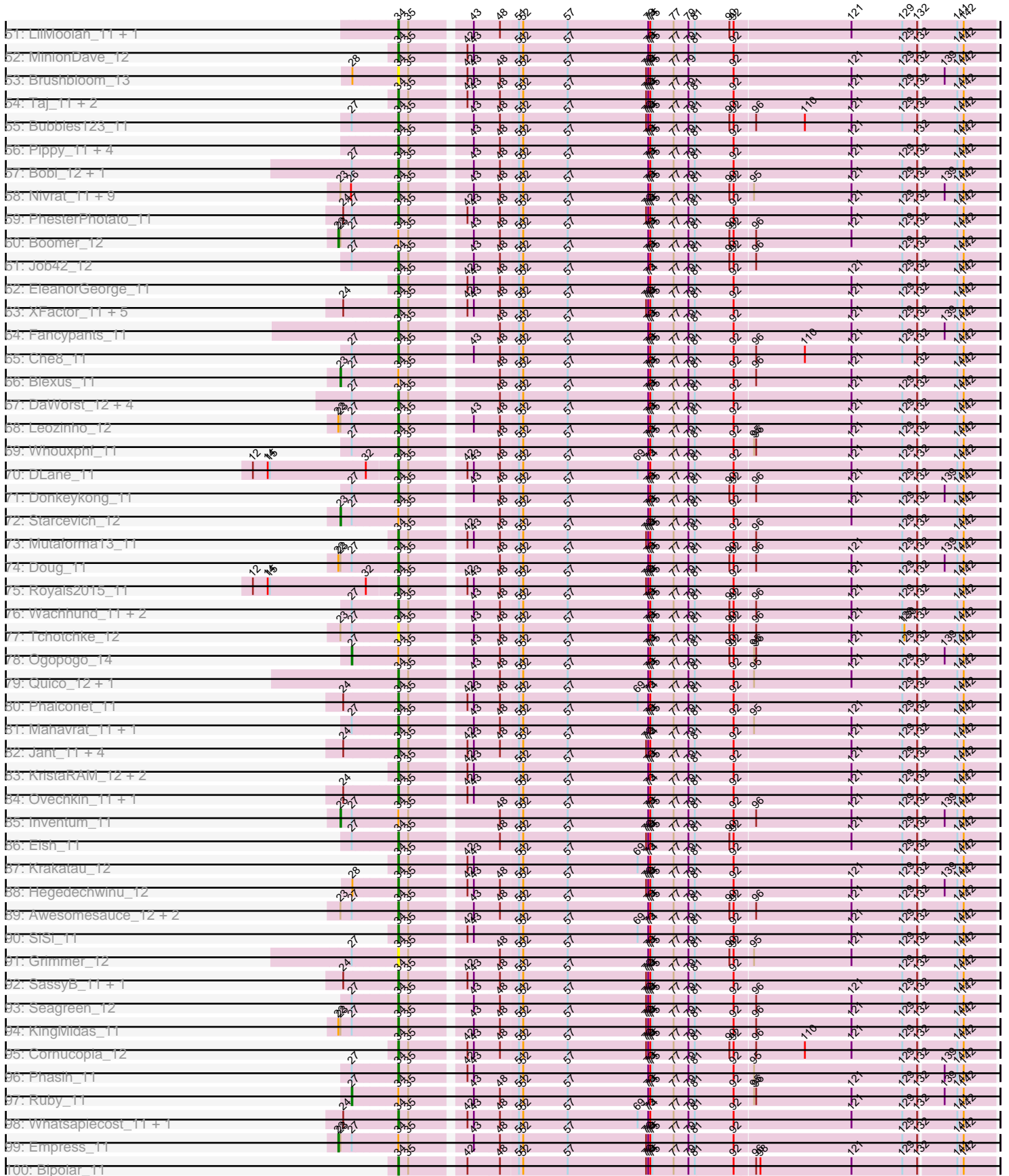


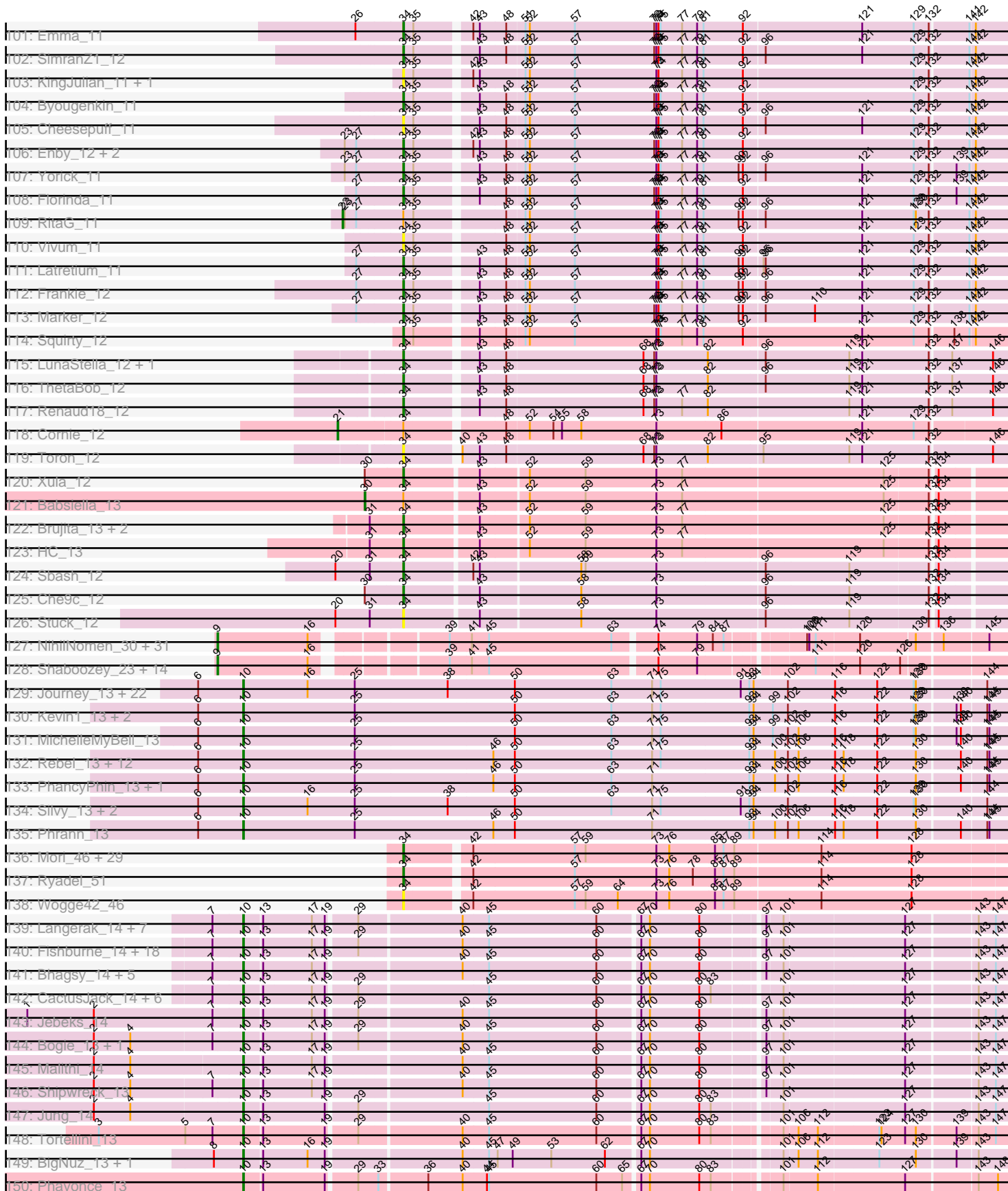
Pham 224145



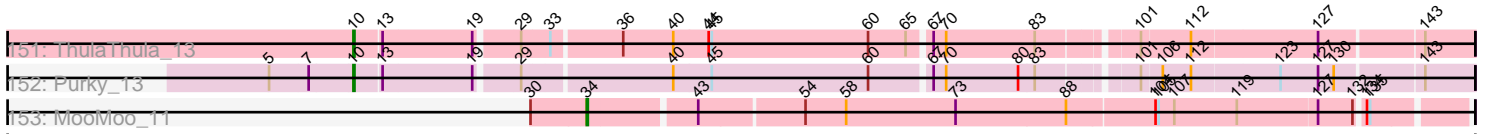
Pham 224145



Pham 224145



Pham 224145



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 224145 Report

This analysis was run 03/28/25 on database version 593.

Pham number 224145 has 572 members, 58 are drafts.

Phages represented in each track:

- Track 1 : Pat3_18, BaboJay_18, Eureka_19, Goku_19
- Track 2 : Goldilocks_20, IHOP_18, Hopey_19, Filch_19, Misfit_18, Mosby_18, BugsBunny_16, MPhalcon_18, Icee_18, Czystczon1_19, Xandras_20, Wiggin_20, Bask21_18, Holt_20, Contagion_18, Adnama_20, Elite2014_17, Murphy_18, Barbarian_18, Traaww1_17, Phrux_18, Easy2Say_19, Phaux_17, Lilizi_20, DoctorDiddles_19, BigBubba_18, Bruin_18, Willez_18, Gemini_20, Terminus_18, Thimble_19, Tarkin_20, Marshmallow_19, ChosenOne_17, Cookies_19, Teaspoon_18, Pumpkin_19, Buck_18, Highbury_19, Maxxinista_19, Murica_17, Policronamos_18, TBrady12_20, Inca_18, StormChicken_19, Bench_20, Porky_17, Elph10_19, DrDrey_19, Nala_18, HuffyPuff_17, Petra64142_19, FireRed_18, OrionPax_19, Pharsalus_19, Tomaszewski_18, Paperbeatsrock_20, Stark_19, Moldemort_19, Rimmer_18, Gage_20, Sotrice96_19, SirDuracell_18, Emmina_18, ChotaBhai_18, Sassay_18, Argent26_20, Cactus_20, GooberAzure_20, FoghornLeghorn_18, RiverMonster_18, Lilpickle_17, Thresher_19, MISSy_18, HanKaySha_19, JeTaime_20, 244_19, Manda_19, Ukulele_18, Becksu_18, Kimchi_20, ShereKhan_20, Stank_20, YassJohnny_19, Simpliphy_19, Phaja_18, StolenFromERC_20, Youngblood_18, Nimrod_18, Kanye_20, Hoonter_20, GoldenSpark_20, Lilac_20, NoSleep_19, MadamMonkfish_18, xkcd_19, Asriel_18, PhatBacter_18, Dumbo_18, Saints25_19, Cjw1_18
- Track 3 : Palpatine_18, Amao_19
- Track 4 : Command613_20, Dusk_18, Balomoji_18, Miniwave_19, Mindy_19, Rakim_20, FairyPath_19, NelitzaMV_19, Flypotenuse_17, Gator_17, CrystalP_19, ShamWow_19, Henry_19, ABCat_18, Toto_19, StellaBean_19, Harella_17, Kostya_19, Glexan_17, Myrale_19, TeardropMSU_18, SophKB_19, Daikon_17, Quallification_20, Tuco_19, BadStone_18
- Track 5 : AmericanBeauty_20
- Track 6 : BilboSwaggins_19
- Track 7 : NormanBulbieJr_11, Crumble_11, OlympiaSaint_11
- Track 8 : ShiLan_11
- Track 9 : JalFarm20_12
- Track 10 : Clifton_11, Zerg_11, Eradicator_11, Nitzel_12, Minnie_11, Sandalphon_11, Koella_11
- Track 11 : Aubs_11
- Track 12 : Rockne_11, Phatniss_11, Llij_11, PMC_11
- Track 13 : Sabbb_11
- Track 14 : Girr_11, MisterCuddles_11, Spoonbill_11
- Track 15 : Flathead_12

- Track 16 : SG4_11
- Track 17 : BlueCrab_11, RedBird_11, JoeyJr_11, IbOuu_11, Nimbo_11, Geralt_11, Poenanya_11, Leperchaun_11, OldBen_11, Deb65_11, DaddyRickover_11, BodEinwohner17_11, Doomphist_11, Scottish_11, PHappiness_11
- Track 18 : Totinger_12, Moonbeam_11, Rialto_12, Emmaloid_13, Slim_13, EmiMonkey_11, PhlipPhlop_11
- Track 19 : IMpilo_11
- Track 20 : Madiba_12
- Track 21 : VRedHorse_11, RockyHorror_12, Mantra_11
- Track 22 : Cerasum_12, BigPhil_12, Brookers_12, Velveteen_12, Sarma624_12, Kingsley_12
- Track 23 : Pacc40_11, Dorothy_11, Daenerys_11
- Track 24 : MilanaBonita_12, Akhila_12
- Track 25 : Aloeri_12, ChickenDinner_12, TDanisky_11, DRBy19_11, MadMen_11, Sparkdehlily_11, DocMcStuffins_12
- Track 26 : Tootsieroll_12, Karhdo_11, Radiance_11, Stap_12
- Track 27 : Chuckly_11
- Track 28 : Spikelee_12, DosHalletts_12
- Track 29 : Polka14_11, Pollywog_12, Sassafras_11
- Track 30 : Ramsey_12
- Track 31 : Gandalph_11
- Track 32 : Jinglebell_11, Llama_11, Modragons_11, Seabastian_11, AlpineSix_11, OfUltron_11, Ochi17_11
- Track 33 : LittleShirley_12, MulchSalad_11
- Track 34 : Hades_11, Violac_11
- Track 35 : StAnnes_11
- Track 36 : Mattes_11, BobaPhett_11, LastJedi_11, James_11
- Track 37 : Drago_12, UncleRicky_12
- Track 38 : Shauna1_11, NewHope4_11, DotProduct_11, Spartacus_11, Polo2Bam_12, LunaBlu_11, Guppsters_11, WillSterrel_11, Galactic_11, IrishSherpFalk_11, Phanphagia_11
- Track 39 : Firehouse51_11
- Track 40 : Strokeseat_11, Mandlovu_11, Hlubikazi_11
- Track 41 : OwlsT2W_12
- Track 42 : Dante_11, Alexphander_12
- Track 43 : Mova_12
- Track 44 : Kersh_11, Cabrinians_11, ByChance_11, Priscilla_11, FreddyB_11
- Track 45 : Oksu_12
- Track 46 : lbhubesi_11, Harley_11
- Track 47 : GUmbie_11, Veteran_11
- Track 48 : Mozy_12, ArcusAngelus_11, Chevrolet_11
- Track 49 : SuperGrey_11, DoRead_11, Rita_11, Kenuha5_11
- Track 50 : TootsiePop_12, Misha28_12
- Track 51 : LilMoolah_11, Coco12_12
- Track 52 : MinionDave_12
- Track 53 : Brushbloom_13
- Track 54 : Taj_11, Hamulus_11, DeadP_11
- Track 55 : Bubbles123_11
- Track 56 : Pippy_11, Gorge_11, GigiOuiOui_11, Brocalys_11, Saal_11
- Track 57 : Bobi_12, BuzzLyseyear_12
- Track 58 : Nivrat_11, Burwell21_11, Philus_11, ShowerHandel_11, SwagPiggett_11, Jarcob_11, Maravista_11, Martik_11, Zizzle_11, Lizziana_11
- Track 59 : PhesterPhotato_11

- Track 60 : Boomer_12
- Track 61 : Job42_12
- Track 62 : EleanorGeorge_11
- Track 63 : XFactor_11, ShroomBoi_11, Ardmore_11, MilleniumForce_12, Batiatus_11, DillTech15_11
- Track 64 : Fancypants_11
- Track 65 : Che8_11
- Track 66 : Blexus_11
- Track 67 : DaWorst_12, Plumbus_12, Kimberlium_12, Juice456_12, MulchExplorer_13
- Track 68 : Leozinho_12
- Track 69 : Whouxphf_11
- Track 70 : DLane_11
- Track 71 : Donkeykong_11
- Track 72 : Starcevich_12
- Track 73 : Mutaforma13_11
- Track 74 : Doug_11
- Track 75 : Royals2015_11
- Track 76 : Wachhund_11, Beakin_12, Estave1_11
- Track 77 : Tchotchke_12
- Track 78 : Ogopogo_14
- Track 79 : Quico_12, Girafales_12
- Track 80 : Phalconet_11
- Track 81 : Mahavrat_11, Juniper1_11
- Track 82 : Jant_11, Melissauren88_11, QuickMath_11, CaptainTrips_12, Fruitloop_11
- Track 83 : KristaRAM_12, Tweety_11, Wee_11
- Track 84 : Ovechkin_11, Ms6_11
- Track 85 : Inventum_11
- Track 86 : Eish_11
- Track 87 : Krakatau_12
- Track 88 : Hegedechwinu_12
- Track 89 : Awesomesauce_12, Fastidio_11, Piper2020_12
- Track 90 : SiSi_11
- Track 91 : Grimmer_12
- Track 92 : SassyB_11, PopTart_11
- Track 93 : Seagreen_12
- Track 94 : KingMidas_11
- Track 95 : Cornucopia_12
- Track 96 : Phasih_11
- Track 97 : Ruby_11
- Track 98 : Whatsapiecost_11, Filuzino_11
- Track 99 : Empress_11
- Track 100 : Bipolar_11
- Track 101 : Emma_11
- Track 102 : SimranZ1_12
- Track 103 : KingJulian_11, Corium_11
- Track 104 : Byougenkin_11
- Track 105 : Cheesepuff_11
- Track 106 : Enby_12, DirtMcgirt_12, Lorde_12
- Track 107 : Yorick_11
- Track 108 : Florinda_11
- Track 109 : RitaG_11

- Track 110 : Vivum_11
- Track 111 : Latretium_11
- Track 112 : Frankie_12
- Track 113 : Marker_12
- Track 114 : Squirty_12
- Track 115 : LunaStella_12, TChen_12
- Track 116 : ThetaBob_12
- Track 117 : Renaud18_12
- Track 118 : Cornie_12
- Track 119 : Toron_12
- Track 120 : Xula_12
- Track 121 : Babsiella_13
- Track 122 : Brujita_13, Island3_13, QueenHazel_13
- Track 123 : HC_13
- Track 124 : Sbash_12
- Track 125 : Che9c_12
- Track 126 : Stuck_12
- Track 127 : NihilNomen_30, Schatzie_29, Bobby_32, Zelink_32, Kalah2_32, Marleymoo_34, Hughesyang_30, Dove_29, Minerva_31, Odette_31, ThreeRngTarjay_30, Constella_26, Wanda_32, Bagrid_29, Ejimix_32, JuicyJay_32, Phoebus_31, Dallas_31, Yeet_29, Halley_31, Optimus_29, Thibault_27, Bombitas_28, BAKA_28, HokkenD_26, EricMillard_31, Pound_31, Duke13_28, Klein_31, Redno2_30, DmpstrDiver_30, Beem_31
- Track 128 : Shaboozey_23, Porcelain_28, Ariel_29, Hannaconda_26, Omega_31, KashFlow_23, LittleE_29, Nekros_29, Squint_28, MiaZeal_29, Courthouse_29, Rearden_26, Superphikiman_29, Lucky2013_29, Gonephishing_27
- Track 129 : Journey_13, Andies_13, Smurph_13, Bosection6_13, Fulbright_13, Scitech_13, Gex_13, Carcharodon_13, Schnauzer_13, Charlie_13, Melville_13, Magsby_13, Parmesanjohn_13, Silvafighter_13, Xerxes_13, Tortoise12_13, Pipsqueaks_13, Philonius_13, Xeno_13, Phloss_13, Duplicity_13, Tapioca_13, Chewbacca_13
- Track 130 : Kevin1_13, Butters_13, Rubeelu_13
- Track 131 : MichelleMyBell_13
- Track 132 : Rebel_13, Redi_13, Panchino_13, ShrimpFriedEgg_13, Snekmaggedon_13, Raymond7_13, Nenae_13, Jamie19_13, Purgamenstris_13, Hanako_13, SkinnyPete_13, BabeRuth_13, SpongeBob_13
- Track 133 : PhancyPhin_13, Shweta_13
- Track 134 : Silvy_13, EGUnicorn_14, Aggie_13
- Track 135 : Phrann_13
- Track 136 : Mori_46, Smooch_49, MadKillah_48, Alkhayr_45, Firecracker_47, Ashwin_48, Zakhe101_47, Murai_47, Schuy_48, Familton_48, FoulBall_47, Krili_46, Winget_48, Blessica_48, SchoolBus_47, NiebruSaylor_46, KingPhillip3_46, Bora_44, Zebo_46, Wildflower_47, JangDynasty_47, Shida_47, Vorrps_46, Dylan_46, Vagabond_47, Corndog_49, YungJamal_50, TelAviv_44, Catdawg_47, Idergollasper_47
- Track 137 : Ryadel_51
- Track 138 : Wogge42_46
- Track 139 : Langerak_14, Techage_14, Donovan_14, Arib1_14, Sonah_14, Mangethe_14, Majeke_14, Phegasus_14
- Track 140 : Fishburne_14, Etoile_14, GreaseLightnin_14, Zilizebeth_14, Necropolis_14, Bartholomew_14, Dynamo_14, Venti_14, FirstPlacePfu_14, Ksqared_14, Bunnies_14, Xavia_14, Phineas_14, StevieRay_14, Kari_14, Juniormint_14, HUHilltop_14, Polkaroo_14, Vidya_14

- Track 141 : Bhagsy_14, Atcoo_14, Brusacoram_14, Willsammy_14, Thespis_14, Camster_14
- Track 142 : CactusJack_14, Phalm_14, Gavriela_14, KilKor_14, Glaske_14, StressBall_14, Megiddo_14
- Track 143 : Jebeks_14
- Track 144 : Bogie_13, Pygmy_13
- Track 145 : Malithi_14
- Track 146 : Shipwreck_13
- Track 147 : Jung_14
- Track 148 : Tortellini_13
- Track 149 : BigNuz_13, Nazo_13
- Track 150 : Phayonce_13
- Track 151 : ThulaThula_13
- Track 152 : Purky_13
- Track 153 : MooMoo_11

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

The start number called the most often in the published annotations is 34, it was called in 242 of the 514 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Akhila_12, Alexphander_12, Alkhayr_45, Aloeri_12, AlpineSix_11, ArcusAngelus_11, Ardmore_11, Ashwin_48, Aubs_11, Awesomesauce_12, Batiatus_11, Beakin_12, BigPhil_12, Bipolar_11, Blessica_48, BlueCrab_11, BobaPhett_11, Bobi_12, BodEinwohner17_11, Bora_44, Brocalys_11, Brookers_12, Brujita_13, Brushbloom_13, Bubbles123_11, Burwell21_11, BuzzLyseyear_12, ByChance_11, Byougenkin_11, Cabrinians_11, CaptainTrips_12, Catdawg_47, Cerasum_12, Che8_11, Che9c_12, CheesePuff_11, Chevrolet_11, ChickenDinner_12, Chuckly_11, Clifton_11, Coco12_12, Corium_11, Corndog_49, Cornucopia_12, Crumble_11, DLane_11, DRBy19_11, DaWorst_12, DaddyRickover_11, Dante_11, DeadP_11, Deb65_11, DillTech15_11, DirtMcGirt_12, DoRead_11, DocMcStuffs_12, Donkeykong_11, Doomphist_11, DosHalletts_12, DotProduct_11, Doug_11, Dylan_46, Eish_11, EleanorGeorge_11, EmiMonkey_11, Emma_11, Emmaloid_13, Enby_12, Eradicator_11, Estave1_11, Familton_48, Fancypants_11, Fastidio_11, Filuzino_11, Firecracker_47, Firehouse51_11, Flathead_12, Florinda_11, FoulBall_47, Frankie_12, FreddyB_11, Fruitloop_11, GUmbe_11, Galactic_11, Gandolph_11, Geralt_11, GigiOuiOui_11, Girafales_12, Girr_11, Gorge_11, Grimmer_12, Guppsters_11, HC_13, Hades_11, Hamulus_11, Harley_11, Hegedechwinu_12, Hlubikazi_11, IMpilo_11, IbOuu_11, Ibhubes_11, Idergollasper_47, IrishSherpFalk_11, Island3_13, JalFarm20_12, James_11, JangDynasty_47, Jant_11, Jarcob_11, Jinglebell_11, Job42_12, JoeyJr_11, Juice456_12, Juniper1_11, Karhdo_11, Kenuha5_11, Kersh_11, Kimberlium_12, KingJulian_11, KingMidas_11, KingPhillip3_46, Kingsley_12, Koella_11, Krakatau_12, Krili_46, KristaRAM_12, LastJedi_11, Latretium_11, Leozinho_12, Leperchaun_11, LilMoolah_11, LittleShirley_12, Lizziana_11, Llama_11, Llij_11, Lorde_12, LunaBlu_11, LunaStella_12, MadKillah_48, MadMen_11, Madiba_12, Mahavrat_11, Mandlovu_11, Mantra_11, Maravista_11, Marker_12, Martik_11, Mattes_11, Melissauren88_11, MilanaBonita_12, MilleniumForce_12, MinionDave_12, Minnie_11, Misha28_12, MisterCuddles_11, Modragons_11,

MooMoo_11, Moonbeam_11, Mori_46, Mova_12, Mozy_12, Ms6_11, MulchExplorer_13, MulchSalad_11, Murai_47, Mutaforma13_11, NewHope4_11, NiebruSaylor_46, Nimbo_11, Nitzel_12, Nivrat_11, NormanBulbieJr_11, Ochi17_11, OfUltron_11, Oksu_12, OldBen_11, OlympiaSaint_11, Ovechkin_11, OwlsT2W_12, PHappiness_11, PMC_11, Phalconet_11, Phanphagia_11, Phasih_11, Phatniss_11, PhesterPhotato_11, Philus_11, PhilipPhlop_11, Piper2020_12, Pippy_11, Plumbus_12, Poenanya_11, Polka14_11, Pollywog_12, Polo2Bam_12, PopTart_11, Priscilla_11, QueenHazel_13, QuickMath_11, Quico_12, Radiance_11, Ramsey_12, RedBird_11, Renaud18_12, Rialto_12, Rita_11, Rockne_11, RockyHorror_12, Royals2015_11, Ryadel_51, Saal_11, Sabbb_11, Sandalphon_11, Sarma624_12, Sassafras_11, SassyB_11, Sbash_12, SchoolBus_47, Schuy_48, Scottish_11, Sebastian_11, Seagreen_12, Shauna1_11, Shida_47, ShowerHandel_11, ShroomBoi_11, SiSi_11, SimranZ1_12, Slim_13, Smooch_49, Sparkdehlily_11, Spartacus_11, Spikelee_12, Spoonbill_11, Squirty_12, StAnnes_11, Stap_12, Strokeseat_11, Stuck_12, SuperGrey_11, SwagPiggett_11, TChen_12, TDanisky_11, Taj_11, Tchotchke_12, TelAviv_44, ThetaBob_12, TootsiePop_12, Tootsieroll_12, Toron_12, Totinger_12, Tweety_11, VRedHorse_11, Vagabond_47, Velveteen_12, Veteran_11, Violac_11, Vivum_11, Vorrps_46, Wachhund_11, Wee_11, Whatsapiecost_11, Whouxphf_11, Wildflower_47, WillSterrel_11, Winget_48, Wogge42_46, XFactor_11, Xula_12, Yorick_11, YungJamal_50, Zakhe101_47, Zebo_46, Zerg_11, Zizzle_11,

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

- Babsiella_13, Blexus_11, Boomer_12, Cornie_12, Daenerys_11, Dorothy_11, Drago_12, Empress_11, Inventum_11, Ogopogo_14, Pacc40_11, RitaG_11, Ruby_11, SG4_11, ShiLan_11, Starcevich_12, UncleRicky_12,

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

- 244_19, ABCat_18, Adnama_20, Aggie_13, Amao_19, AmericanBeauty_20, Andies_13, Argent26_20, Arib1_14, Ariel_29, Asriel_18, Atcoo_14, BAKA_28, BabeRuth_13, BaboJay_18, BadStone_18, Bagrid_29, Balomoji_18, Barbarian_18, Bartholomew_14, Bask21_18, Becksu_18, Beem_31, Bench_20, Bhagsy_14, BigBubba_18, BigNuz_13, BilboSwaggins_19, Bobby_32, Bogie_13, Bombitas_28, Bosection6_13, Bruin_18, Brusacoram_14, Buck_18, BugsBunny_16, Bunnies_14, Butters_13, CactusJack_14, Cactus_20, Camster_14, Carcharodon_13, Charlie_13, Chewbacca_13, ChosenOne_17, ChotaBhai_18, Cjw1_18, Command613_20, Constella_26, Contagion_18, Cookies_19, Courthouse_29, CrystalP_19, Czyszczon1_19, Daikon_17, Dallas_31, DmpstrDiver_30, DoctorDiddles_19, Donovan_14, Dove_29, DrDrey_19, Duke13_28, Dumbo_18, Duplicity_13, Dusk_18, Dynamo_14, EGUnicorn_14, Easy2Say_19, Ejimix_32, Elite2014_17, Elph10_19, Emmina_18, EricMillard_31, Etoile_14, Eureka_19, FairyPath_19, Filch_19, FireRed_18, FirstPlacePfu_14, Fishburne_14, Flypotenuse_17, FoghornLeghorn_18, Fulbright_13, Gage_20, Gator_17, Gavriela_14, Gemini_20, Gex_13, Glaske_14, Glexan_17, Goku_19, GoldenSpark_20, Goldilocks_20, Gonephishing_27, GooberAzure_20, GreaseLightnin_14, HUHilltop_14, Halley_31, HanKaySha_19, Hanako_13, Hannaconda_26, Harella_17, Henry_19, Highbury_19, HokkenD_26, Holt_20, Hoonter_20, Hopey_19, HufflyPuff_17, Hughesyang_30, IHOP_18, Icee_18, Inca_18, Jamie19_13, JeTaime_20, Jebeks_14, Journey_13, JuicyJay_32, Jung_14, Juniormint_14, Kalah2_32, Kanye_20, Kari_14, KashFlow_23, Kevin1_13, KilKor_14, Kimchi_20, Klein_31, Kostya_19, Ksquared_14, Langerak_14, Lilac_20, Lilizi_20, Lilpickle_17, LittleE_29, Lucky2013_29, MISSy_18, MPhalcon_18, MadamMonkfish_18, Magsby_13, Majeke_14, Malithi_14, Manda_19, Mangethe_14, Marleymoo_34, Marshmallow_19, Maxxinista_19, Megiddo_14, Melville_13,

MiaZeal_29, MichelleMyBell_13, Mindy_19, Minerva_31, Miniwave_19, Misfit_18, Moldemort_19, Mosby_18, Murica_17, Murphy_18, Myrale_19, Nala_18, Nazo_13, Necropolis_14, Nekros_29, NelitzaMV_19, Nenae_13, NihilNomen_30, Nimrod_18, NoSleep_19, Odette_31, Omega_31, Optimus_29, OrionPax_19, Palpatine_18, Panchino_13, Paperbeatsrock_20, Parmesanjohn_13, Pat3_18, Petra64142_19, Phaja_18, Phalm_14, PhancyPhin_13, Pharsalus_19, PhatBacter_18, Phaux_17, Phayonce_13, Phegasus_14, Philonius_13, Phineas_14, Phloss_13, Phoebus_31, Phrann_13, Phrux_18, Pipsqueaks_13, Policronamos_18, Polkaroo_14, Porcelain_28, Porky_17, Pound_31, Pumpkin_19, Purgamenstris_13, Purky_13, Pygmy_13, Qualification_20, Rakim_20, Raymond7_13, Rearden_26, Rebel_13, Redi_13, Redno2_30, Rimmer_18, RiverMonster_18, Rubeelu_13, Saints25_19, Sassay_18, Schatzie_29, Schnauzer_13, Scitech_13, Shaboozey_23, ShamWow_19, ShereKhan_20, Shipwreck_13, ShrimpFriedEgg_13, Shweta_13, Silvafighter_13, Silvy_13, Simpliphy_19, SirDuracell_18, SkinnyPete_13, Smurph_13, Snekmaggon_13, Sonah_14, SophKB_19, Sotrice96_19, SpongeBob_13, Squint_28, Stank_20, Stark_19, StellaBean_19, StevieRay_14, StolenFromERC_20, StormChicken_19, StressBall_14, Superphikiman_29, TBrady12_20, Tapioca_13, Tarkin_20, TeardropMSU_18, Teaspoon_18, Techage_14, Terminus_18, Thespis_14, Thibault_27, Thimble_19, ThreeRngTarjay_30, Thresher_19, ThulaThula_13, Tomaszewski_18, Tortellini_13, Tortoise12_13, Toto_19, Traaww1_17, Tuco_19, Ukulele_18, Venti_14, Vidya_14, Wanda_32, Wiggin_20, Willez_18, Willsammy_14, Xandras_20, Xavia_14, Xeno_13, Xerxes_13, YassJohnny_19, Yeet_29, Youngblood_18, Zelink_32, Zilizebeth_14, xkcd_19,

Summary by start number:

Start 9:

- Found in 47 of 572 (8.2%) of genes in pham
- Manual Annotations of this start: 40 of 514
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ariel_29 (J), BAKA_28 (J), Bagrid_29 (J), Beem_31 (J), Bobby_32 (J), Bombitas_28 (J), Constella_26 (J), Courthouse_29 (J), Dallas_31 (J), DmpstrDiver_30 (J), Dove_29 (J), Duke13_28 (J), Ejimix_32 (J), EricMillard_31 (J), Gonephishing_27 (J), Halley_31 (J), Hannaconda_26 (J), HokkenD_26 (J), Hughesyang_30 (J), JuicyJay_32 (J), Kalah2_32 (J), KashFlow_23 (J), Klein_31 (J), LittleE_29 (J), Lucky2013_29 (J), Marleymoo_34 (J), MiaZeal_29 (J), Minerva_31 (J), Nekros_29 (J), NihilNomen_30 (J), Odette_31 (J), Omega_31 (J), Optimus_29 (J), Phoebus_31 (J), Porcelain_28 (J), Pound_31 (J), Rearden_26 (J), Redno2_30 (J), Schatzie_29 (J), Shaboozey_23 (J), Squint_28 (J), Superphikiman_29 (J), Thibault_27 (J), ThreeRngTarjay_30 (J), Wanda_32 (J), Yeet_29 (J), Zelink_32 (J),

Start 10:

- Found in 98 of 572 (17.1%) of genes in pham
- Manual Annotations of this start: 90 of 514
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aggie_13 (N), Andies_13 (N), Arib1_14 (P1), Atcoo_14 (P1), BabeRuth_13 (N), Bartholomew_14 (P1), Bhagsy_14 (P1), BigNuz_13 (P4), Bogie_13 (P1), Bosection6_13 (N), Brusacoram_14 (P1), Bunnies_14 (P1), Butters_13 (N), CactusJack_14 (P1), Camster_14 (P1), Carcharodon_13 (N), Charlie_13 (N), Chewbacca_13 (N), Donovan_14 (P1), Duplicity_13 (N), Dynamo_14 (P1), EGUunicorn_14 (N), Etoile_14 (P1), FirstPlacePfu_14 (P1), Fishburne_14 (P1), Fulbright_13 (N), Gavriela_14 (P1),

Gex_13 (N), Glaske_14 (P1), GreaseLightnin_14 (P1), HUHilltop_14 (P1), Hanako_13 (N), Jamie19_13 (N), Jebeks_14 (P1), Journey_13 (N), Jung_14 (P1), Juniormint_14 (P1), Kari_14 (P1), Kevin1_13 (N), KilKor_14 (P1), Ksquared_14 (P1), Langerak_14 (P1), Magsby_13 (N), Majeke_14 (P1), Malithi_14 (P1), Mangethe_14 (P1), Megiddo_14 (P1), Melville_13 (N), MichelleMyBell_13 (N), Nazo_13 (P4), Necropolis_14 (P1), Nenae_13 (N), Panchino_13 (N), Parmesanjohn_13 (N), Phalm_14 (P1), PhancyPhin_13 (N), Phayonce_13 (P5), Phegasus_14 (P1), Philonius_13 (N), Phineas_14 (P1), Phloss_13 (N), Phrann_13 (N), Pipsqueaks_13 (N), Polkaroo_14 (P1), Purgamenstris_13 (N), Purky_13 (P6), Pygmy_13 (P1), Raymond7_13 (N), Rebel_13 (N), Redi_13 (N), Rubeelu_13 (N), Schnauzer_13 (N), Scitech_13 (N), 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), SpongeBob_13 (N), StevieRay_14 (P1), StressBall_14 (P1), Tapioca_13 (N), Techage_14 (P1), Thespi_14 (P1), ThulaThula_13 (P5), Tortellini_13 (P2), Tortoise12_13 (N), Venti_14 (P1), Vidya_14 (P1), Willsammy_14 (P1), Xavia_14 (P3), Xeno_13 (N), Xerxes_13 (N), Zilizebeth_14 (P1),

Start 11:

- Found in 135 of 572 (23.6%) of genes in pham
- Manual Annotations of this start: 124 of 514
- Called 97.8% of time when present
- Phage (with cluster) where this start called: 244_19 (E), ABCat_18 (E), Adnama_20 (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), Bruin_18 (E), Buck_18 (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), Czystczon1_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), 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), JeTaim_20 (E), Kanye_20 (E), Kimchi_20 (E), Kostya_19 (E), Lilac_20 (E), Lilizi_20 (E), Lilpickle_17 (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), Mosby_18 (E), Murica_17 (E), Murphy_18 (E), Myrale_19 (E), Nala_18 (E), NelitzaMV_19 (E), Nimrod_18 (E), NoSleep_19 (E), OrionPax_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), 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), 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 13:

- Found in 187 of 572 (32.7%) of genes in pham
- Manual Annotations of this start: 1 of 514
- Called 1.6% of time when present
- Phage (with cluster) where this start called: Amao_19 (E), BilboSwaggins_19 (E), Palpatine_18 (E),

Start 21:

- Found in 1 of 572 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 514
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Cornie_12 (F5),

Start 22:

- Found in 9 of 572 (1.6%) of genes in pham
- Manual Annotations of this start: 3 of 514
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Boomer_12 (F1), Empress_11 (F1), RitaG_11 (F1),

Start 23:

- Found in 62 of 572 (10.8%) of genes in pham
- Manual Annotations of this start: 9 of 514
- Called 14.5% of time when present
- Phage (with cluster) where this start called: Blexus_11 (F1), Daenerys_11 (F1), Dorothy_11 (F1), Drago_12 (F1), Inventum_11 (F1), Pacc40_11 (F1), ShiLan_11 (F1), Starcevich_12 (F1), UncleRicky_12 (F1),

Start 24:

- Found in 21 of 572 (3.7%) of genes in pham
- Manual Annotations of this start: 1 of 514
- Called 4.8% of time when present
- Phage (with cluster) where this start called: SG4_11 (F1),

Start 27:

- Found in 117 of 572 (20.5%) of genes in pham
- Manual Annotations of this start: 2 of 514
- Called 1.7% of time when present
- Phage (with cluster) where this start called: Ogopogo_14 (F1), Ruby_11 (F1),

Start 30:

- Found in 4 of 572 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 514
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Babsiella_13 (I1),

Start 34:

- Found in 292 of 572 (51.0%) of genes in pham
- Manual Annotations of this start: 242 of 514
- Called 94.2% of time when present
- Phage (with cluster) where this start called: Akhila_12 (F1), Alexphander_12 (F1), Alkhayr_45 (O), Aloeri_12 (F1), AlpineSix_11 (F1), ArcusAngelus_11 (F1), Ardmore_11 (F1), Ashwin_48 (O), Aubs_11 (F1), Awesomesauce_12 (F1),

Batiatus_11 (F1), Beakin_12 (F1), BigPhil_12 (F1), Bipolar_11 (F1), Blessica_48 (O), BlueCrab_11 (F1), BobaPhett_11 (F1), Bobi_12 (F1), BodEinwohner17_11 (F1), Bora_44 (O), Brocalys_11 (F1), Brookers_12 (F1), Brujita_13 (I1), Brushbloom_13 (F1), Bubbles123_11 (F1), Burwell21_11 (F1), BuzzLyseyear_12 (F1), ByChance_11 (F1), Byougenkin_11 (F1), Cabrinians_11 (F1), CaptainTrips_12 (F1), Catdawg_47 (O), Cerasum_12 (F1), Che8_11 (F1), Che9c_12 (I2), CheesePuff_11 (F1), Chevrolet_11 (F1), ChickenDinner_12 (F1), Chuckly_11 (F1), Clifton_11 (F1), Coco12_12 (F1), Corium_11 (F1), Corndog_49 (O), Cornucopia_12 (F1), Crumble_11 (F1), DLane_11 (F1), DRBy19_11 (F1), DaWorst_12 (F1), DaddyRickover_11 (F1), Dante_11 (F1), DeadP_11 (F1), Deb65_11 (F1), DillTech15_11 (F1), DirtMcGirt_12 (F1), DoRead_11 (F1), DocMcStuffins_12 (F1), Donkeykong_11 (F1), Doomphist_11 (F1), DosHalletts_12 (F1), DotProduct_11 (F1), Doug_11 (F1), Dylan_46 (O), Eish_11 (F1), EleanorGeorge_11 (F1), EmiMonkey_11 (F1), Emma_11 (F1), Emmaloid_13 (F1), Enby_12 (F1), Eradicator_11 (F1), Estave1_11 (F1), FAMILTON_48 (O), Fancypants_11 (F1), Fastidio_11 (F1), Filuzino_11 (F1), Firecracker_47 (O), Firehouse51_11 (F1), Flathead_12 (F1), Florinda_11 (F1), FoulBall_47 (O), Frankie_12 (F1), FreddyB_11 (F1), Fruitloop_11 (F1), Gumbie_11 (F1), Galactic_11 (F1), Gandolph_11 (F1), Geralt_11 (F1), GigiOuiOui_11 (F1), Girafales_12 (F1), Girr_11 (F1), Gorge_11 (F1), Grimmer_12 (F1), Guppsters_11 (F1), HC_13 (I1), Hades_11 (F1), Hamulus_11 (F1), Harley_11 (F1), Hegedechwinu_12 (F1), Hlubikazi_11 (F1), IMpilo_11 (F1), IbOuu_11 (F1), Ibhubesi_11 (F1), Idergollasper_47 (O), IrishSherpFalk_11 (F1), Island3_13 (I1), JalFarm20_12 (F1), James_11 (F1), JangDynasty_47 (O), Jant_11 (F1), Jarcob_11 (F1), Jinglebell_11 (F1), Job42_12 (F1), JoeyJr_11 (F1), Juice456_12 (F1), Juniper1_11 (F1), Karhdo_11 (F1), Kenuha5_11 (F1), Kersh_11 (F1), Kimberlium_12 (F1), KingJulian_11 (F1), KingMidas_11 (F1), KingPhillip3_46 (O), Kingsley_12 (F1), Koella_11 (F1), Krakatau_12 (F1), Krili_46 (O), KristaRAM_12 (F1), LastJedi_11 (F1), Latretium_11 (F1), Leozinho_12 (F1), Leperchaun_11 (F1), LilMoolah_11 (F1), LittleShirley_12 (F1), Lizziana_11 (F1), Llama_11 (F1), Llij_11 (F1), Lorde_12 (F1), LunaBlu_11 (F1), LunaStella_12 (F4), MadKillah_48 (O), MadMen_11 (F1), Madiba_12 (F1), Mahavrat_11 (F1), Mandlovu_11 (F1), Mantra_11 (F1), Maravista_11 (F1), Marker_12 (F1), Martik_11 (F1), Mattes_11 (F1), Melissauren88_11 (F1), MilanaBonita_12 (F1), MilleniumForce_12 (F1), MinionDave_12 (F1), Minnie_11 (F1), Misha28_12 (F1), MisterCuddles_11 (F1), Modragons_11 (F1), MooMoo_11 (singleton), Moonbeam_11 (F1), Mori_46 (O), Mova_12 (F1), Mozy_12 (F1), Ms6_11 (F1), MulchExplorer_13 (F1), MulchSalad_11 (F), Murai_47 (O), Mutaforma13_11 (F1), NewHope4_11 (F1), NiebruSaylor_46 (O), Nimbo_11 (F1), Nitzel_12 (F1), Nivrat_11 (F1), NormanBulbieJr_11 (F1), Ochi17_11 (F1), OfUltron_11 (F1), Oksu_12 (F1), OldBen_11 (F1), OlympiaSaint_11 (F1), Ovechkin_11 (F1), OwlsT2W_12 (F1), PHappiness_11 (F1), PMC_11 (F1), Phalconet_11 (F1), Phanphagia_11 (F1), Phasih_11 (F1), Phatniss_11 (F1), PhesterPotato_11 (F1), Philus_11 (F1), PhilipPhlop_11 (F1), Piper2020_12 (F1), Pippy_11 (F1), Plumbus_12 (F1), Poenanya_11 (F1), Polka14_11 (F1), Pollywog_12 (F1), Polo2Bam_12 (F1), PopTart_11 (F1), Priscilla_11 (F1), QueenHazel_13 (I1), QuickMath_11 (F1), Quico_12 (F1), Radiance_11 (F1), Ramsey_12 (F1), RedBird_11 (F1), Renaud18_12 (F4), Rialto_12 (F1), Rita_11 (F1), Rockne_11 (F1), RockyHorror_12 (F1), Royals2015_11 (F1), Ryadel_51 (O), Saal_11 (F1), Sabbb_11 (F1), Sandalphon_11 (F1), Sarma624_12 (F1), Sassafras_11 (F1), SassyB_11 (F1), Sbash_12 (I2), SchoolBus_47 (O), Schuy_48 (O), Scottish_11 (F1), Seabastian_11 (F1), Seagreen_12 (F1), Shauna1_11 (F1), Shida_47 (O), ShowerHandel_11 (F1), ShroomBoi_11 (F1), SiSi_11 (F1), SimranZ1_12 (F1), Slim_13 (F1), Smooch_49 (O), Sparkdehlily_11 (F1), Spartacus_11 (F1), Spikelee_12 (F1), Spoonbill_11 (F1), Squirty_12 (F3), StAnnes_11 (F1), Stap_12 (F1), Strokeseat_11 (F1), Stuck_12 (I2),

SuperGrey_11 (F1), SwagPiggett_11 (F1), TChen_12 (F4), TDanisky_11 (F1), Taj_11 (F1), Tchotchke_12 (F1), TelAviv_44 (O), ThetaBob_12 (F4), TootsiePop_12 (F1), Tootsieroll_12 (F1), Toron_12 (F6), Totinger_12 (F1), Tweety_11 (F1), VRedHorse_11 (F1), Vagabond_47 (O), Velveteen_12 (F1), Veteran_11 (F1), Violic_11 (F1), Vivum_11 (F1), Vorrps_46 (O), Wachhund_11 (F1), Wee_11 (F1), Whatsapiecost_11 (F1), Whouxphf_11 (F1), Wildflower_47 (O), WillSterrel_11 (F1), Winget_48 (O), Wogge42_46 (O), XFactor_11 (F1), Xula_12 (I1), Yorick_11 (F1), YungJamal_50 (O), Zakhe101_47 (O), Zebo_46 (O), Zerg_11 (F1), Zizzle_11 (F1),

Summary by clusters:

There are 19 clusters represented in this pham: P2, F1, F, P1, E, P4, F6, P5, I1, F4, P3, J, singleton, O, N, F3, P6, I2, F5,

Info for manual annotations of cluster E:

- Start number 11 was manually annotated 124 times for cluster E.
- Start number 13 was manually annotated 1 time for cluster E.

Info for manual annotations of cluster F1:

- Start number 22 was manually annotated 3 times for cluster F1.
- Start number 23 was manually annotated 9 times for cluster F1.
- Start number 24 was manually annotated 1 time for cluster F1.
- Start number 27 was manually annotated 2 times for cluster F1.
- Start number 34 was manually annotated 201 times for cluster F1.

Info for manual annotations of cluster F3:

- Start number 34 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster F4:

- Start number 34 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster F5:

- Start number 21 was manually annotated 1 time for cluster F5.

Info for manual annotations of cluster I1:

- Start number 30 was manually annotated 1 time for cluster I1.
- Start number 34 was manually annotated 5 times for cluster I1.

Info for manual annotations of cluster I2:

- Start number 34 was manually annotated 2 times for cluster I2.

Info for manual annotations of cluster J:

- Start number 9 was manually annotated 40 times for cluster J.

Info for manual annotations of cluster N:

- Start number 10 was manually annotated 43 times for cluster N.

Info for manual annotations of cluster O:

- Start number 34 was manually annotated 28 times for cluster O.

Info for manual annotations of cluster P1:

- Start number 10 was manually annotated 40 times for cluster P1.

Info for manual annotations of cluster P2:

- Start number 10 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P3:

- Start number 10 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster P4:

- Start number 10 was manually annotated 2 times for cluster P4.

Info for manual annotations of cluster P5:

- Start number 10 was manually annotated 2 times for cluster P5.

Info for manual annotations of cluster P6:

- Start number 10 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: 244_19 Start: 10603, Stop: 11577, Start Num: 11

Candidate Starts for 244_19:

(Start: 11 @10603 has 124 MA's), (Start: 13 @10612 has 1 MA's), (16, 10672), (37, 10825), (50, 10921), (56, 10996), (61, 11041), (66, 11083), (68, 11101), (100, 11272), (106, 11302), (111, 11326), (115, 11335), (126, 11434), (130, 11455), (139, 11506),

Gene: ABCat_18 Start: 11378, Stop: 12349, Start Num: 11

Candidate Starts for ABCat_18:

(Start: 11 @11378 has 124 MA's), (Start: 13 @11387 has 1 MA's), (16, 11447), (37, 11600), (50, 11696), (56, 11771), (61, 11816), (66, 11858), (68, 11876), (100, 12047), (103, 12068), (108, 12089), (115, 12110), (120, 12155), (126, 12209), (131, 12242), (133, 12254), (139, 12281),

Gene: Adnama_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for Adnama_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Aggie_13 Start: 7878, Stop: 8936, Start Num: 10

Candidate Starts for Aggie_13:

(6, 7815), (Start: 10 @7878 has 90 MA's), (16, 7968), (25, 8034), (38, 8163), (50, 8256), (63, 8391), (71, 8448), (75, 8460), (91, 8571), (93, 8583), (94, 8589), (102, 8637), (116, 8700), (122, 8757), (129, 8808), (130, 8811), (144, 8901),

Gene: Akhila_12 Start: 8280, Stop: 9089, Start Num: 34

Candidate Starts for Akhila_12:

(Start: 34 @8280 has 242 MA's), (35, 8292), (42, 8361), (43, 8370), (48, 8406), (51, 8430), (52, 8436), (57, 8499), (69, 8598), (73, 8613), (74, 8616), (75, 8619), (77, 8649), (79, 8670), (81, 8679), (92, 8733), (121, 8895), (129, 8967), (132, 8988), (141, 9039), (142, 9045),

Gene: Alexphander_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Alexphander_12:

(Start: 34 @7463 has 242 MA's), (35, 7475), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (96, 7943), (121, 8078), (129, 8150), (130, 8153), (132, 8171), (141, 8222), (142, 8228),

Gene: Alkhayr_45 Start: 23768, Stop: 24583, Start Num: 34

Candidate Starts for Alkhayr_45:

(Start: 34 @23768 has 242 MA's), (42, 23849), (57, 23990), (59, 24005), (73, 24104), (76, 24122), (85, 24185), (87, 24197), (89, 24212), (114, 24329), (128, 24455),

Gene: Aloeri_12 Start: 7464, Stop: 8273, Start Num: 34

Candidate Starts for Aloeri_12:

(Start: 23 @7392 has 9 MA's), (Start: 27 @7407 has 2 MA's), (Start: 34 @7464 has 242 MA's), (35, 7476), (43, 7554), (48, 7590), (51, 7614), (52, 7620), (57, 7683), (73, 7797), (74, 7800), (75, 7803), (77, 7833), (79, 7854), (81, 7863), (92, 7917), (96, 7944), (121, 8079), (129, 8151), (132, 8172), (141, 8223), (142, 8229),

Gene: AlpineSix_11 Start: 7607, Stop: 8416, Start Num: 34

Candidate Starts for AlpineSix_11:

(Start: 27 @7550 has 2 MA's), (Start: 34 @7607 has 242 MA's), (35, 7619), (43, 7697), (48, 7733), (51, 7757), (52, 7763), (57, 7826), (72, 7937), (73, 7940), (74, 7943), (75, 7946), (77, 7976), (79, 7997), (81, 8006), (90, 8054), (92, 8060), (95, 8084), (121, 8222), (129, 8294), (132, 8315), (141, 8366), (142, 8372),

Gene: Amao_19 Start: 10592, Stop: 11554, Start Num: 13

Candidate Starts for Amao_19:

(Start: 11 @10583 has 124 MA's), (Start: 13 @10592 has 1 MA's), (16, 10652), (37, 10805), (50, 10901), (56, 10976), (61, 11021), (66, 11063), (68, 11081), (100, 11252), (106, 11282), (111, 11306), (115, 11315), (126, 11414), (130, 11435), (139, 11486),

Gene: AmericanBeauty_20 Start: 10832, Stop: 11806, Start Num: 11

Candidate Starts for AmericanBeauty_20:

(Start: 11 @10832 has 124 MA's), (Start: 13 @10841 has 1 MA's), (16, 10901), (37, 11054), (50, 11150), (56, 11225), (61, 11270), (66, 11312), (68, 11330), (100, 11501), (106, 11531), (111, 11555), (115, 11564), (126, 11663), (130, 11684),

Gene: Andies_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Andies_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: ArcusAngelus_11 Start: 7620, Stop: 8429, Start Num: 34

Candidate Starts for ArcusAngelus_11:

(Start: 34 @7620 has 242 MA's), (35, 7632), (42, 7701), (43, 7710), (48, 7746), (51, 7770), (52, 7776), (57, 7839), (73, 7953), (74, 7956), (77, 7989), (79, 8010), (81, 8019), (92, 8073), (96, 8100), (113, 8175), (129, 8307), (132, 8328), (141, 8379), (142, 8385),

Gene: Ardmore_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Ardmore_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Argent26_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for Argent26_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Arib1_14 Start: 8818, Stop: 9816, Start Num: 10

Candidate Starts for Arib1_14:

(7, 8779), (Start: 10 @8818 has 90 MA's), (Start: 13 @8842 has 1 MA's), (17, 8908), (19, 8926), (29, 8962), (40, 9097), (45, 9133), (60, 9283), (67, 9337), (70, 9349), (80, 9418), (97, 9493), (101, 9514), (127, 9676), (143, 9769), (147, 9793),

Gene: Ariel_29 Start: 15912, Stop: 16916, Start Num: 9

Candidate Starts for Ariel_29:

(Start: 9 @15912 has 40 MA's), (16, 16038), (39, 16188), (41, 16218), (45, 16242), (74, 16467), (79, 16521), (111, 16662), (120, 16719), (126, 16773),

Gene: Ashwin_48 Start: 23766, Stop: 24581, Start Num: 34

Candidate Starts for Ashwin_48:

(Start: 34 @23766 has 242 MA's), (42, 23847), (57, 23988), (59, 24003), (73, 24102), (76, 24120), (85, 24183), (87, 24195), (89, 24210), (114, 24327), (128, 24453),

Gene: Asriel_18 Start: 10250, Stop: 11221, Start Num: 11

Candidate Starts for Asriel_18:

(Start: 11 @10250 has 124 MA's), (Start: 13 @10259 has 1 MA's), (16, 10319), (37, 10472), (50, 10568), (56, 10643), (61, 10688), (66, 10730), (68, 10748), (100, 10919), (106, 10949), (111, 10973), (115, 10982), (126, 11081), (130, 11102), (139, 11153),

Gene: Atcoo_14 Start: 8838, Stop: 9836, Start Num: 10

Candidate Starts for Atcoo_14:

(7, 8799), (Start: 10 @8838 has 90 MA's), (Start: 13 @8862 has 1 MA's), (17, 8928), (19, 8946), (40, 9117), (45, 9153), (60, 9303), (67, 9357), (70, 9369), (80, 9438), (97, 9513), (101, 9534), (127, 9696), (143, 9789), (147, 9813),

Gene: Aubs_11 Start: 7628, Stop: 8437, Start Num: 34

Candidate Starts for Aubs_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7628 has 242 MA's), (35, 7640), (42, 7709), (43, 7718), (48, 7754), (51, 7778), (52, 7784), (57, 7847), (73, 7961), (74, 7964), (77, 7997), (79, 8018), (81, 8027), (92, 8081), (96, 8108), (113, 8183), (129, 8315), (132, 8336), (141, 8387), (142, 8393),

Gene: Awesomesauce_12 Start: 7464, Stop: 8273, Start Num: 34

Candidate Starts for Awesomesauce_12:

(Start: 23 @7392 has 9 MA's), (Start: 27 @7407 has 2 MA's), (Start: 34 @7464 has 242 MA's), (35, 7476), (43, 7554), (48, 7590), (51, 7614), (52, 7620), (57, 7683), (73, 7797), (74, 7800), (75, 7803), (77, 7833), (79, 7854), (81, 7863), (90, 7911), (92, 7917), (96, 7944), (121, 8079), (129, 8151), (132, 8172), (141, 8223), (142, 8229),

Gene: BAKA_28 Start: 17998, Stop: 19002, Start Num: 9

Candidate Starts for BAKA_28:

(Start: 9 @17998 has 40 MA's), (16, 18124), (39, 18274), (41, 18304), (45, 18328), (63, 18499), (74, 18553), (79, 18607), (84, 18628), (87, 18643), (108, 18736), (109, 18739), (111, 18748), (120, 18805), (130, 18877), (136, 18910), (145, 18970),

Gene: BabeRuth_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for BabeRuth_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: BaboJay_18 Start: 10914, Stop: 11885, Start Num: 11

Candidate Starts for BaboJay_18:

(Start: 11 @10914 has 124 MA's), (Start: 13 @10923 has 1 MA's), (16, 10983), (37, 11136), (50, 11232), (56, 11307), (61, 11352), (66, 11394), (68, 11412), (100, 11583), (106, 11613), (111, 11637), (115, 11646), (117, 11661), (126, 11745), (139, 11817),

Gene: Babsiella_13 Start: 8812, Stop: 9663, Start Num: 30

Candidate Starts for Babsiella_13:

(Start: 30 @8812 has 1 MA's), (Start: 34 @8863 has 242 MA's), (43, 8959), (52, 9022), (59, 9100), (73, 9199), (77, 9235), (125, 9511), (132, 9571), (134, 9577),

Gene: BadStone_18 Start: 11378, Stop: 12349, Start Num: 11

Candidate Starts for BadStone_18:

(Start: 11 @11378 has 124 MA's), (Start: 13 @11387 has 1 MA's), (16, 11447), (37, 11600), (50, 11696), (56, 11771), (61, 11816), (66, 11858), (68, 11876), (100, 12047), (103, 12068), (108, 12089), (115, 12110), (120, 12155), (126, 12209), (131, 12242), (133, 12254), (139, 12281),

Gene: Bagrid_29 Start: 17787, Stop: 18791, Start Num: 9

Candidate Starts for Bagrid_29:

(Start: 9 @17787 has 40 MA's), (16, 17913), (39, 18063), (41, 18093), (45, 18117), (63, 18288), (74, 18342), (79, 18396), (84, 18417), (87, 18432), (108, 18525), (109, 18528), (111, 18537), (120, 18594), (130, 18666), (136, 18699), (145, 18759),

Gene: Balomoji_18 Start: 11112, Stop: 12083, Start Num: 11

Candidate Starts for Balomoji_18:

(Start: 11 @11112 has 124 MA's), (Start: 13 @11121 has 1 MA's), (16, 11181), (37, 11334), (50, 11430), (56, 11505), (61, 11550), (66, 11592), (68, 11610), (100, 11781), (103, 11802), (108, 11823), (115, 11844), (120, 11889), (126, 11943), (131, 11976), (133, 11988), (139, 12015),

Gene: Barbarian_18 Start: 10250, Stop: 11221, Start Num: 11

Candidate Starts for Barbarian_18:

(Start: 11 @10250 has 124 MA's), (Start: 13 @10259 has 1 MA's), (16, 10319), (37, 10472), (50, 10568), (56, 10643), (61, 10688), (66, 10730), (68, 10748), (100, 10919), (106, 10949), (111, 10973), (115, 10982), (126, 11081), (130, 11102), (139, 11153),

Gene: Bartholomew_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Bartholomew_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Bask21_18 Start: 10045, Stop: 11016, Start Num: 11

Candidate Starts for Bask21_18:

(Start: 11 @10045 has 124 MA's), (Start: 13 @10054 has 1 MA's), (16, 10114), (37, 10267), (50, 10363), (56, 10438), (61, 10483), (66, 10525), (68, 10543), (100, 10714), (106, 10744), (111, 10768), (115, 10777), (126, 10876), (130, 10897), (139, 10948),

Gene: Batiatus_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Batiatus_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Beakin_12 Start: 7465, Stop: 8274, Start Num: 34

Candidate Starts for Beakin_12:

(Start: 27 @7408 has 2 MA's), (Start: 34 @7465 has 242 MA's), (35, 7477), (43, 7555), (48, 7591), (51, 7615), (52, 7621), (57, 7684), (73, 7798), (74, 7801), (75, 7804), (77, 7834), (79, 7855), (81, 7864), (90, 7912), (92, 7918), (96, 7945), (121, 8080), (129, 8152), (132, 8173), (141, 8224), (142, 8230),

Gene: Becksu_18 Start: 11022, Stop: 11996, Start Num: 11

Candidate Starts for Becksu_18:

(Start: 11 @11022 has 124 MA's), (Start: 13 @11031 has 1 MA's), (16, 11091), (37, 11244), (50, 11340), (56, 11415), (61, 11460), (66, 11502), (68, 11520), (100, 11691), (106, 11721), (111, 11745), (115, 11754), (126, 11853), (130, 11874), (139, 11925),

Gene: Beem_31 Start: 18353, Stop: 19357, Start Num: 9

Candidate Starts for Beem_31:

(Start: 9 @18353 has 40 MA's), (16, 18479), (39, 18629), (41, 18659), (45, 18683), (63, 18854), (74, 18908), (79, 18962), (84, 18983), (87, 18998), (108, 19091), (109, 19094), (111, 19103), (120, 19160), (130, 19232), (136, 19265), (145, 19325),

Gene: Bench_20 Start: 10708, Stop: 11682, Start Num: 11

Candidate Starts for Bench_20:

(Start: 11 @10708 has 124 MA's), (Start: 13 @10717 has 1 MA's), (16, 10777), (37, 10930), (50, 11026), (56, 11101), (61, 11146), (66, 11188), (68, 11206), (100, 11377), (106, 11407), (111, 11431), (115, 11440), (126, 11539), (130, 11560), (139, 11611),

Gene: Bhagsy_14 Start: 8841, Stop: 9839, Start Num: 10

Candidate Starts for Bhagsy_14:

(7, 8802), (Start: 10 @8841 has 90 MA's), (Start: 13 @8865 has 1 MA's), (17, 8931), (19, 8949), (40, 9120), (45, 9156), (60, 9306), (67, 9360), (70, 9372), (80, 9441), (97, 9516), (101, 9537), (127, 9699), (143, 9792), (147, 9816),

Gene: BigBubba_18 Start: 10091, Stop: 11065, Start Num: 11

Candidate Starts for BigBubba_18:

(Start: 11 @10091 has 124 MA's), (Start: 13 @10100 has 1 MA's), (16, 10160), (37, 10313), (50, 10409), (56, 10484), (61, 10529), (66, 10571), (68, 10589), (100, 10760), (106, 10790), (111, 10814), (115, 10823), (126, 10922), (130, 10943), (139, 10994),

Gene: BigNuz_13 Start: 8552, Stop: 9550, Start Num: 10

Candidate Starts for BigNuz_13:

(8, 8513), (Start: 10 @8552 has 90 MA's), (Start: 13 @8576 has 1 MA's), (16, 8636), (19, 8660), (40, 8831), (45, 8867), (47, 8879), (49, 8900), (53, 8954), (62, 9029), (67, 9071), (70, 9083), (101, 9248), (106, 9266), (112, 9293), (123, 9374), (130, 9425), (139, 9476), (143, 9503),

Gene: BigPhil_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for BigPhil_12:

(Start: 27 @7403 has 2 MA's), (Start: 34 @7460 has 242 MA's), (35, 7472), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (92, 7913), (121, 8075), (132, 8168), (141, 8219), (142, 8225),

Gene: BilboSwaggins_19 Start: 11388, Stop: 12350, Start Num: 13

Candidate Starts for BilboSwaggins_19:

(Start: 11 @11379 has 124 MA's), (Start: 13 @11388 has 1 MA's), (16, 11448), (37, 11601), (50, 11697), (56, 11772), (61, 11817), (66, 11859), (68, 11877), (100, 12048), (103, 12069), (108, 12090), (115, 12111), (120, 12156), (126, 12210), (131, 12243), (133, 12255), (139, 12282),

Gene: Bipolar_11 Start: 7599, Stop: 8408, Start Num: 34

Candidate Starts for Bipolar_11:

(Start: 34 @7599 has 242 MA's), (35, 7611), (42, 7680), (48, 7725), (51, 7749), (52, 7755), (57, 7818), (72, 7929), (73, 7932), (74, 7935), (75, 7938), (77, 7968), (79, 7989), (81, 7998), (92, 8052), (96, 8079), (98, 8085), (121, 8214), (129, 8286), (132, 8307), (141, 8358), (142, 8364),

Gene: Blessica_48 Start: 24169, Stop: 24984, Start Num: 34

Candidate Starts for Blessica_48:

(Start: 34 @24169 has 242 MA's), (42, 24250), (57, 24391), (59, 24406), (73, 24505), (76, 24523), (85, 24586), (87, 24598), (89, 24613), (114, 24730), (128, 24856),

Gene: Blexus_11 Start: 7553, Stop: 8434, Start Num: 23

Candidate Starts for Blexus_11:

(Start: 23 @7553 has 9 MA's), (Start: 27 @7568 has 2 MA's), (Start: 34 @7625 has 242 MA's), (35, 7637), (48, 7751), (51, 7775), (52, 7781), (57, 7844), (73, 7958), (74, 7961), (75, 7964), (77, 7994), (79, 8015), (81, 8024), (92, 8078), (96, 8105), (121, 8240), (132, 8333), (141, 8384), (142, 8390),

Gene: BlueCrab_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for BlueCrab_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: BobaPhett_11 Start: 7601, Stop: 8410, Start Num: 34

Candidate Starts for BobaPhett_11:

(Start: 27 @7544 has 2 MA's), (Start: 34 @7601 has 242 MA's), (35, 7613), (43, 7691), (48, 7727), (51, 7751), (52, 7757), (57, 7820), (73, 7934), (74, 7937), (75, 7940), (77, 7970), (79, 7991), (81, 8000), (90, 8048), (92, 8054), (95, 8078), (121, 8216), (129, 8288), (132, 8309), (139, 8342), (141, 8360), (142, 8366),

Gene: Bobby_32 Start: 18306, Stop: 19310, Start Num: 9

Candidate Starts for Bobby_32:

(Start: 9 @18306 has 40 MA's), (16, 18432), (39, 18582), (41, 18612), (45, 18636), (63, 18807), (74, 18861), (79, 18915), (84, 18936), (87, 18951), (108, 19044), (109, 19047), (111, 19056), (120, 19113), (130, 19185), (136, 19218), (145, 19278),

Gene: Bobi_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for Bobi_12:

(Start: 27 @7403 has 2 MA's), (Start: 34 @7460 has 242 MA's), (35, 7472), (43, 7550), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (92, 7913), (121, 8075), (129, 8147), (132, 8168), (141, 8219), (142, 8225),

Gene: BodEinwohner17_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for BodEinwohner17_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Bogie_13 Start: 8552, Stop: 9550, Start Num: 10

Candidate Starts for Bogie_13:

(2, 8351), (4, 8402), (7, 8513), (Start: 10 @8552 has 90 MA's), (Start: 13 @8576 has 1 MA's), (17, 8642), (19, 8660), (29, 8696), (40, 8831), (45, 8867), (60, 9017), (67, 9071), (70, 9083), (80, 9152), (97, 9227), (101, 9248), (127, 9410), (143, 9503), (147, 9527),

Gene: Bombitas_28 Start: 17663, Stop: 18667, Start Num: 9

Candidate Starts for Bombitas_28:

(Start: 9 @17663 has 40 MA's), (16, 17789), (39, 17939), (41, 17969), (45, 17993), (63, 18164), (74, 18218), (79, 18272), (84, 18293), (87, 18308), (108, 18401), (109, 18404), (111, 18413), (120, 18470), (130, 18542), (136, 18575), (145, 18635),

Gene: Boomer_12 Start: 7386, Stop: 8270, Start Num: 22

Candidate Starts for Boomer_12:

(Start: 22 @7386 has 3 MA's), (Start: 23 @7389 has 9 MA's), (Start: 27 @7404 has 2 MA's), (Start: 34 @7461 has 242 MA's), (35, 7473), (43, 7551), (48, 7587), (51, 7611), (52, 7617), (57, 7680), (73, 7794), (74, 7797), (75, 7800), (77, 7830), (79, 7851), (81, 7860), (90, 7908), (92, 7914), (96, 7941), (121, 8076), (129, 8148), (132, 8169), (141, 8220), (142, 8226),

Gene: Bora_44 Start: 23219, Stop: 24034, Start Num: 34

Candidate Starts for Bora_44:

(Start: 34 @23219 has 242 MA's), (42, 23300), (57, 23441), (59, 23456), (73, 23555), (76, 23573), (85, 23636), (87, 23648), (89, 23663), (114, 23780), (128, 23906),

Gene: Bosection6_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Bosection6_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Brocalys_11 Start: 7598, Stop: 8407, Start Num: 34

Candidate Starts for Brocalys_11:

(Start: 34 @7598 has 242 MA's), (35, 7610), (43, 7688), (48, 7724), (51, 7748), (52, 7754), (57, 7817), (73, 7931), (74, 7934), (75, 7937), (77, 7967), (79, 7988), (81, 7997), (92, 8051), (121, 8213), (132, 8306), (141, 8357), (142, 8363),

Gene: Brookers_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for Brookers_12:

(Start: 27 @7403 has 2 MA's), (Start: 34 @7460 has 242 MA's), (35, 7472), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (92, 7913), (121, 8075), (132, 8168), (141, 8219), (142, 8225),

Gene: Bruin_18 Start: 10886, Stop: 11857, Start Num: 11

Candidate Starts for Bruin_18:

(Start: 11 @10886 has 124 MA's), (Start: 13 @10895 has 1 MA's), (16, 10955), (37, 11108), (50, 11204), (56, 11279), (61, 11324), (66, 11366), (68, 11384), (100, 11555), (106, 11585), (111, 11609), (115, 11618), (126, 11717), (130, 11738), (139, 11789),

Gene: Brujita_13 Start: 8865, Stop: 9665, Start Num: 34

Candidate Starts for Brujita_13:

(31, 8820), (Start: 34 @8865 has 242 MA's), (43, 8961), (52, 9024), (59, 9102), (73, 9201), (77, 9237), (125, 9513), (132, 9573), (134, 9579),

Gene: Brusacoram_14 Start: 8837, Stop: 9835, Start Num: 10

Candidate Starts for Brusacoram_14:

(7, 8798), (Start: 10 @8837 has 90 MA's), (Start: 13 @8861 has 1 MA's), (17, 8927), (19, 8945), (40, 9116), (45, 9152), (60, 9302), (67, 9356), (70, 9368), (80, 9437), (97, 9512), (101, 9533), (127, 9695), (143, 9788), (147, 9812),

Gene: Brushbloom_13 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Brushbloom_13:

(28, 7406), (Start: 34 @7463 has 242 MA's), (35, 7475), (42, 7544), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (72, 7793), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (139, 8204), (141, 8222), (142, 8228),

Gene: Bubbles123_11 Start: 7629, Stop: 8438, Start Num: 34

Candidate Starts for Bubbles123_11:

(Start: 27 @7572 has 2 MA's), (Start: 34 @7629 has 242 MA's), (35, 7641), (43, 7719), (48, 7755), (51, 7779), (52, 7785), (57, 7848), (72, 7959), (73, 7962), (74, 7965), (75, 7968), (77, 7998), (79, 8019), (81, 8028), (90, 8076), (92, 8082), (96, 8109), (110, 8178), (121, 8244), (129, 8316), (132, 8337), (141, 8388), (142, 8394),

Gene: Buck_18 Start: 11335, Stop: 12306, Start Num: 11

Candidate Starts for Buck_18:

(Start: 11 @11335 has 124 MA's), (Start: 13 @11344 has 1 MA's), (16, 11404), (37, 11557), (50, 11653), (56, 11728), (61, 11773), (66, 11815), (68, 11833), (100, 12004), (106, 12034), (111, 12058), (115, 12067), (126, 12166), (130, 12187), (139, 12238),

Gene: BugsBunny_16 Start: 10452, Stop: 11423, Start Num: 11

Candidate Starts for BugsBunny_16:

(Start: 11 @10452 has 124 MA's), (Start: 13 @10461 has 1 MA's), (16, 10521), (37, 10674), (50, 10770), (56, 10845), (61, 10890), (66, 10932), (68, 10950), (100, 11121), (106, 11151), (111, 11175), (115, 11184), (126, 11283), (130, 11304), (139, 11355),

Gene: Bunnies_14 Start: 8850, Stop: 9848, Start Num: 10

Candidate Starts for Bunnies_14:

(7, 8811), (Start: 10 @8850 has 90 MA's), (Start: 13 @8874 has 1 MA's), (17, 8940), (19, 8958), (29, 8994), (40, 9129), (45, 9165), (60, 9315), (67, 9369), (70, 9381), (80, 9450), (97, 9525), (101, 9546), (127, 9708), (143, 9801), (147, 9825),

Gene: Burwell21_11 Start: 7608, Stop: 8417, Start Num: 34

Candidate Starts for Burwell21_11:

(Start: 23 @7536 has 9 MA's), (26, 7551), (Start: 34 @7608 has 242 MA's), (35, 7620), (43, 7698), (48, 7734), (51, 7758), (52, 7764), (57, 7827), (73, 7941), (74, 7944), (75, 7947), (77, 7977), (79, 7998), (81, 8007), (90, 8055), (92, 8061), (95, 8085), (121, 8223), (129, 8295), (132, 8316), (139, 8349), (141, 8367), (142, 8373),

Gene: Butters_13 Start: 7898, Stop: 8956, Start Num: 10

Candidate Starts for Butters_13:

(6, 7835), (Start: 10 @7898 has 90 MA's), (25, 8054), (50, 8276), (63, 8411), (71, 8468), (75, 8480), (93, 8603), (94, 8609), (99, 8636), (102, 8657), (116, 8720), (122, 8777), (129, 8828), (130, 8831),

(139, 8882), (140, 8888), (144, 8921), (145, 8924),

Gene: BuzzLyseyear_12 Start: 7459, Stop: 8268, Start Num: 34

Candidate Starts for BuzzLyseyear_12:

(Start: 27 @7402 has 2 MA's), (Start: 34 @7459 has 242 MA's), (35, 7471), (43, 7549), (48, 7585), (51, 7609), (52, 7615), (57, 7678), (73, 7792), (74, 7795), (75, 7798), (77, 7828), (79, 7849), (81, 7858), (92, 7912), (121, 8074), (129, 8146), (132, 8167), (141, 8218), (142, 8224),

Gene: ByChance_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for ByChance_11:

(Start: 34 @7611 has 242 MA's), (35, 7623), (43, 7701), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (92, 8064), (96, 8091), (121, 8226), (129, 8298), (132, 8319), (139, 8352), (141, 8370), (142, 8376),

Gene: Byougenkin_11 Start: 7602, Stop: 8411, Start Num: 34

Candidate Starts for Byougenkin_11:

(Start: 34 @7602 has 242 MA's), (35, 7614), (43, 7692), (48, 7728), (51, 7752), (52, 7758), (57, 7821), (72, 7932), (73, 7935), (74, 7938), (75, 7941), (77, 7971), (79, 7992), (81, 8001), (92, 8055), (129, 8289), (132, 8310), (141, 8361), (142, 8367),

Gene: Cabrinians_11 Start: 7601, Stop: 8410, Start Num: 34

Candidate Starts for Cabrinians_11:

(Start: 34 @7601 has 242 MA's), (35, 7613), (43, 7691), (48, 7727), (51, 7751), (52, 7757), (57, 7820), (73, 7934), (74, 7937), (75, 7940), (77, 7970), (79, 7991), (81, 8000), (92, 8054), (96, 8081), (121, 8216), (129, 8288), (132, 8309), (139, 8342), (141, 8360), (142, 8366),

Gene: Cactus_20 Start: 10591, Stop: 11562, Start Num: 11

Candidate Starts for Cactus_20:

(Start: 11 @10591 has 124 MA's), (Start: 13 @10600 has 1 MA's), (16, 10660), (37, 10813), (50, 10909), (56, 10984), (61, 11029), (66, 11071), (68, 11089), (100, 11260), (106, 11290), (111, 11314), (115, 11323), (126, 11422), (130, 11443), (139, 11494),

Gene: CactusJack_14 Start: 8837, Stop: 9835, Start Num: 10

Candidate Starts for CactusJack_14:

(7, 8798), (Start: 10 @8837 has 90 MA's), (Start: 13 @8861 has 1 MA's), (17, 8927), (19, 8945), (29, 8981), (45, 9152), (60, 9302), (67, 9356), (70, 9368), (80, 9437), (83, 9452), (101, 9533), (127, 9695), (143, 9788), (147, 9812),

Gene: Camster_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Camster_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: CaptainTrips_12 Start: 8279, Stop: 9088, Start Num: 34

Candidate Starts for CaptainTrips_12:

(Start: 24 @8207 has 1 MA's), (Start: 34 @8279 has 242 MA's), (35, 8291), (42, 8360), (43, 8369), (48, 8405), (51, 8429), (52, 8435), (57, 8498), (72, 8609), (73, 8612), (74, 8615), (77, 8648), (79, 8669), (81, 8678), (92, 8732), (121, 8894), (129, 8966), (132, 8987), (141, 9038), (142, 9044),

Gene: Carcharodon_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Carcharodon_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Catdawg_47 Start: 23858, Stop: 24673, Start Num: 34

Candidate Starts for Catdawg_47:

(Start: 34 @23858 has 242 MA's), (42, 23939), (57, 24080), (59, 24095), (73, 24194), (76, 24212), (85, 24275), (87, 24287), (89, 24302), (114, 24419), (128, 24545),

Gene: Cerasum_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for Cerasum_12:

(Start: 27 @7403 has 2 MA's), (Start: 34 @7460 has 242 MA's), (35, 7472), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (92, 7913), (121, 8075), (132, 8168), (141, 8219), (142, 8225),

Gene: Charlie_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Charlie_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Che8_11 Start: 7613, Stop: 8422, Start Num: 34

Candidate Starts for Che8_11:

(Start: 27 @7556 has 2 MA's), (Start: 34 @7613 has 242 MA's), (35, 7625), (43, 7703), (48, 7739), (51, 7763), (52, 7769), (57, 7832), (73, 7946), (74, 7949), (75, 7952), (77, 7982), (79, 8003), (81, 8012), (92, 8066), (96, 8093), (110, 8162), (121, 8228), (129, 8300), (132, 8321), (141, 8372), (142, 8378),

Gene: Che9c_12 Start: 8479, Stop: 9276, Start Num: 34

Candidate Starts for Che9c_12:

(Start: 30 @8431 has 1 MA's), (Start: 34 @8479 has 242 MA's), (43, 8575), (58, 8710), (73, 8815), (96, 8962), (119, 9076), (132, 9184), (134, 9190),

Gene: Cheesepuff_11 Start: 7612, Stop: 8421, Start Num: 34

Candidate Starts for Cheesepuff_11:

(Start: 34 @7612 has 242 MA's), (35, 7624), (43, 7702), (48, 7738), (51, 7762), (52, 7768), (57, 7831), (73, 7945), (74, 7948), (75, 7951), (77, 7981), (79, 8002), (81, 8011), (92, 8065), (96, 8092), (121, 8227), (129, 8299), (132, 8320), (141, 8371), (142, 8377),

Gene: Chevrolet_11 Start: 7620, Stop: 8429, Start Num: 34

Candidate Starts for Chevrolet_11:

(Start: 34 @7620 has 242 MA's), (35, 7632), (42, 7701), (43, 7710), (48, 7746), (51, 7770), (52, 7776), (57, 7839), (73, 7953), (74, 7956), (77, 7989), (79, 8010), (81, 8019), (92, 8073), (96, 8100), (113, 8175), (129, 8307), (132, 8328), (141, 8379), (142, 8385),

Gene: Chewbacca_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Chewbacca_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: ChickenDinner_12 Start: 7464, Stop: 8273, Start Num: 34

Candidate Starts for ChickenDinner_12:

(Start: 23 @7392 has 9 MA's), (Start: 27 @7407 has 2 MA's), (Start: 34 @7464 has 242 MA's), (35, 7476), (43, 7554), (48, 7590), (51, 7614), (52, 7620), (57, 7683), (73, 7797), (74, 7800), (75, 7803), (77, 7833), (79, 7854), (81, 7863), (92, 7917), (96, 7944), (121, 8079), (129, 8151), (132, 8172), (141, 8223), (142, 8229),

Gene: ChosenOne_17 Start: 10055, Stop: 11029, Start Num: 11

Candidate Starts for ChosenOne_17:

(Start: 11 @10055 has 124 MA's), (Start: 13 @10064 has 1 MA's), (16, 10124), (37, 10277), (50, 10373), (56, 10448), (61, 10493), (66, 10535), (68, 10553), (100, 10724), (106, 10754), (111, 10778), (115, 10787), (126, 10886), (130, 10907), (139, 10958),

Gene: ChotaBhai_18 Start: 10091, Stop: 11065, Start Num: 11

Candidate Starts for ChotaBhai_18:

(Start: 11 @10091 has 124 MA's), (Start: 13 @10100 has 1 MA's), (16, 10160), (37, 10313), (50, 10409), (56, 10484), (61, 10529), (66, 10571), (68, 10589), (100, 10760), (106, 10790), (111, 10814), (115, 10823), (126, 10922), (130, 10943), (139, 10994),

Gene: Chuckly_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Chuckly_11:

(Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (139, 8372), (141, 8390), (142, 8396),

Gene: Cjw1_18 Start: 11605, Stop: 12579, Start Num: 11

Candidate Starts for Cjw1_18:

(Start: 11 @11605 has 124 MA's), (Start: 13 @11614 has 1 MA's), (16, 11674), (37, 11827), (50, 11923), (56, 11998), (61, 12043), (66, 12085), (68, 12103), (100, 12274), (106, 12304), (111, 12328), (115, 12337), (126, 12436), (130, 12457), (139, 12508),

Gene: Clifton_11 Start: 7597, Stop: 8406, Start Num: 34

Candidate Starts for Clifton_11:

(Start: 34 @7597 has 242 MA's), (35, 7609), (43, 7687), (48, 7723), (51, 7747), (52, 7753), (57, 7816), (73, 7930), (74, 7933), (75, 7936), (77, 7966), (79, 7987), (81, 7996), (92, 8050), (96, 8077), (121, 8212), (132, 8305), (141, 8356), (142, 8362),

Gene: Coco12_12 Start: 7462, Stop: 8271, Start Num: 34

Candidate Starts for Coco12_12:

(Start: 34 @7462 has 242 MA's), (35, 7474), (43, 7552), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (90, 7909), (92, 7915), (121, 8077), (129, 8149), (132, 8170), (141, 8221), (142, 8227),

Gene: Command613_20 Start: 11647, Stop: 12618, Start Num: 11

Candidate Starts for Command613_20:

(Start: 11 @11647 has 124 MA's), (Start: 13 @11656 has 1 MA's), (16, 11716), (37, 11869), (50, 11965), (56, 12040), (61, 12085), (66, 12127), (68, 12145), (100, 12316), (103, 12337), (108, 12358), (115, 12379), (120, 12424), (126, 12478), (131, 12511), (133, 12523), (139, 12550),

Gene: Constella_26 Start: 17176, Stop: 18180, Start Num: 9

Candidate Starts for Constella_26:

(Start: 9 @17176 has 40 MA's), (16, 17302), (39, 17452), (41, 17482), (45, 17506), (63, 17677), (74, 17731), (79, 17785), (84, 17806), (87, 17821), (108, 17914), (109, 17917), (111, 17926), (120, 17983), (130, 18055), (136, 18088), (145, 18148),

Gene: Contagion_18 Start: 10886, Stop: 11857, Start Num: 11

Candidate Starts for Contagion_18:

(Start: 11 @10886 has 124 MA's), (Start: 13 @10895 has 1 MA's), (16, 10955), (37, 11108), (50, 11204), (56, 11279), (61, 11324), (66, 11366), (68, 11384), (100, 11555), (106, 11585), (111, 11609), (115, 11618), (126, 11717), (130, 11738), (139, 11789),

Gene: Cookies_19 Start: 11251, Stop: 12222, Start Num: 11

Candidate Starts for Cookies_19:

(Start: 11 @11251 has 124 MA's), (Start: 13 @11260 has 1 MA's), (16, 11320), (37, 11473), (50, 11569), (56, 11644), (61, 11689), (66, 11731), (68, 11749), (100, 11920), (106, 11950), (111, 11974), (115, 11983), (126, 12082), (130, 12103), (139, 12154),

Gene: Corium_11 Start: 7632, Stop: 8441, Start Num: 34

Candidate Starts for Corium_11:

(Start: 34 @7632 has 242 MA's), (35, 7644), (42, 7713), (43, 7722), (51, 7782), (52, 7788), (57, 7851), (73, 7965), (74, 7968), (77, 8001), (79, 8022), (81, 8031), (92, 8085), (129, 8319), (132, 8340), (141, 8391), (142, 8397),

Gene: Corndog_49 Start: 24316, Stop: 25131, Start Num: 34

Candidate Starts for Corndog_49:

(Start: 34 @24316 has 242 MA's), (42, 24397), (57, 24538), (59, 24553), (73, 24652), (76, 24670), (85, 24733), (87, 24745), (89, 24760), (114, 24877), (128, 25003),

Gene: Cornie_12 Start: 7811, Stop: 8707, Start Num: 21

Candidate Starts for Cornie_12:

(Start: 21 @7811 has 1 MA's), (Start: 34 @7898 has 242 MA's), (48, 8024), (52, 8054), (54, 8087), (55, 8099), (58, 8126), (73, 8231), (86, 8321), (121, 8513), (129, 8585), (132, 8606),

Gene: Cornucopia_12 Start: 7481, Stop: 8290, Start Num: 34

Candidate Starts for Cornucopia_12:

(Start: 34 @7481 has 242 MA's), (35, 7493), (42, 7562), (43, 7571), (48, 7607), (51, 7631), (52, 7637), (57, 7700), (72, 7811), (73, 7814), (74, 7817), (75, 7820), (77, 7850), (79, 7871), (81, 7880), (90, 7928), (92, 7934), (96, 7961), (110, 8030), (121, 8096), (129, 8168), (132, 8189), (141, 8240), (142, 8246),

Gene: Courthouse_29 Start: 16315, Stop: 17319, Start Num: 9

Candidate Starts for Courthouse_29:

(Start: 9 @16315 has 40 MA's), (16, 16441), (39, 16591), (41, 16621), (45, 16645), (74, 16870), (79, 16924), (111, 17065), (120, 17122), (126, 17176),

Gene: Crumble_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for Crumble_11:

(Start: 34 @7611 has 242 MA's), (35, 7623), (43, 7701), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (92, 8064), (96, 8091), (129, 8298), (132, 8319), (141, 8370), (142, 8376),

Gene: CrystalP_19 Start: 11379, Stop: 12350, Start Num: 11

Candidate Starts for CrystalP_19:

(Start: 11 @11379 has 124 MA's), (Start: 13 @11388 has 1 MA's), (16, 11448), (37, 11601), (50, 11697), (56, 11772), (61, 11817), (66, 11859), (68, 11877), (100, 12048), (103, 12069), (108, 12090), (115, 12111), (120, 12156), (126, 12210), (131, 12243), (133, 12255), (139, 12282),

Gene: Czyszczonek1_19 Start: 10590, Stop: 11564, Start Num: 11

Candidate Starts for Czyszczonek1_19:

(Start: 11 @10590 has 124 MA's), (Start: 13 @10599 has 1 MA's), (16, 10659), (37, 10812), (50, 10908), (56, 10983), (61, 11028), (66, 11070), (68, 11088), (100, 11259), (106, 11289), (111, 11313), (115, 11322), (126, 11421), (130, 11442), (139, 11493),

Gene: DLane_11 Start: 7630, Stop: 8439, Start Num: 34

Candidate Starts for DLane_11:

(12, 7432), (14, 7453), (15, 7456), (32, 7591), (Start: 34 @7630 has 242 MA's), (35, 7642), (42, 7711), (43, 7720), (48, 7756), (51, 7780), (52, 7786), (57, 7849), (69, 7948), (73, 7963), (74, 7966), (77, 7999), (79, 8020), (81, 8029), (92, 8083), (121, 8245), (129, 8317), (132, 8338), (141, 8389), (142, 8395),

Gene: DRBy19_11 Start: 7624, Stop: 8433, Start Num: 34

Candidate Starts for DRBy19_11:

(Start: 23 @7552 has 9 MA's), (Start: 27 @7567 has 2 MA's), (Start: 34 @7624 has 242 MA's), (35, 7636), (43, 7714), (48, 7750), (51, 7774), (52, 7780), (57, 7843), (73, 7957), (74, 7960), (75, 7963), (77, 7993), (79, 8014), (81, 8023), (92, 8077), (96, 8104), (121, 8239), (129, 8311), (132, 8332), (141, 8383), (142, 8389),

Gene: DaWorst_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for DaWorst_12:

(Start: 27 @7406 has 2 MA's), (Start: 34 @7463 has 242 MA's), (35, 7475), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: DaddyRickover_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for DaddyRickover_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Daenerys_11 Start: 7537, Stop: 8418, Start Num: 23

Candidate Starts for Daenerys_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Daikon_17 Start: 11113, Stop: 12084, Start Num: 11

Candidate Starts for Daikon_17:

(Start: 11 @11113 has 124 MA's), (Start: 13 @11122 has 1 MA's), (16, 11182), (37, 11335), (50, 11431), (56, 11506), (61, 11551), (66, 11593), (68, 11611), (100, 11782), (103, 11803), (108, 11824), (115, 11845), (120, 11890), (126, 11944), (131, 11977), (133, 11989), (139, 12016),

Gene: Dallas_31 Start: 17893, Stop: 18897, Start Num: 9

Candidate Starts for Dallas_31:

(Start: 9 @17893 has 40 MA's), (16, 18019), (39, 18169), (41, 18199), (45, 18223), (63, 18394), (74, 18448), (79, 18502), (84, 18523), (87, 18538), (108, 18631), (109, 18634), (111, 18643), (120, 18700), (130, 18772), (136, 18805), (145, 18865),

Gene: Dante_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for Dante_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (92, 8079), (96, 8106), (121,

8241), (129, 8313), (130, 8316), (132, 8334), (141, 8385), (142, 8391),

Gene: DeadP_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for DeadP_11:

(Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Deb65_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Deb65_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: DillTech15_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for DillTech15_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: DirtMcgirt_12 Start: 7464, Stop: 8273, Start Num: 34

Candidate Starts for DirtMcgirt_12:

(Start: 23 @7392 has 9 MA's), (Start: 27 @7407 has 2 MA's), (Start: 34 @7464 has 242 MA's), (35, 7476), (42, 7545), (43, 7554), (48, 7590), (51, 7614), (52, 7620), (57, 7683), (72, 7794), (73, 7797), (74, 7800), (75, 7803), (77, 7833), (79, 7854), (81, 7863), (92, 7917), (129, 8151), (132, 8172), (141, 8223), (142, 8229),

Gene: DmpstrDiver_30 Start: 18529, Stop: 19533, Start Num: 9

Candidate Starts for DmpstrDiver_30:

(Start: 9 @18529 has 40 MA's), (16, 18655), (39, 18805), (41, 18835), (45, 18859), (63, 19030), (74, 19084), (79, 19138), (84, 19159), (87, 19174), (108, 19267), (109, 19270), (111, 19279), (120, 19336), (130, 19408), (136, 19441), (145, 19501),

Gene: DoRead_11 Start: 7588, Stop: 8397, Start Num: 34

Candidate Starts for DoRead_11:

(Start: 34 @7588 has 242 MA's), (35, 7600), (42, 7669), (48, 7714), (51, 7738), (52, 7744), (57, 7807), (73, 7921), (74, 7924), (77, 7957), (79, 7978), (81, 7987), (92, 8041), (96, 8068), (98, 8074), (121, 8203), (129, 8275), (132, 8296), (141, 8347), (142, 8353),

Gene: DocMcStuffins_12 Start: 7464, Stop: 8273, Start Num: 34

Candidate Starts for DocMcStuffins_12:

(Start: 23 @7392 has 9 MA's), (Start: 27 @7407 has 2 MA's), (Start: 34 @7464 has 242 MA's), (35, 7476), (43, 7554), (48, 7590), (51, 7614), (52, 7620), (57, 7683), (73, 7797), (74, 7800), (75, 7803), (77, 7833), (79, 7854), (81, 7863), (92, 7917), (96, 7944), (121, 8079), (129, 8151), (132, 8172), (141, 8223), (142, 8229),

Gene: DoctorDiddles_19 Start: 10544, Stop: 11515, Start Num: 11

Candidate Starts for DoctorDiddles_19:

(Start: 11 @10544 has 124 MA's), (Start: 13 @10553 has 1 MA's), (16, 10613), (37, 10766), (50, 10862), (56, 10937), (61, 10982), (66, 11024), (68, 11042), (100, 11213), (106, 11243), (111, 11267), (115, 11276), (126, 11375), (130, 11396), (139, 11447),

Gene: Donkeykong_11 Start: 7627, Stop: 8436, Start Num: 34

Candidate Starts for Donkeykong_11:

(Start: 27 @7570 has 2 MA's), (Start: 34 @7627 has 242 MA's), (35, 7639), (43, 7717), (48, 7753), (51, 7777), (52, 7783), (57, 7846), (73, 7960), (74, 7963), (75, 7966), (77, 7996), (79, 8017), (81, 8026), (90, 8074), (92, 8080), (96, 8107), (121, 8242), (129, 8314), (132, 8335), (139, 8368), (141, 8386), (142, 8392),

Gene: Donovan_14 Start: 8819, Stop: 9817, Start Num: 10

Candidate Starts for Donovan_14:

(7, 8780), (Start: 10 @8819 has 90 MA's), (Start: 13 @8843 has 1 MA's), (17, 8909), (19, 8927), (29, 8963), (40, 9098), (45, 9134), (60, 9284), (67, 9338), (70, 9350), (80, 9419), (97, 9494), (101, 9515), (127, 9677), (143, 9770), (147, 9794),

Gene: Doomphist_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Doomphist_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Dorothy_11 Start: 7537, Stop: 8418, Start Num: 23

Candidate Starts for Dorothy_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: DosHalletts_12 Start: 7461, Stop: 8270, Start Num: 34

Candidate Starts for DosHalletts_12:

(Start: 22 @7386 has 3 MA's), (Start: 23 @7389 has 9 MA's), (Start: 27 @7404 has 2 MA's), (Start: 34 @7461 has 242 MA's), (35, 7473), (43, 7551), (48, 7587), (51, 7611), (52, 7617), (57, 7680), (73, 7794), (74, 7797), (75, 7800), (77, 7830), (79, 7851), (81, 7860), (90, 7908), (92, 7914), (96, 7941), (121, 8076), (129, 8148), (132, 8169), (141, 8220), (142, 8226),

Gene: DotProduct_11 Start: 7632, Stop: 8441, Start Num: 34

Candidate Starts for DotProduct_11:

(Start: 34 @7632 has 242 MA's), (35, 7644), (42, 7713), (43, 7722), (48, 7758), (51, 7782), (52, 7788), (57, 7851), (72, 7962), (73, 7965), (74, 7968), (75, 7971), (77, 8001), (79, 8022), (81, 8031), (92, 8085), (129, 8319), (132, 8340), (141, 8391), (142, 8397),

Gene: Doug_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for Doug_11:

(Start: 22 @7536 has 3 MA's), (Start: 23 @7539 has 9 MA's), (Start: 27 @7554 has 2 MA's), (Start: 34 @7611 has 242 MA's), (35, 7623), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (90, 8058), (92, 8064), (96, 8091), (121, 8226), (129, 8298), (132, 8319), (139, 8352), (141, 8370), (142, 8376),

Gene: Dove_29 Start: 17662, Stop: 18666, Start Num: 9

Candidate Starts for Dove_29:

(Start: 9 @17662 has 40 MA's), (16, 17788), (39, 17938), (41, 17968), (45, 17992), (63, 18163), (74, 18217), (79, 18271), (84, 18292), (87, 18307), (108, 18400), (109, 18403), (111, 18412), (120, 18469), (130, 18541), (136, 18574), (145, 18634),

Gene: DrDrey_19 Start: 11331, Stop: 12305, Start Num: 11

Candidate Starts for DrDrey_19:

(Start: 11 @11331 has 124 MA's), (Start: 13 @11340 has 1 MA's), (16, 11400), (37, 11553), (50, 11649), (56, 11724), (61, 11769), (66, 11811), (68, 11829), (100, 12000), (106, 12030), (111, 12054), (115, 12063), (126, 12162), (130, 12183), (139, 12234),

Gene: Drago_12 Start: 7390, Stop: 8271, Start Num: 23

Candidate Starts for Drago_12:

(Start: 23 @7390 has 9 MA's), (Start: 27 @7405 has 2 MA's), (Start: 34 @7462 has 242 MA's), (35, 7474), (42, 7543), (43, 7552), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (72, 7792), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (92, 7915), (129, 8149), (132, 8170), (141, 8221), (142, 8227),

Gene: Duke13_28 Start: 17927, Stop: 18931, Start Num: 9

Candidate Starts for Duke13_28:

(Start: 9 @17927 has 40 MA's), (16, 18053), (39, 18203), (41, 18233), (45, 18257), (63, 18428), (74, 18482), (79, 18536), (84, 18557), (87, 18572), (108, 18665), (109, 18668), (111, 18677), (120, 18734), (130, 18806), (136, 18839), (145, 18899),

Gene: Dumbo_18 Start: 10312, Stop: 11286, Start Num: 11

Candidate Starts for Dumbo_18:

(Start: 11 @10312 has 124 MA's), (Start: 13 @10321 has 1 MA's), (16, 10381), (37, 10534), (50, 10630), (56, 10705), (61, 10750), (66, 10792), (68, 10810), (100, 10981), (106, 11011), (111, 11035), (115, 11044), (126, 11143), (130, 11164), (139, 11215),

Gene: Duplicity_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Duplicity_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Dusk_18 Start: 11038, Stop: 12009, Start Num: 11

Candidate Starts for Dusk_18:

(Start: 11 @11038 has 124 MA's), (Start: 13 @11047 has 1 MA's), (16, 11107), (37, 11260), (50, 11356), (56, 11431), (61, 11476), (66, 11518), (68, 11536), (100, 11707), (103, 11728), (108, 11749), (115, 11770), (120, 11815), (126, 11869), (131, 11902), (133, 11914), (139, 11941),

Gene: Dylan_46 Start: 23571, Stop: 24386, Start Num: 34

Candidate Starts for Dylan_46:

(Start: 34 @23571 has 242 MA's), (42, 23652), (57, 23793), (59, 23808), (73, 23907), (76, 23925), (85, 23988), (87, 24000), (89, 24015), (114, 24132), (128, 24258),

Gene: Dynamo_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Dynamo_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: EGUunicorn_14 Start: 7878, Stop: 8936, Start Num: 10

Candidate Starts for EGUunicorn_14:

(6, 7815), (Start: 10 @7878 has 90 MA's), (16, 7968), (25, 8034), (38, 8163), (50, 8256), (63, 8391), (71, 8448), (75, 8460), (91, 8571), (93, 8583), (94, 8589), (102, 8637), (116, 8700), (122, 8757), (129, 8808), (130, 8811), (144, 8901),

Gene: Easy2Say_19 Start: 11578, Stop: 12552, Start Num: 11

Candidate Starts for Easy2Say_19:

(Start: 11 @11578 has 124 MA's), (Start: 13 @11587 has 1 MA's), (16, 11647), (37, 11800), (50, 11896), (56, 11971), (61, 12016), (66, 12058), (68, 12076), (100, 12247), (106, 12277), (111, 12301), (115, 12310), (126, 12409), (130, 12430), (139, 12481),

Gene: Eish_11 Start: 7600, Stop: 8409, Start Num: 34

Candidate Starts for Eish_11:

(Start: 27 @7543 has 2 MA's), (Start: 34 @7600 has 242 MA's), (35, 7612), (48, 7726), (51, 7750), (52, 7756), (57, 7819), (72, 7930), (73, 7933), (74, 7936), (75, 7939), (77, 7969), (79, 7990), (81, 7999), (90, 8047), (92, 8053), (121, 8215), (129, 8287), (132, 8308), (141, 8359), (142, 8365),

Gene: Ejimix_32 Start: 19103, Stop: 20107, Start Num: 9

Candidate Starts for Ejimix_32:

(Start: 9 @19103 has 40 MA's), (16, 19229), (39, 19379), (41, 19409), (45, 19433), (63, 19604), (74, 19658), (79, 19712), (84, 19733), (87, 19748), (108, 19841), (109, 19844), (111, 19853), (120, 19910), (130, 19982), (136, 20015), (145, 20075),

Gene: EleanorGeorge_11 Start: 7633, Stop: 8442, Start Num: 34

Candidate Starts for EleanorGeorge_11:

(Start: 34 @7633 has 242 MA's), (35, 7645), (42, 7714), (43, 7723), (48, 7759), (51, 7783), (52, 7789), (57, 7852), (73, 7966), (74, 7969), (77, 8002), (79, 8023), (81, 8032), (92, 8086), (121, 8248), (129, 8320), (132, 8341), (141, 8392), (142, 8398),

Gene: Elite2014_17 Start: 10055, Stop: 11029, Start Num: 11

Candidate Starts for Elite2014_17:

(Start: 11 @10055 has 124 MA's), (Start: 13 @10064 has 1 MA's), (16, 10124), (37, 10277), (50, 10373), (56, 10448), (61, 10493), (66, 10535), (68, 10553), (100, 10724), (106, 10754), (111, 10778), (115, 10787), (126, 10886), (130, 10907), (139, 10958),

Gene: Elph10_19 Start: 10315, Stop: 11289, Start Num: 11

Candidate Starts for Elph10_19:

(Start: 11 @10315 has 124 MA's), (Start: 13 @10324 has 1 MA's), (16, 10384), (37, 10537), (50, 10633), (56, 10708), (61, 10753), (66, 10795), (68, 10813), (100, 10984), (106, 11014), (111, 11038), (115, 11047), (126, 11146), (130, 11167), (139, 11218),

Gene: EmiMonkey_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for EmiMonkey_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (72, 7956), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (92, 8079), (121, 8241), (129, 8313), (132, 8334), (141, 8385), (142, 8391),

Gene: Emma_11 Start: 7630, Stop: 8439, Start Num: 34

Candidate Starts for Emma_11:

(26, 7570), (Start: 34 @7630 has 242 MA's), (35, 7642), (42, 7711), (43, 7720), (48, 7756), (51, 7780), (52, 7786), (57, 7849), (72, 7960), (73, 7963), (74, 7966), (75, 7969), (77, 7999), (79, 8020), (81, 8029), (92, 8083), (121, 8245), (129, 8317), (132, 8338), (141, 8389), (142, 8395),

Gene: Emmaloid_13 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Emmaloid_13:

(Start: 34 @7463 has 242 MA's), (35, 7475), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (72, 7793), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121,

8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: Emmina_18 Start: 10160, Stop: 11134, Start Num: 11

Candidate Starts for Emmina_18:

(Start: 11 @10160 has 124 MA's), (Start: 13 @10169 has 1 MA's), (16, 10229), (37, 10382), (50, 10478), (56, 10553), (61, 10598), (66, 10640), (68, 10658), (100, 10829), (106, 10859), (111, 10883), (115, 10892), (126, 10991), (130, 11012), (139, 11063),

Gene: Empress_11 Start: 7533, Stop: 8417, Start Num: 22

Candidate Starts for Empress_11:

(Start: 22 @7533 has 3 MA's), (Start: 23 @7536 has 9 MA's), (Start: 27 @7551 has 2 MA's), (Start: 34 @7608 has 242 MA's), (35, 7620), (43, 7698), (48, 7734), (51, 7758), (52, 7764), (57, 7827), (72, 7938), (73, 7941), (74, 7944), (75, 7947), (77, 7977), (79, 7998), (81, 8007), (92, 8061), (129, 8295), (132, 8316), (141, 8367), (142, 8373),

Gene: Enby_12 Start: 7462, Stop: 8271, Start Num: 34

Candidate Starts for Enby_12:

(Start: 23 @7390 has 9 MA's), (Start: 27 @7405 has 2 MA's), (Start: 34 @7462 has 242 MA's), (35, 7474), (42, 7543), (43, 7552), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (72, 7792), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (92, 7915), (129, 8149), (132, 8170), (141, 8221), (142, 8227),

Gene: Eradicator_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for Eradicator_11:

(Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (92, 8063), (96, 8090), (121, 8225), (132, 8318), (141, 8369), (142, 8375),

Gene: EricMillard_31 Start: 18639, Stop: 19643, Start Num: 9

Candidate Starts for EricMillard_31:

(Start: 9 @18639 has 40 MA's), (16, 18765), (39, 18915), (41, 18945), (45, 18969), (63, 19140), (74, 19194), (79, 19248), (84, 19269), (87, 19284), (108, 19377), (109, 19380), (111, 19389), (120, 19446), (130, 19518), (136, 19551), (145, 19611),

Gene: Estave1_11 Start: 7612, Stop: 8421, Start Num: 34

Candidate Starts for Estave1_11:

(Start: 27 @7555 has 2 MA's), (Start: 34 @7612 has 242 MA's), (35, 7624), (43, 7702), (48, 7738), (51, 7762), (52, 7768), (57, 7831), (73, 7945), (74, 7948), (75, 7951), (77, 7981), (79, 8002), (81, 8011), (90, 8059), (92, 8065), (96, 8092), (121, 8227), (129, 8299), (132, 8320), (141, 8371), (142, 8377),

Gene: Etoile_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Etoile_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Eureka_19 Start: 11358, Stop: 12329, Start Num: 11

Candidate Starts for Eureka_19:

(Start: 11 @11358 has 124 MA's), (Start: 13 @11367 has 1 MA's), (16, 11427), (37, 11580), (50, 11676), (56, 11751), (61, 11796), (66, 11838), (68, 11856), (100, 12027), (106, 12057), (111, 12081), (115, 12090), (117, 12105), (126, 12189), (139, 12261),

Gene: FairyPath_19 Start: 11576, Stop: 12547, Start Num: 11

Candidate Starts for FairyPath_19:

(Start: 11 @11576 has 124 MA's), (Start: 13 @11585 has 1 MA's), (16, 11645), (37, 11798), (50, 11894), (56, 11969), (61, 12014), (66, 12056), (68, 12074), (100, 12245), (103, 12266), (108, 12287), (115, 12308), (120, 12353), (126, 12407), (131, 12440), (133, 12452), (139, 12479),

Gene: Familton_48 Start: 23862, Stop: 24677, Start Num: 34

Candidate Starts for Familton_48:

(Start: 34 @23862 has 242 MA's), (42, 23943), (57, 24084), (59, 24099), (73, 24198), (76, 24216), (85, 24279), (87, 24291), (89, 24306), (114, 24423), (128, 24549),

Gene: Fancypants_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for Fancypants_11:

(Start: 34 @7611 has 242 MA's), (35, 7623), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (92, 8064), (121, 8226), (129, 8298), (132, 8319), (139, 8352), (141, 8370), (142, 8376),

Gene: Fastidio_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for Fastidio_11:

(Start: 23 @7539 has 9 MA's), (Start: 27 @7554 has 2 MA's), (Start: 34 @7611 has 242 MA's), (35, 7623), (43, 7701), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (90, 8058), (92, 8064), (96, 8091), (121, 8226), (129, 8298), (132, 8319), (141, 8370), (142, 8376),

Gene: Filch_19 Start: 10600, Stop: 11574, Start Num: 11

Candidate Starts for Filch_19:

(Start: 11 @10600 has 124 MA's), (Start: 13 @10609 has 1 MA's), (16, 10669), (37, 10822), (50, 10918), (56, 10993), (61, 11038), (66, 11080), (68, 11098), (100, 11269), (106, 11299), (111, 11323), (115, 11332), (126, 11431), (130, 11452), (139, 11503),

Gene: Filuzino_11 Start: 7632, Stop: 8441, Start Num: 34

Candidate Starts for Filuzino_11:

(Start: 24 @7560 has 1 MA's), (Start: 34 @7632 has 242 MA's), (35, 7644), (42, 7713), (43, 7722), (48, 7758), (51, 7782), (52, 7788), (57, 7851), (69, 7950), (73, 7965), (74, 7968), (77, 8001), (79, 8022), (81, 8031), (92, 8085), (121, 8247), (129, 8319), (132, 8340), (141, 8391), (142, 8397),

Gene: FireRed_18 Start: 10888, Stop: 11859, Start Num: 11

Candidate Starts for FireRed_18:

(Start: 11 @10888 has 124 MA's), (Start: 13 @10897 has 1 MA's), (16, 10957), (37, 11110), (50, 11206), (56, 11281), (61, 11326), (66, 11368), (68, 11386), (100, 11557), (106, 11587), (111, 11611), (115, 11620), (126, 11719), (130, 11740), (139, 11791),

Gene: Firecracker_47 Start: 23469, Stop: 24284, Start Num: 34

Candidate Starts for Firecracker_47:

(Start: 34 @23469 has 242 MA's), (42, 23550), (57, 23691), (59, 23706), (73, 23805), (76, 23823), (85, 23886), (87, 23898), (89, 23913), (114, 24030), (128, 24156),

Gene: Firehouse51_11 Start: 7629, Stop: 8438, Start Num: 34

Candidate Starts for Firehouse51_11:

(12, 7431), (14, 7452), (15, 7455), (32, 7590), (Start: 34 @7629 has 242 MA's), (35, 7641), (42, 7710), (43, 7719), (48, 7755), (51, 7779), (52, 7785), (57, 7848), (72, 7959), (73, 7962), (74, 7965), (77, 7998), (79, 8019), (81, 8028), (92, 8082), (121, 8244), (129, 8316), (132, 8337), (141, 8388), (142, 8394),

Gene: FirstPlacePfu_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for FirstPlacePfu_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Fishburne_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Fishburne_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Flathead_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Flathead_12:

(28, 7406), (Start: 34 @7463 has 242 MA's), (35, 7475), (42, 7544), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (72, 7793), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: Florinda_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Florinda_11:

(Start: 27 @7574 has 2 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (139, 8372), (141, 8390), (142, 8396),

Gene: Flypotenuse_17 Start: 10995, Stop: 11966, Start Num: 11

Candidate Starts for Flypotenuse_17:

(Start: 11 @10995 has 124 MA's), (Start: 13 @11004 has 1 MA's), (16, 11064), (37, 11217), (50, 11313), (56, 11388), (61, 11433), (66, 11475), (68, 11493), (100, 11664), (103, 11685), (108, 11706), (115, 11727), (120, 11772), (126, 11826), (131, 11859), (133, 11871), (139, 11898),

Gene: FoghornLeghorn_18 Start: 10883, Stop: 11854, Start Num: 11

Candidate Starts for FoghornLeghorn_18:

(Start: 11 @10883 has 124 MA's), (Start: 13 @10892 has 1 MA's), (16, 10952), (37, 11105), (50, 11201), (56, 11276), (61, 11321), (66, 11363), (68, 11381), (100, 11552), (106, 11582), (111, 11606), (115, 11615), (126, 11714), (130, 11735), (139, 11786),

Gene: FoulBall_47 Start: 23856, Stop: 24671, Start Num: 34

Candidate Starts for FoulBall_47:

(Start: 34 @23856 has 242 MA's), (42, 23937), (57, 24078), (59, 24093), (73, 24192), (76, 24210), (85, 24273), (87, 24285), (89, 24300), (114, 24417), (128, 24543),

Gene: Frankie_12 Start: 7653, Stop: 8462, Start Num: 34

Candidate Starts for Frankie_12:

(Start: 27 @7596 has 2 MA's), (Start: 34 @7653 has 242 MA's), (35, 7665), (43, 7743), (48, 7779), (51, 7803), (52, 7809), (57, 7872), (73, 7986), (74, 7989), (75, 7992), (77, 8022), (79, 8043), (81, 8052), (90, 8100), (92, 8106), (96, 8133), (121, 8268), (129, 8340), (132, 8361), (141, 8412), (142, 8418),

Gene: FreddyB_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for FreddyB_11:

(Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (92, 8063), (96, 8090), (121, 8225), (129, 8297), (132, 8318), (139, 8351), (141, 8369), (142, 8375),

Gene: Fruitloop_11 Start: 7632, Stop: 8441, Start Num: 34

Candidate Starts for Fruitloop_11:

(Start: 24 @7560 has 1 MA's), (Start: 34 @7632 has 242 MA's), (35, 7644), (42, 7713), (43, 7722), (48, 7758), (51, 7782), (52, 7788), (57, 7851), (72, 7962), (73, 7965), (74, 7968), (77, 8001), (79, 8022), (81, 8031), (92, 8085), (121, 8247), (129, 8319), (132, 8340), (141, 8391), (142, 8397),

Gene: Fulbright_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Fulbright_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: GUmbie_11 Start: 7625, Stop: 8434, Start Num: 34

Candidate Starts for GUmbie_11:

(18, 7517), (Start: 27 @7568 has 2 MA's), (Start: 34 @7625 has 242 MA's), (35, 7637), (42, 7706), (48, 7751), (51, 7775), (52, 7781), (57, 7844), (73, 7958), (74, 7961), (75, 7964), (77, 7994), (79, 8015), (81, 8024), (92, 8078), (121, 8240), (129, 8312), (132, 8333), (141, 8384), (142, 8390),

Gene: Gage_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for Gage_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Galactic_11 Start: 7606, Stop: 8415, Start Num: 34

Candidate Starts for Galactic_11:

(Start: 34 @7606 has 242 MA's), (35, 7618), (42, 7687), (43, 7696), (48, 7732), (51, 7756), (52, 7762), (57, 7825), (72, 7936), (73, 7939), (74, 7942), (75, 7945), (77, 7975), (79, 7996), (81, 8005), (92, 8059), (129, 8293), (132, 8314), (141, 8365), (142, 8371),

Gene: Gandalph_11 Start: 7627, Stop: 8436, Start Num: 34

Candidate Starts for Gandalph_11:

(Start: 34 @7627 has 242 MA's), (35, 7639), (43, 7717), (51, 7777), (52, 7783), (57, 7846), (72, 7957), (73, 7960), (74, 7963), (75, 7966), (77, 7996), (79, 8017), (81, 8026), (92, 8080), (121, 8242), (129, 8314), (132, 8335), (141, 8386), (142, 8392),

Gene: Gator_17 Start: 10994, Stop: 11965, Start Num: 11

Candidate Starts for Gator_17:

(Start: 11 @10994 has 124 MA's), (Start: 13 @11003 has 1 MA's), (16, 11063), (37, 11216), (50, 11312), (56, 11387), (61, 11432), (66, 11474), (68, 11492), (100, 11663), (103, 11684), (108, 11705), (115, 11726), (120, 11771), (126, 11825), (131, 11858), (133, 11870), (139, 11897),

Gene: Gavriela_14 Start: 8837, Stop: 9835, Start Num: 10

Candidate Starts for Gavriela_14:

(7, 8798), (Start: 10 @8837 has 90 MA's), (Start: 13 @8861 has 1 MA's), (17, 8927), (19, 8945), (29, 8981), (45, 9152), (60, 9302), (67, 9356), (70, 9368), (80, 9437), (83, 9452), (101, 9533), (127, 9695), (143, 9788), (147, 9812),

Gene: Gemini_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for Gemini_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Geralt_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Geralt_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Gex_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Gex_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: GigiOuiOui_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for GigiOuiOui_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (92, 8079), (121, 8241), (132, 8334), (141, 8385), (142, 8391),

Gene: Girafales_12 Start: 7458, Stop: 8267, Start Num: 34

Candidate Starts for Girafales_12:

(Start: 34 @7458 has 242 MA's), (35, 7470), (43, 7548), (48, 7584), (51, 7608), (52, 7614), (57, 7677), (73, 7791), (74, 7794), (75, 7797), (77, 7827), (79, 7848), (81, 7857), (92, 7911), (95, 7935), (121, 8073), (129, 8145), (132, 8166), (141, 8217), (142, 8223),

Gene: Girr_11 Start: 7614, Stop: 8423, Start Num: 34

Candidate Starts for Girr_11:

(Start: 27 @7557 has 2 MA's), (Start: 34 @7614 has 242 MA's), (35, 7626), (43, 7704), (48, 7740), (51, 7764), (52, 7770), (57, 7833), (73, 7947), (74, 7950), (75, 7953), (77, 7983), (79, 8004), (81, 8013), (92, 8067), (95, 8091), (96, 8094), (121, 8229), (129, 8301), (132, 8322), (139, 8355), (141, 8373), (142, 8379),

Gene: Glaske_14 Start: 8837, Stop: 9835, Start Num: 10

Candidate Starts for Glaske_14:

(7, 8798), (Start: 10 @8837 has 90 MA's), (Start: 13 @8861 has 1 MA's), (17, 8927), (19, 8945), (29, 8981), (45, 9152), (60, 9302), (67, 9356), (70, 9368), (80, 9437), (83, 9452), (101, 9533), (127, 9695), (143, 9788), (147, 9812),

Gene: Glexan_17 Start: 10995, Stop: 11966, Start Num: 11

Candidate Starts for Glexan_17:

(Start: 11 @10995 has 124 MA's), (Start: 13 @11004 has 1 MA's), (16, 11064), (37, 11217), (50, 11313), (56, 11388), (61, 11433), (66, 11475), (68, 11493), (100, 11664), (103, 11685), (108, 11706), (115, 11727), (120, 11772), (126, 11826), (131, 11859), (133, 11871), (139, 11898),

Gene: Goku_19 Start: 11087, Stop: 12058, Start Num: 11

Candidate Starts for Goku_19:

(Start: 11 @11087 has 124 MA's), (Start: 13 @11096 has 1 MA's), (16, 11156), (37, 11309), (50, 11405), (56, 11480), (61, 11525), (66, 11567), (68, 11585), (100, 11756), (106, 11786), (111, 11810), (115, 11819), (117, 11834), (126, 11918), (139, 11990),

Gene: GoldenSpark_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for GoldenSpark_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Goldilocks_20 Start: 10789, Stop: 11760, Start Num: 11

Candidate Starts for Goldilocks_20:

(Start: 11 @10789 has 124 MA's), (Start: 13 @10798 has 1 MA's), (16, 10858), (37, 11011), (50, 11107), (56, 11182), (61, 11227), (66, 11269), (68, 11287), (100, 11458), (106, 11488), (111, 11512), (115, 11521), (126, 11620), (130, 11641), (139, 11692),

Gene: Gonephishing_27 Start: 16487, Stop: 17491, Start Num: 9

Candidate Starts for Gonephishing_27:

(Start: 9 @16487 has 40 MA's), (16, 16613), (39, 16763), (41, 16793), (45, 16817), (74, 17042), (79, 17096), (111, 17237), (120, 17294), (126, 17348),

Gene: GooberAzure_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for GooberAzure_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Gorge_11 Start: 7598, Stop: 8407, Start Num: 34

Candidate Starts for Gorge_11:

(Start: 34 @7598 has 242 MA's), (35, 7610), (43, 7688), (48, 7724), (51, 7748), (52, 7754), (57, 7817), (73, 7931), (74, 7934), (75, 7937), (77, 7967), (79, 7988), (81, 7997), (92, 8051), (121, 8213), (132, 8306), (141, 8357), (142, 8363),

Gene: GreaseLightnin_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for GreaseLightnin_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Grimmer_12 Start: 8262, Stop: 9071, Start Num: 34

Candidate Starts for Grimmer_12:

(Start: 27 @8205 has 2 MA's), (Start: 34 @8262 has 242 MA's), (35, 8274), (48, 8388), (51, 8412), (52, 8418), (57, 8481), (73, 8595), (74, 8598), (75, 8601), (77, 8631), (79, 8652), (81, 8661), (90, 8709), (92, 8715), (95, 8739), (121, 8877), (129, 8949), (132, 8970), (141, 9021), (142, 9027),

Gene: Guppsters_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Guppsters_11:

(Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: HC_13 Start: 8865, Stop: 9665, Start Num: 34

Candidate Starts for HC_13:

(31, 8820), (Start: 34 @8865 has 242 MA's), (43, 8961), (52, 9024), (59, 9102), (73, 9201), (77, 9237), (125, 9513), (132, 9573), (134, 9579),

Gene: HUHilltop_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for HUHilltop_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Hades_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for Hades_11:

(Start: 27 @7554 has 2 MA's), (Start: 34 @7611 has 242 MA's), (35, 7623), (43, 7701), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (92, 8064), (96, 8091), (121, 8226), (129, 8298), (132, 8319), (139, 8352), (141, 8370), (142, 8376),

Gene: Halley_31 Start: 18352, Stop: 19356, Start Num: 9

Candidate Starts for Halley_31:

(Start: 9 @18352 has 40 MA's), (16, 18478), (39, 18628), (41, 18658), (45, 18682), (63, 18853), (74, 18907), (79, 18961), (84, 18982), (87, 18997), (108, 19090), (109, 19093), (111, 19102), (120, 19159), (130, 19231), (136, 19264), (145, 19324),

Gene: Hamulus_11 Start: 7635, Stop: 8444, Start Num: 34

Candidate Starts for Hamulus_11:

(Start: 34 @7635 has 242 MA's), (35, 7647), (42, 7716), (43, 7725), (48, 7761), (51, 7785), (52, 7791), (57, 7854), (72, 7965), (73, 7968), (74, 7971), (75, 7974), (77, 8004), (79, 8025), (81, 8034), (92, 8088), (121, 8250), (129, 8322), (132, 8343), (141, 8394), (142, 8400),

Gene: HanKaySha_19 Start: 10590, Stop: 11564, Start Num: 11

Candidate Starts for HanKaySha_19:

(Start: 11 @10590 has 124 MA's), (Start: 13 @10599 has 1 MA's), (16, 10659), (37, 10812), (50, 10908), (56, 10983), (61, 11028), (66, 11070), (68, 11088), (100, 11259), (106, 11289), (111, 11313), (115, 11322), (126, 11421), (130, 11442), (139, 11493),

Gene: Hanako_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Hanako_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: Hannaconda_26 Start: 14994, Stop: 15998, Start Num: 9

Candidate Starts for Hannaconda_26:

(Start: 9 @14994 has 40 MA's), (16, 15120), (39, 15270), (41, 15300), (45, 15324), (74, 15549), (79, 15603), (111, 15744), (120, 15801), (126, 15855),

Gene: Harella_17 Start: 10995, Stop: 11966, Start Num: 11

Candidate Starts for Harella_17:

(Start: 11 @10995 has 124 MA's), (Start: 13 @11004 has 1 MA's), (16, 11064), (37, 11217), (50, 11313), (56, 11388), (61, 11433), (66, 11475), (68, 11493), (100, 11664), (103, 11685), (108, 11706), (115, 11727), (120, 11772), (126, 11826), (131, 11859), (133, 11871), (139, 11898),

Gene: Harley_11 Start: 7600, Stop: 8409, Start Num: 34

Candidate Starts for Harley_11:

(Start: 27 @7543 has 2 MA's), (Start: 34 @7600 has 242 MA's), (35, 7612), (48, 7726), (51, 7750), (52, 7756), (57, 7819), (73, 7933), (74, 7936), (75, 7939), (77, 7969), (79, 7990), (81, 7999), (92, 8053), (121, 8215), (129, 8287), (132, 8308), (139, 8341), (141, 8359), (142, 8365),

Gene: Hegedechwinu_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Hegedechwinu_12:

(28, 7406), (Start: 34 @7463 has 242 MA's), (35, 7475), (42, 7544), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (72, 7793), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (139, 8204), (141, 8222), (142, 8228),

Gene: Henry_19 Start: 11378, Stop: 12349, Start Num: 11

Candidate Starts for Henry_19:

(Start: 11 @11378 has 124 MA's), (Start: 13 @11387 has 1 MA's), (16, 11447), (37, 11600), (50, 11696), (56, 11771), (61, 11816), (66, 11858), (68, 11876), (100, 12047), (103, 12068), (108, 12089), (115, 12110), (120, 12155), (126, 12209), (131, 12242), (133, 12254), (139, 12281),

Gene: Highbury_19 Start: 10509, Stop: 11483, Start Num: 11

Candidate Starts for Highbury_19:

(Start: 11 @10509 has 124 MA's), (Start: 13 @10518 has 1 MA's), (16, 10578), (37, 10731), (50, 10827), (56, 10902), (61, 10947), (66, 10989), (68, 11007), (100, 11178), (106, 11208), (111, 11232), (115, 11241), (126, 11340), (130, 11361), (139, 11412),

Gene: Hlubikazi_11 Start: 7599, Stop: 8408, Start Num: 34

Candidate Starts for Hlubikazi_11:

(Start: 27 @7542 has 2 MA's), (Start: 34 @7599 has 242 MA's), (35, 7611), (43, 7689), (48, 7725), (51, 7749), (52, 7755), (57, 7818), (72, 7929), (73, 7932), (74, 7935), (75, 7938), (77, 7968), (79, 7989), (81, 7998), (90, 8046), (92, 8052), (95, 8076), (96, 8079), (121, 8214), (129, 8286), (132, 8307), (139, 8340), (141, 8358), (142, 8364),

Gene: HokkenD_26 Start: 17922, Stop: 18926, Start Num: 9

Candidate Starts for HokkenD_26:

(Start: 9 @17922 has 40 MA's), (16, 18048), (39, 18198), (41, 18228), (45, 18252), (63, 18423), (74, 18477), (79, 18531), (84, 18552), (87, 18567), (108, 18660), (109, 18663), (111, 18672), (120, 18729), (130, 18801), (136, 18834), (145, 18894),

Gene: Holt_20 Start: 10662, Stop: 11633, Start Num: 11

Candidate Starts for Holt_20:

(Start: 11 @10662 has 124 MA's), (Start: 13 @10671 has 1 MA's), (16, 10731), (37, 10884), (50, 10980), (56, 11055), (61, 11100), (66, 11142), (68, 11160), (100, 11331), (106, 11361), (111, 11385), (115, 11394), (126, 11493), (130, 11514), (139, 11565),

Gene: Hoonter_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for Hoonter_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Hopey_19 Start: 10600, Stop: 11574, Start Num: 11

Candidate Starts for Hopey_19:

(Start: 11 @10600 has 124 MA's), (Start: 13 @10609 has 1 MA's), (16, 10669), (37, 10822), (50, 10918), (56, 10993), (61, 11038), (66, 11080), (68, 11098), (100, 11269), (106, 11299), (111, 11323), (115, 11332), (126, 11431), (130, 11452), (139, 11503),

Gene: HufflyPuff_17 Start: 10844, Stop: 11815, Start Num: 11

Candidate Starts for HufflyPuff_17:

(Start: 11 @10844 has 124 MA's), (Start: 13 @10853 has 1 MA's), (16, 10913), (37, 11066), (50, 11162), (56, 11237), (61, 11282), (66, 11324), (68, 11342), (100, 11513), (106, 11543), (111, 11567), (115, 11576), (126, 11675), (130, 11696), (139, 11747),

Gene: Hughesyang_30 Start: 18535, Stop: 19539, Start Num: 9

Candidate Starts for Hughesyang_30:

(Start: 9 @18535 has 40 MA's), (16, 18661), (39, 18811), (41, 18841), (45, 18865), (63, 19036), (74, 19090), (79, 19144), (84, 19165), (87, 19180), (108, 19273), (109, 19276), (111, 19285), (120, 19342), (130, 19414), (136, 19447), (145, 19507),

Gene: IHOP_18 Start: 11038, Stop: 12009, Start Num: 11

Candidate Starts for IHOP_18:

(Start: 11 @11038 has 124 MA's), (Start: 13 @11047 has 1 MA's), (16, 11107), (37, 11260), (50, 11356), (56, 11431), (61, 11476), (66, 11518), (68, 11536), (100, 11707), (106, 11737), (111, 11761), (115, 11770), (126, 11869), (130, 11890), (139, 11941),

Gene: IMPilo_11 Start: 7620, Stop: 8429, Start Num: 34

Candidate Starts for IMPilo_11:

(12, 7419), (14, 7440), (15, 7443), (32, 7578), (Start: 34 @7620 has 242 MA's), (35, 7632), (42, 7701), (43, 7710), (48, 7746), (51, 7770), (52, 7776), (57, 7839), (73, 7953), (74, 7956), (77, 7989), (79, 8010), (81, 8019), (92, 8073), (129, 8307), (132, 8328), (141, 8379), (142, 8385),

Gene: lbOuu_11 Start: 7608, Stop: 8417, Start Num: 34

Candidate Starts for lbOuu_11:

(Start: 23 @7536 has 9 MA's), (Start: 27 @7551 has 2 MA's), (Start: 34 @7608 has 242 MA's), (35, 7620), (48, 7734), (51, 7758), (52, 7764), (57, 7827), (73, 7941), (74, 7944), (75, 7947), (77, 7977), (79, 7998), (81, 8007), (90, 8055), (92, 8061), (96, 8088), (121, 8223), (129, 8295), (130, 8298), (132, 8316), (141, 8367), (142, 8373),

Gene: lbhubesi_11 Start: 7600, Stop: 8409, Start Num: 34

Candidate Starts for lbhubesi_11:

(Start: 27 @7543 has 2 MA's), (Start: 34 @7600 has 242 MA's), (35, 7612), (48, 7726), (51, 7750), (52, 7756), (57, 7819), (73, 7933), (74, 7936), (75, 7939), (77, 7969), (79, 7990), (81, 7999), (92, 8053), (121, 8215), (129, 8287), (132, 8308), (139, 8341), (141, 8359), (142, 8365),

Gene: lcee_18 Start: 11038, Stop: 12009, Start Num: 11

Candidate Starts for lcee_18:

(Start: 11 @11038 has 124 MA's), (Start: 13 @11047 has 1 MA's), (16, 11107), (37, 11260), (50, 11356), (56, 11431), (61, 11476), (66, 11518), (68, 11536), (100, 11707), (106, 11737), (111, 11761), (115, 11770), (126, 11869), (130, 11890), (139, 11941),

Gene: ldergollasper_47 Start: 23856, Stop: 24671, Start Num: 34

Candidate Starts for ldergollasper_47:

(Start: 34 @23856 has 242 MA's), (42, 23937), (57, 24078), (59, 24093), (73, 24192), (76, 24210), (85, 24273), (87, 24285), (89, 24300), (114, 24417), (128, 24543),

Gene: Inca_18 Start: 10058, Stop: 11029, Start Num: 11

Candidate Starts for Inca_18:

(Start: 11 @10058 has 124 MA's), (Start: 13 @10067 has 1 MA's), (16, 10127), (37, 10280), (50, 10376), (56, 10451), (61, 10496), (66, 10538), (68, 10556), (100, 10727), (106, 10757), (111, 10781), (115, 10790), (126, 10889), (130, 10910), (139, 10961),

Gene: Inventum_11 Start: 7537, Stop: 8418, Start Num: 23

Candidate Starts for Inventum_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (132, 8317), (139, 8350), (141,

8368), (142, 8374),

Gene: IrishSherpFalk_11 Start: 7617, Stop: 8426, Start Num: 34

Candidate Starts for IrishSherpFalk_11:

(Start: 34 @7617 has 242 MA's), (35, 7629), (42, 7698), (43, 7707), (48, 7743), (51, 7767), (52, 7773), (57, 7836), (72, 7947), (73, 7950), (74, 7953), (75, 7956), (77, 7986), (79, 8007), (81, 8016), (92, 8070), (129, 8304), (132, 8325), (141, 8376), (142, 8382),

Gene: Island3_13 Start: 8865, Stop: 9665, Start Num: 34

Candidate Starts for Island3_13:

(31, 8820), (Start: 34 @8865 has 242 MA's), (43, 8961), (52, 9024), (59, 9102), (73, 9201), (77, 9237), (125, 9513), (132, 9573), (134, 9579),

Gene: JalFarm20_12 Start: 7462, Stop: 8271, Start Num: 34

Candidate Starts for JalFarm20_12:

(Start: 34 @7462 has 242 MA's), (35, 7474), (43, 7552), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (90, 7909), (92, 7915), (96, 7942), (110, 8011), (121, 8077), (129, 8149), (132, 8170), (141, 8221), (142, 8227),

Gene: James_11 Start: 7601, Stop: 8410, Start Num: 34

Candidate Starts for James_11:

(Start: 27 @7544 has 2 MA's), (Start: 34 @7601 has 242 MA's), (35, 7613), (43, 7691), (48, 7727), (51, 7751), (52, 7757), (57, 7820), (73, 7934), (74, 7937), (75, 7940), (77, 7970), (79, 7991), (81, 8000), (90, 8048), (92, 8054), (95, 8078), (121, 8216), (129, 8288), (132, 8309), (139, 8342), (141, 8360), (142, 8366),

Gene: Jamie19_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Jamie19_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: JangDynasty_47 Start: 23951, Stop: 24766, Start Num: 34

Candidate Starts for JangDynasty_47:

(Start: 34 @23951 has 242 MA's), (42, 24032), (57, 24173), (59, 24188), (73, 24287), (76, 24305), (85, 24368), (87, 24380), (89, 24395), (114, 24512), (128, 24638),

Gene: Jant_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Jant_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Jacob_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Jacob_11:

(Start: 23 @7537 has 9 MA's), (26, 7552), (Start: 34 @7609 has 242 MA's), (35, 7621), (43, 7699), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (95, 8086), (121, 8224), (129, 8296), (132, 8317), (139, 8350), (141, 8368), (142, 8374),

Gene: JeTaime_20 Start: 11640, Stop: 12614, Start Num: 11

Candidate Starts for JeTaime_20:

(Start: 11 @11640 has 124 MA's), (Start: 13 @11649 has 1 MA's), (16, 11709), (37, 11862), (50, 11958), (56, 12033), (61, 12078), (66, 12120), (68, 12138), (100, 12309), (106, 12339), (111, 12363), (115, 12372), (126, 12471), (130, 12492), (139, 12543),

Gene: Jebeks_14 Start: 8819, Stop: 9817, Start Num: 10

Candidate Starts for Jebeks_14:

(1, 8522), (2, 8615), (7, 8780), (Start: 10 @8819 has 90 MA's), (Start: 13 @8843 has 1 MA's), (17, 8909), (19, 8927), (29, 8963), (40, 9098), (45, 9134), (60, 9284), (67, 9338), (70, 9350), (80, 9419), (97, 9494), (101, 9515), (127, 9677), (143, 9770), (147, 9794),

Gene: Jinglebell_11 Start: 7607, Stop: 8416, Start Num: 34

Candidate Starts for Jinglebell_11:

(Start: 27 @7550 has 2 MA's), (Start: 34 @7607 has 242 MA's), (35, 7619), (43, 7697), (48, 7733), (51, 7757), (52, 7763), (57, 7826), (72, 7937), (73, 7940), (74, 7943), (75, 7946), (77, 7976), (79, 7997), (81, 8006), (90, 8054), (92, 8060), (95, 8084), (121, 8222), (129, 8294), (132, 8315), (141, 8366), (142, 8372),

Gene: Job42_12 Start: 7462, Stop: 8271, Start Num: 34

Candidate Starts for Job42_12:

(Start: 27 @7405 has 2 MA's), (Start: 34 @7462 has 242 MA's), (35, 7474), (43, 7552), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (90, 7909), (92, 7915), (96, 7942), (129, 8149), (132, 8170), (141, 8221), (142, 8227),

Gene: JoeyJr_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for JoeyJr_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Journey_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Journey_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Juice456_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Juice456_12:

(Start: 27 @7406 has 2 MA's), (Start: 34 @7463 has 242 MA's), (35, 7475), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: JuicyJay_32 Start: 19186, Stop: 20190, Start Num: 9

Candidate Starts for JuicyJay_32:

(Start: 9 @19186 has 40 MA's), (16, 19312), (39, 19462), (41, 19492), (45, 19516), (63, 19687), (74, 19741), (79, 19795), (84, 19816), (87, 19831), (108, 19924), (109, 19927), (111, 19936), (120, 19993), (130, 20065), (136, 20098), (145, 20158),

Gene: Jung_14 Start: 8862, Stop: 9860, Start Num: 10

Candidate Starts for Jung_14:

(2, 8661), (4, 8712), (Start: 10 @8862 has 90 MA's), (Start: 13 @8886 has 1 MA's), (19, 8970), (29, 9006), (45, 9177), (60, 9327), (67, 9381), (70, 9393), (80, 9462), (83, 9477), (101, 9558), (127, 9720), (143, 9813), (147, 9837),

Gene: Juniormint_14 Start: 8854, Stop: 9852, Start Num: 10

Candidate Starts for Juniormint_14:

(7, 8815), (Start: 10 @8854 has 90 MA's), (Start: 13 @8878 has 1 MA's), (17, 8944), (19, 8962), (29, 8998), (40, 9133), (45, 9169), (60, 9319), (67, 9373), (70, 9385), (80, 9454), (97, 9529), (101, 9550), (127, 9712), (143, 9805), (147, 9829),

Gene: Juniper1_11 Start: 7601, Stop: 8410, Start Num: 34

Candidate Starts for Juniper1_11:

(Start: 27 @7544 has 2 MA's), (Start: 34 @7601 has 242 MA's), (35, 7613), (43, 7691), (48, 7727), (51, 7751), (52, 7757), (57, 7820), (73, 7934), (74, 7937), (75, 7940), (77, 7970), (79, 7991), (81, 8000), (92, 8054), (95, 8078), (121, 8216), (129, 8288), (132, 8309), (141, 8360), (142, 8366),

Gene: Kalah2_32 Start: 18954, Stop: 19958, Start Num: 9

Candidate Starts for Kalah2_32:

(Start: 9 @18954 has 40 MA's), (16, 19080), (39, 19230), (41, 19260), (45, 19284), (63, 19455), (74, 19509), (79, 19563), (84, 19584), (87, 19599), (108, 19692), (109, 19695), (111, 19704), (120, 19761), (130, 19833), (136, 19866), (145, 19926),

Gene: Kanye_20 Start: 11828, Stop: 12802, Start Num: 11

Candidate Starts for Kanye_20:

(Start: 11 @11828 has 124 MA's), (Start: 13 @11837 has 1 MA's), (16, 11897), (37, 12050), (50, 12146), (56, 12221), (61, 12266), (66, 12308), (68, 12326), (100, 12497), (106, 12527), (111, 12551), (115, 12560), (126, 12659), (130, 12680), (139, 12731),

Gene: Karhdo_11 Start: 7612, Stop: 8421, Start Num: 34

Candidate Starts for Karhdo_11:

(18, 7504), (Start: 27 @7555 has 2 MA's), (Start: 34 @7612 has 242 MA's), (35, 7624), (48, 7738), (51, 7762), (52, 7768), (57, 7831), (73, 7945), (74, 7948), (75, 7951), (77, 7981), (79, 8002), (81, 8011), (92, 8065), (121, 8227), (129, 8299), (132, 8320), (141, 8371), (142, 8377),

Gene: Kari_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Kari_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: KashFlow_23 Start: 14560, Stop: 15564, Start Num: 9

Candidate Starts for KashFlow_23:

(Start: 9 @14560 has 40 MA's), (16, 14686), (39, 14836), (41, 14866), (45, 14890), (74, 15115), (79, 15169), (111, 15310), (120, 15367), (126, 15421),

Gene: Kenuha5_11 Start: 7599, Stop: 8408, Start Num: 34

Candidate Starts for Kenuha5_11:

(Start: 34 @7599 has 242 MA's), (35, 7611), (42, 7680), (48, 7725), (51, 7749), (52, 7755), (57, 7818), (73, 7932), (74, 7935), (77, 7968), (79, 7989), (81, 7998), (92, 8052), (96, 8079), (98, 8085), (121, 8214), (129, 8286), (132, 8307), (141, 8358), (142, 8364),

Gene: Kersh_11 Start: 7603, Stop: 8412, Start Num: 34

Candidate Starts for Kersh_11:

(Start: 34 @7603 has 242 MA's), (35, 7615), (43, 7693), (48, 7729), (51, 7753), (52, 7759), (57, 7822), (73, 7936), (74, 7939), (75, 7942), (77, 7972), (79, 7993), (81, 8002), (92, 8056), (96, 8083), (121, 8218), (129, 8290), (132, 8311), (139, 8344), (141, 8362), (142, 8368),

Gene: Kevin1_13 Start: 7898, Stop: 8956, Start Num: 10

Candidate Starts for Kevin1_13:

(6, 7835), (Start: 10 @7898 has 90 MA's), (25, 8054), (50, 8276), (63, 8411), (71, 8468), (75, 8480), (93, 8603), (94, 8609), (99, 8636), (102, 8657), (116, 8720), (122, 8777), (129, 8828), (130, 8831), (139, 8882), (140, 8888), (144, 8921), (145, 8924),

Gene: KilKor_14 Start: 8837, Stop: 9835, Start Num: 10

Candidate Starts for KilKor_14:

(7, 8798), (Start: 10 @8837 has 90 MA's), (Start: 13 @8861 has 1 MA's), (17, 8927), (19, 8945), (29, 8981), (45, 9152), (60, 9302), (67, 9356), (70, 9368), (80, 9437), (83, 9452), (101, 9533), (127, 9695), (143, 9788), (147, 9812),

Gene: Kimberlium_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Kimberlium_12:

(Start: 27 @7406 has 2 MA's), (Start: 34 @7463 has 242 MA's), (35, 7475), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: Kimchi_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for Kimchi_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: KingJulian_11 Start: 7632, Stop: 8441, Start Num: 34

Candidate Starts for KingJulian_11:

(Start: 34 @7632 has 242 MA's), (35, 7644), (42, 7713), (43, 7722), (51, 7782), (52, 7788), (57, 7851), (73, 7965), (74, 7968), (77, 8001), (79, 8022), (81, 8031), (92, 8085), (129, 8319), (132, 8340), (141, 8391), (142, 8397),

Gene: KingMidas_11 Start: 7608, Stop: 8417, Start Num: 34

Candidate Starts for KingMidas_11:

(Start: 22 @7533 has 3 MA's), (Start: 23 @7536 has 9 MA's), (Start: 27 @7551 has 2 MA's), (Start: 34 @7608 has 242 MA's), (35, 7620), (43, 7698), (48, 7734), (51, 7758), (52, 7764), (57, 7827), (72, 7938), (73, 7941), (74, 7944), (75, 7947), (77, 7977), (79, 7998), (81, 8007), (92, 8061), (96, 8088), (121, 8223), (129, 8295), (132, 8316), (141, 8367), (142, 8373),

Gene: KingPhillip3_46 Start: 23856, Stop: 24671, Start Num: 34

Candidate Starts for KingPhillip3_46:

(Start: 34 @23856 has 242 MA's), (42, 23937), (57, 24078), (59, 24093), (73, 24192), (76, 24210), (85, 24273), (87, 24285), (89, 24300), (114, 24417), (128, 24543),

Gene: Kingsley_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for Kingsley_12:

(Start: 27 @7403 has 2 MA's), (Start: 34 @7460 has 242 MA's), (35, 7472), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (92, 7913), (121, 8075), (132, 8168), (141, 8219), (142, 8225),

Gene: Klein_31 Start: 17932, Stop: 18936, Start Num: 9

Candidate Starts for Klein_31:

(Start: 9 @17932 has 40 MA's), (16, 18058), (39, 18208), (41, 18238), (45, 18262), (63, 18433), (74, 18487), (79, 18541), (84, 18562), (87, 18577), (108, 18670), (109, 18673), (111, 18682), (120, 18739),

(130, 18811), (136, 18844), (145, 18904),

Gene: Koella_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Koella_11:

(Start: 34 @7609 has 242 MA's), (35, 7621), (43, 7699), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (92, 8062), (96, 8089), (121, 8224), (132, 8317), (141, 8368), (142, 8374),

Gene: Kostya_19 Start: 11378, Stop: 12349, Start Num: 11

Candidate Starts for Kostya_19:

(Start: 11 @11378 has 124 MA's), (Start: 13 @11387 has 1 MA's), (16, 11447), (37, 11600), (50, 11696), (56, 11771), (61, 11816), (66, 11858), (68, 11876), (100, 12047), (103, 12068), (108, 12089), (115, 12110), (120, 12155), (126, 12209), (131, 12242), (133, 12254), (139, 12281),

Gene: Krakatau_12 Start: 8284, Stop: 9093, Start Num: 34

Candidate Starts for Krakatau_12:

(Start: 34 @8284 has 242 MA's), (35, 8296), (42, 8365), (43, 8374), (51, 8434), (52, 8440), (57, 8503), (69, 8602), (73, 8617), (74, 8620), (77, 8653), (79, 8674), (81, 8683), (92, 8737), (129, 8971), (132, 8992), (141, 9043), (142, 9049),

Gene: Krili_46 Start: 23573, Stop: 24388, Start Num: 34

Candidate Starts for Krili_46:

(Start: 34 @23573 has 242 MA's), (42, 23654), (57, 23795), (59, 23810), (73, 23909), (76, 23927), (85, 23990), (87, 24002), (89, 24017), (114, 24134), (128, 24260),

Gene: KristaRAM_12 Start: 8281, Stop: 9090, Start Num: 34

Candidate Starts for KristaRAM_12:

(Start: 34 @8281 has 242 MA's), (35, 8293), (42, 8362), (43, 8371), (51, 8431), (52, 8437), (57, 8500), (73, 8614), (74, 8617), (75, 8620), (77, 8650), (79, 8671), (81, 8680), (92, 8734), (121, 8896), (129, 8968), (132, 8989), (141, 9040), (142, 9046),

Gene: Ksquared_14 Start: 8850, Stop: 9848, Start Num: 10

Candidate Starts for Ksquared_14:

(7, 8811), (Start: 10 @8850 has 90 MA's), (Start: 13 @8874 has 1 MA's), (17, 8940), (19, 8958), (29, 8994), (40, 9129), (45, 9165), (60, 9315), (67, 9369), (70, 9381), (80, 9450), (97, 9525), (101, 9546), (127, 9708), (143, 9801), (147, 9825),

Gene: Langerak_14 Start: 8818, Stop: 9816, Start Num: 10

Candidate Starts for Langerak_14:

(7, 8779), (Start: 10 @8818 has 90 MA's), (Start: 13 @8842 has 1 MA's), (17, 8908), (19, 8926), (29, 8962), (40, 9097), (45, 9133), (60, 9283), (67, 9337), (70, 9349), (80, 9418), (97, 9493), (101, 9514), (127, 9676), (143, 9769), (147, 9793),

Gene: LastJedi_11 Start: 7601, Stop: 8410, Start Num: 34

Candidate Starts for LastJedi_11:

(Start: 27 @7544 has 2 MA's), (Start: 34 @7601 has 242 MA's), (35, 7613), (43, 7691), (48, 7727), (51, 7751), (52, 7757), (57, 7820), (73, 7934), (74, 7937), (75, 7940), (77, 7970), (79, 7991), (81, 8000), (90, 8048), (92, 8054), (95, 8078), (121, 8216), (129, 8288), (132, 8309), (139, 8342), (141, 8360), (142, 8366),

Gene: Latretium_11 Start: 7598, Stop: 8407, Start Num: 34

Candidate Starts for Latretium_11:

(Start: 27 @7541 has 2 MA's), (Start: 34 @7598 has 242 MA's), (35, 7610), (43, 7688), (48, 7724), (51, 7748), (52, 7754), (57, 7817), (73, 7931), (74, 7934), (75, 7937), (77, 7967), (79, 7988), (81, 7997), (90, 8045), (92, 8051), (95, 8075), (96, 8078), (121, 8213), (129, 8285), (132, 8306), (141, 8357), (142, 8363),

Gene: Leozinho_12 Start: 7461, Stop: 8270, Start Num: 34

Candidate Starts for Leozinho_12:

(Start: 22 @7386 has 3 MA's), (Start: 23 @7389 has 9 MA's), (Start: 27 @7404 has 2 MA's), (Start: 34 @7461 has 242 MA's), (35, 7473), (43, 7551), (48, 7587), (51, 7611), (52, 7617), (57, 7680), (73, 7794), (74, 7797), (75, 7800), (77, 7830), (79, 7851), (81, 7860), (92, 7914), (121, 8076), (129, 8148), (132, 8169), (141, 8220), (142, 8226),

Gene: Leperchaun_11 Start: 7598, Stop: 8407, Start Num: 34

Candidate Starts for Leperchaun_11:

(Start: 23 @7526 has 9 MA's), (Start: 27 @7541 has 2 MA's), (Start: 34 @7598 has 242 MA's), (35, 7610), (48, 7724), (51, 7748), (52, 7754), (57, 7817), (73, 7931), (74, 7934), (75, 7937), (77, 7967), (79, 7988), (81, 7997), (90, 8045), (92, 8051), (96, 8078), (121, 8213), (129, 8285), (130, 8288), (132, 8306), (141, 8357), (142, 8363),

Gene: LilMoolah_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for LilMoolah_11:

(Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (90, 8057), (92, 8063), (121, 8225), (129, 8297), (132, 8318), (141, 8369), (142, 8375),

Gene: Lilac_20 Start: 10336, Stop: 11310, Start Num: 11

Candidate Starts for Lilac_20:

(Start: 11 @10336 has 124 MA's), (Start: 13 @10345 has 1 MA's), (16, 10405), (37, 10558), (50, 10654), (56, 10729), (61, 10774), (66, 10816), (68, 10834), (100, 11005), (106, 11035), (111, 11059), (115, 11068), (126, 11167), (130, 11188), (139, 11239),

Gene: Lilizi_20 Start: 10547, Stop: 11521, Start Num: 11

Candidate Starts for Lilizi_20:

(Start: 11 @10547 has 124 MA's), (Start: 13 @10556 has 1 MA's), (16, 10616), (37, 10769), (50, 10865), (56, 10940), (61, 10985), (66, 11027), (68, 11045), (100, 11216), (106, 11246), (111, 11270), (115, 11279), (126, 11378), (130, 11399), (139, 11450),

Gene: Lilpickle_17 Start: 10055, Stop: 11029, Start Num: 11

Candidate Starts for Lilpickle_17:

(Start: 11 @10055 has 124 MA's), (Start: 13 @10064 has 1 MA's), (16, 10124), (37, 10277), (50, 10373), (56, 10448), (61, 10493), (66, 10535), (68, 10553), (100, 10724), (106, 10754), (111, 10778), (115, 10787), (126, 10886), (130, 10907), (139, 10958),

Gene: LittleE_29 Start: 17699, Stop: 18703, Start Num: 9

Candidate Starts for LittleE_29:

(Start: 9 @17699 has 40 MA's), (16, 17825), (39, 17975), (41, 18005), (45, 18029), (74, 18254), (79, 18308), (111, 18449), (120, 18506), (126, 18560),

Gene: LittleShirley_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for LittleShirley_12:

(Start: 34 @7463 has 242 MA's), (35, 7475), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: Lizziana_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for Lizziana_11:

(Start: 23 @7538 has 9 MA's), (26, 7553), (Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (90, 8057), (92, 8063), (95, 8087), (121, 8225), (129, 8297), (132, 8318), (139, 8351), (141, 8369), (142, 8375),

Gene: Llama_11 Start: 7607, Stop: 8416, Start Num: 34

Candidate Starts for Llama_11:

(Start: 27 @7550 has 2 MA's), (Start: 34 @7607 has 242 MA's), (35, 7619), (43, 7697), (48, 7733), (51, 7757), (52, 7763), (57, 7826), (72, 7937), (73, 7940), (74, 7943), (75, 7946), (77, 7976), (79, 7997), (81, 8006), (90, 8054), (92, 8060), (95, 8084), (121, 8222), (129, 8294), (132, 8315), (141, 8366), (142, 8372),

Gene: Llij_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for Llij_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (92, 8079), (96, 8106), (121, 8241), (129, 8313), (132, 8334), (141, 8385), (142, 8391),

Gene: Lorde_12 Start: 7462, Stop: 8271, Start Num: 34

Candidate Starts for Lorde_12:

(Start: 23 @7390 has 9 MA's), (Start: 27 @7405 has 2 MA's), (Start: 34 @7462 has 242 MA's), (35, 7474), (42, 7543), (43, 7552), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (72, 7792), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (92, 7915), (129, 8149), (132, 8170), (141, 8221), (142, 8227),

Gene: Lucky2013_29 Start: 16442, Stop: 17446, Start Num: 9

Candidate Starts for Lucky2013_29:

(Start: 9 @16442 has 40 MA's), (16, 16568), (39, 16718), (41, 16748), (45, 16772), (74, 16997), (79, 17051), (111, 17192), (120, 17249), (126, 17303),

Gene: LunaBlu_11 Start: 7606, Stop: 8415, Start Num: 34

Candidate Starts for LunaBlu_11:

(Start: 34 @7606 has 242 MA's), (35, 7618), (42, 7687), (43, 7696), (48, 7732), (51, 7756), (52, 7762), (57, 7825), (72, 7936), (73, 7939), (74, 7942), (75, 7945), (77, 7975), (79, 7996), (81, 8005), (92, 8059), (129, 8293), (132, 8314), (141, 8365), (142, 8371),

Gene: LunaStella_12 Start: 8033, Stop: 8845, Start Num: 34

Candidate Starts for LunaStella_12:

(Start: 34 @8033 has 242 MA's), (43, 8123), (48, 8159), (68, 8348), (72, 8363), (73, 8366), (82, 8438), (96, 8513), (119, 8630), (121, 8648), (132, 8741), (137, 8768), (146, 8825),

Gene: MISSy_18 Start: 10888, Stop: 11859, Start Num: 11

Candidate Starts for MISSy_18:

(Start: 11 @10888 has 124 MA's), (Start: 13 @10897 has 1 MA's), (16, 10957), (37, 11110), (50, 11206), (56, 11281), (61, 11326), (66, 11368), (68, 11386), (100, 11557), (106, 11587), (111, 11611), (115, 11620), (126, 11719), (130, 11740), (139, 11791),

Gene: MPhalcon_18 Start: 10888, Stop: 11859, Start Num: 11

Candidate Starts for MPhalcon_18:

(Start: 11 @10888 has 124 MA's), (Start: 13 @10897 has 1 MA's), (16, 10957), (37, 11110), (50, 11206), (56, 11281), (61, 11326), (66, 11368), (68, 11386), (100, 11557), (106, 11587), (111, 11611), (115, 11620), (126, 11719), (130, 11740), (139, 11791),

Gene: MadKillah_48 Start: 23795, Stop: 24610, Start Num: 34

Candidate Starts for MadKillah_48:

(Start: 34 @23795 has 242 MA's), (42, 23876), (57, 24017), (59, 24032), (73, 24131), (76, 24149), (85, 24212), (87, 24224), (89, 24239), (114, 24356), (128, 24482),

Gene: MadMen_11 Start: 7624, Stop: 8433, Start Num: 34

Candidate Starts for MadMen_11:

(Start: 23 @7552 has 9 MA's), (Start: 27 @7567 has 2 MA's), (Start: 34 @7624 has 242 MA's), (35, 7636), (43, 7714), (48, 7750), (51, 7774), (52, 7780), (57, 7843), (73, 7957), (74, 7960), (75, 7963), (77, 7993), (79, 8014), (81, 8023), (92, 8077), (96, 8104), (121, 8239), (129, 8311), (132, 8332), (141, 8383), (142, 8389),

Gene: MadamMonkfish_18 Start: 10266, Stop: 11240, Start Num: 11

Candidate Starts for MadamMonkfish_18:

(Start: 11 @10266 has 124 MA's), (Start: 13 @10275 has 1 MA's), (16, 10335), (37, 10488), (50, 10584), (56, 10659), (61, 10704), (66, 10746), (68, 10764), (100, 10935), (106, 10965), (111, 10989), (115, 10998), (126, 11097), (130, 11118), (139, 11169),

Gene: Madiba_12 Start: 7457, Stop: 8266, Start Num: 34

Candidate Starts for Madiba_12:

(Start: 34 @7457 has 242 MA's), (35, 7469), (48, 7583), (51, 7607), (52, 7613), (57, 7676), (73, 7790), (74, 7793), (75, 7796), (77, 7826), (79, 7847), (81, 7856), (92, 7910), (121, 8072), (129, 8144), (132, 8165), (141, 8216), (142, 8222),

Gene: Magsby_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Magsby_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Mahavrat_11 Start: 7598, Stop: 8407, Start Num: 34

Candidate Starts for Mahavrat_11:

(Start: 27 @7541 has 2 MA's), (Start: 34 @7598 has 242 MA's), (35, 7610), (43, 7688), (48, 7724), (51, 7748), (52, 7754), (57, 7817), (73, 7931), (74, 7934), (75, 7937), (77, 7967), (79, 7988), (81, 7997), (92, 8051), (95, 8075), (121, 8213), (129, 8285), (132, 8306), (141, 8357), (142, 8363),

Gene: Majeke_14 Start: 8818, Stop: 9816, Start Num: 10

Candidate Starts for Majeke_14:

(7, 8779), (Start: 10 @8818 has 90 MA's), (Start: 13 @8842 has 1 MA's), (17, 8908), (19, 8926), (29, 8962), (40, 9097), (45, 9133), (60, 9283), (67, 9337), (70, 9349), (80, 9418), (97, 9493), (101, 9514), (127, 9676), (143, 9769), (147, 9793),

Gene: Malithi_14 Start: 8874, Stop: 9872, Start Num: 10

Candidate Starts for Malithi_14:

(2, 8673), (4, 8724), (Start: 10 @8874 has 90 MA's), (Start: 13 @8898 has 1 MA's), (17, 8964), (19, 8982), (40, 9153), (45, 9189), (60, 9339), (67, 9393), (70, 9405), (80, 9474), (97, 9549), (101, 9570), (127, 9732), (143, 9825), (147, 9849),

Gene: Manda_19 Start: 11348, Stop: 12319, Start Num: 11

Candidate Starts for Manda_19:

(Start: 11 @11348 has 124 MA's), (Start: 13 @11357 has 1 MA's), (16, 11417), (37, 11570), (50, 11666), (56, 11741), (61, 11786), (66, 11828), (68, 11846), (100, 12017), (106, 12047), (111, 12071), (115, 12080), (126, 12179), (130, 12200), (139, 12251),

Gene: Mandlovu_11 Start: 7599, Stop: 8408, Start Num: 34

Candidate Starts for Mandlovu_11:

(Start: 27 @7542 has 2 MA's), (Start: 34 @7599 has 242 MA's), (35, 7611), (43, 7689), (48, 7725), (51, 7749), (52, 7755), (57, 7818), (72, 7929), (73, 7932), (74, 7935), (75, 7938), (77, 7968), (79, 7989), (81, 7998), (90, 8046), (92, 8052), (95, 8076), (96, 8079), (121, 8214), (129, 8286), (132, 8307), (139, 8340), (141, 8358), (142, 8364),

Gene: Mangethe_14 Start: 8818, Stop: 9816, Start Num: 10

Candidate Starts for Mangethe_14:

(7, 8779), (Start: 10 @8818 has 90 MA's), (Start: 13 @8842 has 1 MA's), (17, 8908), (19, 8926), (29, 8962), (40, 9097), (45, 9133), (60, 9283), (67, 9337), (70, 9349), (80, 9418), (97, 9493), (101, 9514), (127, 9676), (143, 9769), (147, 9793),

Gene: Mantra_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for Mantra_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (90, 8073), (92, 8079), (96, 8106), (121, 8241), (129, 8313), (130, 8316), (132, 8334), (141, 8385), (142, 8391),

Gene: Maravista_11 Start: 7598, Stop: 8407, Start Num: 34

Candidate Starts for Maravista_11:

(Start: 23 @7526 has 9 MA's), (26, 7541), (Start: 34 @7598 has 242 MA's), (35, 7610), (43, 7688), (48, 7724), (51, 7748), (52, 7754), (57, 7817), (73, 7931), (74, 7934), (75, 7937), (77, 7967), (79, 7988), (81, 7997), (90, 8045), (92, 8051), (95, 8075), (121, 8213), (129, 8285), (132, 8306), (139, 8339), (141, 8357), (142, 8363),

Gene: Marker_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for Marker_12:

(Start: 27 @7403 has 2 MA's), (Start: 34 @7460 has 242 MA's), (35, 7472), (43, 7550), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (72, 7790), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (90, 7907), (92, 7913), (96, 7940), (110, 8009), (121, 8075), (129, 8147), (132, 8168), (141, 8219), (142, 8225),

Gene: Marleymoo_34 Start: 20343, Stop: 21347, Start Num: 9

Candidate Starts for Marleymoo_34:

(Start: 9 @20343 has 40 MA's), (16, 20469), (39, 20619), (41, 20649), (45, 20673), (63, 20844), (74, 20898), (79, 20952), (84, 20973), (87, 20988), (108, 21081), (109, 21084), (111, 21093), (120, 21150), (130, 21222), (136, 21255), (145, 21315),

Gene: Marshmallow_19 Start: 11378, Stop: 12349, Start Num: 11

Candidate Starts for Marshmallow_19:

(Start: 11 @11378 has 124 MA's), (Start: 13 @11387 has 1 MA's), (16, 11447), (37, 11600), (50, 11696), (56, 11771), (61, 11816), (66, 11858), (68, 11876), (100, 12047), (106, 12077), (111, 12101), (115, 12110), (126, 12209), (130, 12230), (139, 12281),

Gene: Martik_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for Martik_11:

(Start: 23 @7538 has 9 MA's), (26, 7553), (Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (90, 8057), (92, 8063), (95, 8087), (121, 8225), (129, 8297), (132, 8318), (139, 8351), (141, 8369), (142, 8375),

Gene: Mattes_11 Start: 7601, Stop: 8410, Start Num: 34

Candidate Starts for Mattes_11:

(Start: 27 @7544 has 2 MA's), (Start: 34 @7601 has 242 MA's), (35, 7613), (43, 7691), (48, 7727), (51, 7751), (52, 7757), (57, 7820), (73, 7934), (74, 7937), (75, 7940), (77, 7970), (79, 7991), (81, 8000), (90, 8048), (92, 8054), (95, 8078), (121, 8216), (129, 8288), (132, 8309), (139, 8342), (141, 8360), (142, 8366),

Gene: Maxxinista_19 Start: 10315, Stop: 11289, Start Num: 11

Candidate Starts for Maxxinista_19:

(Start: 11 @10315 has 124 MA's), (Start: 13 @10324 has 1 MA's), (16, 10384), (37, 10537), (50, 10633), (56, 10708), (61, 10753), (66, 10795), (68, 10813), (100, 10984), (106, 11014), (111, 11038), (115, 11047), (126, 11146), (130, 11167), (139, 11218),

Gene: Megiddo_14 Start: 8837, Stop: 9835, Start Num: 10

Candidate Starts for Megiddo_14:

(7, 8798), (Start: 10 @8837 has 90 MA's), (Start: 13 @8861 has 1 MA's), (17, 8927), (19, 8945), (29, 8981), (45, 9152), (60, 9302), (67, 9356), (70, 9368), (80, 9437), (83, 9452), (101, 9533), (127, 9695), (143, 9788), (147, 9812),

Gene: Melissauren88_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Melissauren88_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Melville_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Melville_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: MiaZeal_29 Start: 16133, Stop: 17137, Start Num: 9

Candidate Starts for MiaZeal_29:

(Start: 9 @16133 has 40 MA's), (16, 16259), (39, 16409), (41, 16439), (45, 16463), (74, 16688), (79, 16742), (111, 16883), (120, 16940), (126, 16994),

Gene: MichelleMyBell_13 Start: 7917, Stop: 8975, Start Num: 10

Candidate Starts for MichelleMyBell_13:

(6, 7854), (Start: 10 @7917 has 90 MA's), (25, 8073), (50, 8295), (63, 8430), (71, 8487), (75, 8499), (93, 8622), (94, 8628), (99, 8655), (102, 8676), (106, 8691), (116, 8739), (122, 8796), (129, 8847), (130, 8850), (139, 8901), (140, 8907), (144, 8940), (145, 8943),

Gene: MilanaBonita_12 Start: 8280, Stop: 9089, Start Num: 34

Candidate Starts for MilanaBonita_12:

(Start: 34 @8280 has 242 MA's), (35, 8292), (42, 8361), (43, 8370), (48, 8406), (51, 8430), (52, 8436), (57, 8499), (69, 8598), (73, 8613), (74, 8616), (75, 8619), (77, 8649), (79, 8670), (81, 8679), (92, 8733), (121, 8895), (129, 8967), (132, 8988), (141, 9039), (142, 9045),

Gene: MilleniumForce_12 Start: 8279, Stop: 9088, Start Num: 34

Candidate Starts for MilleniumForce_12:

(Start: 24 @8207 has 1 MA's), (Start: 34 @8279 has 242 MA's), (35, 8291), (42, 8360), (43, 8369), (48, 8405), (51, 8429), (52, 8435), (57, 8498), (72, 8609), (73, 8612), (74, 8615), (75, 8618), (77, 8648), (79, 8669), (81, 8678), (92, 8732), (121, 8894), (129, 8966), (132, 8987), (141, 9038), (142, 9044),

Gene: Mindy_19 Start: 11157, Stop: 12128, Start Num: 11

Candidate Starts for Mindy_19:

(Start: 11 @11157 has 124 MA's), (Start: 13 @11166 has 1 MA's), (16, 11226), (37, 11379), (50, 11475), (56, 11550), (61, 11595), (66, 11637), (68, 11655), (100, 11826), (103, 11847), (108, 11868), (115, 11889), (120, 11934), (126, 11988), (131, 12021), (133, 12033), (139, 12060),

Gene: Minerva_31 Start: 18417, Stop: 19421, Start Num: 9

Candidate Starts for Minerva_31:

(Start: 9 @18417 has 40 MA's), (16, 18543), (39, 18693), (41, 18723), (45, 18747), (63, 18918), (74, 18972), (79, 19026), (84, 19047), (87, 19062), (108, 19155), (109, 19158), (111, 19167), (120, 19224), (130, 19296), (136, 19329), (145, 19389),

Gene: MinionDave_12 Start: 8280, Stop: 9089, Start Num: 34

Candidate Starts for MinionDave_12:

(Start: 34 @8280 has 242 MA's), (35, 8292), (42, 8361), (43, 8370), (51, 8430), (52, 8436), (57, 8499), (73, 8613), (74, 8616), (75, 8619), (77, 8649), (79, 8670), (81, 8679), (92, 8733), (129, 8967), (132, 8988), (141, 9039), (142, 9045),

Gene: Miniwave_19 Start: 11576, Stop: 12547, Start Num: 11

Candidate Starts for Miniwave_19:

(Start: 11 @11576 has 124 MA's), (Start: 13 @11585 has 1 MA's), (16, 11645), (37, 11798), (50, 11894), (56, 11969), (61, 12014), (66, 12056), (68, 12074), (100, 12245), (103, 12266), (108, 12287), (115, 12308), (120, 12353), (126, 12407), (131, 12440), (133, 12452), (139, 12479),

Gene: Minnie_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for Minnie_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (92, 8079), (96, 8106), (121, 8241), (132, 8334), (141, 8385), (142, 8391),

Gene: Misfit_18 Start: 10932, Stop: 11906, Start Num: 11

Candidate Starts for Misfit_18:

(Start: 11 @10932 has 124 MA's), (Start: 13 @10941 has 1 MA's), (16, 11001), (37, 11154), (50, 11250), (56, 11325), (61, 11370), (66, 11412), (68, 11430), (100, 11601), (106, 11631), (111, 11655), (115, 11664), (126, 11763), (130, 11784), (139, 11835),

Gene: Misha28_12 Start: 7464, Stop: 8273, Start Num: 34

Candidate Starts for Misha28_12:

(Start: 27 @7407 has 2 MA's), (Start: 34 @7464 has 242 MA's), (35, 7476), (43, 7554), (48, 7590), (51, 7614), (52, 7620), (57, 7683), (73, 7797), (74, 7800), (75, 7803), (77, 7833), (79, 7854), (81, 7863), (92, 7917), (96, 7944), (121, 8079), (129, 8151), (132, 8172), (141, 8223), (142, 8229),

Gene: MisterCuddles_11 Start: 7614, Stop: 8423, Start Num: 34

Candidate Starts for MisterCuddles_11:

(Start: 27 @7557 has 2 MA's), (Start: 34 @7614 has 242 MA's), (35, 7626), (43, 7704), (48, 7740), (51, 7764), (52, 7770), (57, 7833), (73, 7947), (74, 7950), (75, 7953), (77, 7983), (79, 8004), (81, 8013), (92, 8067), (95, 8091), (96, 8094), (121, 8229), (129, 8301), (132, 8322), (139, 8355), (141, 8373), (142,

8379),

Gene: Modragons_11 Start: 7607, Stop: 8416, Start Num: 34

Candidate Starts for Modragons_11:

(Start: 27 @7550 has 2 MA's), (Start: 34 @7607 has 242 MA's), (35, 7619), (43, 7697), (48, 7733), (51, 7757), (52, 7763), (57, 7826), (72, 7937), (73, 7940), (74, 7943), (75, 7946), (77, 7976), (79, 7997), (81, 8006), (90, 8054), (92, 8060), (95, 8084), (121, 8222), (129, 8294), (132, 8315), (141, 8366), (142, 8372),

Gene: Moldemort_19 Start: 10590, Stop: 11564, Start Num: 11

Candidate Starts for Moldemort_19:

(Start: 11 @10590 has 124 MA's), (Start: 13 @10599 has 1 MA's), (16, 10659), (37, 10812), (50, 10908), (56, 10983), (61, 11028), (66, 11070), (68, 11088), (100, 11259), (106, 11289), (111, 11313), (115, 11322), (126, 11421), (130, 11442), (139, 11493),

Gene: MooMoo_11 Start: 7161, Stop: 7961, Start Num: 34

Candidate Starts for MooMoo_11:

(Start: 30 @7110 has 1 MA's), (Start: 34 @7161 has 242 MA's), (43, 7257), (54, 7353), (58, 7392), (73, 7497), (88, 7602), (104, 7683), (105, 7686), (107, 7701), (119, 7761), (127, 7836), (132, 7869), (134, 7875), (135, 7878),

Gene: Moonbeam_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for Moonbeam_11:

(Start: 34 @7611 has 242 MA's), (35, 7623), (43, 7701), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (72, 7941), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (92, 8064), (121, 8226), (129, 8298), (132, 8319), (141, 8370), (142, 8376),

Gene: Mori_46 Start: 23444, Stop: 24259, Start Num: 34

Candidate Starts for Mori_46:

(Start: 34 @23444 has 242 MA's), (42, 23525), (57, 23666), (59, 23681), (73, 23780), (76, 23798), (85, 23861), (87, 23873), (89, 23888), (114, 24005), (128, 24131),

Gene: Mosby_18 Start: 10886, Stop: 11857, Start Num: 11

Candidate Starts for Mosby_18:

(Start: 11 @10886 has 124 MA's), (Start: 13 @10895 has 1 MA's), (16, 10955), (37, 11108), (50, 11204), (56, 11279), (61, 11324), (66, 11366), (68, 11384), (100, 11555), (106, 11585), (111, 11609), (115, 11618), (126, 11717), (130, 11738), (139, 11789),

Gene: Mova_12 Start: 7464, Stop: 8273, Start Num: 34

Candidate Starts for Mova_12:

(Start: 23 @7392 has 9 MA's), (Start: 27 @7407 has 2 MA's), (Start: 34 @7464 has 242 MA's), (35, 7476), (48, 7590), (51, 7614), (52, 7620), (57, 7683), (72, 7794), (73, 7797), (74, 7800), (75, 7803), (77, 7833), (79, 7854), (81, 7863), (92, 7917), (96, 7944), (121, 8079), (129, 8151), (132, 8172), (141, 8223), (142, 8229),

Gene: Mozy_12 Start: 7477, Stop: 8286, Start Num: 34

Candidate Starts for Mozy_12:

(Start: 34 @7477 has 242 MA's), (35, 7489), (42, 7558), (43, 7567), (48, 7603), (51, 7627), (52, 7633), (57, 7696), (73, 7810), (74, 7813), (77, 7846), (79, 7867), (81, 7876), (92, 7930), (96, 7957), (113, 8032), (129, 8164), (132, 8185), (141, 8236), (142, 8242),

Gene: Ms6_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Ms6_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (51, 7781), (52, 7787), (57, 7850), (73, 7964), (74, 7967), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: MulchExplorer_13 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for MulchExplorer_13:

(Start: 27 @7406 has 2 MA's), (Start: 34 @7463 has 242 MA's), (35, 7475), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: MulchSalad_11 Start: 7612, Stop: 8421, Start Num: 34

Candidate Starts for MulchSalad_11:

(Start: 34 @7612 has 242 MA's), (35, 7624), (43, 7702), (48, 7738), (51, 7762), (52, 7768), (57, 7831), (73, 7945), (74, 7948), (75, 7951), (77, 7981), (79, 8002), (81, 8011), (92, 8065), (121, 8227), (129, 8299), (132, 8320), (141, 8371), (142, 8377),

Gene: Murai_47 Start: 23634, Stop: 24449, Start Num: 34

Candidate Starts for Murai_47:

(Start: 34 @23634 has 242 MA's), (42, 23715), (57, 23856), (59, 23871), (73, 23970), (76, 23988), (85, 24051), (87, 24063), (89, 24078), (114, 24195), (128, 24321),

Gene: Murica_17 Start: 10844, Stop: 11815, Start Num: 11

Candidate Starts for Murica_17:

(Start: 11 @10844 has 124 MA's), (Start: 13 @10853 has 1 MA's), (16, 10913), (37, 11066), (50, 11162), (56, 11237), (61, 11282), (66, 11324), (68, 11342), (100, 11513), (106, 11543), (111, 11567), (115, 11576), (126, 11675), (130, 11696), (139, 11747),

Gene: Murphy_18 Start: 10307, Stop: 11281, Start Num: 11

Candidate Starts for Murphy_18:

(Start: 11 @10307 has 124 MA's), (Start: 13 @10316 has 1 MA's), (16, 10376), (37, 10529), (50, 10625), (56, 10700), (61, 10745), (66, 10787), (68, 10805), (100, 10976), (106, 11006), (111, 11030), (115, 11039), (126, 11138), (130, 11159), (139, 11210),

Gene: Mutaforma13_11 Start: 7630, Stop: 8439, Start Num: 34

Candidate Starts for Mutaforma13_11:

(Start: 34 @7630 has 242 MA's), (35, 7642), (42, 7711), (43, 7720), (48, 7756), (51, 7780), (52, 7786), (57, 7849), (72, 7960), (73, 7963), (74, 7966), (75, 7969), (77, 7999), (79, 8020), (81, 8029), (92, 8083), (96, 8110), (129, 8317), (132, 8338), (141, 8389), (142, 8395),

Gene: Myrale_19 Start: 11249, Stop: 12220, Start Num: 11

Candidate Starts for Myrale_19:

(Start: 11 @11249 has 124 MA's), (Start: 13 @11258 has 1 MA's), (16, 11318), (37, 11471), (50, 11567), (56, 11642), (61, 11687), (66, 11729), (68, 11747), (100, 11918), (103, 11939), (108, 11960), (115, 11981), (120, 12026), (126, 12080), (131, 12113), (133, 12125), (139, 12152),

Gene: Nala_18 Start: 10886, Stop: 11857, Start Num: 11

Candidate Starts for Nala_18:

(Start: 11 @10886 has 124 MA's), (Start: 13 @10895 has 1 MA's), (16, 10955), (37, 11108), (50, 11204), (56, 11279), (61, 11324), (66, 11366), (68, 11384), (100, 11555), (106, 11585), (111, 11609), (115, 11618), (126, 11717), (130, 11738), (139, 11789),

Gene: Nazo_13 Start: 8552, Stop: 9550, Start Num: 10

Candidate Starts for Nazo_13:

(8, 8513), (Start: 10 @8552 has 90 MA's), (Start: 13 @8576 has 1 MA's), (16, 8636), (19, 8660), (40, 8831), (45, 8867), (47, 8879), (49, 8900), (53, 8954), (62, 9029), (67, 9071), (70, 9083), (101, 9248), (106, 9266), (112, 9293), (123, 9374), (130, 9425), (139, 9476), (143, 9503),

Gene: Necropolis_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Necropolis_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Nekros_29 Start: 18379, Stop: 19383, Start Num: 9

Candidate Starts for Nekros_29:

(Start: 9 @18379 has 40 MA's), (16, 18505), (39, 18655), (41, 18685), (45, 18709), (74, 18934), (79, 18988), (111, 19129), (120, 19186), (126, 19240),

Gene: NelitzaMV_19 Start: 11448, Stop: 12419, Start Num: 11

Candidate Starts for NelitzaMV_19:

(Start: 11 @11448 has 124 MA's), (Start: 13 @11457 has 1 MA's), (16, 11517), (37, 11670), (50, 11766), (56, 11841), (61, 11886), (66, 11928), (68, 11946), (100, 12117), (103, 12138), (108, 12159), (115, 12180), (120, 12225), (126, 12279), (131, 12312), (133, 12324), (139, 12351),

Gene: Nенаe_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Nенаe_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: NewHope4_11 Start: 7606, Stop: 8415, Start Num: 34

Candidate Starts for NewHope4_11:

(Start: 34 @7606 has 242 MA's), (35, 7618), (42, 7687), (43, 7696), (48, 7732), (51, 7756), (52, 7762), (57, 7825), (72, 7936), (73, 7939), (74, 7942), (75, 7945), (77, 7975), (79, 7996), (81, 8005), (92, 8059), (129, 8293), (132, 8314), (141, 8365), (142, 8371),

Gene: NiebruSaylor_46 Start: 23445, Stop: 24260, Start Num: 34

Candidate Starts for NiebruSaylor_46:

(Start: 34 @23445 has 242 MA's), (42, 23526), (57, 23667), (59, 23682), (73, 23781), (76, 23799), (85, 23862), (87, 23874), (89, 23889), (114, 24006), (128, 24132),

Gene: NihilNomen_30 Start: 18414, Stop: 19418, Start Num: 9

Candidate Starts for NihilNomen_30:

(Start: 9 @18414 has 40 MA's), (16, 18540), (39, 18690), (41, 18720), (45, 18744), (63, 18915), (74, 18969), (79, 19023), (84, 19044), (87, 19059), (108, 19152), (109, 19155), (111, 19164), (120, 19221), (130, 19293), (136, 19326), (145, 19386),

Gene: Nimbo_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Nimbo_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Nimrod_18 Start: 11087, Stop: 12061, Start Num: 11

Candidate Starts for Nimrod_18:

(Start: 11 @11087 has 124 MA's), (Start: 13 @11096 has 1 MA's), (16, 11156), (37, 11309), (50, 11405), (56, 11480), (61, 11525), (66, 11567), (68, 11585), (100, 11756), (106, 11786), (111, 11810), (115, 11819), (126, 11918), (130, 11939), (139, 11990),

Gene: Nitzel_12 Start: 8262, Stop: 9071, Start Num: 34

Candidate Starts for Nitzel_12:

(Start: 34 @8262 has 242 MA's), (35, 8274), (43, 8352), (48, 8388), (51, 8412), (52, 8418), (57, 8481), (73, 8595), (74, 8598), (75, 8601), (77, 8631), (79, 8652), (81, 8661), (92, 8715), (96, 8742), (121, 8877), (132, 8970), (141, 9021), (142, 9027),

Gene: Nivrat_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Nivrat_11:

(Start: 23 @7537 has 9 MA's), (26, 7552), (Start: 34 @7609 has 242 MA's), (35, 7621), (43, 7699), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (95, 8086), (121, 8224), (129, 8296), (132, 8317), (139, 8350), (141, 8368), (142, 8374),

Gene: NoSleep_19 Start: 10587, Stop: 11561, Start Num: 11

Candidate Starts for NoSleep_19:

(Start: 11 @10587 has 124 MA's), (Start: 13 @10596 has 1 MA's), (16, 10656), (37, 10809), (50, 10905), (56, 10980), (61, 11025), (66, 11067), (68, 11085), (100, 11256), (106, 11286), (111, 11310), (115, 11319), (126, 11418), (130, 11439), (139, 11490),

Gene: NormanBulbieJr_11 Start: 7597, Stop: 8406, Start Num: 34

Candidate Starts for NormanBulbieJr_11:

(Start: 34 @7597 has 242 MA's), (35, 7609), (43, 7687), (48, 7723), (51, 7747), (52, 7753), (57, 7816), (73, 7930), (74, 7933), (75, 7936), (77, 7966), (79, 7987), (81, 7996), (92, 8050), (96, 8077), (129, 8284), (132, 8305), (141, 8356), (142, 8362),

Gene: Ochi17_11 Start: 7607, Stop: 8416, Start Num: 34

Candidate Starts for Ochi17_11:

(Start: 27 @7550 has 2 MA's), (Start: 34 @7607 has 242 MA's), (35, 7619), (43, 7697), (48, 7733), (51, 7757), (52, 7763), (57, 7826), (72, 7937), (73, 7940), (74, 7943), (75, 7946), (77, 7976), (79, 7997), (81, 8006), (90, 8054), (92, 8060), (95, 8084), (121, 8222), (129, 8294), (132, 8315), (141, 8366), (142, 8372),

Gene: Odette_31 Start: 17895, Stop: 18899, Start Num: 9

Candidate Starts for Odette_31:

(Start: 9 @17895 has 40 MA's), (16, 18021), (39, 18171), (41, 18201), (45, 18225), (63, 18396), (74, 18450), (79, 18504), (84, 18525), (87, 18540), (108, 18633), (109, 18636), (111, 18645), (120, 18702), (130, 18774), (136, 18807), (145, 18867),

Gene: OfUltron_11 Start: 7607, Stop: 8416, Start Num: 34

Candidate Starts for OfUltron_11:

(Start: 27 @7550 has 2 MA's), (Start: 34 @7607 has 242 MA's), (35, 7619), (43, 7697), (48, 7733), (51, 7757), (52, 7763), (57, 7826), (72, 7937), (73, 7940), (74, 7943), (75, 7946), (77, 7976), (79, 7997), (81, 8006), (90, 8054), (92, 8060), (95, 8084), (121, 8222), (129, 8294), (132, 8315), (141, 8366), (142, 8372),

Gene: Ogopogo_14 Start: 7806, Stop: 8672, Start Num: 27

Candidate Starts for Ogopogo_14:

(Start: 27 @7806 has 2 MA's), (Start: 34 @7863 has 242 MA's), (35, 7875), (43, 7953), (48, 7989), (51, 8013), (52, 8019), (57, 8082), (73, 8196), (74, 8199), (75, 8202), (77, 8232), (79, 8253), (81, 8262), (90,

8310), (92, 8316), (95, 8340), (96, 8343), (121, 8478), (129, 8550), (132, 8571), (139, 8604), (141, 8622), (142, 8628),

Gene: Oksu_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Oksu_12:

(Start: 27 @7406 has 2 MA's), (Start: 34 @7463 has 242 MA's), (35, 7475), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (90, 7910), (92, 7916), (95, 7940), (96, 7943), (121, 8078), (129, 8150), (132, 8171), (139, 8204), (141, 8222), (142, 8228),

Gene: OldBen_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for OldBen_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: OlympiaSaint_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for OlympiaSaint_11:

(Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (92, 8063), (96, 8090), (129, 8297), (132, 8318), (141, 8369), (142, 8375),

Gene: Omega_31 Start: 20059, Stop: 21063, Start Num: 9

Candidate Starts for Omega_31:

(Start: 9 @20059 has 40 MA's), (16, 20185), (39, 20335), (41, 20365), (45, 20389), (74, 20614), (79, 20668), (111, 20809), (120, 20866), (126, 20920),

Gene: Optimus_29 Start: 17992, Stop: 18996, Start Num: 9

Candidate Starts for Optimus_29:

(Start: 9 @17992 has 40 MA's), (16, 18118), (39, 18268), (41, 18298), (45, 18322), (63, 18493), (74, 18547), (79, 18601), (84, 18622), (87, 18637), (108, 18730), (109, 18733), (111, 18742), (120, 18799), (130, 18871), (136, 18904), (145, 18964),

Gene: OrionPax_19 Start: 10590, Stop: 11564, Start Num: 11

Candidate Starts for OrionPax_19:

(Start: 11 @10590 has 124 MA's), (Start: 13 @10599 has 1 MA's), (16, 10659), (37, 10812), (50, 10908), (56, 10983), (61, 11028), (66, 11070), (68, 11088), (100, 11259), (106, 11289), (111, 11313), (115, 11322), (126, 11421), (130, 11442), (139, 11493),

Gene: Ovechkin_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Ovechkin_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (51, 7781), (52, 7787), (57, 7850), (73, 7964), (74, 7967), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: OwlsT2W_12 Start: 7461, Stop: 8270, Start Num: 34

Candidate Starts for OwlsT2W_12:

(Start: 22 @7386 has 3 MA's), (Start: 23 @7389 has 9 MA's), (Start: 27 @7404 has 2 MA's), (Start: 34 @7461 has 242 MA's), (35, 7473), (43, 7551), (48, 7587), (51, 7611), (52, 7617), (57, 7680), (73, 7794), (74, 7797), (75, 7800), (77, 7830), (79, 7851), (81, 7860), (90, 7908), (92, 7914), (96, 7941), (110, 8010), (121, 8076), (129, 8148), (132, 8169), (141, 8220), (142, 8226),

Gene: PHappiness_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for PHappiness_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: PMC_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for PMC_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (92, 8079), (96, 8106), (121, 8241), (129, 8313), (132, 8334), (141, 8385), (142, 8391),

Gene: Pacc40_11 Start: 7537, Stop: 8418, Start Num: 23

Candidate Starts for Pacc40_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Palpatine_18 Start: 10892, Stop: 11854, Start Num: 13

Candidate Starts for Palpatine_18:

(Start: 11 @10883 has 124 MA's), (Start: 13 @10892 has 1 MA's), (16, 10952), (37, 11105), (50, 11201), (56, 11276), (61, 11321), (66, 11363), (68, 11381), (100, 11552), (106, 11582), (111, 11606), (115, 11615), (126, 11714), (130, 11735), (139, 11786),

Gene: Panchino_13 Start: 7899, Stop: 8957, Start Num: 10

Candidate Starts for Panchino_13:

(6, 7836), (Start: 10 @7899 has 90 MA's), (25, 8055), (46, 8247), (50, 8277), (63, 8412), (71, 8469), (75, 8481), (93, 8604), (94, 8610), (100, 8640), (102, 8658), (106, 8673), (116, 8721), (118, 8733), (122, 8778), (130, 8832), (140, 8889), (144, 8922), (145, 8925),

Gene: Paperbeatsrock_20 Start: 11822, Stop: 12796, Start Num: 11

Candidate Starts for Paperbeatsrock_20:

(Start: 11 @11822 has 124 MA's), (Start: 13 @11831 has 1 MA's), (16, 11891), (37, 12044), (50, 12140), (56, 12215), (61, 12260), (66, 12302), (68, 12320), (100, 12491), (106, 12521), (111, 12545), (115, 12554), (126, 12653), (130, 12674), (139, 12725),

Gene: Parmesanjohn_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Parmesanjohn_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Pat3_18 Start: 10090, Stop: 11061, Start Num: 11

Candidate Starts for Pat3_18:

(Start: 11 @10090 has 124 MA's), (Start: 13 @10099 has 1 MA's), (16, 10159), (37, 10312), (50, 10408), (56, 10483), (61, 10528), (66, 10570), (68, 10588), (100, 10759), (106, 10789), (111, 10813), (115, 10822), (117, 10837), (126, 10921), (139, 10993),

Gene: Petra64142_19 Start: 11303, Stop: 12277, Start Num: 11

Candidate Starts for Petra64142_19:

(Start: 11 @11303 has 124 MA's), (Start: 13 @11312 has 1 MA's), (16, 11372), (37, 11525), (50, 11621), (56, 11696), (61, 11741), (66, 11783), (68, 11801), (100, 11972), (106, 12002), (111, 12026), (115, 12035), (126, 12134), (130, 12155), (139, 12206),

Gene: Phaja_18 Start: 11038, Stop: 12009, Start Num: 11

Candidate Starts for Phaja_18:

(Start: 11 @11038 has 124 MA's), (Start: 13 @11047 has 1 MA's), (16, 11107), (37, 11260), (50, 11356), (56, 11431), (61, 11476), (66, 11518), (68, 11536), (100, 11707), (106, 11737), (111, 11761), (115, 11770), (126, 11869), (130, 11890), (139, 11941),

Gene: Phalconet_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Phalconet_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (69, 7949), (73, 7964), (74, 7967), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Phalm_14 Start: 8837, Stop: 9835, Start Num: 10

Candidate Starts for Phalm_14:

(7, 8798), (Start: 10 @8837 has 90 MA's), (Start: 13 @8861 has 1 MA's), (17, 8927), (19, 8945), (29, 8981), (45, 9152), (60, 9302), (67, 9356), (70, 9368), (80, 9437), (83, 9452), (101, 9533), (127, 9695), (143, 9788), (147, 9812),

Gene: PhancyPhin_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for PhancyPhin_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: Phanphagia_11 Start: 7632, Stop: 8441, Start Num: 34

Candidate Starts for Phanphagia_11:

(Start: 34 @7632 has 242 MA's), (35, 7644), (42, 7713), (43, 7722), (48, 7758), (51, 7782), (52, 7788), (57, 7851), (72, 7962), (73, 7965), (74, 7968), (75, 7971), (77, 8001), (79, 8022), (81, 8031), (92, 8085), (129, 8319), (132, 8340), (141, 8391), (142, 8397),

Gene: Pharsalus_19 Start: 11622, Stop: 12596, Start Num: 11

Candidate Starts for Pharsalus_19:

(Start: 11 @11622 has 124 MA's), (Start: 13 @11631 has 1 MA's), (16, 11691), (37, 11844), (50, 11940), (56, 12015), (61, 12060), (66, 12102), (68, 12120), (100, 12291), (106, 12321), (111, 12345), (115, 12354), (126, 12453), (130, 12474), (139, 12525),

Gene: Phasih_11 Start: 7625, Stop: 8434, Start Num: 34

Candidate Starts for Phasih_11:

(Start: 27 @7568 has 2 MA's), (Start: 34 @7625 has 242 MA's), (35, 7637), (42, 7706), (43, 7715), (51, 7775), (52, 7781), (57, 7844), (73, 7958), (74, 7961), (75, 7964), (77, 7994), (79, 8015), (81, 8024), (92, 8078), (95, 8102), (129, 8312), (132, 8333), (139, 8366), (141, 8384), (142, 8390),

Gene: PhatBacter_18 Start: 10888, Stop: 11859, Start Num: 11

Candidate Starts for PhatBacter_18:

(Start: 11 @10888 has 124 MA's), (Start: 13 @10897 has 1 MA's), (16, 10957), (37, 11110), (50, 11206), (56, 11281), (61, 11326), (66, 11368), (68, 11386), (100, 11557), (106, 11587), (111, 11611), (115, 11620), (126, 11719), (130, 11740), (139, 11791),

Gene: Phatniss_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Phatniss_11:

(Start: 34 @7609 has 242 MA's), (35, 7621), (43, 7699), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (132, 8317), (141, 8368), (142, 8374),

Gene: Phaux_17 Start: 10886, Stop: 11857, Start Num: 11

Candidate Starts for Phaux_17:

(Start: 11 @10886 has 124 MA's), (Start: 13 @10895 has 1 MA's), (16, 10955), (37, 11108), (50, 11204), (56, 11279), (61, 11324), (66, 11366), (68, 11384), (100, 11555), (106, 11585), (111, 11609), (115, 11618), (126, 11717), (130, 11738), (139, 11789),

Gene: Phayonce_13 Start: 8501, Stop: 9499, Start Num: 10

Candidate Starts for Phayonce_13:

(Start: 10 @8501 has 90 MA's), (Start: 13 @8525 has 1 MA's), (19, 8609), (29, 8645), (33, 8669), (36, 8732), (40, 8780), (44, 8813), (45, 8816), (60, 8966), (65, 9002), (67, 9020), (70, 9032), (80, 9101), (83, 9116), (101, 9197), (112, 9242), (127, 9359), (143, 9452), (148, 9479),

Gene: Phegasus_14 Start: 8818, Stop: 9816, Start Num: 10

Candidate Starts for Phegasus_14:

(7, 8779), (Start: 10 @8818 has 90 MA's), (Start: 13 @8842 has 1 MA's), (17, 8908), (19, 8926), (29, 8962), (40, 9097), (45, 9133), (60, 9283), (67, 9337), (70, 9349), (80, 9418), (97, 9493), (101, 9514), (127, 9676), (143, 9769), (147, 9793),

Gene: PhesterPhotato_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for PhesterPhotato_11:

(Start: 24 @7559 has 1 MA's), (Start: 27 @7571 has 2 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Philonius_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Philonius_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Philus_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Philus_11:

(Start: 23 @7537 has 9 MA's), (26, 7552), (Start: 34 @7609 has 242 MA's), (35, 7621), (43, 7699), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (95, 8086), (121, 8224), (129, 8296), (132, 8317), (139, 8350), (141, 8368), (142, 8374),

Gene: Phineas_14 Start: 8822, Stop: 9820, Start Num: 10

Candidate Starts for Phineas_14:

(7, 8783), (Start: 10 @8822 has 90 MA's), (Start: 13 @8846 has 1 MA's), (17, 8912), (19, 8930), (29, 8966), (40, 9101), (45, 9137), (60, 9287), (67, 9341), (70, 9353), (80, 9422), (97, 9497), (101, 9518), (127, 9680), (143, 9773), (147, 9797),

Gene: PhlipPhlop_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for PhlipPhlop_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (72, 7956), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (92, 8079), (121,

8241), (129, 8313), (132, 8334), (141, 8385), (142, 8391),

Gene: Phloss_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Phloss_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Phoebus_31 Start: 18639, Stop: 19643, Start Num: 9

Candidate Starts for Phoebus_31:

(Start: 9 @18639 has 40 MA's), (16, 18765), (39, 18915), (41, 18945), (45, 18969), (63, 19140), (74, 19194), (79, 19248), (84, 19269), (87, 19284), (108, 19377), (109, 19380), (111, 19389), (120, 19446), (130, 19518), (136, 19551), (145, 19611),

Gene: Phrann_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Phrann_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (71, 8493), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: Phrux_18 Start: 10586, Stop: 11560, Start Num: 11

Candidate Starts for Phrux_18:

(Start: 11 @10586 has 124 MA's), (Start: 13 @10595 has 1 MA's), (16, 10655), (37, 10808), (50, 10904), (56, 10979), (61, 11024), (66, 11066), (68, 11084), (100, 11255), (106, 11285), (111, 11309), (115, 11318), (126, 11417), (130, 11438), (139, 11489),

Gene: Piper2020_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Piper2020_12:

(Start: 23 @7391 has 9 MA's), (Start: 27 @7406 has 2 MA's), (Start: 34 @7463 has 242 MA's), (35, 7475), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (90, 7910), (92, 7916), (96, 7943), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: Pippy_11 Start: 7597, Stop: 8406, Start Num: 34

Candidate Starts for Pippy_11:

(Start: 34 @7597 has 242 MA's), (35, 7609), (43, 7687), (48, 7723), (51, 7747), (52, 7753), (57, 7816), (73, 7930), (74, 7933), (75, 7936), (77, 7966), (79, 7987), (81, 7996), (92, 8050), (121, 8212), (132, 8305), (141, 8356), (142, 8362),

Gene: Pipsqueaks_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Pipsqueaks_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Plumbus_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Plumbus_12:

(Start: 27 @7406 has 2 MA's), (Start: 34 @7463 has 242 MA's), (35, 7475), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: Poenanya_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Poenanya_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Policronamos_18 Start: 10888, Stop: 11859, Start Num: 11

Candidate Starts for Policronamos_18:

(Start: 11 @10888 has 124 MA's), (Start: 13 @10897 has 1 MA's), (16, 10957), (37, 11110), (50, 11206), (56, 11281), (61, 11326), (66, 11368), (68, 11386), (100, 11557), (106, 11587), (111, 11611), (115, 11620), (126, 11719), (130, 11740), (139, 11791),

Gene: Polka14_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for Polka14_11:

(Start: 23 @7538 has 9 MA's), (Start: 27 @7553 has 2 MA's), (Start: 34 @7610 has 242 MA's), (35, 7622), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (92, 8063), (96, 8090), (121, 8225), (129, 8297), (132, 8318), (139, 8351), (141, 8369), (142, 8375),

Gene: Polkaroo_14 Start: 8850, Stop: 9848, Start Num: 10

Candidate Starts for Polkaroo_14:

(7, 8811), (Start: 10 @8850 has 90 MA's), (Start: 13 @8874 has 1 MA's), (17, 8940), (19, 8958), (29, 8994), (40, 9129), (45, 9165), (60, 9315), (67, 9369), (70, 9381), (80, 9450), (97, 9525), (101, 9546), (127, 9708), (143, 9801), (147, 9825),

Gene: Pollywog_12 Start: 7462, Stop: 8271, Start Num: 34

Candidate Starts for Pollywog_12:

(Start: 23 @7390 has 9 MA's), (Start: 27 @7405 has 2 MA's), (Start: 34 @7462 has 242 MA's), (35, 7474), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (92, 7915), (96, 7942), (121, 8077), (129, 8149), (132, 8170), (139, 8203), (141, 8221), (142, 8227),

Gene: Polo2Bam_12 Start: 7606, Stop: 8415, Start Num: 34

Candidate Starts for Polo2Bam_12:

(Start: 34 @7606 has 242 MA's), (35, 7618), (42, 7687), (43, 7696), (48, 7732), (51, 7756), (52, 7762), (57, 7825), (72, 7936), (73, 7939), (74, 7942), (75, 7945), (77, 7975), (79, 7996), (81, 8005), (92, 8059), (129, 8293), (132, 8314), (141, 8365), (142, 8371),

Gene: PopTart_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for PopTart_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Porcelain_28 Start: 16133, Stop: 17137, Start Num: 9

Candidate Starts for Porcelain_28:

(Start: 9 @16133 has 40 MA's), (16, 16259), (39, 16409), (41, 16439), (45, 16463), (74, 16688), (79, 16742), (111, 16883), (120, 16940), (126, 16994),

Gene: Porky_17 Start: 10160, Stop: 11134, Start Num: 11

Candidate Starts for Porky_17:

(Start: 11 @10160 has 124 MA's), (Start: 13 @10169 has 1 MA's), (16, 10229), (37, 10382), (50, 10478), (56, 10553), (61, 10598), (66, 10640), (68, 10658), (100, 10829), (106, 10859), (111, 10883), (115, 10892), (126, 10991), (130, 11012), (139, 11063),

Gene: Pound_31 Start: 18731, Stop: 19735, Start Num: 9

Candidate Starts for Pound_31:

(Start: 9 @18731 has 40 MA's), (16, 18857), (39, 19007), (41, 19037), (45, 19061), (63, 19232), (74, 19286), (79, 19340), (84, 19361), (87, 19376), (108, 19469), (109, 19472), (111, 19481), (120, 19538), (130, 19610), (136, 19643), (145, 19703),

Gene: Priscilla_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for Priscilla_11:

(Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (92, 8063), (96, 8090), (121, 8225), (129, 8297), (132, 8318), (139, 8351), (141, 8369), (142, 8375),

Gene: Pumpkin_19 Start: 10403, Stop: 11377, Start Num: 11

Candidate Starts for Pumpkin_19:

(Start: 11 @10403 has 124 MA's), (Start: 13 @10412 has 1 MA's), (16, 10472), (37, 10625), (50, 10721), (56, 10796), (61, 10841), (66, 10883), (68, 10901), (100, 11072), (106, 11102), (111, 11126), (115, 11135), (126, 11234), (130, 11255), (139, 11306),

Gene: Purgamenstris_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Purgamenstris_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: Purky_13 Start: 8511, Stop: 9509, Start Num: 10

Candidate Starts for Purky_13:

(5, 8436), (7, 8472), (Start: 10 @8511 has 90 MA's), (Start: 13 @8535 has 1 MA's), (19, 8619), (29, 8655), (40, 8790), (45, 8826), (60, 8976), (67, 9030), (70, 9042), (80, 9111), (83, 9126), (101, 9207), (106, 9225), (112, 9252), (123, 9333), (127, 9369), (130, 9384), (143, 9462),

Gene: Pygmy_13 Start: 8552, Stop: 9550, Start Num: 10

Candidate Starts for Pygmy_13:

(2, 8351), (4, 8402), (7, 8513), (Start: 10 @8552 has 90 MA's), (Start: 13 @8576 has 1 MA's), (17, 8642), (19, 8660), (29, 8696), (40, 8831), (45, 8867), (60, 9017), (67, 9071), (70, 9083), (80, 9152), (97, 9227), (101, 9248), (127, 9410), (143, 9503), (147, 9527),

Gene: Quallification_20 Start: 11585, Stop: 12556, Start Num: 11

Candidate Starts for Quallification_20:

(Start: 11 @11585 has 124 MA's), (Start: 13 @11594 has 1 MA's), (16, 11654), (37, 11807), (50, 11903), (56, 11978), (61, 12023), (66, 12065), (68, 12083), (100, 12254), (103, 12275), (108, 12296), (115, 12317), (120, 12362), (126, 12416), (131, 12449), (133, 12461), (139, 12488),

Gene: QueenHazel_13 Start: 8870, Stop: 9670, Start Num: 34

Candidate Starts for QueenHazel_13:

(31, 8825), (Start: 34 @8870 has 242 MA's), (43, 8966), (52, 9029), (59, 9107), (73, 9206), (77, 9242), (125, 9518), (132, 9578), (134, 9584),

Gene: QuickMath_11 Start: 7632, Stop: 8441, Start Num: 34

Candidate Starts for QuickMath_11:

(Start: 24 @7560 has 1 MA's), (Start: 34 @7632 has 242 MA's), (35, 7644), (42, 7713), (43, 7722), (48, 7758), (51, 7782), (52, 7788), (57, 7851), (72, 7962), (73, 7965), (74, 7968), (77, 8001), (79, 8022), (81, 8031), (92, 8085), (121, 8247), (129, 8319), (132, 8340), (141, 8391), (142, 8397),

Gene: Quico_12 Start: 7458, Stop: 8267, Start Num: 34

Candidate Starts for Quico_12:

(Start: 34 @7458 has 242 MA's), (35, 7470), (43, 7548), (48, 7584), (51, 7608), (52, 7614), (57, 7677), (73, 7791), (74, 7794), (75, 7797), (77, 7827), (79, 7848), (81, 7857), (92, 7911), (95, 7935), (121, 8073), (129, 8145), (132, 8166), (141, 8217), (142, 8223),

Gene: Radiance_11 Start: 7608, Stop: 8417, Start Num: 34

Candidate Starts for Radiance_11:

(18, 7500), (Start: 27 @7551 has 2 MA's), (Start: 34 @7608 has 242 MA's), (35, 7620), (48, 7734), (51, 7758), (52, 7764), (57, 7827), (73, 7941), (74, 7944), (75, 7947), (77, 7977), (79, 7998), (81, 8007), (92, 8061), (121, 8223), (129, 8295), (132, 8316), (141, 8367), (142, 8373),

Gene: Rakim_20 Start: 11492, Stop: 12463, Start Num: 11

Candidate Starts for Rakim_20:

(Start: 11 @11492 has 124 MA's), (Start: 13 @11501 has 1 MA's), (16, 11561), (37, 11714), (50, 11810), (56, 11885), (61, 11930), (66, 11972), (68, 11990), (100, 12161), (103, 12182), (108, 12203), (115, 12224), (120, 12269), (126, 12323), (131, 12356), (133, 12368), (139, 12395),

Gene: Ramsey_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for Ramsey_12:

(Start: 27 @7403 has 2 MA's), (Start: 34 @7460 has 242 MA's), (35, 7472), (43, 7550), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (72, 7790), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (92, 7913), (96, 7940), (121, 8075), (132, 8168), (141, 8219), (142, 8225),

Gene: Raymond7_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Raymond7_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: Rearden_26 Start: 15118, Stop: 16122, Start Num: 9

Candidate Starts for Rearden_26:

(Start: 9 @15118 has 40 MA's), (16, 15244), (39, 15394), (41, 15424), (45, 15448), (74, 15673), (79, 15727), (111, 15868), (120, 15925), (126, 15979),

Gene: Rebel_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Rebel_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: RedBird_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for RedBird_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Redi_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Redi_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757),

(122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: Redno2_30 Start: 18123, Stop: 19127, Start Num: 9

Candidate Starts for Redno2_30:

(Start: 9 @18123 has 40 MA's), (16, 18249), (39, 18399), (41, 18429), (45, 18453), (63, 18624), (74, 18678), (79, 18732), (84, 18753), (87, 18768), (108, 18861), (109, 18864), (111, 18873), (120, 18930), (130, 19002), (136, 19035), (145, 19095),

Gene: Renaud18_12 Start: 7913, Stop: 8725, Start Num: 34

Candidate Starts for Renaud18_12:

(Start: 34 @7913 has 242 MA's), (43, 8003), (48, 8039), (68, 8228), (72, 8243), (73, 8246), (77, 8282), (82, 8318), (119, 8510), (121, 8528), (132, 8621), (137, 8648), (146, 8705),

Gene: Rialto_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Rialto_12:

(Start: 34 @7463 has 242 MA's), (35, 7475), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (72, 7793), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: Rimmer_18 Start: 10945, Stop: 11916, Start Num: 11

Candidate Starts for Rimmer_18:

(Start: 11 @10945 has 124 MA's), (Start: 13 @10954 has 1 MA's), (16, 11014), (37, 11167), (50, 11263), (56, 11338), (61, 11383), (66, 11425), (68, 11443), (100, 11614), (106, 11644), (111, 11668), (115, 11677), (126, 11776), (130, 11797), (139, 11848),

Gene: Rita_11 Start: 7600, Stop: 8409, Start Num: 34

Candidate Starts for Rita_11:

(Start: 34 @7600 has 242 MA's), (35, 7612), (42, 7681), (48, 7726), (51, 7750), (52, 7756), (57, 7819), (73, 7933), (74, 7936), (77, 7969), (79, 7990), (81, 7999), (92, 8053), (96, 8080), (98, 8086), (121, 8215), (129, 8287), (132, 8308), (141, 8359), (142, 8365),

Gene: RitaG_11 Start: 7534, Stop: 8418, Start Num: 22

Candidate Starts for RitaG_11:

(Start: 22 @7534 has 3 MA's), (Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: RiverMonster_18 Start: 10600, Stop: 11574, Start Num: 11

Candidate Starts for RiverMonster_18:

(Start: 11 @10600 has 124 MA's), (Start: 13 @10609 has 1 MA's), (16, 10669), (37, 10822), (50, 10918), (56, 10993), (61, 11038), (66, 11080), (68, 11098), (100, 11269), (106, 11299), (111, 11323), (115, 11332), (126, 11431), (130, 11452), (139, 11503),

Gene: Rockne_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for Rockne_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (92, 8079), (96, 8106), (121, 8241), (129, 8313), (132, 8334), (141, 8385), (142, 8391),

Gene: RockyHorror_12 Start: 7461, Stop: 8270, Start Num: 34

Candidate Starts for RockyHorror_12:

(Start: 34 @7461 has 242 MA's), (35, 7473), (43, 7551), (48, 7587), (51, 7611), (52, 7617), (57, 7680), (73, 7794), (74, 7797), (75, 7800), (77, 7830), (79, 7851), (81, 7860), (90, 7908), (92, 7914), (96, 7941), (121, 8076), (129, 8148), (130, 8151), (132, 8169), (141, 8220), (142, 8226),

Gene: Royals2015_11 Start: 7629, Stop: 8438, Start Num: 34

Candidate Starts for Royals2015_11:

(12, 7431), (14, 7452), (15, 7455), (32, 7590), (Start: 34 @7629 has 242 MA's), (35, 7641), (42, 7710), (43, 7719), (48, 7755), (51, 7779), (52, 7785), (57, 7848), (72, 7959), (73, 7962), (74, 7965), (75, 7968), (77, 7998), (79, 8019), (81, 8028), (92, 8082), (121, 8244), (129, 8316), (132, 8337), (141, 8388), (142, 8394),

Gene: Rubeelu_13 Start: 7898, Stop: 8956, Start Num: 10

Candidate Starts for Rubeelu_13:

(6, 7835), (Start: 10 @7898 has 90 MA's), (25, 8054), (50, 8276), (63, 8411), (71, 8468), (75, 8480), (93, 8603), (94, 8609), (99, 8636), (102, 8657), (116, 8720), (122, 8777), (129, 8828), (130, 8831), (139, 8882), (140, 8888), (144, 8921), (145, 8924),

Gene: Ruby_11 Start: 7557, Stop: 8423, Start Num: 27

Candidate Starts for Ruby_11:

(Start: 27 @7557 has 2 MA's), (Start: 34 @7614 has 242 MA's), (35, 7626), (43, 7704), (48, 7740), (51, 7764), (52, 7770), (57, 7833), (73, 7947), (74, 7950), (75, 7953), (77, 7983), (79, 8004), (81, 8013), (92, 8067), (95, 8091), (96, 8094), (121, 8229), (129, 8301), (132, 8322), (139, 8355), (141, 8373), (142, 8379),

Gene: Ryadel_51 Start: 24909, Stop: 25724, Start Num: 34

Candidate Starts for Ryadel_51:

(Start: 34 @24909 has 242 MA's), (42, 24990), (57, 25131), (73, 25245), (76, 25263), (78, 25296), (85, 25326), (87, 25338), (89, 25353), (114, 25470), (128, 25596),

Gene: SG4_11 Start: 7559, Stop: 8440, Start Num: 24

Candidate Starts for SG4_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Saal_11 Start: 7598, Stop: 8407, Start Num: 34

Candidate Starts for Saal_11:

(Start: 34 @7598 has 242 MA's), (35, 7610), (43, 7688), (48, 7724), (51, 7748), (52, 7754), (57, 7817), (73, 7931), (74, 7934), (75, 7937), (77, 7967), (79, 7988), (81, 7997), (92, 8051), (121, 8213), (132, 8306), (141, 8357), (142, 8363),

Gene: Sabbb_11 Start: 7614, Stop: 8423, Start Num: 34

Candidate Starts for Sabbb_11:

(Start: 27 @7557 has 2 MA's), (Start: 34 @7614 has 242 MA's), (35, 7626), (43, 7704), (48, 7740), (51, 7764), (52, 7770), (57, 7833), (73, 7947), (74, 7950), (75, 7953), (77, 7983), (79, 8004), (81, 8013), (90, 8061), (92, 8067), (96, 8094), (110, 8163), (121, 8229), (129, 8301), (132, 8322), (139, 8355), (141, 8373), (142, 8379),

Gene: Saints25_19 Start: 10509, Stop: 11483, Start Num: 11

Candidate Starts for Saints25_19:

(Start: 11 @10509 has 124 MA's), (Start: 13 @10518 has 1 MA's), (16, 10578), (37, 10731), (50, 10827), (56, 10902), (61, 10947), (66, 10989), (68, 11007), (100, 11178), (106, 11208), (111, 11232), (115, 11241), (126, 11340), (130, 11361), (139, 11412),

Gene: Sandalphon_11 Start: 7626, Stop: 8435, Start Num: 34

Candidate Starts for Sandalphon_11:

(Start: 34 @7626 has 242 MA's), (35, 7638), (43, 7716), (48, 7752), (51, 7776), (52, 7782), (57, 7845), (73, 7959), (74, 7962), (75, 7965), (77, 7995), (79, 8016), (81, 8025), (92, 8079), (96, 8106), (121, 8241), (132, 8334), (141, 8385), (142, 8391),

Gene: Sarma624_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for Sarma624_12:

(Start: 27 @7403 has 2 MA's), (Start: 34 @7460 has 242 MA's), (35, 7472), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (92, 7913), (121, 8075), (132, 8168), (141, 8219), (142, 8225),

Gene: Sassafras_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Sassafras_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (132, 8317), (139, 8350), (141, 8368), (142, 8374),

Gene: Sassay_18 Start: 10886, Stop: 11857, Start Num: 11

Candidate Starts for Sassay_18:

(Start: 11 @10886 has 124 MA's), (Start: 13 @10895 has 1 MA's), (16, 10955), (37, 11108), (50, 11204), (56, 11279), (61, 11324), (66, 11366), (68, 11384), (100, 11555), (106, 11585), (111, 11609), (115, 11618), (126, 11717), (130, 11738), (139, 11789),

Gene: SassyB_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for SassyB_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Sbash_12 Start: 8452, Stop: 9249, Start Num: 34

Candidate Starts for Sbash_12:

(20, 8362), (31, 8410), (Start: 34 @8452 has 242 MA's), (42, 8539), (43, 8548), (58, 8683), (59, 8689), (73, 8788), (96, 8935), (119, 9049), (132, 9157), (134, 9163),

Gene: Schatzie_29 Start: 17664, Stop: 18668, Start Num: 9

Candidate Starts for Schatzie_29:

(Start: 9 @17664 has 40 MA's), (16, 17790), (39, 17940), (41, 17970), (45, 17994), (63, 18165), (74, 18219), (79, 18273), (84, 18294), (87, 18309), (108, 18402), (109, 18405), (111, 18414), (120, 18471), (130, 18543), (136, 18576), (145, 18636),

Gene: Schnauzer_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Schnauzer_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: SchoolBus_47 Start: 23859, Stop: 24674, Start Num: 34

Candidate Starts for SchoolBus_47:

(Start: 34 @23859 has 242 MA's), (42, 23940), (57, 24081), (59, 24096), (73, 24195), (76, 24213), (85, 24276), (87, 24288), (89, 24303), (114, 24420), (128, 24546),

Gene: Schuy_48 Start: 23792, Stop: 24607, Start Num: 34

Candidate Starts for Schuy_48:

(Start: 34 @23792 has 242 MA's), (42, 23873), (57, 24014), (59, 24029), (73, 24128), (76, 24146), (85, 24209), (87, 24221), (89, 24236), (114, 24353), (128, 24479),

Gene: Scitech_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Scitech_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Scottish_11 Start: 7609, Stop: 8418, Start Num: 34

Candidate Starts for Scottish_11:

(Start: 23 @7537 has 9 MA's), (Start: 27 @7552 has 2 MA's), (Start: 34 @7609 has 242 MA's), (35, 7621), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (96, 8089), (121, 8224), (129, 8296), (130, 8299), (132, 8317), (141, 8368), (142, 8374),

Gene: Seabastian_11 Start: 7607, Stop: 8416, Start Num: 34

Candidate Starts for Seabastian_11:

(Start: 27 @7550 has 2 MA's), (Start: 34 @7607 has 242 MA's), (35, 7619), (43, 7697), (48, 7733), (51, 7757), (52, 7763), (57, 7826), (72, 7937), (73, 7940), (74, 7943), (75, 7946), (77, 7976), (79, 7997), (81, 8006), (90, 8054), (92, 8060), (95, 8084), (121, 8222), (129, 8294), (132, 8315), (141, 8366), (142, 8372),

Gene: Seagreen_12 Start: 7462, Stop: 8271, Start Num: 34

Candidate Starts for Seagreen_12:

(Start: 27 @7405 has 2 MA's), (Start: 34 @7462 has 242 MA's), (35, 7474), (43, 7552), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (72, 7792), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (92, 7915), (96, 7942), (121, 8077), (129, 8149), (132, 8170), (141, 8221), (142, 8227),

Gene: Shaboozey_23 Start: 14544, Stop: 15548, Start Num: 9

Candidate Starts for Shaboozey_23:

(Start: 9 @14544 has 40 MA's), (16, 14670), (39, 14820), (41, 14850), (45, 14874), (74, 15099), (79, 15153), (111, 15294), (120, 15351), (126, 15405),

Gene: ShamWow_19 Start: 11379, Stop: 12350, Start Num: 11

Candidate Starts for ShamWow_19:

(Start: 11 @11379 has 124 MA's), (Start: 13 @11388 has 1 MA's), (16, 11448), (37, 11601), (50, 11697), (56, 11772), (61, 11817), (66, 11859), (68, 11877), (100, 12048), (103, 12069), (108, 12090), (115, 12111), (120, 12156), (126, 12210), (131, 12243), (133, 12255), (139, 12282),

Gene: Shauna1_11 Start: 7632, Stop: 8441, Start Num: 34

Candidate Starts for Shauna1_11:

(Start: 34 @7632 has 242 MA's), (35, 7644), (42, 7713), (43, 7722), (48, 7758), (51, 7782), (52, 7788), (57, 7851), (72, 7962), (73, 7965), (74, 7968), (75, 7971), (77, 8001), (79, 8022), (81, 8031), (92, 8085), (129, 8319), (132, 8340), (141, 8391), (142, 8397),

Gene: ShereKhan_20 Start: 11828, Stop: 12802, Start Num: 11

Candidate Starts for ShereKhan_20:

(Start: 11 @11828 has 124 MA's), (Start: 13 @11837 has 1 MA's), (16, 11897), (37, 12050), (50, 12146), (56, 12221), (61, 12266), (66, 12308), (68, 12326), (100, 12497), (106, 12527), (111, 12551),

(115, 12560), (126, 12659), (130, 12680), (139, 12731),

Gene: ShiLan_11 Start: 7537, Stop: 8418, Start Num: 23

Candidate Starts for ShiLan_11:

(Start: 23 @7537 has 9 MA's), (26, 7552), (Start: 34 @7609 has 242 MA's), (35, 7621), (43, 7699), (48, 7735), (51, 7759), (52, 7765), (57, 7828), (73, 7942), (74, 7945), (75, 7948), (77, 7978), (79, 7999), (81, 8008), (90, 8056), (92, 8062), (95, 8086), (121, 8224), (129, 8296), (132, 8317), (139, 8350), (141, 8368), (142, 8374),

Gene: Shida_47 Start: 23699, Stop: 24514, Start Num: 34

Candidate Starts for Shida_47:

(Start: 34 @23699 has 242 MA's), (42, 23780), (57, 23921), (59, 23936), (73, 24035), (76, 24053), (85, 24116), (87, 24128), (89, 24143), (114, 24260), (128, 24386),

Gene: Shipwreck_13 Start: 8530, Stop: 9528, Start Num: 10

Candidate Starts for Shipwreck_13:

(2, 8329), (4, 8380), (7, 8491), (Start: 10 @8530 has 90 MA's), (Start: 13 @8554 has 1 MA's), (17, 8620), (19, 8638), (40, 8809), (45, 8845), (60, 8995), (67, 9049), (70, 9061), (80, 9130), (97, 9205), (101, 9226), (127, 9388), (143, 9481), (147, 9505),

Gene: ShowerHandel_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for ShowerHandel_11:

(Start: 23 @7538 has 9 MA's), (26, 7553), (Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (90, 8057), (92, 8063), (95, 8087), (121, 8225), (129, 8297), (132, 8318), (139, 8351), (141, 8369), (142, 8375),

Gene: ShrimpFriedEgg_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for ShrimpFriedEgg_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: ShroomBoi_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for ShroomBoi_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Shweta_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Shweta_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: SiSi_11 Start: 7618, Stop: 8427, Start Num: 34

Candidate Starts for SiSi_11:

(Start: 34 @7618 has 242 MA's), (35, 7630), (42, 7699), (43, 7708), (51, 7768), (52, 7774), (57, 7837), (69, 7936), (73, 7951), (74, 7954), (77, 7987), (79, 8008), (81, 8017), (92, 8071), (121, 8233), (129, 8305), (132, 8326), (141, 8377), (142, 8383),

Gene: Silvafighter_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Silvafighter_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Silvy_13 Start: 7878, Stop: 8936, Start Num: 10

Candidate Starts for Silvy_13:

(6, 7815), (Start: 10 @7878 has 90 MA's), (16, 7968), (25, 8034), (38, 8163), (50, 8256), (63, 8391), (71, 8448), (75, 8460), (91, 8571), (93, 8583), (94, 8589), (102, 8637), (116, 8700), (122, 8757), (129, 8808), (130, 8811), (144, 8901),

Gene: Simpliphy_19 Start: 10590, Stop: 11564, Start Num: 11

Candidate Starts for Simpliphy_19:

(Start: 11 @10590 has 124 MA's), (Start: 13 @10599 has 1 MA's), (16, 10659), (37, 10812), (50, 10908), (56, 10983), (61, 11028), (66, 11070), (68, 11088), (100, 11259), (106, 11289), (111, 11313), (115, 11322), (126, 11421), (130, 11442), (139, 11493),

Gene: SimranZ1_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for SimranZ1_12:

(Start: 34 @7460 has 242 MA's), (35, 7472), (43, 7550), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (72, 7790), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (92, 7913), (96, 7940), (121, 8075), (129, 8147), (132, 8168), (141, 8219), (142, 8225),

Gene: SirDuracell_18 Start: 10045, Stop: 11016, Start Num: 11

Candidate Starts for SirDuracell_18:

(Start: 11 @10045 has 124 MA's), (Start: 13 @10054 has 1 MA's), (16, 10114), (37, 10267), (50, 10363), (56, 10438), (61, 10483), (66, 10525), (68, 10543), (100, 10714), (106, 10744), (111, 10768), (115, 10777), (126, 10876), (130, 10897), (139, 10948),

Gene: SkinnyPete_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for SkinnyPete_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: Slim_13 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Slim_13:

(Start: 34 @7463 has 242 MA's), (35, 7475), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (72, 7793), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: Smooch_49 Start: 24987, Stop: 25802, Start Num: 34

Candidate Starts for Smooch_49:

(Start: 34 @24987 has 242 MA's), (42, 25068), (57, 25209), (59, 25224), (73, 25323), (76, 25341), (85, 25404), (87, 25416), (89, 25431), (114, 25548), (128, 25674),

Gene: Smurph_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Smurph_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Snekmaggedon_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for Snekmaggedon_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: Sonah_14 Start: 8820, Stop: 9818, Start Num: 10

Candidate Starts for Sonah_14:

(7, 8781), (Start: 10 @8820 has 90 MA's), (Start: 13 @8844 has 1 MA's), (17, 8910), (19, 8928), (29, 8964), (40, 9099), (45, 9135), (60, 9285), (67, 9339), (70, 9351), (80, 9420), (97, 9495), (101, 9516), (127, 9678), (143, 9771), (147, 9795),

Gene: SophKB_19 Start: 11378, Stop: 12349, Start Num: 11

Candidate Starts for SophKB_19:

(Start: 11 @11378 has 124 MA's), (Start: 13 @11387 has 1 MA's), (16, 11447), (37, 11600), (50, 11696), (56, 11771), (61, 11816), (66, 11858), (68, 11876), (100, 12047), (103, 12068), (108, 12089), (115, 12110), (120, 12155), (126, 12209), (131, 12242), (133, 12254), (139, 12281),

Gene: Sotrice96_19 Start: 11334, Stop: 12305, Start Num: 11

Candidate Starts for Sotrice96_19:

(Start: 11 @11334 has 124 MA's), (Start: 13 @11343 has 1 MA's), (16, 11403), (37, 11556), (50, 11652), (56, 11727), (61, 11772), (66, 11814), (68, 11832), (100, 12003), (106, 12033), (111, 12057), (115, 12066), (126, 12165), (130, 12186), (139, 12237),

Gene: Sparkdehlily_11 Start: 7624, Stop: 8433, Start Num: 34

Candidate Starts for Sparkdehlily_11:

(Start: 23 @7552 has 9 MA's), (Start: 27 @7567 has 2 MA's), (Start: 34 @7624 has 242 MA's), (35, 7636), (43, 7714), (48, 7750), (51, 7774), (52, 7780), (57, 7843), (73, 7957), (74, 7960), (75, 7963), (77, 7993), (79, 8014), (81, 8023), (92, 8077), (96, 8104), (121, 8239), (129, 8311), (132, 8332), (141, 8383), (142, 8389),

Gene: Spartacus_11 Start: 7617, Stop: 8426, Start Num: 34

Candidate Starts for Spartacus_11:

(Start: 34 @7617 has 242 MA's), (35, 7629), (42, 7698), (43, 7707), (48, 7743), (51, 7767), (52, 7773), (57, 7836), (72, 7947), (73, 7950), (74, 7953), (75, 7956), (77, 7986), (79, 8007), (81, 8016), (92, 8070), (129, 8304), (132, 8325), (141, 8376), (142, 8382),

Gene: Spikelee_12 Start: 7461, Stop: 8270, Start Num: 34

Candidate Starts for Spikelee_12:

(Start: 22 @7386 has 3 MA's), (Start: 23 @7389 has 9 MA's), (Start: 27 @7404 has 2 MA's), (Start: 34 @7461 has 242 MA's), (35, 7473), (43, 7551), (48, 7587), (51, 7611), (52, 7617), (57, 7680), (73, 7794), (74, 7797), (75, 7800), (77, 7830), (79, 7851), (81, 7860), (90, 7908), (92, 7914), (96, 7941), (121, 8076), (129, 8148), (132, 8169), (141, 8220), (142, 8226),

Gene: SpongeBob_13 Start: 7923, Stop: 8981, Start Num: 10

Candidate Starts for SpongeBob_13:

(6, 7860), (Start: 10 @7923 has 90 MA's), (25, 8079), (46, 8271), (50, 8301), (63, 8436), (71, 8493), (75, 8505), (93, 8628), (94, 8634), (100, 8664), (102, 8682), (106, 8697), (116, 8745), (118, 8757), (122, 8802), (130, 8856), (140, 8913), (144, 8946), (145, 8949),

Gene: Spoonbill_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for Spoonbill_11:

(Start: 27 @7553 has 2 MA's), (Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (92, 8063), (95, 8087), (96, 8090), (121, 8225), (129, 8297), (132, 8318), (139, 8351), (141, 8369), (142,

8375),

Gene: Squint_28 Start: 16260, Stop: 17264, Start Num: 9

Candidate Starts for Squint_28:

(Start: 9 @16260 has 40 MA's), (16, 16386), (39, 16536), (41, 16566), (45, 16590), (74, 16815), (79, 16869), (111, 17010), (120, 17067), (126, 17121),

Gene: Squirty_12 Start: 7454, Stop: 8263, Start Num: 34

Candidate Starts for Squirty_12:

(Start: 34 @7454 has 242 MA's), (35, 7466), (43, 7544), (48, 7580), (51, 7604), (52, 7610), (57, 7673), (73, 7787), (74, 7790), (75, 7793), (77, 7823), (79, 7844), (81, 7853), (92, 7907), (121, 8069), (129, 8141), (132, 8162), (138, 8192), (141, 8213), (142, 8219),

Gene: StAnnes_11 Start: 7632, Stop: 8441, Start Num: 34

Candidate Starts for StAnnes_11:

(Start: 34 @7632 has 242 MA's), (35, 7644), (42, 7713), (43, 7722), (51, 7782), (52, 7788), (57, 7851), (73, 7965), (74, 7968), (77, 8001), (79, 8022), (81, 8031), (92, 8085), (121, 8247), (129, 8319), (132, 8340), (141, 8391), (142, 8397),

Gene: Stank_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for Stank_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Stap_12 Start: 7461, Stop: 8270, Start Num: 34

Candidate Starts for Stap_12:

(18, 7353), (Start: 27 @7404 has 2 MA's), (Start: 34 @7461 has 242 MA's), (35, 7473), (48, 7587), (51, 7611), (52, 7617), (57, 7680), (73, 7794), (74, 7797), (75, 7800), (77, 7830), (79, 7851), (81, 7860), (92, 7914), (121, 8076), (129, 8148), (132, 8169), (141, 8220), (142, 8226),

Gene: Starcevich_12 Start: 7390, Stop: 8271, Start Num: 23

Candidate Starts for Starcevich_12:

(Start: 23 @7390 has 9 MA's), (Start: 27 @7405 has 2 MA's), (Start: 34 @7462 has 242 MA's), (35, 7474), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (92, 7915), (121, 8077), (129, 8149), (132, 8170), (141, 8221), (142, 8227),

Gene: Stark_19 Start: 10603, Stop: 11577, Start Num: 11

Candidate Starts for Stark_19:

(Start: 11 @10603 has 124 MA's), (Start: 13 @10612 has 1 MA's), (16, 10672), (37, 10825), (50, 10921), (56, 10996), (61, 11041), (66, 11083), (68, 11101), (100, 11272), (106, 11302), (111, 11326), (115, 11335), (126, 11434), (130, 11455), (139, 11506),

Gene: StellaBean_19 Start: 11378, Stop: 12349, Start Num: 11

Candidate Starts for StellaBean_19:

(Start: 11 @11378 has 124 MA's), (Start: 13 @11387 has 1 MA's), (16, 11447), (37, 11600), (50, 11696), (56, 11771), (61, 11816), (66, 11858), (68, 11876), (100, 12047), (103, 12068), (108, 12089), (115, 12110), (120, 12155), (126, 12209), (131, 12242), (133, 12254), (139, 12281),

Gene: StevieRay_14 Start: 8825, Stop: 9823, Start Num: 10

Candidate Starts for StevieRay_14:

(7, 8786), (Start: 10 @8825 has 90 MA's), (Start: 13 @8849 has 1 MA's), (17, 8915), (19, 8933), (29, 8969), (40, 9104), (45, 9140), (60, 9290), (67, 9344), (70, 9356), (80, 9425), (97, 9500), (101, 9521),

(127, 9683), (143, 9776), (147, 9800),

Gene: StolenFromERC_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for StolenFromERC_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: StormChicken_19 Start: 11553, Stop: 12524, Start Num: 11

Candidate Starts for StormChicken_19:

(Start: 11 @11553 has 124 MA's), (Start: 13 @11562 has 1 MA's), (16, 11622), (37, 11775), (50, 11871), (56, 11946), (61, 11991), (66, 12033), (68, 12051), (100, 12222), (106, 12252), (111, 12276), (115, 12285), (126, 12384), (130, 12405), (139, 12456),

Gene: StressBall_14 Start: 8837, Stop: 9835, Start Num: 10

Candidate Starts for StressBall_14:

(7, 8798), (Start: 10 @8837 has 90 MA's), (Start: 13 @8861 has 1 MA's), (17, 8927), (19, 8945), (29, 8981), (45, 9152), (60, 9302), (67, 9356), (70, 9368), (80, 9437), (83, 9452), (101, 9533), (127, 9695), (143, 9788), (147, 9812),

Gene: Strokeseat_11 Start: 7599, Stop: 8408, Start Num: 34

Candidate Starts for Strokeseat_11:

(Start: 27 @7542 has 2 MA's), (Start: 34 @7599 has 242 MA's), (35, 7611), (43, 7689), (48, 7725), (51, 7749), (52, 7755), (57, 7818), (72, 7929), (73, 7932), (74, 7935), (75, 7938), (77, 7968), (79, 7989), (81, 7998), (90, 8046), (92, 8052), (95, 8076), (96, 8079), (121, 8214), (129, 8286), (132, 8307), (139, 8340), (141, 8358), (142, 8364),

Gene: Stuck_12 Start: 8470, Stop: 9267, Start Num: 34

Candidate Starts for Stuck_12:

(20, 8380), (31, 8428), (Start: 34 @8470 has 242 MA's), (43, 8566), (58, 8701), (73, 8806), (96, 8953), (119, 9067), (132, 9175), (134, 9181),

Gene: SuperGrey_11 Start: 7599, Stop: 8408, Start Num: 34

Candidate Starts for SuperGrey_11:

(Start: 34 @7599 has 242 MA's), (35, 7611), (42, 7680), (48, 7725), (51, 7749), (52, 7755), (57, 7818), (73, 7932), (74, 7935), (77, 7968), (79, 7989), (81, 7998), (92, 8052), (96, 8079), (98, 8085), (121, 8214), (129, 8286), (132, 8307), (141, 8358), (142, 8364),

Gene: Superphikiman_29 Start: 16315, Stop: 17319, Start Num: 9

Candidate Starts for Superphikiman_29:

(Start: 9 @16315 has 40 MA's), (16, 16441), (39, 16591), (41, 16621), (45, 16645), (74, 16870), (79, 16924), (111, 17065), (120, 17122), (126, 17176),

Gene: SwagPiggett_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for SwagPiggett_11:

(Start: 23 @7538 has 9 MA's), (26, 7553), (Start: 34 @7610 has 242 MA's), (35, 7622), (43, 7700), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (90, 8057), (92, 8063), (95, 8087), (121, 8225), (129, 8297), (132, 8318), (139, 8351), (141, 8369), (142, 8375),

Gene: TBrady12_20 Start: 10832, Stop: 11806, Start Num: 11

Candidate Starts for TBrady12_20:

(Start: 11 @10832 has 124 MA's), (Start: 13 @10841 has 1 MA's), (16, 10901), (37, 11054), (50, 11150), (56, 11225), (61, 11270), (66, 11312), (68, 11330), (100, 11501), (106, 11531), (111, 11555), (115, 11564), (126, 11663), (130, 11684), (139, 11735),

Gene: TChen_12 Start: 8033, Stop: 8845, Start Num: 34

Candidate Starts for TChen_12:

(Start: 34 @8033 has 242 MA's), (43, 8123), (48, 8159), (68, 8348), (72, 8363), (73, 8366), (82, 8438), (96, 8513), (119, 8630), (121, 8648), (132, 8741), (137, 8768), (146, 8825),

Gene: TDanisky_11 Start: 7624, Stop: 8433, Start Num: 34

Candidate Starts for TDanisky_11:

(Start: 23 @7552 has 9 MA's), (Start: 27 @7567 has 2 MA's), (Start: 34 @7624 has 242 MA's), (35, 7636), (43, 7714), (48, 7750), (51, 7774), (52, 7780), (57, 7843), (73, 7957), (74, 7960), (75, 7963), (77, 7993), (79, 8014), (81, 8023), (92, 8077), (96, 8104), (121, 8239), (129, 8311), (132, 8332), (141, 8383), (142, 8389),

Gene: Taj_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Taj_11:

(Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Tapioca_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Tapioca_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Tarkin_20 Start: 11831, Stop: 12805, Start Num: 11

Candidate Starts for Tarkin_20:

(Start: 11 @11831 has 124 MA's), (Start: 13 @11840 has 1 MA's), (16, 11900), (37, 12053), (50, 12149), (56, 12224), (61, 12269), (66, 12311), (68, 12329), (100, 12500), (106, 12530), (111, 12554), (115, 12563), (126, 12662), (130, 12683), (139, 12734),

Gene: Tchotchke_12 Start: 7461, Stop: 8270, Start Num: 34

Candidate Starts for Tchotchke_12:

(Start: 23 @7389 has 9 MA's), (Start: 27 @7404 has 2 MA's), (Start: 34 @7461 has 242 MA's), (35, 7473), (43, 7551), (48, 7587), (51, 7611), (52, 7617), (57, 7680), (73, 7794), (74, 7797), (75, 7800), (77, 7830), (79, 7851), (81, 7860), (90, 7908), (92, 7914), (96, 7941), (121, 8076), (129, 8148), (130, 8151), (132, 8169), (141, 8220), (142, 8226),

Gene: TeardropMSU_18 Start: 11286, Stop: 12257, Start Num: 11

Candidate Starts for TeardropMSU_18:

(Start: 11 @11286 has 124 MA's), (Start: 13 @11295 has 1 MA's), (16, 11355), (37, 11508), (50, 11604), (56, 11679), (61, 11724), (66, 11766), (68, 11784), (100, 11955), (103, 11976), (108, 11997), (115, 12018), (120, 12063), (126, 12117), (131, 12150), (133, 12162), (139, 12189),

Gene: Teaspoon_18 Start: 10285, Stop: 11259, Start Num: 11

Candidate Starts for Teaspoon_18:

(Start: 11 @10285 has 124 MA's), (Start: 13 @10294 has 1 MA's), (16, 10354), (37, 10507), (50, 10603), (56, 10678), (61, 10723), (66, 10765), (68, 10783), (100, 10954), (106, 10984), (111, 11008), (115, 11017), (126, 11116), (130, 11137), (139, 11188),

Gene: Techage_14 Start: 8821, Stop: 9819, Start Num: 10

Candidate Starts for Techage_14:

(7, 8782), (Start: 10 @8821 has 90 MA's), (Start: 13 @8845 has 1 MA's), (17, 8911), (19, 8929), (29, 8965), (40, 9100), (45, 9136), (60, 9286), (67, 9340), (70, 9352), (80, 9421), (97, 9496), (101, 9517), (127, 9679), (143, 9772), (147, 9796),

Gene: TelAviv_44 Start: 23853, Stop: 24668, Start Num: 34

Candidate Starts for TelAviv_44:

(Start: 34 @23853 has 242 MA's), (42, 23934), (57, 24075), (59, 24090), (73, 24189), (76, 24207), (85, 24270), (87, 24282), (89, 24297), (114, 24414), (128, 24540),

Gene: Terminus_18 Start: 10932, Stop: 11906, Start Num: 11

Candidate Starts for Terminus_18:

(Start: 11 @10932 has 124 MA's), (Start: 13 @10941 has 1 MA's), (16, 11001), (37, 11154), (50, 11250), (56, 11325), (61, 11370), (66, 11412), (68, 11430), (100, 11601), (106, 11631), (111, 11655), (115, 11664), (126, 11763), (130, 11784), (139, 11835),

Gene: Thespis_14 Start: 8837, Stop: 9835, Start Num: 10

Candidate Starts for Thespis_14:

(7, 8798), (Start: 10 @8837 has 90 MA's), (Start: 13 @8861 has 1 MA's), (17, 8927), (19, 8945), (40, 9116), (45, 9152), (60, 9302), (67, 9356), (70, 9368), (80, 9437), (97, 9512), (101, 9533), (127, 9695), (143, 9788), (147, 9812),

Gene: ThetaBob_12 Start: 7916, Stop: 8728, Start Num: 34

Candidate Starts for ThetaBob_12:

(Start: 34 @7916 has 242 MA's), (43, 8006), (48, 8042), (68, 8231), (72, 8246), (73, 8249), (82, 8321), (96, 8396), (119, 8513), (121, 8531), (132, 8624), (137, 8651), (146, 8708),

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

Candidate Starts for Thibault_27:

(Start: 9 @17923 has 40 MA's), (16, 18049), (39, 18199), (41, 18229), (45, 18253), (63, 18424), (74, 18478), (79, 18532), (84, 18553), (87, 18568), (108, 18661), (109, 18664), (111, 18673), (120, 18730), (130, 18802), (136, 18835), (145, 18895),

Gene: Thimble_19 Start: 10335, Stop: 11306, Start Num: 11

Candidate Starts for Thimble_19:

(Start: 11 @10335 has 124 MA's), (Start: 13 @10344 has 1 MA's), (16, 10404), (37, 10557), (50, 10653), (56, 10728), (61, 10773), (66, 10815), (68, 10833), (100, 11004), (106, 11034), (111, 11058), (115, 11067), (126, 11166), (130, 11187), (139, 11238),

Gene: ThreeRngTarjay_30 Start: 18489, Stop: 19493, Start Num: 9

Candidate Starts for ThreeRngTarjay_30:

(Start: 9 @18489 has 40 MA's), (16, 18615), (39, 18765), (41, 18795), (45, 18819), (63, 18990), (74, 19044), (79, 19098), (84, 19119), (87, 19134), (108, 19227), (109, 19230), (111, 19239), (120, 19296), (130, 19368), (136, 19401), (145, 19461),

Gene: Thresher_19 Start: 11593, Stop: 12567, Start Num: 11

Candidate Starts for Thresher_19:

(Start: 11 @11593 has 124 MA's), (Start: 13 @11602 has 1 MA's), (16, 11662), (37, 11815), (50, 11911), (56, 11986), (61, 12031), (66, 12073), (68, 12091), (100, 12262), (106, 12292), (111, 12316), (115, 12325), (126, 12424), (130, 12445), (139, 12496),

Gene: ThulaThula_13 Start: 8507, Stop: 9505, Start Num: 10

Candidate Starts for ThulaThula_13:

(Start: 10 @8507 has 90 MA's), (Start: 13 @8531 has 1 MA's), (19, 8615), (29, 8651), (33, 8675), (36, 8738), (40, 8786), (44, 8819), (45, 8822), (60, 8972), (65, 9008), (67, 9026), (70, 9038), (83, 9122), (101, 9203), (112, 9248), (127, 9365), (143, 9458),

Gene: Tomaszewski_18 Start: 10979, Stop: 11950, Start Num: 11

Candidate Starts for Tomaszewski_18:

(Start: 11 @10979 has 124 MA's), (Start: 13 @10988 has 1 MA's), (16, 11048), (37, 11201), (50, 11297), (56, 11372), (61, 11417), (66, 11459), (68, 11477), (100, 11648), (106, 11678), (111, 11702), (115, 11711), (126, 11810), (130, 11831), (139, 11882),

Gene: TootsiePop_12 Start: 7464, Stop: 8273, Start Num: 34

Candidate Starts for TootsiePop_12:

(Start: 27 @7407 has 2 MA's), (Start: 34 @7464 has 242 MA's), (35, 7476), (43, 7554), (48, 7590), (51, 7614), (52, 7620), (57, 7683), (73, 7797), (74, 7800), (75, 7803), (77, 7833), (79, 7854), (81, 7863), (92, 7917), (96, 7944), (121, 8079), (129, 8151), (132, 8172), (141, 8223), (142, 8229),

Gene: Tootsieroll_12 Start: 7461, Stop: 8270, Start Num: 34

Candidate Starts for Tootsieroll_12:

(18, 7353), (Start: 27 @7404 has 2 MA's), (Start: 34 @7461 has 242 MA's), (35, 7473), (48, 7587), (51, 7611), (52, 7617), (57, 7680), (73, 7794), (74, 7797), (75, 7800), (77, 7830), (79, 7851), (81, 7860), (92, 7914), (121, 8076), (129, 8148), (132, 8169), (141, 8220), (142, 8226),

Gene: Toron_12 Start: 8033, Stop: 8845, Start Num: 34

Candidate Starts for Toron_12:

(Start: 34 @8033 has 242 MA's), (40, 8099), (43, 8123), (48, 8159), (68, 8348), (72, 8363), (73, 8366), (82, 8438), (95, 8510), (119, 8630), (121, 8648), (132, 8741), (146, 8825),

Gene: Tortellini_13 Start: 8525, Stop: 9523, Start Num: 10

Candidate Starts for Tortellini_13:

(3, 8330), (5, 8450), (7, 8486), (Start: 10 @8525 has 90 MA's), (Start: 13 @8549 has 1 MA's), (19, 8633), (29, 8669), (40, 8804), (45, 8840), (60, 8990), (67, 9044), (70, 9056), (80, 9125), (83, 9140), (101, 9221), (106, 9239), (112, 9266), (123, 9347), (124, 9350), (127, 9383), (130, 9398), (139, 9449), (143, 9476), (147, 9500),

Gene: Tortoise12_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Tortoise12_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Totinger_12 Start: 7463, Stop: 8272, Start Num: 34

Candidate Starts for Totinger_12:

(Start: 34 @7463 has 242 MA's), (35, 7475), (43, 7553), (48, 7589), (51, 7613), (52, 7619), (57, 7682), (72, 7793), (73, 7796), (74, 7799), (75, 7802), (77, 7832), (79, 7853), (81, 7862), (92, 7916), (121, 8078), (129, 8150), (132, 8171), (141, 8222), (142, 8228),

Gene: Toto_19 Start: 11379, Stop: 12350, Start Num: 11

Candidate Starts for Toto_19:

(Start: 11 @11379 has 124 MA's), (Start: 13 @11388 has 1 MA's), (16, 11448), (37, 11601), (50, 11697), (56, 11772), (61, 11817), (66, 11859), (68, 11877), (100, 12048), (103, 12069), (108, 12090), (115, 12111), (120, 12156), (126, 12210), (131, 12243), (133, 12255), (139, 12282),

Gene: Traaww1_17 Start: 11024, Stop: 11995, Start Num: 11

Candidate Starts for Traaww1_17:

(Start: 11 @11024 has 124 MA's), (Start: 13 @11033 has 1 MA's), (16, 11093), (37, 11246), (50, 11342), (56, 11417), (61, 11462), (66, 11504), (68, 11522), (100, 11693), (106, 11723), (111, 11747), (115, 11756), (126, 11855), (130, 11876), (139, 11927),

Gene: Tuco_19 Start: 11378, Stop: 12349, Start Num: 11

Candidate Starts for Tuco_19:

(Start: 11 @11378 has 124 MA's), (Start: 13 @11387 has 1 MA's), (16, 11447), (37, 11600), (50, 11696), (56, 11771), (61, 11816), (66, 11858), (68, 11876), (100, 12047), (103, 12068), (108, 12089), (115, 12110), (120, 12155), (126, 12209), (131, 12242), (133, 12254), (139, 12281),

Gene: Tweety_11 Start: 7633, Stop: 8442, Start Num: 34

Candidate Starts for Tweety_11:

(Start: 34 @7633 has 242 MA's), (35, 7645), (42, 7714), (43, 7723), (51, 7783), (52, 7789), (57, 7852), (73, 7966), (74, 7969), (75, 7972), (77, 8002), (79, 8023), (81, 8032), (92, 8086), (121, 8248), (129, 8320), (132, 8341), (141, 8392), (142, 8398),

Gene: Ukulele_18 Start: 10603, Stop: 11577, Start Num: 11

Candidate Starts for Ukulele_18:

(Start: 11 @10603 has 124 MA's), (Start: 13 @10612 has 1 MA's), (16, 10672), (37, 10825), (50, 10921), (56, 10996), (61, 11041), (66, 11083), (68, 11101), (100, 11272), (106, 11302), (111, 11326), (115, 11335), (126, 11434), (130, 11455), (139, 11506),

Gene: UncleRicky_12 Start: 7390, Stop: 8271, Start Num: 23

Candidate Starts for UncleRicky_12:

(Start: 23 @7390 has 9 MA's), (Start: 27 @7405 has 2 MA's), (Start: 34 @7462 has 242 MA's), (35, 7474), (42, 7543), (43, 7552), (48, 7588), (51, 7612), (52, 7618), (57, 7681), (72, 7792), (73, 7795), (74, 7798), (75, 7801), (77, 7831), (79, 7852), (81, 7861), (92, 7915), (129, 8149), (132, 8170), (141, 8221), (142, 8227),

Gene: VRedHorse_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for VRedHorse_11:

(Start: 34 @7611 has 242 MA's), (35, 7623), (43, 7701), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (90, 8058), (92, 8064), (96, 8091), (121, 8226), (129, 8298), (130, 8301), (132, 8319), (141, 8370), (142, 8376),

Gene: Vagabond_47 Start: 23686, Stop: 24501, Start Num: 34

Candidate Starts for Vagabond_47:

(Start: 34 @23686 has 242 MA's), (42, 23767), (57, 23908), (59, 23923), (73, 24022), (76, 24040), (85, 24103), (87, 24115), (89, 24130), (114, 24247), (128, 24373),

Gene: Velveteen_12 Start: 7460, Stop: 8269, Start Num: 34

Candidate Starts for Velveteen_12:

(Start: 27 @7403 has 2 MA's), (Start: 34 @7460 has 242 MA's), (35, 7472), (48, 7586), (51, 7610), (52, 7616), (57, 7679), (73, 7793), (74, 7796), (75, 7799), (77, 7829), (79, 7850), (81, 7859), (92, 7913), (121, 8075), (132, 8168), (141, 8219), (142, 8225),

Gene: Venti_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Venti_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Veteran_11 Start: 7625, Stop: 8434, Start Num: 34

Candidate Starts for Veteran_11:

(18, 7517), (Start: 27 @7568 has 2 MA's), (Start: 34 @7625 has 242 MA's), (35, 7637), (42, 7706), (48, 7751), (51, 7775), (52, 7781), (57, 7844), (73, 7958), (74, 7961), (75, 7964), (77, 7994), (79, 8015), (81, 8024), (92, 8078), (121, 8240), (129, 8312), (132, 8333), (141, 8384), (142, 8390),

Gene: Vidya_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Vidya_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Violac_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for Violac_11:

(Start: 27 @7554 has 2 MA's), (Start: 34 @7611 has 242 MA's), (35, 7623), (43, 7701), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (92, 8064), (96, 8091), (121, 8226), (129, 8298), (132, 8319), (139, 8352), (141, 8370), (142, 8376),

Gene: Vivum_11 Start: 7610, Stop: 8419, Start Num: 34

Candidate Starts for Vivum_11:

(Start: 34 @7610 has 242 MA's), (35, 7622), (48, 7736), (51, 7760), (52, 7766), (57, 7829), (73, 7943), (74, 7946), (75, 7949), (77, 7979), (79, 8000), (81, 8009), (92, 8063), (121, 8225), (129, 8297), (132, 8318), (141, 8369), (142, 8375),

Gene: Vorrps_46 Start: 23445, Stop: 24260, Start Num: 34

Candidate Starts for Vorrps_46:

(Start: 34 @23445 has 242 MA's), (42, 23526), (57, 23667), (59, 23682), (73, 23781), (76, 23799), (85, 23862), (87, 23874), (89, 23889), (114, 24006), (128, 24132),

Gene: Wachhund_11 Start: 7602, Stop: 8411, Start Num: 34

Candidate Starts for Wachhund_11:

(Start: 27 @7545 has 2 MA's), (Start: 34 @7602 has 242 MA's), (35, 7614), (43, 7692), (48, 7728), (51, 7752), (52, 7758), (57, 7821), (73, 7935), (74, 7938), (75, 7941), (77, 7971), (79, 7992), (81, 8001), (90, 8049), (92, 8055), (96, 8082), (121, 8217), (129, 8289), (132, 8310), (141, 8361), (142, 8367),

Gene: Wanda_32 Start: 17932, Stop: 18936, Start Num: 9

Candidate Starts for Wanda_32:

(Start: 9 @17932 has 40 MA's), (16, 18058), (39, 18208), (41, 18238), (45, 18262), (63, 18433), (74, 18487), (79, 18541), (84, 18562), (87, 18577), (108, 18670), (109, 18673), (111, 18682), (120, 18739), (130, 18811), (136, 18844), (145, 18904),

Gene: Wee_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Wee_11:

(Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (51, 7781), (52, 7787), (57, 7850), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Whatsapiecost_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for Whatsapiecost_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (69, 7949), (73, 7964), (74, 7967), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Whouxphf_11 Start: 7602, Stop: 8411, Start Num: 34

Candidate Starts for Whouxphf_11:

(Start: 27 @7545 has 2 MA's), (Start: 34 @7602 has 242 MA's), (35, 7614), (48, 7728), (51, 7752), (52, 7758), (57, 7821), (73, 7935), (74, 7938), (75, 7941), (77, 7971), (79, 7992), (81, 8001), (92, 8055), (95, 8079), (96, 8082), (121, 8217), (129, 8289), (132, 8310), (141, 8361), (142, 8367),

Gene: Wiggin_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for Wiggin_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Wildflower_47 Start: 23431, Stop: 24246, Start Num: 34

Candidate Starts for Wildflower_47:

(Start: 34 @23431 has 242 MA's), (42, 23512), (57, 23653), (59, 23668), (73, 23767), (76, 23785), (85, 23848), (87, 23860), (89, 23875), (114, 23992), (128, 24118),

Gene: WillSterrel_11 Start: 7617, Stop: 8426, Start Num: 34

Candidate Starts for WillSterrel_11:

(Start: 34 @7617 has 242 MA's), (35, 7629), (42, 7698), (43, 7707), (48, 7743), (51, 7767), (52, 7773), (57, 7836), (72, 7947), (73, 7950), (74, 7953), (75, 7956), (77, 7986), (79, 8007), (81, 8016), (92, 8070), (129, 8304), (132, 8325), (141, 8376), (142, 8382),

Gene: Willez_18 Start: 10886, Stop: 11857, Start Num: 11

Candidate Starts for Willez_18:

(Start: 11 @10886 has 124 MA's), (Start: 13 @10895 has 1 MA's), (16, 10955), (37, 11108), (50, 11204), (56, 11279), (61, 11324), (66, 11366), (68, 11384), (100, 11555), (106, 11585), (111, 11609), (115, 11618), (126, 11717), (130, 11738), (139, 11789),

Gene: Willsammy_14 Start: 8840, Stop: 9838, Start Num: 10

Candidate Starts for Willsammy_14:

(7, 8801), (Start: 10 @8840 has 90 MA's), (Start: 13 @8864 has 1 MA's), (17, 8930), (19, 8948), (40, 9119), (45, 9155), (60, 9305), (67, 9359), (70, 9371), (80, 9440), (97, 9515), (101, 9536), (127, 9698), (143, 9791), (147, 9815),

Gene: Winget_48 Start: 24125, Stop: 24940, Start Num: 34

Candidate Starts for Winget_48:

(Start: 34 @24125 has 242 MA's), (42, 24206), (57, 24347), (59, 24362), (73, 24461), (76, 24479), (85, 24542), (87, 24554), (89, 24569), (114, 24686), (128, 24812),

Gene: Wogge42_46 Start: 23764, Stop: 24579, Start Num: 34

Candidate Starts for Wogge42_46:

(Start: 34 @23764 has 242 MA's), (42, 23845), (57, 23986), (59, 24001), (64, 24046), (73, 24100), (76, 24118), (85, 24181), (87, 24193), (89, 24208), (114, 24325), (128, 24451),

Gene: XFactor_11 Start: 7631, Stop: 8440, Start Num: 34

Candidate Starts for XFactor_11:

(Start: 24 @7559 has 1 MA's), (Start: 34 @7631 has 242 MA's), (35, 7643), (42, 7712), (43, 7721), (48, 7757), (51, 7781), (52, 7787), (57, 7850), (72, 7961), (73, 7964), (74, 7967), (75, 7970), (77, 8000), (79, 8021), (81, 8030), (92, 8084), (121, 8246), (129, 8318), (132, 8339), (141, 8390), (142, 8396),

Gene: Xandras_20 Start: 10835, Stop: 11809, Start Num: 11

Candidate Starts for Xandras_20:

(Start: 11 @10835 has 124 MA's), (Start: 13 @10844 has 1 MA's), (16, 10904), (37, 11057), (50, 11153), (56, 11228), (61, 11273), (66, 11315), (68, 11333), (100, 11504), (106, 11534), (111, 11558), (115, 11567), (126, 11666), (130, 11687), (139, 11738),

Gene: Xavia_14 Start: 8838, Stop: 9836, Start Num: 10

Candidate Starts for Xavia_14:

(7, 8799), (Start: 10 @8838 has 90 MA's), (Start: 13 @8862 has 1 MA's), (17, 8928), (19, 8946), (29, 8982), (40, 9117), (45, 9153), (60, 9303), (67, 9357), (70, 9369), (80, 9438), (97, 9513), (101, 9534), (127, 9696), (143, 9789), (147, 9813),

Gene: Xeno_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Xeno_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Xerxes_13 Start: 7877, Stop: 8935, Start Num: 10

Candidate Starts for Xerxes_13:

(6, 7814), (Start: 10 @7877 has 90 MA's), (16, 7967), (25, 8033), (38, 8162), (50, 8255), (63, 8390), (71, 8447), (75, 8459), (91, 8570), (93, 8582), (94, 8588), (102, 8636), (116, 8699), (122, 8756), (129, 8807), (130, 8810), (144, 8900),

Gene: Xula_12 Start: 8498, Stop: 9298, Start Num: 34

Candidate Starts for Xula_12:

(Start: 30 @8447 has 1 MA's), (Start: 34 @8498 has 242 MA's), (43, 8594), (52, 8657), (59, 8735), (73, 8834), (77, 8870), (125, 9146), (132, 9206), (134, 9212),

Gene: YassJohnny_19 Start: 11378, Stop: 12349, Start Num: 11

Candidate Starts for YassJohnny_19:

(Start: 11 @11378 has 124 MA's), (Start: 13 @11387 has 1 MA's), (16, 11447), (37, 11600), (50, 11696), (56, 11771), (61, 11816), (66, 11858), (68, 11876), (100, 12047), (106, 12077), (111, 12101), (115, 12110), (126, 12209), (130, 12230), (139, 12281),

Gene: Yeet_29 Start: 17665, Stop: 18669, Start Num: 9

Candidate Starts for Yeet_29:

(Start: 9 @17665 has 40 MA's), (16, 17791), (39, 17941), (41, 17971), (45, 17995), (63, 18166), (74, 18220), (79, 18274), (84, 18295), (87, 18310), (108, 18403), (109, 18406), (111, 18415), (120, 18472), (130, 18544), (136, 18577), (145, 18637),

Gene: Yorick_11 Start: 7608, Stop: 8417, Start Num: 34

Candidate Starts for Yorick_11:

(Start: 23 @7536 has 9 MA's), (Start: 27 @7551 has 2 MA's), (Start: 34 @7608 has 242 MA's), (35, 7620), (43, 7698), (48, 7734), (51, 7758), (52, 7764), (57, 7827), (73, 7941), (74, 7944), (75, 7947), (77, 7977), (79, 7998), (81, 8007), (90, 8055), (92, 8061), (96, 8088), (121, 8223), (129, 8295), (132, 8316), (139, 8349), (141, 8367), (142, 8373),

Gene: Youngblood_18 Start: 11013, Stop: 11987, Start Num: 11

Candidate Starts for Youngblood_18:

(Start: 11 @11013 has 124 MA's), (Start: 13 @11022 has 1 MA's), (16, 11082), (37, 11235), (50, 11331), (56, 11406), (61, 11451), (66, 11493), (68, 11511), (100, 11682), (106, 11712), (111, 11736), (115, 11745), (126, 11844), (130, 11865), (139, 11916),

Gene: YungJamal_50 Start: 24164, Stop: 24979, Start Num: 34

Candidate Starts for YungJamal_50:

(Start: 34 @24164 has 242 MA's), (42, 24245), (57, 24386), (59, 24401), (73, 24500), (76, 24518), (85, 24581), (87, 24593), (89, 24608), (114, 24725), (128, 24851),

Gene: Zakhe101_47 Start: 23575, Stop: 24390, Start Num: 34

Candidate Starts for Zakhe101_47:

(Start: 34 @23575 has 242 MA's), (42, 23656), (57, 23797), (59, 23812), (73, 23911), (76, 23929), (85, 23992), (87, 24004), (89, 24019), (114, 24136), (128, 24262),

Gene: Zebo_46 Start: 23859, Stop: 24674, Start Num: 34

Candidate Starts for Zebo_46:

(Start: 34 @23859 has 242 MA's), (42, 23940), (57, 24081), (59, 24096), (73, 24195), (76, 24213), (85, 24276), (87, 24288), (89, 24303), (114, 24420), (128, 24546),

Gene: Zelink_32 Start: 18517, Stop: 19521, Start Num: 9

Candidate Starts for Zelink_32:

(Start: 9 @18517 has 40 MA's), (16, 18643), (39, 18793), (41, 18823), (45, 18847), (63, 19018), (74, 19072), (79, 19126), (84, 19147), (87, 19162), (108, 19255), (109, 19258), (111, 19267), (120, 19324), (130, 19396), (136, 19429), (145, 19489),

Gene: Zerg_11 Start: 7611, Stop: 8420, Start Num: 34

Candidate Starts for Zerg_11:

(Start: 34 @7611 has 242 MA's), (35, 7623), (43, 7701), (48, 7737), (51, 7761), (52, 7767), (57, 7830), (73, 7944), (74, 7947), (75, 7950), (77, 7980), (79, 8001), (81, 8010), (92, 8064), (96, 8091), (121, 8226), (132, 8319), (141, 8370), (142, 8376),

Gene: Zilizebeth_14 Start: 8834, Stop: 9832, Start Num: 10

Candidate Starts for Zilizebeth_14:

(7, 8795), (Start: 10 @8834 has 90 MA's), (Start: 13 @8858 has 1 MA's), (17, 8924), (19, 8942), (29, 8978), (40, 9113), (45, 9149), (60, 9299), (67, 9353), (70, 9365), (80, 9434), (97, 9509), (101, 9530), (127, 9692), (143, 9785), (147, 9809),

Gene: Zizzle_11 Start: 7612, Stop: 8421, Start Num: 34

Candidate Starts for Zizzle_11:

(Start: 23 @7540 has 9 MA's), (26, 7555), (Start: 34 @7612 has 242 MA's), (35, 7624), (43, 7702), (48, 7738), (51, 7762), (52, 7768), (57, 7831), (73, 7945), (74, 7948), (75, 7951), (77, 7981), (79, 8002), (81, 8011), (90, 8059), (92, 8065), (95, 8089), (121, 8227), (129, 8299), (132, 8320), (139, 8353), (141, 8371), (142, 8377),

Gene: xkcd_19 Start: 11038, Stop: 12009, Start Num: 11

Candidate Starts for xkcd_19:

(Start: 11 @11038 has 124 MA's), (Start: 13 @11047 has 1 MA's), (16, 11107), (37, 11260), (50, 11356), (56, 11431), (61, 11476), (66, 11518), (68, 11536), (100, 11707), (106, 11737), (111, 11761), (115, 11770), (126, 11869), (130, 11890), (139, 11941),