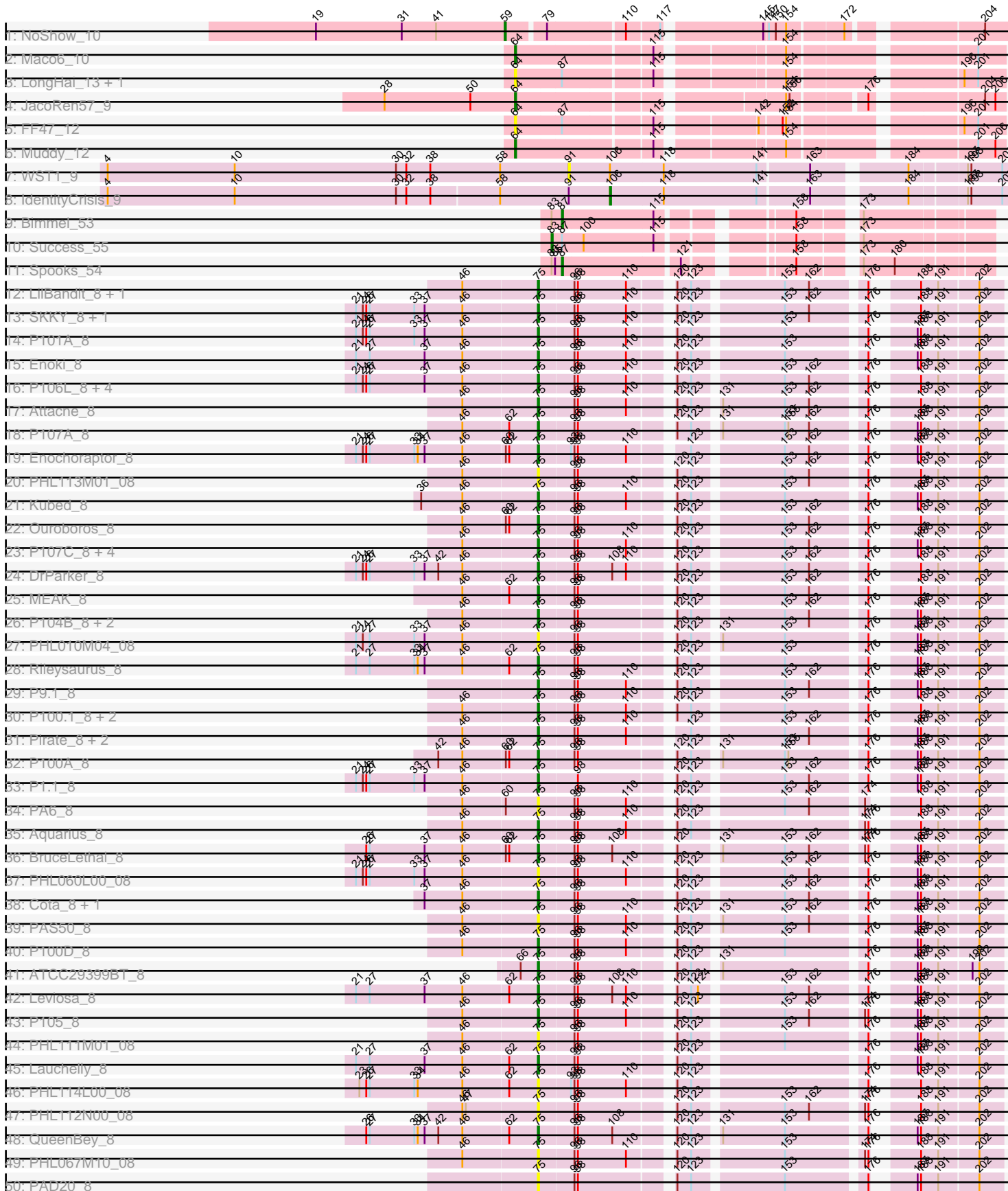
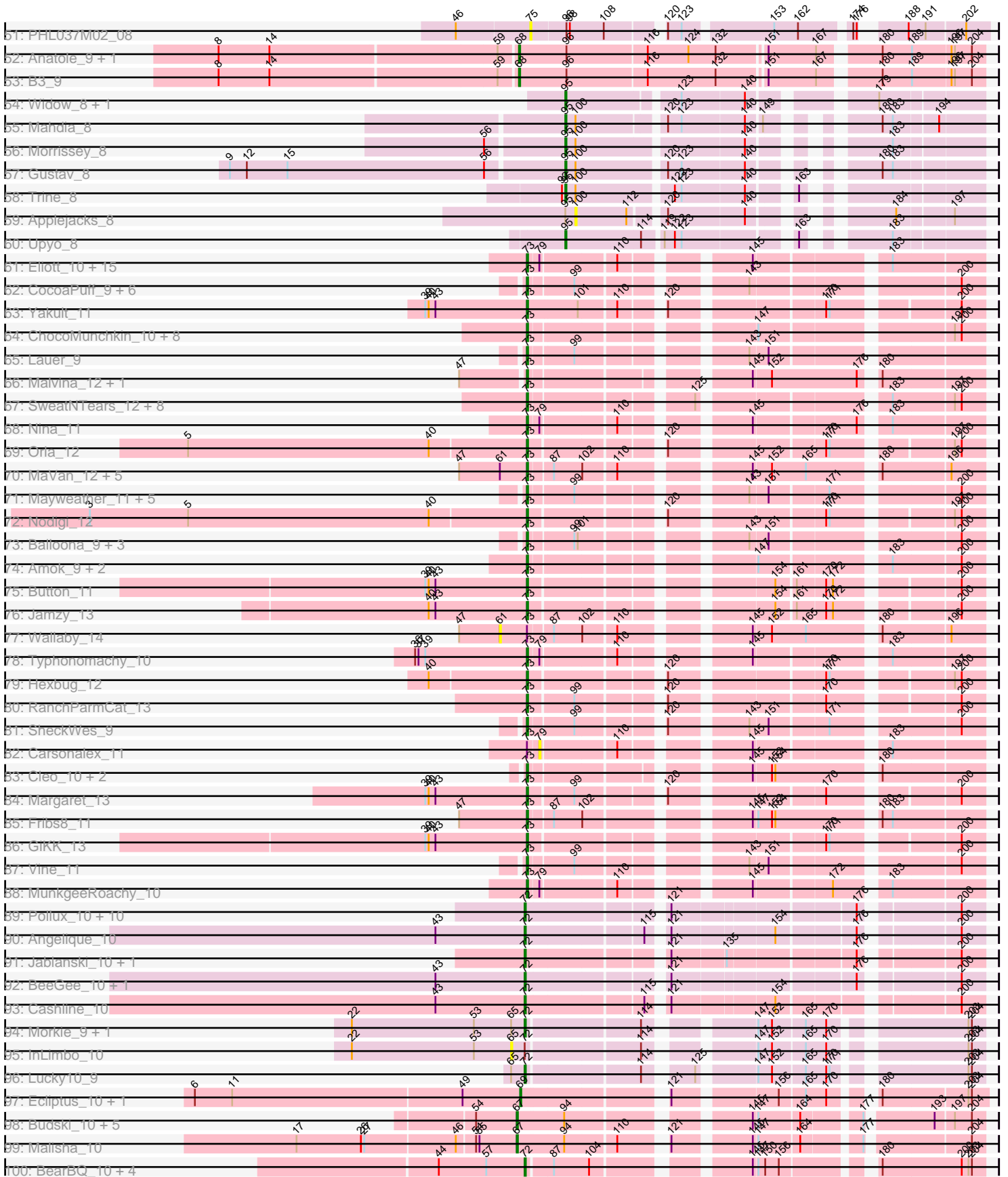


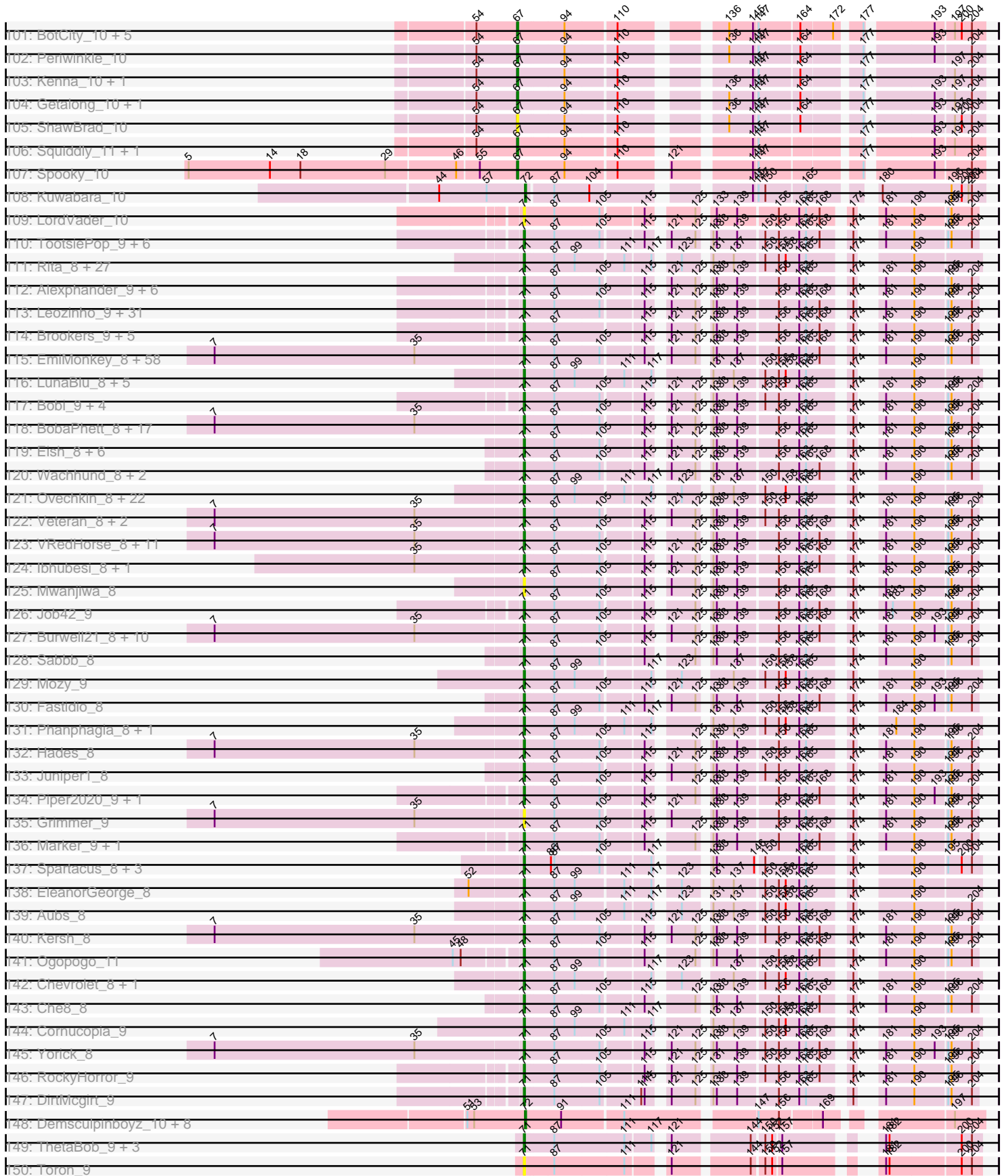
Pham 304591



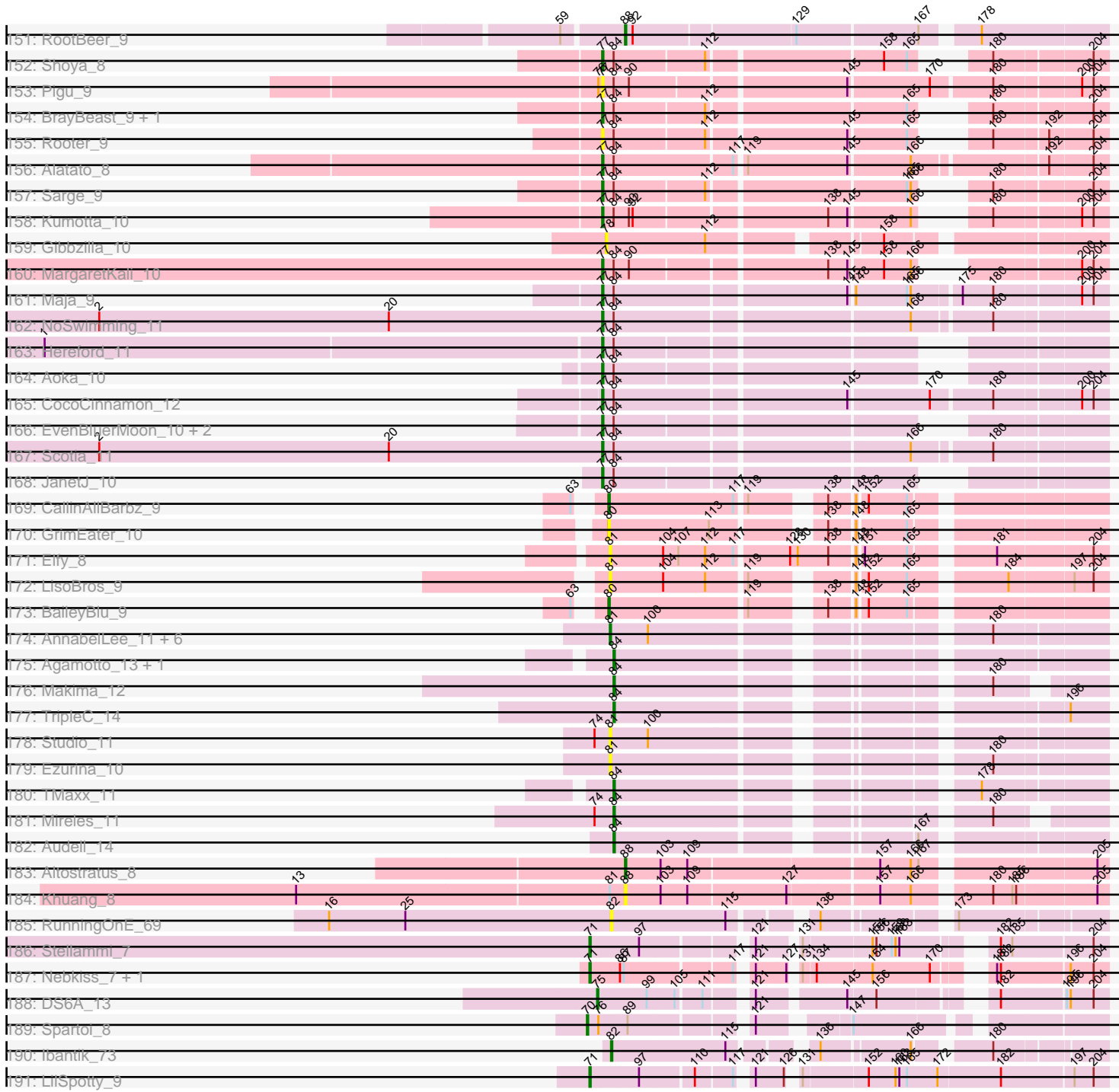
Pham 304591



Pham 304591



Pham 304591



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 304591 Report

This analysis was run 06/08/26 on database version 649.

Pham number 304591 has 539 members, 84 are drafts.

Phages represented in each track:

- Track 1 : NoShow_10
- Track 2 : Maco6_10
- Track 3 : LongHai_13, Salvus_13
- Track 4 : JacoRen57_9
- Track 5 : FF47_12
- Track 6 : Muddy_12
- Track 7 : WST1_9
- Track 8 : IdentityCrisis_9
- Track 9 : Bimmel_53
- Track 10 : Success_55
- Track 11 : Spooks_54
- Track 12 : LilBandit_8, P14.4_8
- Track 13 : SKKY_8, Moyashi_8
- Track 14 : P101A_8
- Track 15 : Enoki_8
- Track 16 : P106L_8, P106I_8, P106C_8, P106M_8, P106A_8
- Track 17 : Attacne_8
- Track 18 : P107A_8
- Track 19 : Enochoraptor_8
- Track 20 : PHL113M01_08
- Track 21 : Kubed_8
- Track 22 : Ouroboros_8
- Track 23 : P107C_8, Wizzo_8, ATCC29399BC_8, Supernova_8, Solid_8
- Track 24 : DrParker_8
- Track 25 : MEAK_8
- Track 26 : P104B_8, Stormborn_8, Procrass1_8
- Track 27 : PHL010M04_08
- Track 28 : Rileysaurus_8
- Track 29 : P9.1_8
- Track 30 : P100.1_8, MrAK_8, P104A_8
- Track 31 : Pirate_8, PHL071N05_08, P108C_8
- Track 32 : P100A_8
- Track 33 : P1.1_8
- Track 34 : PA6_8
- Track 35 : Aquarius_8
- Track 36 : BruceLethal_8
- Track 37 : PHL060L00_08

- Track 38 : Cota_8, Keiki_8
- Track 39 : PAS50_8
- Track 40 : P100D_8
- Track 41 : ATCC29399BT_8
- Track 42 : Leviosa_8
- Track 43 : P105_8
- Track 44 : PHL111M01_08
- Track 45 : Lauchelly_8
- Track 46 : PHL114L00_08
- Track 47 : PHL112N00_08
- Track 48 : QueenBey_8
- Track 49 : PHL067M10_08
- Track 50 : PAD20_8
- Track 51 : PHL037M02_08
- Track 52 : Anatole_9, E1_9
- Track 53 : B3_9
- Track 54 : Widow_8, Puppies_8
- Track 55 : Mahdia_8
- Track 56 : Morrissey_8
- Track 57 : Gustav_8
- Track 58 : Trine_8
- Track 59 : Applejacks_8
- Track 60 : Upyo_8
- Track 61 : Elliott_10, Bubble_10, RedBaron_12, Burnsey_10, Agatha_10, Cozz_10, PsychoKiller_10, ChickenTender_12, Axym_10, RADical_11, Quasar_10, Sopespian_10, Socotra_11, Starburst_11, RSchmailzl_11, GoldHunter_11
- Track 62 : CocoaPuff_9, Bavilard_10, Yucky_10, PotPie_10, KayGee_10, SummitAcademy_9, Elinal_11
- Track 63 : Yakult_11
- Track 64 : ChocoMunchkin_10, Tolls_12, GTE2_08, CanesSauce_10, SteamedHams_12, CaramelLatte_10, AndPeggy_9, BillDoor_12, Yarn_9
- Track 65 : Lauer_9
- Track 66 : Malvina_12, HippoPololi_12
- Track 67 : SweatNTears_12, MScarn_12, SketchMex_9, Horseradish_11, Blondies_11, Yummy_11, Biskit_11, Troje_10, Buttrmlkdreams_10
- Track 68 : Nina_11
- Track 69 : Orla_12
- Track 70 : MaVan_12, Wolfwood_12, Zareef_12, Azira_12, Nibbles_12, Survivors_12
- Track 71 : Mayweather_11, ElJefes_9, Pons_10, McDazzle_9, MAnor_10, CherryonLim_11
- Track 72 : Nodigi_12
- Track 73 : Balloona_9, Tarnish_10, Feastonyeet_9, BigChungus_9
- Track 74 : Amok_9, Emalyn_9, AikoCarson_9
- Track 75 : Button_11
- Track 76 : Jamzy_13
- Track 77 : Wallaby_14
- Track 78 : Typhonomachy_10
- Track 79 : Hexbug_12
- Track 80 : RanchParmCat_13
- Track 81 : SheckWes_9
- Track 82 : Carsonalex_11
- Track 83 : Cleo_10, Dre3_10, Gibbous_10

- Track 84 : Margaret_13
- Track 85 : Fribs8_11
- Track 86 : GiKK_13
- Track 87 : Vine_11
- Track 88 : MunkgeeRoachy_10
- Track 89 : Pollux_10, Floral_10, BritBrat_10, LonelyBoi_10, Lilas_10, Posh_10, EMSquaredA_10, Bradissa_10, EnalisNailo_10, Confidence_10, Marteenaa_10
- Track 90 : Angelique_10
- Track 91 : Jablanski_10, Pytheas_10
- Track 92 : BeeGee_10, Wrigley_10
- Track 93 : Cashline_10
- Track 94 : Morkie_9, PhorbesPhlower_9
- Track 95 : InLimbo_10
- Track 96 : Lucky10_9
- Track 97 : Ecliptus_10, ODay_10
- Track 98 : Budski_10, Phabuloso_10, CheeseTouch_10, Holliday_10, LitninMcQueen_10, Kamaru_10
- Track 99 : Malisha_10
- Track 100 : BearBQ_10, MortyNRick_10, Birdsong_10, Apricot_10, Crater_10
- Track 101 : BotCity_10, Horus_10, BÉNtherdunthat_10, Frickyeah_10, Leroy_10, Asapag_10
- Track 102 : Periwinkle_10
- Track 103 : Kenna_10, Lutum_10
- Track 104 : Getalong_10, Whitney_10
- Track 105 : ShawBrad_10
- Track 106 : Squiddly_11, Phistory_10
- Track 107 : Spooky_10
- Track 108 : Kuwabara_10
- Track 109 : LordVader_10
- Track 110 : TootsiePop_9, Aloeri_9, DocMcStuffins_9, Misha28_9, ChickenDinner_9, Mova_9, Tootsieroll_9
- Track 111 : Rita_8, Guppsters_8, IMpilo_8, Taj_8, SiSi_8, Clank_8, Jant_8, Kenuha5_8, SuperGrey_8, Bipolar_8, DotProduct_8, Ms6_8, Topiatin_10, MilanaBonita_9, SG4_8, DLane_8, QuickMath_8, Firehouse51_8, KristaRAM_9, MilleniumForce_9, DoRead_8, DillTech15_8, Wee_8, DeadP_8, Hamulus_8, Akhila_9, Emma_8, Ardmore_8
- Track 112 : Alexphander_9, UncleRicky_9, Drago_9, Enby_9, Lorde_9, Lucia_9, Oksu_9
- Track 113 : Leozinho_9, Spikelee_9, Plumbus_9, MulchExplorer_9, Slim_9, Hegedechwinu_9, Doomslug_10, Tchotchke_9, Beanstalk_9, Kimberlium_9, OwlsT2W_9, Squirty_9, Girafales_9, DosHalletts_9, Brushbloom_9, Juice456_9, SimranZ1_9, Frankie_9, Boomer_9, Emmaloid_9, Starcevich_9, Peridot_10, Beakin_9, DaWorst_9, Totinger_9, Flathead_9, Rialto_9, Ramsey_9, Madiba_9, Pollywog_9, LittleShirley_9, Quico_9
- Track 114 : Brookers_9, Kingsley_9, Cerasum_9, Sarma624_9, Velveteen_9, BigPhil_9
- Track 115 : EmiMonkey_8, Nimbo_8, Estave1_8, ByChance_8, Dorothy_8, OldBen_8, Doug_8, Vivum_8, Pacc40_8, Inventum_8, KingMidas_8, Polka14_8, Scottish_8, Cabrinians_8, PMC_8, Eradicator_8, Violac_8, Leperchaun_8, Dante_8, Sandalphon_8, Minnie_8, Empress_8, MadMen_8, Sassafras_8, PhlipPhlop_8, DaddyRickover_8, LilMoolah_8, RedBird_8, Phatniss_8, FreddyB_8, Koella_8, Gorge_8, Radiance_8, Jennelsea_8, Blexus_8, Saal_8, RitaG_8, NormanBulbieJr_8, BodEinwohner17_8, Daenerys_8, Gandalph_8, TDanisky_8, DRBy19_8, Pippy_8,

Deb65_8, Mahavrat_8, PHappiness_8, JoeyJr_8, Llij_8, Clifton_8, Sparkdehlily_8, Geralt_8, Doomphist_8, Brocalys_8, BlueCrab_8, IbOuu_8, Rockne_8, Poenanya_8, Priscilla_8

- Track 116 : LunaBlu_8, NewHope4_8, Polo2Bam_9, SeaLumen_8, Galactic_8, Enzomatic_9
- Track 117 : Bobi_9, Stap_9, BuzzLyseyear_9, Seagreen_9, JalFarm20_9
- Track 118 : BobaPhett_8, Ochi17_8, Seabastian_8, Okabe_10, MulchSalad_8, James_8, AlpineSix_8, Modragons_8, Hlubikazi_8, Mattes_8, Nichirin_8, Fancypants_8, Strokeseat_8, LastJedi_8, Llama_8, Mandlovu_8, OfUltron_8, Jinglebell_8
- Track 119 : Eish_8, Latretium_8, Girr_8, Phasih_8, Whouxphf_8, MisterCuddles_8, Ruby_8
- Track 120 : Wachhund_8, Byougenkin_8, Spoonbill_8
- Track 121 : Ovechkin_8, StAnnes_8, Phalconet_8, PopTart_8, XFactor_8, Corium_8, Melissauren88_8, Fruitloop_8, Royals2015_8, Medindi_8, Krakatau_9, PhesterPhotato_8, MinionDave_9, Batiatus_8, Chuckly_8, Whatsapiecost_8, Tweety_8, KingJulian_8, PatoPoderoso_8, ShroomBoi_8, SassyB_8, CaptainTrips_9, Filuzino_8
- Track 122 : Veteran_8, Karhdo_8, GUmbie_8
- Track 123 : VRedHorse_8, Florinda_8, GigiOuiOui_8, Zerg_8, Donkeykong_8, Mantra_8, Nitzel_9, Bubbles123_8, Cheesepuff_8, OlympiaSaint_8, Crumble_8, Moonbeam_8
- Track 124 : Ibhubesi_8, Harley_8
- Track 125 : Mwanjiwa_8
- Track 126 : Job42_9
- Track 127 : Burwell21_8, ShowerHandel_8, Nivrat_8, Lizziana_8, Zizzle_8, Maravista_8, Philus_8, SwagPiggett_8, ShiLan_8, Jarcob_8, Martik_8
- Track 128 : Sabbb_8
- Track 129 : Mozy_9
- Track 130 : Fastidio_8
- Track 131 : Phanphagia_8, Shauna1_8
- Track 132 : Hades_8
- Track 133 : Juniper1_8
- Track 134 : Piper2020_9, Awesomesauce_9
- Track 135 : Grimmer_9
- Track 136 : Marker_9, Coco12_9
- Track 137 : Spartacus_8, IrishSherpFalk_8, Mutaforma13_8, WillSterrel_8
- Track 138 : EleanorGeorge_8
- Track 139 : Aubs_8
- Track 140 : Kersh_8
- Track 141 : Ogopogo_11
- Track 142 : Chevrolet_8, ArcusAngelus_8
- Track 143 : Che8_8
- Track 144 : Cornucopia_9
- Track 145 : Yorick_8
- Track 146 : RockyHorror_9
- Track 147 : DirtMcgirt_9
- Track 148 : Demsculpinboyz_10, Avani_10, SilverChicken_10, Soul22_10, Che9d_10, Zapner_11, Blarby_11, Jabbawokkie_11, Yoshi_10
- Track 149 : ThetaBob_9, Renaud18_9, TChen_9, LunaStella_9
- Track 150 : Toron_9
- Track 151 : RootBeer_9
- Track 152 : Shoya_8

- Track 153 : Pigu_9
- Track 154 : BrayBeast_9, JeanClaude_9
- Track 155 : Rooter_9
- Track 156 : Alatato_8
- Track 157 : Sarge_9
- Track 158 : Kumotta_10
- Track 159 : Gibbzilla_10
- Track 160 : MargaretKali_10
- Track 161 : Maja_9
- Track 162 : NoSwimming_11
- Track 163 : Hereford_11
- Track 164 : Aoka_10
- Track 165 : CocoCinnamon_12
- Track 166 : EvenBluerMoon_10, PrairieDogTown_10, Morrey_15
- Track 167 : Scotia_11
- Track 168 : JanetJ_10
- Track 169 : CallinAllBarbz_9
- Track 170 : GrimEater_10
- Track 171 : Elfy_8
- Track 172 : LisoBros_9
- Track 173 : BaileyBlu_9
- Track 174 : AnnabelLee_11, Neuville_11, CardboardBox_11, ChamoyPickle_11, Roberts_11, Gerri43_11, ChipsNGuac_11
- Track 175 : Agamoto_13, LastNadiia_14
- Track 176 : Makima_12
- Track 177 : TripleC_14
- Track 178 : Studio_11
- Track 179 : Ezurina_10
- Track 180 : TMaxx_11
- Track 181 : Mireles_11
- Track 182 : Audell_14
- Track 183 : Altostratus_8
- Track 184 : Khuang_8
- Track 185 : RunningOnE_69
- Track 186 : Stellammi_7
- Track 187 : Nebkiss_7, Gaia_7
- Track 188 : DS6A_13
- Track 189 : Spartoi_8
- Track 190 : Ibantik_73
- Track 191 : LilSpotty_9

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

The start number called the most often in the published annotations is 71, it was called in 242 of the 455 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• Akhila_9, Alexphander_9, Aloeri_9, AlpineSix_8, ArcusAngelus_8, Ardmore_8, Aubs_8, Awesomesauce_9, Batiatus_8, Beakin_9, Beanstalk_9, BigPhil_9, Bipolar_8, Blexus_8, BlueCrab_8, BobaPhett_8, Bobi_9, BodEinwohner17_8, Boomer_9,

Brocalys_8, Brookers_9, Brushbloom_9, Bubbles123_8, Burwell21_8, BuzzLyseyear_9, ByChance_8, Byougenkin_8, Cabrinians_8, CaptainTrips_9, Cerasum_9, Che8_8, CheesePuff_8, Chevrolet_8, ChickenDinner_9, Chuckly_8, Clank_8, Clifton_8, Coco12_9, Corium_8, Cornucopia_9, Crumble_8, DLane_8, DRBy19_8, DaWorst_9, DaddyRickover_8, Daenerys_8, Dante_8, DeadP_8, Deb65_8, DillTech15_8, DirtMcGirt_9, DoRead_8, DocMcStuffins_9, Donkeykong_8, Doomphist_8, Doomslug_10, Dorothy_8, DosHalletts_9, DotProduct_8, Doug_8, Drago_9, Eish_8, EleanorGeorge_8, EmiMonkey_8, Emma_8, Emmaloid_9, Empress_8, Enby_9, Enzomatic_9, Eradicator_8, Estave1_8, FancyPants_8, Fastidio_8, Filuzino_8, Firehouse51_8, Flathead_9, Florinda_8, Frankie_9, FreddyB_8, Fruitloop_8, GUmbie_8, Gaia_7, Galactic_8, Gandolph_8, Geralt_8, GigiOuiOui_8, Girafales_9, Girr_8, Gorge_8, Grimmer_9, Guppsters_8, Hades_8, Hamulus_8, Harley_8, Hegedechwinu_9, Hlubikazi_8, IMpilo_8, IbOuu_8, Ibhubesi_8, Inventum_8, IrishSherpFalk_8, JalFarm20_9, James_8, Jant_8, Jarcob_8, Jennelsea_8, Jinglebell_8, Job42_9, JoeyJr_8, Juice456_9, Juniper1_8, Karhdo_8, Kenuha5_8, Kersh_8, Kimberlium_9, KingJulian_8, KingMidas_8, Kingsley_9, Koella_8, Krakatau_9, KristaRAM_9, LastJedi_8, Latretium_8, Leozinho_9, Leperchaun_8, LilMoolah_8, LilSpotty_9, LittleShirley_9, Lizziana_8, Llama_8, Llij_8, LordVader_10, Lorde_9, Lucia_9, LunaBlu_8, LunaStella_9, MadMen_8, Madiba_9, Mahavrat_8, Mandlovu_8, Mantra_8, Maravista_8, Marker_9, Martik_8, Mattes_8, Medindi_8, Melissauren88_8, MilanaBonita_9, MilleniumForce_9, MinionDave_9, Minnie_8, Misha28_9, MisterCuddles_8, Modragons_8, Moonbeam_8, Mova_9, Mozy_9, Ms6_8, MulchExplorer_9, MulchSalad_8, Mutaforma13_8, Mwanjiwa_8, Nebkiss_7, NewHope4_8, Nichirin_8, Nimbo_8, Nitzel_9, Nivrat_8, NormanBulbieJr_8, Ochi17_8, OfUltron_8, Ogopogo_11, Okabe_10, Oksu_9, OldBen_8, OlympiaSaint_8, Ovechkin_8, OwlsT2W_9, PHappiness_8, PMC_8, Pacc40_8, PatoPoderoso_8, Peridot_10, Phalconet_8, Phanphagia_8, Phasih_8, Phatniss_8, PhesterPotato_8, Philus_8, PhilipPhlop_8, Piper2020_9, Pippy_8, Plumbus_9, Poenanya_8, Polka14_8, Pollywog_9, Polo2Bam_9, PopTart_8, Priscilla_8, QuickMath_8, Quico_9, Radiance_8, Ramsey_9, RedBird_8, Renaud18_9, Rialto_9, RitaG_8, Rita_8, Rockne_8, RockyHorror_9, Royals2015_8, Ruby_8, SG4_8, Saal_8, Sabbb_8, Sandalphon_8, Sarma624_9, Sassafras_8, SassyB_8, Scottish_8, SeaLumen_8, Seabastian_8, Seagreen_9, Shauna1_8, ShiLan_8, ShowerHandel_8, ShroomBoi_8, SiSi_8, SimranZ1_9, Slim_9, Sparkdehlily_8, Spartacus_8, Spikelee_9, Spoonbill_8, Squirty_9, StAnnes_8, Stap_9, Starceвич_9, Stellammi_7, Strokeseat_8, SuperGrey_8, SwagPigglett_8, TChen_9, TDanisky_8, Taj_8, Tchotchke_9, ThetaBob_9, TootsiePop_9, Tootsieroll_9, Topiatin_10, Toron_9, Totinger_9, Tweety_8, UncleRicky_9, VRedHorse_8, Velveteen_9, Veteran_8, Violac_8, Vivum_8, Wachhund_8, Wee_8, Whatsapiecost_8, Whouxphf_8, WillSterrel_8, XFactor_8, Yorick_8, Zerg_8, Zizzle_8,

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

-

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

- ATCC29399BC_8, ATCC29399BT_8, Agamoto_13, Agatha_10, AikoCarson_9, Alata_8, Altostratus_8, Amok_9, Anatole_9, AndPeggy_9, Angelique_10, AnnabelLee_11, Aoka_10, Applejacks_8, Apricot_10, Aquarius_8, Asapag_10, Attacne_8, Audell_14, Avani_10, Axym_10, Azira_12, B3_9, BENtherdunthat_10, BaileyBlu_9, Balloona_9, Bavidard_10, BearBQ_10, BeeGee_10, BigChungus_9, BillDoor_12, Bimmel_53, Birdsong_10, Biskit_11, Blarby_11, Blondies_11, BotCity_10, Bradissa_10, BrayBeast_9, BritBrat_10, BruceLethal_8, Bubble_10,

Budski_10, Burnsey_10, Button_11, Buttrmlkdreams_10, CallinAllBarbz_9, CanesSauce_10, CaramellLatte_10, CardboardBox_11, Carsonalex_11, Cashline_10, ChamoyPickle_11, Che9d_10, CheeseTouch_10, CherryonLim_11, ChickenTender_12, ChipsNGuac_11, ChocoMunchkin_10, Cleo_10, CocoCinnamon_12, CocoaPuff_9, Confidence_10, Cota_8, Cozz_10, Crater_10, DS6A_13, Demsculpinboyz_10, DrParker_8, Dre3_10, E1_9, EMSquaredA_10, Ecliptus_10, ElJefes_9, Elfy_8, Elinal_11, Elliott_10, Emalyn_9, EnalisNailo_10, Enochoraptor_8, Enoki_8, EvenBluerMoon_10, Ezurina_10, FF47_12, Feastonyeet_9, Floral_10, Fribs8_11, Frickyeah_10, GTE2_08, Gerri43_11, Getalong_10, GiKK_13, Gibbous_10, Gibbzilla_10, GoldHunter_11, GrimEater_10, Gustav_8, Hereford_11, Hexbug_12, HippoPololi_12, Holliday_10, Horseradish_11, Horus_10, Ibantik_73, IdentityCrisis_9, InLimbo_10, Jabbawokkie_11, Jablanski_10, JacoRen57_9, Jamzy_13, JanetJ_10, JeanClaude_9, Kamaru_10, KayGee_10, Keiki_8, Kenna_10, Khuang_8, Kubed_8, Kumotta_10, Kuwabara_10, LastNadiia_14, Lauchelly_8, Lauer_9, Leroy_10, Leviosa_8, LilBandit_8, Lilas_10, LisoBros_9, LitninMcQueen_10, LonelyBoi_10, LongHai_13, Lucky10_9, Lutum_10, MAnor_10, MEAK_8, MScarn_12, MaVan_12, Maco6_10, Mahdia_8, Maja_9, Makima_12, Malisha_10, Malvina_12, MargaretKali_10, Margaret_13, Marteena_10, Mayweather_11, McDazzle_9, Mireles_11, Morkie_9, Morrey_15, Morrissey_8, MortyNRick_10, Moyashi_8, MrAK_8, Muddy_12, MunkgeeRoachy_10, Neuvillelette_11, Nibbles_12, Nina_11, NoShow_10, NoSwimming_11, Nodigi_12, ODay_10, Orla_12, Ouroboros_8, P1.1_8, P100.1_8, P100A_8, P100D_8, P101A_8, P104A_8, P104B_8, P105_8, P106A_8, P106C_8, P106I_8, P106L_8, P106M_8, P107A_8, P107C_8, P108C_8, P14.4_8, P9.1_8, PA6_8, PAD20_8, PAS50_8, PHL010M04_08, PHL037M02_08, PHL060L00_08, PHL067M10_08, PHL071N05_08, PHL111M01_08, PHL112N00_08, PHL113M01_08, PHL114L00_08, Periwinkle_10, Phabuloso_10, Phistory_10, PhorbesPhlower_9, Pigu_9, Pirate_8, Pollux_10, Pons_10, Posh_10, PotPie_10, PrairieDogTown_10, Procrass1_8, PsychoKiller_10, Puppies_8, Pytheas_10, Quasar_10, QueenBey_8, RADical_11, RSchmailzl_11, RanchParmCat_13, RedBaron_12, Rileysaurus_8, Roberts_11, RootBeer_9, Rooter_9, RunningOnE_69, SKKY_8, Salvus_13, Sarge_9, Scotia_11, ShawBrad_10, SheckWes_9, Shoya_8, SilverChicken_10, SketchMex_9, Socotra_11, Solid_8, Sopespian_10, Soul22_10, Spartoi_8, Spooks_54, Spooky_10, Squiddly_11, Starburst_11, SteamedHams_12, Stormborn_8, Studio_11, Success_55, SummitAcademy_9, Supernova_8, Survivors_12, SweatNTears_12, TMaxx_11, Tarnish_10, Tolls_12, Trine_8, TripleC_14, Troje_10, Typhonmarchy_10, Upyo_8, Vine_11, WST1_9, Wallaby_14, Whitney_10, Widow_8, Wizzo_8, Wolfwood_12, Wrigley_10, Yakult_11, Yarn_9, Yoshi_10, Yucky_10, Yummy_11, Zapner_11, Zareef_12,

Summary by start number:

Start 59:

- Found in 5 of 539 (0.9%) of genes in pham
- Manual Annotations of this start: 1 of 455
- Called 20.0% of time when present
- Phage (with cluster) where this start called: NoShow_10 (AB),

Start 61:

- Found in 7 of 539 (1.3%) of genes in pham
- No Manual Annotations of this start.
- Called 14.3% of time when present
- Phage (with cluster) where this start called: Wallaby_14 (CT),

Start 64:

- Found in 6 of 539 (1.1%) of genes in pham
- Manual Annotations of this start: 3 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: FF47_12 (AB), JacoRen57_9 (AB), LongHai_13 (AB), Maco6_10 (AB), Muddy_12 (AB), Salvus_13 (AB),

Start 65:

- Found in 4 of 539 (0.7%) of genes in pham
- No Manual Annotations of this start.
- Called 25.0% of time when present
- Phage (with cluster) where this start called: InLimbo_10 (DH),

Start 67:

- Found in 22 of 539 (4.1%) of genes in pham
- Manual Annotations of this start: 20 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Asapag_10 (DN1), BENtherdunthat_10 (DN1), BotCity_10 (DN), Budski_10 (DN), CheeseTouch_10 (DN1), Frickyeah_10 (DN1), Getalong_10 (DN1), Holliday_10 (DN1), Horus_10 (DN1), Kamaru_10 (DN1), Kenna_10 (DN1), Leroy_10 (DN1), LitninMcQueen_10 (DN1), Lutum_10 (DN1), Malisha_10 (DN), Periwinkle_10 (DN1), Phabuloso_10 (DN1), Phistory_10 (DN1), ShawBrad_10 (DN1), Spooky_10 (DN2), Squiddly_11 (DN2), Whitney_10 (DN1),

Start 68:

- Found in 3 of 539 (0.6%) of genes in pham
- Manual Annotations of this start: 3 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Anatole_9 (BV), B3_9 (BV), E1_9 (BV),

Start 69:

- Found in 2 of 539 (0.4%) of genes in pham
- Manual Annotations of this start: 2 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ecliptus_10 (DN), ODay_10 (DN),

Start 70:

- Found in 1 of 539 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Spartoi_8 (singleton),

Start 71:

- Found in 268 of 539 (49.7%) of genes in pham
- Manual Annotations of this start: 242 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Akhila_9 (F1), Alexphander_9 (F1), Aloeri_9 (F1), AlpineSix_8 (F1), ArcusAngelus_8 (F1), Ardmore_8 (F1), Aubs_8 (F1), Awesomesauce_9 (F1), Batiatus_8 (F1), Beakin_9 (F1), Beanstalk_9 (F1), BigPhil_9 (F1), Bipolar_8 (F1), Blexus_8 (F1), BlueCrab_8 (F1), BobaPhett_8 (F1), Bobi_9 (F1), BodEinwohner17_8 (F1), Boomer_9 (F1), Brocalys_8 (F1), Brookers_9 (F1), Brushbloom_9 (F1), Bubbles123_8 (F1), Burwell21_8 (F1), BuzzLyseyear_9 (F1),

ByChance_8 (F1), Byougenkin_8 (F1), Cabrinians_8 (F1), CaptainTrips_9 (F1), Cerasum_9 (F1), Che8_8 (F1), Cheese puff_8 (F1), Chevrolet_8 (F1), ChickenDinner_9 (F1), Chuckly_8 (F1), Clank_8 (F), Clifton_8 (F1), Coco12_9 (F1), Corium_8 (F1), Cornucopia_9 (F1), Crumble_8 (F1), DLane_8 (F1), DRBy19_8 (F1), DaWorst_9 (F1), DaddyRickover_8 (F1), Daenerys_8 (F1), Dante_8 (F1), DeadP_8 (F1), Deb65_8 (F1), DillTech15_8 (F1), DirtMcgirt_9 (F1), DoRead_8 (F1), DocMcStuffins_9 (F1), Donkeykong_8 (F1), Doomphist_8 (F1), Doomslug_10 (F), Dorothy_8 (F1), DosHalletts_9 (F1), DotProduct_8 (F1), Doug_8 (F1), Drago_9 (F1), Eish_8 (F1), EleanorGeorge_8 (F1), EmiMonkey_8 (F1), Emma_8 (F1), Emmaloid_9 (F1), Empress_8 (F1), Enby_9 (F1), Enzomatic_9 (F1), Eradicator_8 (F1), Estave1_8 (F1), Fancy pants_8 (F1), Fastidio_8 (F1), Filuzino_8 (F1), Firehouse51_8 (F1), Flathead_9 (F1), Florinda_8 (F1), Frankie_9 (F1), FreddyB_8 (F1), Fruitloop_8 (F1), GUmbie_8 (F1), Gaia_7 (X), Galactic_8 (F1), Gandolph_8 (F1), Geralt_8 (F1), GigiOuiOui_8 (F1), Girafales_9 (F1), Girr_8 (F1), Gorge_8 (F1), Grimmer_9 (F1), Guppsters_8 (F1), Hades_8 (F1), Hamulus_8 (F1), Harley_8 (F1), Hegedechwinu_9 (F1), Hlubikazi_8 (F1), IMpilo_8 (F1), IbOuu_8 (F1), Ibhubesi_8 (F1), Inventum_8 (F1), IrishSherpFalk_8 (F1), JalFarm20_9 (F1), James_8 (F1), Jant_8 (F1), Jarcob_8 (F1), Jennelsea_8 (F1), Jinglebell_8 (F1), Job42_9 (F1), JoeyJr_8 (F1), Juice456_9 (F1), Juniper1_8 (F1), Karhdo_8 (F1), Kenuha5_8 (F1), Kersh_8 (F1), Kimberlium_9 (F1), KingJulian_8 (F1), KingMidas_8 (F1), Kingsley_9 (F1), Koella_8 (F1), Krakatau_9 (F1), KristaRAM_9 (F1), LastJedi_8 (F1), Latretium_8 (F1), Leozinho_9 (F1), Leperchaun_8 (F1), LilMoolah_8 (F1), LilSpotty_9 (singleton), LittleShirley_9 (F1), Lizziana_8 (F1), Llama_8 (F1), Llij_8 (F1), LordVader_10 (F), Lorde_9 (F1), Lucia_9 (F1), LunaBlu_8 (F1), LunaStella_9 (F4), MadMen_8 (F1), Madiba_9 (F1), Mahavrat_8 (F1), Mandlovu_8 (F1), Mantra_8 (F1), Maravista_8 (F1), Marker_9 (F1), Martik_8 (F1), Mattes_8 (F1), Medindi_8 (F1), Melissauren88_8 (F1), MilanaBonita_9 (F1), MilleniumForce_9 (F1), MinionDave_9 (F1), Minnie_8 (F1), Misha28_9 (F1), MisterCuddles_8 (F1), Modragons_8 (F1), Moonbeam_8 (F1), Mova_9 (F1), Mozy_9 (F1), Ms6_8 (F1), MulchExplorer_9 (F1), MulchSalad_8 (F7), Mutaforma13_8 (F1), Mwanjiwa_8 (F1), Nebkiss_7 (X), NewHope4_8 (F1), Nichirin_8 (F1), Nimbo_8 (F1), Nitzel_9 (F1), Nivrat_8 (F1), NormanBulbieJr_8 (F1), Ochi17_8 (F1), OfUltron_8 (F1), OgoPogo_11 (F1), Okabe_10 (F8), Oksu_9 (F1), OldBen_8 (F1), OlympiaSaint_8 (F1), Ovechkin_8 (F1), OwlsT2W_9 (F1), PHappiness_8 (F1), PMC_8 (F1), Pacc40_8 (F1), PatoPoderoso_8 (F1), Peridot_10 (F1), Phalconet_8 (F1), Phanphagia_8 (F1), Phasih_8 (F1), Phatniss_8 (F1), PhesterPhotato_8 (F1), Philus_8 (F1), PhilipPhlop_8 (F1), Piper2020_9 (F1), Pippy_8 (F1), Plumbus_9 (F1), Poenanya_8 (F1), Polka14_8 (F1), Pollywog_9 (F1), Polo2Bam_9 (F1), PopTart_8 (F1), Priscilla_8 (F1), QuickMath_8 (F1), Quico_9 (F1), Radiance_8 (F1), Ramsey_9 (F1), RedBird_8 (F1), Renaud18_9 (F4), Rialto_9 (F1), RitaG_8 (F1), Rita_8 (F1), Rockne_8 (F1), RockyHorror_9 (F1), Royals2015_8 (F1), Ruby_8 (F1), SG4_8 (F1), Saal_8 (F1), Sabb_8 (F1), Sandalphon_8 (F1), Sarma624_9 (F1), Sassafras_8 (F1), SassyB_8 (F1), Scottish_8 (F1), SeaLumen_8 (F1), Seabastian_8 (F1), Seagreen_9 (F1), Shauna1_8 (F1), ShiLan_8 (F1), ShowerHandel_8 (F1), ShroomBoi_8 (F1), SiSi_8 (F1), SimranZ1_9 (F1), Slim_9 (F1), Sparkdehlily_8 (F1), Spartacus_8 (F1), Spikelee_9 (F1), Spoonbill_8 (F1), Squirty_9 (F3), StAnnes_8 (F1), Stap_9 (F1), Starcevich_9 (F1), Stellammi_7 (UNK), Strokeseat_8 (F1), SuperGrey_8 (F1), SwagPiggett_8 (F1), TChen_9 (F4), TDanisky_8 (F1), Taj_8 (F1), Tchotchke_9 (F1), ThetaBob_9 (F4), TootsiePop_9 (F1), Tootsieroll_9 (F1), Topiatin_10 (F1), Toron_9 (F6), Totinger_9 (F1), Tweety_8 (F1), UncleRicky_9 (F1), VRedHorse_8 (F1), Velveteen_9 (F1), Veteran_8 (F1), Violac_8 (F1), Vivum_8 (F1), Wachhund_8 (F1), Wee_8 (F1), Whatsapiecost_8 (F1), Whouxphf_8 (F1), WillSterrel_8 (F1), XFactor_8 (F1), Yorick_8 (F1), Zerg_8 (F1), Zizzle_8 (F1),

Start 72:

- Found in 36 of 539 (6.7%) of genes in pham
- Manual Annotations of this start: 33 of 455
- Called 97.2% of time when present
- Phage (with cluster) where this start called: Angelique_10 (CY1), Apricot_10 (DN3), Avani_10 (F2), BearBQ_10 (DN), BeeGee_10 (CY5), Birdsong_10 (DN), Blarby_11 (F), Bradissa_10 (CY1), BritBrat_10 (CY2), Cashline_10 (CY6), Che9d_10 (F2), Confidence_10 (CY1), Crater_10 (DN3), Demsculpinboyz_10 (F2), EMSquaredA_10 (CY1), EnalisNailo_10 (CY1), Floral_10 (CY1), Jabbawokkie_11 (F2), Jablanski_10 (CY3), Kuwabara_10 (DN4), Lilas_10 (CY1), LonelyBoi_10 (CY7), Lucky10_9 (DH), Marteena_10 (CY1), Morkie_9 (DH), MortyNRick_10 (DN), PhorbesPhlower_9 (DH), Pollux_10 (CY1), Posh_10 (CY4), Pytheas_10 (CY3), SilverChicken_10 (F2), Soul22_10 (F2), Wrigley_10 (CY4), Yoshi_10 (F2), Zapner_11 (F2),

Start 73:

- Found in 83 of 539 (15.4%) of genes in pham
- Manual Annotations of this start: 62 of 455
- Called 97.6% of time when present
- Phage (with cluster) where this start called: Agatha_10 (CT), AikoCarson_9 (CT), Amok_9 (CT), AndPeggy_9 (CT), Axym_10 (CT), Azira_12 (CT), Balloona_9 (CT), Bavailard_10 (CT), BigChungus_9 (CT), BillDoor_12 (CT), Biskit_11 (CT), Blondies_11 (CT), Bubble_10 (CT), Burnsey_10 (CT), Button_11 (CT), Buttrmlkdreams_10 (CT), CanesSauce_10 (CT), CaramelLatte_10 (CT), CherryonLim_11 (CT), ChickenTender_12 (CT), ChocoMunchkin_10 (CT), Cleo_10 (CT), CocoaPuff_9 (CT), Cozz_10 (CT), Dre3_10 (CT), ElJefes_9 (CT), Elinal_11 (CT), Elliott_10 (CT), Emalyn_9 (CT), Feastonyeet_9 (CT), Fribs8_11 (CT), GTE2_08 (CT), GiKK_13 (CT), Gibbous_10 (CT), GoldHunter_11 (CT), Hexbug_12 (CT), HippoPololi_12 (CT), Horseradish_11 (CT), Jamzy_13 (CT), KayGee_10 (CT), Lauer_9 (CT), MAnor_10 (CT), MScarn_12 (CT), MaVan_12 (CT), Malvina_12 (CT), Margaret_13 (CT), Mayweather_11 (CT), McDazzle_9 (CT), MunkgeeRoachy_10 (CT), Nibbles_12 (CT), Nina_11 (CT), Nodigi_12 (CT), Orla_12 (CT), Pons_10 (CT), PotPie_10 (CT), PsychoKiller_10 (CT), Quasar_10 (CT), RADical_11 (CT), RSchmailzl_11 (CT), RanchParmCat_13 (CT), RedBaron_12 (CT), SheckWes_9 (CT), SketchMex_9 (CT), Socotra_11 (CT), Sopespian_10 (CT), Starburst_11 (CT), SteamedHams_12 (CT), SummitAcademy_9 (CT), Survivors_12 (CT), SweatNTears_12 (CT), Tarnish_10 (CT), Tolls_12 (CT), Troje_10 (CT), Typhonmarchy_10 (CT), Vine_11 (CT), Wolfwood_12 (CT), Yakult_11 (CT), Yarn_9 (CT), Yucky_10 (CT), Yummy_11 (CT), Zareef_12 (CT),

Start 75:

- Found in 58 of 539 (10.8%) of genes in pham
- Manual Annotations of this start: 46 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ATCC29399BC_8 (BU), ATCC29399BT_8 (BU), Aquarius_8 (BU), Attacne_8 (BU), BruceLethal_8 (BU), Cota_8 (BU), DS6A_13 (singleton), DrParker_8 (BU), Enochoraptor_8 (BU), Enoki_8 (BU), Keiki_8 (BU), Kubed_8 (BU), Lauchelly_8 (BU), Leviosa_8 (BU), LilBandit_8 (BU), MEAK_8 (BU), Moyashi_8 (BU), MrAK_8 (BU), Ouroboros_8 (BU), P1.1_8 (BU), P100.1_8 (BU), P100A_8 (BU), P100D_8 (BU), P101A_8 (BU), P104A_8 (BU), P104B_8 (BU), P105_8 (BU), P106A_8 (BU), P106C_8 (BU), P106I_8 (BU), P106L_8 (BU), P106M_8 (BU), P107A_8 (BU), P107C_8 (BU), P108C_8 (BU), P14.4_8 (BU), P9.1_8 (BU), PA6_8 (BU), PAD20_8 (BU), PAS50_8 (BU), PHL010M04_08 (BU), PHL037M02_08 (BU), PHL060L00_08 (BU), PHL067M10_08 (BU), PHL071N05_08

(BU), PHL111M01_08 (BU), PHL112N00_08 (BU), PHL113M01_08 (BU), PHL114L00_08 (BU), Pirate_8 (BU), Procrass1_8 (BU), QueenBey_8 (BU), Rileysaurus_8 (BU), SKKY_8 (BU), Solid_8 (BU), Stormborn_8 (BU), Supernova_8 (BU), Wizzo_8 (BU),

Start 77:

- Found in 19 of 539 (3.5%) of genes in pham
- Manual Annotations of this start: 15 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alatato_8 (FB), Aoka_10 (FO), BrayBeast_9 (FB), CocoCinnamon_12 (FO), EvenBluerMoon_10 (FO), Hereford_11 (FO), JanetJ_10 (FO), JeanClaude_9 (FB), Kumotta_10 (FB), Maja_9 (FO), MargaretKali_10 (FB), Morrey_15 (FO), NoSwimming_11 (FO), Pigu_9 (FB), PrairieDogTown_10 (FO), Rooter_9 (FB), Sarge_9 (FB), Scotia_11 (FO), Shoya_8 (FB),

Start 78:

- Found in 1 of 539 (0.2%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Gibbzilla_10 (FB),

Start 79:

- Found in 21 of 539 (3.9%) of genes in pham
- No Manual Annotations of this start.
- Called 4.8% of time when present
- Phage (with cluster) where this start called: Carsonalex_11 (CT),

Start 80:

- Found in 3 of 539 (0.6%) of genes in pham
- Manual Annotations of this start: 2 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BaileyBlu_9 (FP), CallinAllBarbz_9 (FP), GrimEater_10 (FP),

Start 81:

- Found in 12 of 539 (2.2%) of genes in pham
- Manual Annotations of this start: 4 of 455
- Called 91.7% of time when present
- Phage (with cluster) where this start called: AnnabelLee_11 (FR), CardboardBox_11 (FR), ChamoyPickle_11 (FR), ChipsNGuac_11 (FR), Elfy_8 (FP), Ezurina_10 (FR), Gerri43_11 (FR), LisoBros_9 (FP), Neuville_11 (FR), Roberts_11 (FR), Studio_11 (FR),

Start 82:

- Found in 2 of 539 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ibantik_73 (singleton), RunningOnE_69 (UNK),

Start 83:

- Found in 3 of 539 (0.6%) of genes in pham

- Manual Annotations of this start: 1 of 455
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Success_55 (BT),

Start 84:

- Found in 26 of 539 (4.8%) of genes in pham
- Manual Annotations of this start: 7 of 455
- Called 26.9% of time when present
- Phage (with cluster) where this start called: Agamoto_13 (FR), Audell_14 (FR), LastNadiia_14 (FR), Makima_12 (FR), Mireles_11 (FR), TMaxx_11 (FR), TripleC_14 (FR),

Start 87:

- Found in 286 of 539 (53.1%) of genes in pham
- Manual Annotations of this start: 2 of 455
- Called 0.7% of time when present
- Phage (with cluster) where this start called: Bimmel_53 (BT), Spooks_54 (BT),

Start 88:

- Found in 3 of 539 (0.6%) of genes in pham
- Manual Annotations of this start: 2 of 455
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Altostratus_8 (FS), Khuang_8 (FS), RootBeer_9 (FA),

Start 91:

- Found in 11 of 539 (2.0%) of genes in pham
- No Manual Annotations of this start.
- Called 9.1% of time when present
- Phage (with cluster) where this start called: WST1_9 (AJ),

Start 95:

- Found in 8 of 539 (1.5%) of genes in pham
- Manual Annotations of this start: 7 of 455
- Called 87.5% of time when present
- Phage (with cluster) where this start called: Gustav_8 (CD), Mahdia_8 (CD), Morrissey_8 (CD), Poppers_8 (CD), Trine_8 (CD), Upyo_8 (CD), Widow_8 (CD),

Start 100:

- Found in 14 of 539 (2.6%) of genes in pham
- No Manual Annotations of this start.
- Called 7.1% of time when present
- Phage (with cluster) where this start called: Applejacks_8 (CD),

Start 106:

- Found in 2 of 539 (0.4%) of genes in pham
- Manual Annotations of this start: 1 of 455
- Called 50.0% of time when present
- Phage (with cluster) where this start called: IdentityCrisis_9 (AJ),

Summary by clusters:

There are 37 clusters represented in this pham: DN, FP, FR, FS, DH, singleton, BT, BU, FB, FO, CY4, DN4, DN1, DN3, DN2, CY3, CY2, CY1, AB, CY7, CY6, CY5, F, AJ, FA, CD, X, UNK, CT, F1, F2, F3, F4, F6, F7, F8, BV,

Info for manual annotations of cluster AB:

- Start number 59 was manually annotated 1 time for cluster AB.
- Start number 64 was manually annotated 3 times for cluster AB.

Info for manual annotations of cluster AJ:

- Start number 106 was manually annotated 1 time for cluster AJ.

Info for manual annotations of cluster BT:

- Start number 83 was manually annotated 1 time for cluster BT.
- Start number 87 was manually annotated 2 times for cluster BT.

Info for manual annotations of cluster BU:

- Start number 75 was manually annotated 45 times for cluster BU.

Info for manual annotations of cluster BV:

- Start number 68 was manually annotated 3 times for cluster BV.

Info for manual annotations of cluster CD:

- Start number 95 was manually annotated 7 times for cluster CD.

Info for manual annotations of cluster CT:

- Start number 73 was manually annotated 62 times for cluster CT.

Info for manual annotations of cluster CY1:

- Start number 72 was manually annotated 9 times for cluster CY1.

Info for manual annotations of cluster CY2:

- Start number 72 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster CY3:

- Start number 72 was manually annotated 2 times for cluster CY3.

Info for manual annotations of cluster CY4:

- Start number 72 was manually annotated 2 times for cluster CY4.

Info for manual annotations of cluster CY5:

- Start number 72 was manually annotated 1 time for cluster CY5.

Info for manual annotations of cluster CY6:

- Start number 72 was manually annotated 1 time for cluster CY6.

Info for manual annotations of cluster CY7:

- Start number 72 was manually annotated 1 time for cluster CY7.

Info for manual annotations of cluster DH:

- Start number 72 was manually annotated 3 times for cluster DH.

Info for manual annotations of cluster DN:

- Start number 67 was manually annotated 3 times for cluster DN.

- Start number 69 was manually annotated 2 times for cluster DN.
- Start number 72 was manually annotated 3 times for cluster DN.

Info for manual annotations of cluster DN1:

- Start number 67 was manually annotated 15 times for cluster DN1.

Info for manual annotations of cluster DN2:

- Start number 67 was manually annotated 2 times for cluster DN2.

Info for manual annotations of cluster DN3:

- Start number 72 was manually annotated 2 times for cluster DN3.

Info for manual annotations of cluster DN4:

- Start number 72 was manually annotated 1 time for cluster DN4.

Info for manual annotations of cluster F1:

- Start number 71 was manually annotated 233 times for cluster F1.

Info for manual annotations of cluster F2:

- Start number 72 was manually annotated 7 times for cluster F2.

Info for manual annotations of cluster F3:

- Start number 71 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster F4:

- Start number 71 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster FA:

- Start number 88 was manually annotated 1 time for cluster FA.

Info for manual annotations of cluster FB:

- Start number 77 was manually annotated 6 times for cluster FB.

Info for manual annotations of cluster FO:

- Start number 77 was manually annotated 9 times for cluster FO.

Info for manual annotations of cluster FP:

- Start number 80 was manually annotated 2 times for cluster FP.

Info for manual annotations of cluster FR:

- Start number 81 was manually annotated 4 times for cluster FR.
- Start number 84 was manually annotated 7 times for cluster FR.

Info for manual annotations of cluster FS:

- Start number 88 was manually annotated 1 time for cluster FS.

Info for manual annotations of cluster UNK:

- Start number 71 was manually annotated 1 time for cluster UNK.

Info for manual annotations of cluster X:

•Start number 71 was manually annotated 2 times for cluster X.

Gene Information:

Gene: ATCC29399BC_8 Start: 6098, Stop: 6445, Start Num: 75

Candidate Starts for ATCC29399BC_8:

(46, 6035), (Start: 75 @6098 has 46 MA's), (96, 6128), (98, 6131), (110, 6173), (120, 6203), (123, 6215), (153, 6287), (162, 6308), (176, 6350), (187, 6374), (188, 6377), (191, 6392), (202, 6425),

Gene: ATCC29399BT_8 Start: 6095, Stop: 6442, Start Num: 75

Candidate Starts for ATCC29399BT_8:

(66, 6080), (Start: 75 @6095 has 46 MA's), (96, 6125), (98, 6128), (120, 6200), (123, 6212), (131, 6230), (176, 6347), (187, 6371), (188, 6374), (191, 6389), (199, 6416), (202, 6422),

Gene: Agamoto_13 Start: 10199, Stop: 10531, Start Num: 84

Candidate Starts for Agamoto_13:

(Start: 84 @10199 has 7 MA's),

Gene: Agatha_10 Start: 6923, Stop: 7264, Start Num: 73

Candidate Starts for Agatha_10:

(Start: 73 @6923 has 62 MA's), (79, 6932), (110, 6992), (145, 7085), (183, 7187),

Gene: AikoCarson_9 Start: 6653, Stop: 6994, Start Num: 73

Candidate Starts for AikoCarson_9:

(Start: 73 @6653 has 62 MA's), (147, 6818), (183, 6917), (200, 6974),

Gene: Akhila_9 Start: 7094, Stop: 7426, Start Num: 71

Candidate Starts for Akhila_9:

(Start: 71 @7094 has 242 MA's), (Start: 87 @7118 has 2 MA's), (99, 7136), (111, 7175), (117, 7196), (123, 7211), (131, 7229), (137, 7247), (150, 7271), (156, 7283), (158, 7289), (163, 7301), (165, 7307), (174, 7337), (190, 7370),

Gene: Alatato_8 Start: 6552, Stop: 6920, Start Num: 77

Candidate Starts for Alatato_8:

(Start: 77 @6552 has 15 MA's), (Start: 84 @6561 has 7 MA's), (117, 6651), (119, 6657), (145, 6735), (166, 6780), (192, 6876), (204, 6909),

Gene: Alexphander_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Alexphander_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Aloeri_9 Start: 6299, Stop: 6628, Start Num: 71

Candidate Starts for Aloeri_9:

(Start: 71 @6299 has 242 MA's), (Start: 87 @6323 has 2 MA's), (105, 6362), (115, 6395), (121, 6407), (125, 6428), (131, 6434), (133, 6437), (139, 6455), (150, 6476), (156, 6488), (163, 6506), (165, 6512), (168, 6524), (174, 6542), (181, 6551), (190, 6575), (195, 6602), (196, 6605), (204, 6623),

Gene: AlpineSix_8 Start: 6442, Stop: 6771, Start Num: 71

Candidate Starts for AlpineSix_8:

(7, 6172), (35, 6349), (Start: 71 @6442 has 242 MA's), (Start: 87 @6466 has 2 MA's), (105, 6505), (115, 6538), (121, 6550), (125, 6571), (131, 6577), (133, 6580), (139, 6598), (156, 6631), (163, 6649), (165, 6655), (174, 6685), (181, 6694), (190, 6718), (195, 6745), (196, 6748), (204, 6766),

Gene: Altostratus_8 Start: 6384, Stop: 6734, Start Num: 88

Candidate Starts for Altostratus_8:

(Start: 88 @6384 has 2 MA's), (103, 6411), (109, 6432), (157, 6573), (166, 6597), (167, 6603), (205, 6726),

Gene: Amok_9 Start: 6653, Stop: 6994, Start Num: 73

Candidate Starts for Amok_9:

(Start: 73 @6653 has 62 MA's), (147, 6818), (183, 6917), (200, 6974),

Gene: Anatole_9 Start: 6977, Stop: 7360, Start Num: 68

Candidate Starts for Anatole_9:

(8, 6722), (14, 6767), (Start: 59 @6962 has 1 MA's), (Start: 68 @6977 has 3 MA's), (96, 7019), (116, 7088), (124, 7124), (132, 7148), (151, 7187), (167, 7229), (180, 7274), (189, 7298), (196, 7331), (197, 7334), (204, 7349),

Gene: AndPeggy_9 Start: 6941, Stop: 7282, Start Num: 73

Candidate Starts for AndPeggy_9:

(Start: 73 @6941 has 62 MA's), (147, 7106), (197, 7256), (200, 7262),

Gene: Angelique_10 Start: 7476, Stop: 7823, Start Num: 72

Candidate Starts for Angelique_10:

(43, 7398), (Start: 72 @7476 has 33 MA's), (115, 7572), (121, 7584), (154, 7668), (176, 7731), (200, 7803),

Gene: AnnabelLee_11 Start: 7129, Stop: 7464, Start Num: 81

Candidate Starts for AnnabelLee_11:

(Start: 81 @7129 has 4 MA's), (100, 7159), (180, 7381),

Gene: Aoka_10 Start: 8106, Stop: 8438, Start Num: 77

Candidate Starts for Aoka_10:

(Start: 77 @8106 has 15 MA's), (Start: 84 @8115 has 7 MA's),

Gene: Applejacks_8 Start: 6532, Stop: 6825, Start Num: 100

Candidate Starts for Applejacks_8:

(Start: 95 @6523 has 7 MA's), (100, 6532), (112, 6577), (120, 6601), (140, 6667), (184, 6754), (197, 6799),

Gene: Apricot_10 Start: 6791, Stop: 7132, Start Num: 72

Candidate Starts for Apricot_10:

(44, 6716), (57, 6758), (Start: 72 @6791 has 33 MA's), (Start: 87 @6812 has 2 MA's), (104, 6842), (145, 6956), (147, 6959), (150, 6965), (156, 6977), (180, 7043), (200, 7112), (203, 7118), (204, 7121),

Gene: Aquarius_8 Start: 6088, Stop: 6435, Start Num: 75

Candidate Starts for Aquarius_8:

(46, 6025), (Start: 75 @6088 has 46 MA's), (96, 6118), (98, 6121), (110, 6163), (120, 6193), (123, 6205), (174, 6337), (176, 6340), (188, 6367), (191, 6382), (202, 6415),

Gene: ArcusAngelus_8 Start: 6436, Stop: 6768, Start Num: 71

Candidate Starts for ArcusAngelus_8:

(Start: 71 @6436 has 242 MA's), (Start: 87 @6460 has 2 MA's), (99, 6478), (117, 6538), (123, 6553), (137, 6589), (150, 6613), (156, 6625), (158, 6631), (163, 6643), (165, 6649), (174, 6679), (190, 6712),

Gene: Ardmore_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Ardmore_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Asapag_10 Start: 6480, Stop: 6827, Start Num: 67

Candidate Starts for Asapag_10:

(54, 6444), (Start: 67 @6480 has 20 MA's), (94, 6519), (110, 6561), (136, 6633), (145, 6654), (147, 6657), (164, 6690), (172, 6717), (177, 6735), (193, 6786), (197, 6801), (200, 6807), (204, 6816),

Gene: Attacne_8 Start: 6099, Stop: 6446, Start Num: 75

Candidate Starts for Attacne_8:

(46, 6036), (Start: 75 @6099 has 46 MA's), (96, 6129), (98, 6132), (110, 6174), (120, 6204), (123, 6216), (131, 6234), (153, 6288), (162, 6309), (176, 6351), (188, 6378), (191, 6393), (202, 6426),

Gene: Aubs_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Aubs_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722), (204, 6770),

Gene: Audell_14 Start: 10469, Stop: 10801, Start Num: 84

Candidate Starts for Audell_14:

(Start: 84 @10469 has 7 MA's), (167, 10673),

Gene: Avani_10 Start: 6438, Stop: 6791, Start Num: 72

Candidate Starts for Avani_10:

(51, 6387), (53, 6393), (Start: 72 @6438 has 33 MA's), (91, 6468), (111, 6519), (147, 6624), (156, 6642), (169, 6675), (197, 6765),

Gene: Awesomesauce_9 Start: 6299, Stop: 6628, Start Num: 71

Candidate Starts for Awesomesauce_9:

(Start: 71 @6299 has 242 MA's), (Start: 87 @6323 has 2 MA's), (105, 6362), (115, 6395), (125, 6428), (131, 6434), (133, 6437), (139, 6455), (156, 6488), (163, 6506), (165, 6512), (168, 6524), (174, 6542), (181, 6551), (190, 6575), (193, 6593), (195, 6602), (196, 6605), (204, 6623),

Gene: Axym_10 Start: 6923, Stop: 7264, Start Num: 73

Candidate Starts for Axym_10:

(Start: 73 @6923 has 62 MA's), (79, 6932), (110, 6992), (145, 7085), (183, 7187),

Gene: Azira_12 Start: 7820, Stop: 8170, Start Num: 73

Candidate Starts for Azira_12:

(47, 7760), (61, 7796), (Start: 73 @7820 has 62 MA's), (Start: 87 @7838 has 2 MA's), (102, 7862), (110, 7889), (145, 7985), (152, 8000), (165, 8030), (180, 8084), (196, 8141),

Gene: B3_9 Start: 6977, Stop: 7360, Start Num: 68

Candidate Starts for B3_9:

(8, 6722), (14, 6767), (Start: 59 @6962 has 1 MA's), (Start: 68 @6977 has 3 MA's), (96, 7019), (116, 7088), (132, 7148), (151, 7187), (167, 7229), (180, 7274), (189, 7298), (196, 7331), (197, 7334), (204, 7349),

Gene: BENtherdunthat_10 Start: 6480, Stop: 6827, Start Num: 67

Candidate Starts for BENtherdunthat_10:

(54, 6444), (Start: 67 @6480 has 20 MA's), (94, 6519), (110, 6561), (136, 6633), (145, 6654), (147, 6657), (164, 6690), (172, 6717), (177, 6735), (193, 6786), (197, 6801), (200, 6807), (204, 6816),

Gene: BaileyBlu_9 Start: 6175, Stop: 6513, Start Num: 80

Candidate Starts for BaileyBlu_9:

(63, 6163), (Start: 80 @6175 has 2 MA's), (119, 6277), (138, 6322), (148, 6340), (152, 6346), (165, 6376),

Gene: Balloona_9 Start: 6695, Stop: 7036, Start Num: 73

Candidate Starts for Balloona_9:

(Start: 73 @6695 has 62 MA's), (99, 6731), (101, 6734), (143, 6854), (151, 6869), (200, 7016),

Gene: Batiatus_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Batiatus_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Bavilard_10 Start: 7475, Stop: 7816, Start Num: 73

Candidate Starts for Bavilard_10:

(Start: 73 @7475 has 62 MA's), (99, 7511), (143, 7634), (200, 7796),

Gene: Beakin_9 Start: 6299, Stop: 6628, Start Num: 71

Candidate Starts for Beakin_9:

(Start: 71 @6299 has 242 MA's), (Start: 87 @6323 has 2 MA's), (105, 6362), (115, 6395), (121, 6407), (125, 6428), (131, 6434), (133, 6437), (139, 6455), (156, 6488), (163, 6506), (165, 6512), (168, 6524), (174, 6542), (181, 6551), (190, 6575), (195, 6602), (196, 6605), (204, 6623),

Gene: Beanstalk_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Beanstalk_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (105, 6358), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: BearBQ_10 Start: 6791, Stop: 7132, Start Num: 72

Candidate Starts for BearBQ_10:

(44, 6716), (57, 6758), (Start: 72 @6791 has 33 MA's), (Start: 87 @6812 has 2 MA's), (104, 6842), (145, 6956), (147, 6959), (150, 6965), (156, 6977), (180, 7043), (200, 7112), (203, 7118), (204, 7121),

Gene: BeeGee_10 Start: 7478, Stop: 7825, Start Num: 72

Candidate Starts for BeeGee_10:

(43, 7400), (Start: 72 @7478 has 33 MA's), (121, 7586), (176, 7733), (200, 7805),

Gene: BigChungus_9 Start: 6720, Stop: 7061, Start Num: 73

Candidate Starts for BigChungus_9:

(Start: 73 @6720 has 62 MA's), (99, 6756), (101, 6759), (143, 6879), (151, 6894), (200, 7041),

Gene: BigPhil_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for BigPhil_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: BillDoor_12 Start: 6906, Stop: 7247, Start Num: 73

Candidate Starts for BillDoor_12:

(Start: 73 @6906 has 62 MA's), (147, 7071), (197, 7221), (200, 7227),

Gene: Bimmel_53 Start: 30684, Stop: 31001, Start Num: 87

Candidate Starts for Bimmel_53:

(Start: 83 @30675 has 1 MA's), (Start: 87 @30684 has 2 MA's), (115, 30762), (158, 30855), (173, 30897),

Gene: Bipolar_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Bipolar_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Birdsong_10 Start: 6791, Stop: 7132, Start Num: 72

Candidate Starts for Birdsong_10:

(44, 6716), (57, 6758), (Start: 72 @6791 has 33 MA's), (Start: 87 @6812 has 2 MA's), (104, 6842), (145, 6956), (147, 6959), (150, 6965), (156, 6977), (180, 7043), (200, 7112), (203, 7118), (204, 7121),

Gene: Biskit_11 Start: 6907, Stop: 7248, Start Num: 73

Candidate Starts for Biskit_11:

(Start: 73 @6907 has 62 MA's), (125, 7030), (183, 7171), (197, 7222), (200, 7228),

Gene: Blarby_11 Start: 6962, Stop: 7315, Start Num: 72

Candidate Starts for Blarby_11:

(51, 6911), (53, 6917), (Start: 72 @6962 has 33 MA's), (91, 6992), (111, 7043), (147, 7148), (156, 7166), (169, 7199), (197, 7289),

Gene: Blexus_8 Start: 6459, Stop: 6788, Start Num: 71

Candidate Starts for Blexus_8:

(7, 6189), (35, 6366), (Start: 71 @6459 has 242 MA's), (Start: 87 @6483 has 2 MA's), (105, 6522), (115, 6555), (121, 6567), (125, 6588), (131, 6594), (133, 6597), (139, 6615), (156, 6648), (163, 6666), (165, 6672), (168, 6684), (174, 6702), (181, 6711), (190, 6735), (195, 6762), (196, 6765), (204, 6783),

Gene: Blondies_11 Start: 6902, Stop: 7243, Start Num: 73

Candidate Starts for Blondies_11:

(Start: 73 @6902 has 62 MA's), (125, 7025), (183, 7166), (197, 7217), (200, 7223),

Gene: BlueCrab_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for BlueCrab_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: BobaPhett_8 Start: 6435, Stop: 6764, Start Num: 71

Candidate Starts for BobaPhett_8:

(7, 6165), (35, 6342), (Start: 71 @6435 has 242 MA's), (Start: 87 @6459 has 2 MA's), (105, 6498), (115, 6531), (121, 6543), (125, 6564), (131, 6570), (133, 6573), (139, 6591), (156, 6624), (163, 6642), (165, 6648), (174, 6678), (181, 6687), (190, 6711), (195, 6738), (196, 6741), (204, 6759),

Gene: Bobi_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Bobi_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (150, 6473), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: BodEinwohner17_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for BodEinwohner17_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Boomer_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Boomer_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: BotCity_10 Start: 6478, Stop: 6825, Start Num: 67

Candidate Starts for BotCity_10:

(54, 6442), (Start: 67 @6478 has 20 MA's), (94, 6517), (110, 6559), (136, 6631), (145, 6652), (147, 6655), (164, 6688), (172, 6715), (177, 6733), (193, 6784), (197, 6799), (200, 6805), (204, 6814),

Gene: Bradissa_10 Start: 7482, Stop: 7829, Start Num: 72

Candidate Starts for Bradissa_10:

(Start: 72 @7482 has 33 MA's), (121, 7590), (176, 7737), (200, 7809),

Gene: BrayBeast_9 Start: 7001, Stop: 7333, Start Num: 77

Candidate Starts for BrayBeast_9:

(Start: 77 @7001 has 15 MA's), (Start: 84 @7010 has 7 MA's), (112, 7079), (165, 7223), (180, 7250), (204, 7322),

Gene: BritBrat_10 Start: 7484, Stop: 7831, Start Num: 72

Candidate Starts for BritBrat_10:

(Start: 72 @7484 has 33 MA's), (121, 7592), (176, 7739), (200, 7811),

Gene: Brocalys_8 Start: 6432, Stop: 6761, Start Num: 71

Candidate Starts for Brocalys_8:

(7, 6162), (35, 6339), (Start: 71 @6432 has 242 MA's), (Start: 87 @6456 has 2 MA's), (105, 6495), (115, 6528), (121, 6540), (125, 6561), (131, 6567), (133, 6570), (139, 6588), (156, 6621), (163, 6639), (165, 6645), (168, 6657), (174, 6675), (181, 6684), (190, 6708), (195, 6735), (196, 6738), (204, 6756),

Gene: Brookers_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Brookers_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: BruceLethal_8 Start: 6088, Stop: 6435, Start Num: 75

Gene: BruceLethal_8

Candidate Starts for BruceLethal_8:
(26, 5941), (27, 5944), (37, 5992), (46, 6025), (60, 6061), (62, 6064), (Start: 75 @6088 has 46 MA's),
(96, 6118), (98, 6121), (108, 6151), (120, 6193), (131, 6223), (153, 6277), (162, 6298), (174, 6337),
(176, 6340), (187, 6364), (188, 6367), (191, 6382), (202, 6415),

Gene: Brushbloom_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Brushbloom_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (105, 6358), (115, 6391), (121, 6403),
(125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520),
(174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: Bubble_10 Start: 6923, Stop: 7264, Start Num: 73

Candidate Starts for Bubble_10:

(Start: 73 @6923 has 62 MA's), (79, 6932), (110, 6992), (145, 7085), (183, 7187),

Gene: Bubbles123_8 Start: 6462, Stop: 6791, Start Num: 71

Candidate Starts for Bubbles123_8:

(7, 6192), (35, 6369), (Start: 71 @6462 has 242 MA's), (Start: 87 @6486 has 2 MA's), (105, 6525),
(115, 6558), (125, 6591), (131, 6597), (133, 6600), (139, 6618), (156, 6651), (163, 6669), (165, 6675),
(168, 6687), (174, 6705), (181, 6714), (190, 6738), (195, 6765), (196, 6768), (204, 6786),

Gene: Budski_10 Start: 6485, Stop: 6832, Start Num: 67

Candidate Starts for Budski_10:

(54, 6449), (Start: 67 @6485 has 20 MA's), (94, 6524), (145, 6659), (147, 6662), (164, 6695), (177,
6740), (193, 6791), (197, 6806), (204, 6821),

Gene: Burnsey_10 Start: 6924, Stop: 7265, Start Num: 73

Candidate Starts for Burnsey_10:

(Start: 73 @6924 has 62 MA's), (79, 6933), (110, 6993), (145, 7086), (183, 7188),

Gene: Burwell21_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Burwell21_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506),
(115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650),
(165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (193, 6737), (195, 6746), (196, 6749),
(204, 6767),

Gene: Button_11 Start: 6943, Stop: 7281, Start Num: 73

Candidate Starts for Button_11:

(39, 6853), (40, 6856), (43, 6862), (Start: 73 @6943 has 62 MA's), (154, 7123), (161, 7138), (170,
7162), (172, 7168), (200, 7261),

Gene: Buttrmlkdreams_10 Start: 6901, Stop: 7242, Start Num: 73

Candidate Starts for Buttrmlkdreams_10:

(Start: 73 @6901 has 62 MA's), (125, 7024), (183, 7165), (197, 7216), (200, 7222),

Gene: BuzzLyseyear_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for BuzzLyseyear_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (105, 6358), (115, 6391), (121, 6403),
(125, 6424), (131, 6430), (133, 6433), (139, 6451), (150, 6472), (156, 6484), (163, 6502), (165, 6508),
(174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: ByChance_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for ByChance_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (121, 6553), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (195, 6748), (196, 6751), (204, 6769),

Gene: Byougenkin_8 Start: 6433, Stop: 6762, Start Num: 71

Candidate Starts for Byougenkin_8:

(Start: 71 @6433 has 242 MA's), (Start: 87 @6457 has 2 MA's), (105, 6496), (115, 6529), (121, 6541), (125, 6562), (131, 6568), (133, 6571), (139, 6589), (156, 6622), (163, 6640), (165, 6646), (168, 6658), (174, 6676), (181, 6685), (190, 6709), (195, 6736), (196, 6739), (204, 6757),

Gene: Cabrinians_8 Start: 6435, Stop: 6764, Start Num: 71

Candidate Starts for Cabrinians_8:

(7, 6165), (35, 6342), (Start: 71 @6435 has 242 MA's), (Start: 87 @6459 has 2 MA's), (105, 6498), (115, 6531), (121, 6543), (125, 6564), (131, 6570), (133, 6573), (139, 6591), (156, 6624), (163, 6642), (165, 6648), (168, 6660), (174, 6678), (181, 6687), (190, 6711), (195, 6738), (196, 6741), (204, 6759),

Gene: CallinAllBarbz_9 Start: 6185, Stop: 6523, Start Num: 80

Candidate Starts for CallinAllBarbz_9:

(63, 6173), (Start: 80 @6185 has 2 MA's), (117, 6281), (119, 6287), (138, 6332), (148, 6350), (152, 6356), (165, 6386),

Gene: CanesSauce_10 Start: 6942, Stop: 7283, Start Num: 73

Candidate Starts for CanesSauce_10:

(Start: 73 @6942 has 62 MA's), (147, 7107), (197, 7257), (200, 7263),

Gene: CaptainTrips_9 Start: 7094, Stop: 7426, Start Num: 71

Candidate Starts for CaptainTrips_9:

(Start: 71 @7094 has 242 MA's), (Start: 87 @7118 has 2 MA's), (99, 7136), (111, 7175), (117, 7196), (123, 7211), (131, 7229), (137, 7247), (150, 7271), (158, 7289), (163, 7301), (165, 7307), (174, 7337), (190, 7370),

Gene: Caramellatte_10 Start: 6942, Stop: 7283, Start Num: 73

Candidate Starts for Caramellatte_10:

(Start: 73 @6942 has 62 MA's), (147, 7107), (197, 7257), (200, 7263),

Gene: CardboardBox_11 Start: 7129, Stop: 7464, Start Num: 81

Candidate Starts for CardboardBox_11:

(Start: 81 @7129 has 4 MA's), (100, 7159), (180, 7381),

Gene: Carsonalex_11 Start: 6989, Stop: 7321, Start Num: 79

Candidate Starts for Carsonalex_11:

(Start: 73 @6980 has 62 MA's), (79, 6989), (110, 7049), (145, 7142), (183, 7244),

Gene: Cashline_10 Start: 7331, Stop: 7678, Start Num: 72

Candidate Starts for Cashline_10:

(43, 7253), (Start: 72 @7331 has 33 MA's), (115, 7427), (121, 7439), (154, 7523), (200, 7658),

Gene: Cerasum_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Cerasum_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: ChamoyPickle_11 Start: 7129, Stop: 7464, Start Num: 81

Candidate Starts for ChamoyPickle_11:

(Start: 81 @7129 has 4 MA's), (100, 7159), (180, 7381),

Gene: Che8_8 Start: 6447, Stop: 6776, Start Num: 71

Candidate Starts for Che8_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (105, 6510), (115, 6543), (125, 6576), (131, 6582), (133, 6585), (139, 6603), (156, 6636), (163, 6654), (165, 6660), (168, 6672), (174, 6690), (181, 6699), (190, 6723), (195, 6750), (196, 6753), (204, 6771),

Gene: Che9d_10 Start: 6447, Stop: 6800, Start Num: 72

Candidate Starts for Che9d_10:

(51, 6396), (53, 6402), (Start: 72 @6447 has 33 MA's), (91, 6477), (111, 6528), (147, 6633), (156, 6651), (169, 6684), (197, 6774),

Gene: CheeseTouch_10 Start: 6485, Stop: 6832, Start Num: 67

Candidate Starts for CheeseTouch_10:

(54, 6449), (Start: 67 @6485 has 20 MA's), (94, 6524), (145, 6659), (147, 6662), (164, 6695), (177, 6740), (193, 6791), (197, 6806), (204, 6821),

Gene: Cheesepuff_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for Cheesepuff_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (195, 6748), (196, 6751), (204, 6769),

Gene: CherryonLim_11 Start: 7446, Stop: 7787, Start Num: 73

Candidate Starts for CherryonLim_11:

(Start: 73 @7446 has 62 MA's), (99, 7482), (143, 7605), (151, 7620), (171, 7668), (200, 7767),

Gene: Chevrolet_8 Start: 6436, Stop: 6768, Start Num: 71

Candidate Starts for Chevrolet_8:

(Start: 71 @6436 has 242 MA's), (Start: 87 @6460 has 2 MA's), (99, 6478), (117, 6538), (123, 6553), (137, 6589), (150, 6613), (156, 6625), (158, 6631), (163, 6643), (165, 6649), (174, 6679), (190, 6712),

Gene: ChickenDinner_9 Start: 6299, Stop: 6628, Start Num: 71

Candidate Starts for ChickenDinner_9:

(Start: 71 @6299 has 242 MA's), (Start: 87 @6323 has 2 MA's), (105, 6362), (115, 6395), (121, 6407), (125, 6428), (131, 6434), (133, 6437), (139, 6455), (150, 6476), (156, 6488), (163, 6506), (165, 6512), (168, 6524), (174, 6542), (181, 6551), (190, 6575), (195, 6602), (196, 6605), (204, 6623),

Gene: ChickenTender_12 Start: 6966, Stop: 7307, Start Num: 73

Candidate Starts for ChickenTender_12:

(Start: 73 @6966 has 62 MA's), (79, 6975), (110, 7035), (145, 7128), (183, 7230),

Gene: ChipsNGuac_11 Start: 7129, Stop: 7464, Start Num: 81

Candidate Starts for ChipsNGuac_11:

(Start: 81 @7129 has 4 MA's), (100, 7159), (180, 7381),

Gene: ChocoMunchkin_10 Start: 6942, Stop: 7283, Start Num: 73

Candidate Starts for ChocoMunchkin_10:

(Start: 73 @6942 has 62 MA's), (147, 7107), (197, 7257), (200, 7263),

Gene: Chuckly_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Chuckly_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Clank_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Clank_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Cleo_10 Start: 7123, Stop: 7470, Start Num: 73

Candidate Starts for Cleo_10:

(Start: 73 @7123 has 62 MA's), (145, 7285), (152, 7300), (154, 7303), (180, 7384),

Gene: Clifton_8 Start: 6431, Stop: 6760, Start Num: 71

Candidate Starts for Clifton_8:

(7, 6161), (35, 6338), (Start: 71 @6431 has 242 MA's), (Start: 87 @6455 has 2 MA's), (105, 6494), (115, 6527), (121, 6539), (125, 6560), (131, 6566), (133, 6569), (139, 6587), (156, 6620), (163, 6638), (165, 6644), (168, 6656), (174, 6674), (181, 6683), (190, 6707), (195, 6734), (196, 6737), (204, 6755),

Gene: Coco12_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Coco12_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: CocoCinnamon_12 Start: 8205, Stop: 8576, Start Num: 77

Candidate Starts for CocoCinnamon_12:

(Start: 77 @8205 has 15 MA's), (Start: 84 @8214 has 7 MA's), (145, 8388), (170, 8448), (180, 8493), (200, 8556), (204, 8565),

Gene: CocoaPuff_9 Start: 6695, Stop: 7036, Start Num: 73

Candidate Starts for CocoaPuff_9:

(Start: 73 @6695 has 62 MA's), (99, 6731), (143, 6854), (200, 7016),

Gene: Confidence_10 Start: 7478, Stop: 7825, Start Num: 72

Candidate Starts for Confidence_10:

(Start: 72 @7478 has 33 MA's), (121, 7586), (176, 7733), (200, 7805),

Gene: Corium_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for Corium_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (158, 6642), (163, 6654), (165, 6660), (174, 6690), (190, 6723),

Gene: Cornucopia_9 Start: 6296, Stop: 6628, Start Num: 71

Candidate Starts for Cornucopia_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (99, 6338), (111, 6377), (117, 6398), (131, 6431), (137, 6449), (150, 6473), (156, 6485), (158, 6491), (163, 6503), (165, 6509), (174, 6539), (190, 6572),

Gene: Cota_8 Start: 6106, Stop: 6453, Start Num: 75

Candidate Starts for Cota_8:

(37, 6010), (46, 6043), (Start: 75 @6106 has 46 MA's), (96, 6136), (98, 6139), (120, 6211), (123, 6223), (153, 6295), (162, 6316), (176, 6358), (187, 6382), (188, 6385), (191, 6400), (202, 6433),

Gene: Cozz_10 Start: 6924, Stop: 7265, Start Num: 73

Candidate Starts for Cozz_10:

(Start: 73 @6924 has 62 MA's), (79, 6933), (110, 6993), (145, 7086), (183, 7188),

Gene: Crater_10 Start: 6791, Stop: 7132, Start Num: 72

Candidate Starts for Crater_10:

(44, 6716), (57, 6758), (Start: 72 @6791 has 33 MA's), (Start: 87 @6812 has 2 MA's), (104, 6842), (145, 6956), (147, 6959), (150, 6965), (156, 6977), (180, 7043), (200, 7112), (203, 7118), (204, 7121),

Gene: Crumble_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for Crumble_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (195, 6748), (196, 6751), (204, 6769),

Gene: DLane_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for DLane_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (156, 6636), (158, 6642), (163, 6654), (165, 6660), (174, 6690), (190, 6723),

Gene: DRBy19_8 Start: 6459, Stop: 6788, Start Num: 71

Candidate Starts for DRBy19_8:

(7, 6189), (35, 6366), (Start: 71 @6459 has 242 MA's), (Start: 87 @6483 has 2 MA's), (105, 6522), (115, 6555), (121, 6567), (125, 6588), (131, 6594), (133, 6597), (139, 6615), (156, 6648), (163, 6666), (165, 6672), (168, 6684), (174, 6702), (181, 6711), (190, 6735), (195, 6762), (196, 6765), (204, 6783),

Gene: DS6A_13 Start: 9721, Stop: 10056, Start Num: 75

Candidate Starts for DS6A_13:

(Start: 75 @9721 has 46 MA's), (99, 9760), (105, 9781), (111, 9799), (121, 9826), (145, 9886), (156, 9907), (182, 9976), (195, 10024), (196, 10027), (204, 10045),

Gene: DaWorst_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for DaWorst_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: DaddyRickover_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for DaddyRickover_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Daenerys_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Daenerys_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Dante_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for Dante_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: DeadP_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for DeadP_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Deb65_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Deb65_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Demsculpinboyz_10 Start: 6438, Stop: 6791, Start Num: 72

Candidate Starts for Demsculpinboyz_10:

(51, 6387), (53, 6393), (Start: 72 @6438 has 33 MA's), (91, 6468), (111, 6519), (147, 6624), (156, 6642), (169, 6675), (197, 6765),

Gene: DillTech15_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for DillTech15_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: DirtMcgirt_9 Start: 6298, Stop: 6627, Start Num: 71

Candidate Starts for DirtMcgirt_9:

(Start: 71 @6298 has 242 MA's), (Start: 87 @6322 has 2 MA's), (105, 6361), (114, 6391), (115, 6394), (121, 6406), (125, 6427), (131, 6433), (133, 6436), (139, 6454), (156, 6487), (163, 6505), (165, 6511), (174, 6541), (181, 6550), (190, 6574), (195, 6601), (196, 6604), (204, 6622),

Gene: DoRead_8 Start: 6434, Stop: 6766, Start Num: 71

Candidate Starts for DoRead_8:

(Start: 71 @6434 has 242 MA's), (Start: 87 @6458 has 2 MA's), (99, 6476), (111, 6515), (117, 6536), (123, 6551), (131, 6569), (137, 6587), (150, 6611), (156, 6623), (158, 6629), (163, 6641), (165, 6647), (174, 6677), (190, 6710),

Gene: DocMcStuffins_9 Start: 6299, Stop: 6628, Start Num: 71

Candidate Starts for DocMcStuffins_9:

(Start: 71 @6299 has 242 MA's), (Start: 87 @6323 has 2 MA's), (105, 6362), (115, 6395), (121, 6407), (125, 6428), (131, 6434), (133, 6437), (139, 6455), (150, 6476), (156, 6488), (163, 6506), (165, 6512), (168, 6524), (174, 6542), (181, 6551), (190, 6575), (195, 6602), (196, 6605), (204, 6623),

Gene: Donkeykong_8 Start: 6462, Stop: 6791, Start Num: 71

Candidate Starts for Donkeykong_8:

(7, 6192), (35, 6369), (Start: 71 @6462 has 242 MA's), (Start: 87 @6486 has 2 MA's), (105, 6525), (115, 6558), (125, 6591), (131, 6597), (133, 6600), (139, 6618), (156, 6651), (163, 6669), (165, 6675), (168, 6687), (174, 6705), (181, 6714), (190, 6738), (195, 6765), (196, 6768), (204, 6786),

Gene: Doomphist_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Doomphist_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Doomslug_10 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Doomslug_10:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (105, 6358), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: Dorothy_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Dorothy_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: DosHalletts_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for DosHalletts_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: DotProduct_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for DotProduct_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (156, 6636), (158, 6642), (163, 6654), (165, 6660), (174, 6690), (190, 6723),

Gene: Doug_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for Doug_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (121, 6553), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (195, 6748), (196, 6751), (204, 6769),

Gene: DrParker_8 Start: 6113, Stop: 6460, Start Num: 75

Candidate Starts for DrParker_8:

(21, 5957), (24, 5963), (26, 5966), (27, 5969), (33, 6008), (37, 6017), (42, 6029), (46, 6050), (Start: 75 @6113 has 46 MA's), (96, 6143), (98, 6146), (108, 6176), (110, 6188), (120, 6218), (123, 6230), (153, 6302), (162, 6323), (176, 6365), (188, 6392), (191, 6407), (202, 6440),

Gene: Drago_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Drago_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Dre3_10 Start: 7070, Stop: 7417, Start Num: 73

Candidate Starts for Dre3_10:

(Start: 73 @7070 has 62 MA's), (145, 7232), (152, 7247), (154, 7250), (180, 7331),

Gene: E1_9 Start: 6977, Stop: 7360, Start Num: 68

Candidate Starts for E1_9:

(8, 6722), (14, 6767), (Start: 59 @6962 has 1 MA's), (Start: 68 @6977 has 3 MA's), (96, 7019), (116, 7088), (124, 7124), (132, 7148), (151, 7187), (167, 7229), (180, 7274), (189, 7298), (196, 7331), (197, 7334), (204, 7349),

Gene: EMSquaredA_10 Start: 7484, Stop: 7831, Start Num: 72

Candidate Starts for EMSquaredA_10:

(Start: 72 @7484 has 33 MA's), (121, 7592), (176, 7739), (200, 7811),

Gene: Ecliptus_10 Start: 6513, Stop: 6860, Start Num: 69

Candidate Starts for Ecliptus_10:

(6, 6228), (11, 6261), (49, 6462), (Start: 69 @6513 has 2 MA's), (121, 6624), (156, 6705), (165, 6726), (170, 6744), (180, 6771), (203, 6843), (204, 6846),

Gene: Eish_8 Start: 6433, Stop: 6762, Start Num: 71

Candidate Starts for Eish_8:

(Start: 71 @6433 has 242 MA's), (Start: 87 @6457 has 2 MA's), (105, 6496), (115, 6529), (121, 6541), (125, 6562), (131, 6568), (133, 6571), (139, 6589), (156, 6622), (163, 6640), (165, 6646), (174, 6676), (181, 6685), (190, 6709), (195, 6736), (196, 6739), (204, 6757),

Gene: ElJefes_9 Start: 7172, Stop: 7513, Start Num: 73

Candidate Starts for ElJefes_9:

(Start: 73 @7172 has 62 MA's), (99, 7208), (143, 7331), (151, 7346), (171, 7394), (200, 7493),

Gene: EleanorGeorge_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for EleanorGeorge_8:

(52, 6401), (Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Elfy_8 Start: 6109, Stop: 6465, Start Num: 81

Candidate Starts for Elfy_8:

(Start: 81 @6109 has 4 MA's), (104, 6151), (107, 6163), (112, 6184), (117, 6205), (128, 6244), (130, 6250), (138, 6274), (148, 6292), (151, 6295), (165, 6328), (181, 6382), (204, 6454),

Gene: Elinal_11 Start: 6701, Stop: 7042, Start Num: 73

Candidate Starts for Elinal_11:

(Start: 73 @6701 has 62 MA's), (99, 6737), (143, 6860), (200, 7022),

Gene: Elliott_10 Start: 6923, Stop: 7264, Start Num: 73

Candidate Starts for Elliott_10:

(Start: 73 @6923 has 62 MA's), (79, 6932), (110, 6992), (145, 7085), (183, 7187),

Gene: Emalyn_9 Start: 6652, Stop: 6993, Start Num: 73

Candidate Starts for Emalyn_9:

(Start: 73 @6652 has 62 MA's), (147, 6817), (183, 6916), (200, 6973),

Gene: EmiMonkey_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for EmiMonkey_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: Emma_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Emma_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Emmaloid_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for Emmaloid_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: Empress_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Empress_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: EnalisNailo_10 Start: 7484, Stop: 7831, Start Num: 72

Candidate Starts for EnalisNailo_10:

(Start: 72 @7484 has 33 MA's), (121, 7592), (176, 7739), (200, 7811),

Gene: Enby_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Enby_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Enochoraptor_8 Start: 6109, Stop: 6456, Start Num: 75

Candidate Starts for Enochoraptor_8:

(21, 5953), (24, 5959), (26, 5962), (27, 5965), (33, 6004), (34, 6007), (37, 6013), (46, 6046), (60, 6082), (62, 6085), (Start: 75 @6109 has 46 MA's), (93, 6136), (96, 6139), (98, 6142), (110, 6184), (123, 6226), (153, 6298), (162, 6319), (176, 6361), (187, 6385), (188, 6388), (191, 6403), (202, 6436),

Gene: Enoki_8 Start: 6094, Stop: 6441, Start Num: 75

Candidate Starts for Enoki_8:

(21, 5938), (27, 5950), (37, 5998), (46, 6031), (Start: 75 @6094 has 46 MA's), (96, 6124), (98, 6127), (110, 6169), (120, 6199), (123, 6211), (153, 6283), (176, 6346), (187, 6370), (188, 6373), (191, 6388), (202, 6421),

Gene: Enzomatic_9 Start: 6420, Stop: 6752, Start Num: 71

Candidate Starts for Enzomatic_9:

(Start: 71 @6420 has 242 MA's), (Start: 87 @6444 has 2 MA's), (99, 6462), (111, 6501), (117, 6522), (131, 6555), (137, 6573), (150, 6597), (156, 6609), (158, 6615), (163, 6627), (165, 6633), (174, 6663), (190, 6696),

Gene: Eradicator_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for Eradicator_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (195, 6747), (196, 6750), (204, 6768),

Gene: Estave1_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for Estave1_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (121, 6553), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (195, 6748), (196, 6751), (204, 6769),

Gene: EvenBluerMoon_10 Start: 8140, Stop: 8472, Start Num: 77

Candidate Starts for EvenBluerMoon_10:

(Start: 77 @8140 has 15 MA's), (Start: 84 @8149 has 7 MA's),

Gene: Ezurina_10 Start: 6694, Stop: 7029, Start Num: 81

Candidate Starts for Ezurina_10:

(Start: 81 @6694 has 4 MA's), (180, 6946),

Gene: FF47_12 Start: 8188, Stop: 8562, Start Num: 64

Candidate Starts for FF47_12:

(Start: 64 @8188 has 3 MA's), (Start: 87 @8227 has 2 MA's), (115, 8299), (142, 8374), (152, 8392), (154, 8395), (196, 8527), (201, 8539),

Gene: Fancypants_8 Start: 6447, Stop: 6776, Start Num: 71

Candidate Starts for Fancypants_8:

(7, 6177), (35, 6354), (Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (105, 6510), (115, 6543), (121, 6555), (125, 6576), (131, 6582), (133, 6585), (139, 6603), (156, 6636), (163, 6654), (165, 6660), (174, 6690), (181, 6699), (190, 6723), (195, 6750), (196, 6753), (204, 6771),

Gene: Fastidio_8 Start: 6446, Stop: 6775, Start Num: 71

Candidate Starts for Fastidio_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (105, 6509), (115, 6542), (121, 6554), (125, 6575), (131, 6581), (133, 6584), (139, 6602), (156, 6635), (163, 6653), (165, 6659), (168, 6671), (174, 6689), (181, 6698), (190, 6722), (193, 6740), (195, 6749), (196, 6752), (204, 6770),

Gene: Feastonyeet_9 Start: 6720, Stop: 7061, Start Num: 73

Candidate Starts for Feastonyeet_9:

(Start: 73 @6720 has 62 MA's), (99, 6756), (101, 6759), (143, 6879), (151, 6894), (200, 7041),

Gene: Filuzino_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for Filuzino_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (158, 6642), (163, 6654), (165, 6660), (174, 6690), (190, 6723),

Gene: Firehouse51_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Firehouse51_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Flathead_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Flathead_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (105, 6358), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: Floral_10 Start: 7484, Stop: 7831, Start Num: 72

Candidate Starts for Floral_10:

(Start: 72 @7484 has 33 MA's), (121, 7592), (176, 7739), (200, 7811),

Gene: Florinda_8 Start: 6463, Stop: 6792, Start Num: 71

Candidate Starts for Florinda_8:

(7, 6193), (35, 6370), (Start: 71 @6463 has 242 MA's), (Start: 87 @6487 has 2 MA's), (105, 6526), (115, 6559), (125, 6592), (131, 6598), (133, 6601), (139, 6619), (156, 6652), (163, 6670), (165, 6676), (168, 6688), (174, 6706), (181, 6715), (190, 6739), (195, 6766), (196, 6769), (204, 6787),

Gene: Frankie_9 Start: 6489, Stop: 6818, Start Num: 71

Candidate Starts for Frankie_9:

(Start: 71 @6489 has 242 MA's), (Start: 87 @6513 has 2 MA's), (105, 6552), (115, 6585), (121, 6597), (125, 6618), (131, 6624), (133, 6627), (139, 6645), (156, 6678), (163, 6696), (165, 6702), (168, 6714), (174, 6732), (181, 6741), (190, 6765), (195, 6792), (196, 6795), (204, 6813),

Gene: FreddyB_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for FreddyB_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (195, 6747), (196, 6750), (204, 6768),

Gene: Fribs8_11 Start: 7633, Stop: 7983, Start Num: 73

Candidate Starts for Fribs8_11:

(47, 7573), (Start: 73 @7633 has 62 MA's), (Start: 87 @7651 has 2 MA's), (102, 7675), (145, 7798), (147, 7801), (152, 7813), (154, 7816), (180, 7897), (183, 7906),

Gene: Frickyeah_10 Start: 6480, Stop: 6827, Start Num: 67

Candidate Starts for Frickyeah_10:

(54, 6444), (Start: 67 @6480 has 20 MA's), (94, 6519), (110, 6561), (136, 6633), (145, 6654), (147, 6657), (164, 6690), (172, 6717), (177, 6735), (193, 6786), (197, 6801), (200, 6807), (204, 6816),

Gene: Fruitloop_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for Fruitloop_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (158, 6642), (163, 6654), (165, 6660), (174, 6690), (190, 6723),

Gene: GTE2_08 Start: 6602, Stop: 6943, Start Num: 73

Candidate Starts for GTE2_08:

(Start: 73 @6602 has 62 MA's), (147, 6767), (197, 6917), (200, 6923),

Gene: GUmbie_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for GUmbie_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (150, 6637), (156, 6649), (163, 6667), (165, 6673), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: Gaia_7 Start: 7028, Stop: 7366, Start Num: 71

Candidate Starts for Gaia_7:

(Start: 71 @7028 has 242 MA's), (86, 7049), (Start: 87 @7052 has 2 MA's), (117, 7130), (121, 7136), (127, 7157), (131, 7160), (134, 7169), (154, 7211), (170, 7256), (181, 7283), (182, 7286), (196, 7337), (204, 7355),

Gene: Galactic_8 Start: 6420, Stop: 6752, Start Num: 71

Candidate Starts for Galactic_8:

(Start: 71 @6420 has 242 MA's), (Start: 87 @6444 has 2 MA's), (99, 6462), (111, 6501), (117, 6522), (131, 6555), (137, 6573), (150, 6597), (156, 6609), (158, 6615), (163, 6627), (165, 6633), (174, 6663), (190, 6696),

Gene: Gandalph_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for Gandalph_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: Geralt_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Geralt_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Gerri43_11 Start: 7129, Stop: 7464, Start Num: 81

Candidate Starts for Gerri43_11:

(Start: 81 @7129 has 4 MA's), (100, 7159), (180, 7381),

Gene: Getalong_10 Start: 6480, Stop: 6827, Start Num: 67

Candidate Starts for Getalong_10:

(54, 6444), (Start: 67 @6480 has 20 MA's), (94, 6519), (110, 6561), (136, 6633), (145, 6654), (147, 6657), (164, 6690), (177, 6735), (193, 6786), (197, 6801), (204, 6816),

Gene: GiKK_13 Start: 7246, Stop: 7584, Start Num: 73

Candidate Starts for GiKK_13:

(39, 7156), (40, 7159), (43, 7165), (Start: 73 @7246 has 62 MA's), (170, 7465), (171, 7468), (200, 7564),

Gene: Gibbous_10 Start: 7070, Stop: 7417, Start Num: 73

Candidate Starts for Gibbous_10:

(Start: 73 @7070 has 62 MA's), (145, 7232), (152, 7247), (154, 7250), (180, 7331),

Gene: Gibzilla_10 Start: 6959, Stop: 7303, Start Num: 78

Candidate Starts for Gibzilla_10:

(78, 6959), (112, 7037), (158, 7151),

Gene: GigiOuiOui_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for GigiOuiOui_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: Girafales_9 Start: 6291, Stop: 6620, Start Num: 71

Candidate Starts for Girafales_9:

(Start: 71 @6291 has 242 MA's), (Start: 87 @6315 has 2 MA's), (105, 6354), (115, 6387), (121, 6399), (125, 6420), (131, 6426), (133, 6429), (139, 6447), (156, 6480), (163, 6498), (165, 6504), (168, 6516), (174, 6534), (181, 6543), (190, 6567), (195, 6594), (196, 6597), (204, 6615),

Gene: Girr_8 Start: 6449, Stop: 6778, Start Num: 71

Candidate Starts for Girr_8:

(Start: 71 @6449 has 242 MA's), (Start: 87 @6473 has 2 MA's), (105, 6512), (115, 6545), (121, 6557), (125, 6578), (131, 6584), (133, 6587), (139, 6605), (156, 6638), (163, 6656), (165, 6662), (174, 6692), (181, 6701), (190, 6725), (195, 6752), (196, 6755), (204, 6773),

Gene: GoldHunter_11 Start: 6924, Stop: 7265, Start Num: 73

Candidate Starts for GoldHunter_11:

(Start: 73 @6924 has 62 MA's), (79, 6933), (110, 6993), (145, 7086), (183, 7188),

Gene: Gorge_8 Start: 6432, Stop: 6761, Start Num: 71

Candidate Starts for Gorge_8:

(7, 6162), (35, 6339), (Start: 71 @6432 has 242 MA's), (Start: 87 @6456 has 2 MA's), (105, 6495), (115, 6528), (121, 6540), (125, 6561), (131, 6567), (133, 6570), (139, 6588), (156, 6621), (163, 6639), (165, 6645), (168, 6657), (174, 6675), (181, 6684), (190, 6708), (195, 6735), (196, 6738), (204, 6756),

Gene: GrimEater_10 Start: 6187, Stop: 6525, Start Num: 80

Candidate Starts for GrimEater_10:

(Start: 80 @6187 has 2 MA's), (113, 6265), (138, 6334), (148, 6352), (165, 6388),

Gene: Grimmer_9 Start: 7098, Stop: 7427, Start Num: 71

Candidate Starts for Grimmer_9:

(7, 6828), (35, 7005), (Start: 71 @7098 has 242 MA's), (Start: 87 @7122 has 2 MA's), (105, 7161), (115, 7194), (121, 7206), (131, 7233), (133, 7236), (139, 7254), (156, 7287), (163, 7305), (165, 7311), (174, 7341), (181, 7350), (190, 7374), (195, 7401), (196, 7404), (204, 7422),

Gene: Guppsters_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Guppsters_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Gustav_8 Start: 6587, Stop: 6892, Start Num: 95

Candidate Starts for Gustav_8:

(9, 6296), (12, 6311), (15, 6347), (56, 6521), (Start: 95 @6587 has 7 MA's), (100, 6596), (120, 6668), (123, 6680), (140, 6734), (180, 6809), (183, 6818),

Gene: Hades_8 Start: 6446, Stop: 6775, Start Num: 71

Candidate Starts for Hades_8:

(7, 6176), (35, 6353), (Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (105, 6509), (115, 6542), (125, 6575), (131, 6581), (133, 6584), (139, 6602), (156, 6635), (163, 6653), (165, 6659), (174, 6689), (181, 6698), (190, 6722), (195, 6749), (196, 6752), (204, 6770),

Gene: Hamulus_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for Hamulus_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (156, 6636), (158, 6642), (163, 6654), (165, 6660), (174, 6690), (190, 6723),

Gene: Harley_8 Start: 6433, Stop: 6762, Start Num: 71

Candidate Starts for Harley_8:

(35, 6340), (Start: 71 @6433 has 242 MA's), (Start: 87 @6457 has 2 MA's), (105, 6496), (115, 6529), (121, 6541), (125, 6562), (131, 6568), (133, 6571), (139, 6589), (156, 6622), (163, 6640), (165, 6646), (168, 6658), (174, 6676), (181, 6685), (190, 6709), (195, 6736), (196, 6739), (204, 6757),

Gene: Hegedechwinu_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Hegedechwinu_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (105, 6358), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: Hereford_11 Start: 8285, Stop: 8617, Start Num: 77

Candidate Starts for Hereford_11:

(1, 7853), (Start: 77 @8285 has 15 MA's), (Start: 84 @8294 has 7 MA's),

Gene: Hexbug_12 Start: 7932, Stop: 8270, Start Num: 73

Candidate Starts for Hexbug_12:

(40, 7848), (Start: 73 @7932 has 62 MA's), (120, 8031), (170, 8151), (171, 8154), (197, 8244), (200, 8250),

Gene: HippoPololi_12 Start: 7722, Stop: 8069, Start Num: 73

Candidate Starts for HippoPololi_12:

(47, 7668), (Start: 73 @7722 has 62 MA's), (145, 7884), (152, 7899), (176, 7974), (180, 7983),

Gene: Hlubikazi_8 Start: 6433, Stop: 6762, Start Num: 71

Candidate Starts for Hlubikazi_8:

(7, 6163), (35, 6340), (Start: 71 @6433 has 242 MA's), (Start: 87 @6457 has 2 MA's), (105, 6496), (115, 6529), (121, 6541), (125, 6562), (131, 6568), (133, 6571), (139, 6589), (156, 6622), (163, 6640), (165, 6646), (174, 6676), (181, 6685), (190, 6709), (195, 6736), (196, 6739), (204, 6757),

Gene: Holliday_10 Start: 6485, Stop: 6832, Start Num: 67

Candidate Starts for Holliday_10:

(54, 6449), (Start: 67 @6485 has 20 MA's), (94, 6524), (145, 6659), (147, 6662), (164, 6695), (177, 6740), (193, 6791), (197, 6806), (204, 6821),

Gene: Horseradish_11 Start: 6805, Stop: 7146, Start Num: 73

Candidate Starts for Horseradish_11:

(Start: 73 @6805 has 62 MA's), (125, 6928), (183, 7069), (197, 7120), (200, 7126),

Gene: Horus_10 Start: 6480, Stop: 6827, Start Num: 67

Candidate Starts for Horus_10:

(54, 6444), (Start: 67 @6480 has 20 MA's), (94, 6519), (110, 6561), (136, 6633), (145, 6654), (147, 6657), (164, 6690), (172, 6717), (177, 6735), (193, 6786), (197, 6801), (200, 6807), (204, 6816),

Gene: IMpilo_8 Start: 6434, Stop: 6766, Start Num: 71

Candidate Starts for IMpilo_8:

(Start: 71 @6434 has 242 MA's), (Start: 87 @6458 has 2 MA's), (99, 6476), (111, 6515), (117, 6536), (123, 6551), (131, 6569), (137, 6587), (150, 6611), (156, 6623), (158, 6629), (163, 6641), (165, 6647), (174, 6677), (190, 6710),

Gene: lbOuu_8 Start: 6442, Stop: 6771, Start Num: 71

Candidate Starts for lbOuu_8:

(7, 6172), (35, 6349), (Start: 71 @6442 has 242 MA's), (Start: 87 @6466 has 2 MA's), (105, 6505), (115, 6538), (121, 6550), (125, 6571), (131, 6577), (133, 6580), (139, 6598), (156, 6631), (163, 6649), (165, 6655), (168, 6667), (174, 6685), (181, 6694), (190, 6718), (195, 6745), (196, 6748), (204, 6766),

Gene: Ibantik_73 Start: 34657, Stop: 34986, Start Num: 82

Candidate Starts for Ibantik_73:

(Start: 82 @34657 has 1 MA's), (115, 34744), (136, 34795), (166, 34858), (180, 34906),

Gene: Ibhubesi_8 Start: 6433, Stop: 6762, Start Num: 71

Candidate Starts for Ibhubesi_8:

(35, 6340), (Start: 71 @6433 has 242 MA's), (Start: 87 @6457 has 2 MA's), (105, 6496), (115, 6529), (121, 6541), (125, 6562), (131, 6568), (133, 6571), (139, 6589), (156, 6622), (163, 6640), (165, 6646), (168, 6658), (174, 6676), (181, 6685), (190, 6709), (195, 6736), (196, 6739), (204, 6757),

Gene: IdentityCrisis_9 Start: 7458, Stop: 7778, Start Num: 106

Candidate Starts for IdentityCrisis_9:

(4, 7023), (10, 7134), (30, 7275), (32, 7284), (38, 7305), (58, 7362), (91, 7422), (Start: 106 @7458 has 1 MA's), (118, 7503), (141, 7584), (163, 7626), (184, 7698), (197, 7743), (198, 7746), (207, 7773),

Gene: InLimbo_10 Start: 5950, Stop: 6303, Start Num: 65

Candidate Starts for InLimbo_10:

(22, 5809), (53, 5917), (65, 5950), (Start: 72 @5962 has 33 MA's), (114, 6055), (147, 6130), (152, 6142), (165, 6169), (170, 6187), (203, 6289), (204, 6292),

Gene: Inventum_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Inventum_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: IrishSherpFalk_8 Start: 6434, Stop: 6766, Start Num: 71

Candidate Starts for IrishSherpFalk_8:

(Start: 71 @6434 has 242 MA's), (86, 6455), (Start: 87 @6458 has 2 MA's), (105, 6497), (117, 6536), (131, 6569), (133, 6572), (146, 6605), (150, 6611), (163, 6641), (165, 6647), (174, 6677), (190, 6710), (195, 6737), (200, 6749), (204, 6758),

Gene: Jabbawokkie_11 Start: 6961, Stop: 7314, Start Num: 72

Candidate Starts for Jabbawokkie_11:

(51, 6910), (53, 6916), (Start: 72 @6961 has 33 MA's), (91, 6991), (111, 7042), (147, 7147), (156, 7165), (169, 7198), (197, 7288),

Gene: Jablanski_10 Start: 7331, Stop: 7678, Start Num: 72

Candidate Starts for Jablanski_10:

(Start: 72 @7331 has 33 MA's), (121, 7439), (135, 7484), (176, 7586), (200, 7658),

Gene: JacoRen57_9 Start: 7271, Stop: 7642, Start Num: 64

Candidate Starts for JacoRen57_9:

(28, 7157), (50, 7232), (Start: 64 @7271 has 3 MA's), (154, 7481), (156, 7484), (176, 7541), (204, 7625), (206, 7634),

Gene: JalFarm20_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for JalFarm20_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (150, 6473), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: James_8 Start: 6435, Stop: 6764, Start Num: 71

Candidate Starts for James_8:

(7, 6165), (35, 6342), (Start: 71 @6435 has 242 MA's), (Start: 87 @6459 has 2 MA's), (105, 6498), (115, 6531), (121, 6543), (125, 6564), (131, 6570), (133, 6573), (139, 6591), (156, 6624), (163, 6642), (165, 6648), (174, 6678), (181, 6687), (190, 6711), (195, 6738), (196, 6741), (204, 6759),

Gene: Jamzy_13 Start: 7256, Stop: 7594, Start Num: 73

Candidate Starts for Jamzy_13:

(40, 7169), (43, 7175), (Start: 73 @7256 has 62 MA's), (154, 7436), (161, 7451), (170, 7475), (172, 7481), (200, 7574),

Gene: JanetJ_10 Start: 7922, Stop: 8254, Start Num: 77

Candidate Starts for JanetJ_10:

(Start: 77 @7922 has 15 MA's), (Start: 84 @7931 has 7 MA's),

Gene: Jant_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Jant_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Jacob_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for Jacob_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (193, 6738), (195, 6747), (196, 6750), (204, 6768),

Gene: JeanClaude_9 Start: 6908, Stop: 7240, Start Num: 77

Candidate Starts for JeanClaude_9:

(Start: 77 @6908 has 15 MA's), (Start: 84 @6917 has 7 MA's), (112, 6986), (165, 7130), (180, 7157), (204, 7229),

Gene: Jennelsea_8 Start: 6431, Stop: 6760, Start Num: 71

Candidate Starts for Jennelsea_8:

(7, 6161), (35, 6338), (Start: 71 @6431 has 242 MA's), (Start: 87 @6455 has 2 MA's), (105, 6494), (115, 6527), (121, 6539), (125, 6560), (131, 6566), (133, 6569), (139, 6587), (156, 6620), (163, 6638), (165, 6644), (168, 6656), (174, 6674), (181, 6683), (190, 6707), (195, 6734), (196, 6737), (204, 6755),

Gene: Jinglebell_8 Start: 6442, Stop: 6771, Start Num: 71

Candidate Starts for Jinglebell_8:

(7, 6172), (35, 6349), (Start: 71 @6442 has 242 MA's), (Start: 87 @6466 has 2 MA's), (105, 6505), (115, 6538), (121, 6550), (125, 6571), (131, 6577), (133, 6580), (139, 6598), (156, 6631), (163, 6649), (165, 6655), (174, 6685), (181, 6694), (190, 6718), (195, 6745), (196, 6748), (204, 6766),

Gene: Job42_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Job42_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539),

(181, 6548), (183, 6554), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: JoeyJr_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for JoeyJr_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Juice456_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for Juice456_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: Juniper1_8 Start: 6435, Stop: 6764, Start Num: 71

Candidate Starts for Juniper1_8:

(Start: 71 @6435 has 242 MA's), (Start: 87 @6459 has 2 MA's), (105, 6498), (115, 6531), (121, 6543), (125, 6564), (131, 6570), (133, 6573), (139, 6591), (150, 6612), (156, 6624), (163, 6642), (165, 6648), (174, 6678), (181, 6687), (190, 6711), (195, 6738), (196, 6741), (204, 6759),

Gene: Kamaru_10 Start: 6485, Stop: 6832, Start Num: 67

Candidate Starts for Kamaru_10:

(54, 6449), (Start: 67 @6485 has 20 MA's), (94, 6524), (145, 6659), (147, 6662), (164, 6695), (177, 6740), (193, 6791), (197, 6806), (204, 6821),

Gene: Karhdo_8 Start: 6447, Stop: 6776, Start Num: 71

Candidate Starts for Karhdo_8:

(7, 6177), (35, 6354), (Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (105, 6510), (115, 6543), (121, 6555), (125, 6576), (131, 6582), (133, 6585), (139, 6603), (150, 6624), (156, 6636), (163, 6654), (165, 6660), (174, 6690), (181, 6699), (190, 6723), (195, 6750), (196, 6753), (204, 6771),

Gene: KayGee_10 Start: 6701, Stop: 7042, Start Num: 73

Candidate Starts for KayGee_10:

(Start: 73 @6701 has 62 MA's), (99, 6737), (143, 6860), (200, 7022),

Gene: Keiki_8 Start: 6106, Stop: 6453, Start Num: 75

Candidate Starts for Keiki_8:

(37, 6010), (46, 6043), (Start: 75 @6106 has 46 MA's), (96, 6136), (98, 6139), (120, 6211), (123, 6223), (153, 6295), (162, 6316), (176, 6358), (187, 6382), (188, 6385), (191, 6400), (202, 6433),

Gene: Kenna_10 Start: 6480, Stop: 6827, Start Num: 67

Candidate Starts for Kenna_10:

(54, 6444), (Start: 67 @6480 has 20 MA's), (94, 6519), (110, 6561), (145, 6654), (147, 6657), (164, 6690), (177, 6735), (197, 6801), (204, 6816),

Gene: Kenuha5_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Kenuha5_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Kersh_8 Start: 6436, Stop: 6765, Start Num: 71

Candidate Starts for Kersh_8:

(7, 6166), (35, 6343), (Start: 71 @6436 has 242 MA's), (Start: 87 @6460 has 2 MA's), (105, 6499), (115, 6532), (121, 6544), (125, 6565), (131, 6571), (133, 6574), (139, 6592), (150, 6613), (156, 6625), (163, 6643), (165, 6649), (168, 6661), (174, 6679), (181, 6688), (190, 6712), (195, 6739), (196, 6742), (204, 6760),

Gene: Khuang_8 Start: 6379, Stop: 6729, Start Num: 88

Candidate Starts for Khuang_8:

(13, 6124), (Start: 81 @6367 has 4 MA's), (Start: 88 @6379 has 2 MA's), (103, 6406), (109, 6427), (127, 6502), (157, 6568), (166, 6592), (180, 6643), (185, 6658), (186, 6661), (205, 6721),

Gene: Kimberlium_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for Kimberlium_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: KingJulian_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for KingJulian_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (158, 6642), (163, 6654), (165, 6660), (174, 6690), (190, 6723),

Gene: KingMidas_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for KingMidas_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Kingsley_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Kingsley_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: Koella_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Koella_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Krakatau_9 Start: 7098, Stop: 7430, Start Num: 71

Candidate Starts for Krakatau_9:

(Start: 71 @7098 has 242 MA's), (Start: 87 @7122 has 2 MA's), (99, 7140), (111, 7179), (117, 7200), (123, 7215), (131, 7233), (137, 7251), (150, 7275), (158, 7293), (163, 7305), (165, 7311), (174, 7341), (190, 7374),

Gene: KristaRAM_9 Start: 7094, Stop: 7426, Start Num: 71

Candidate Starts for KristaRAM_9:

(Start: 71 @7094 has 242 MA's), (Start: 87 @7118 has 2 MA's), (99, 7136), (111, 7175), (117, 7196), (123, 7211), (131, 7229), (137, 7247), (150, 7271), (156, 7283), (158, 7289), (163, 7301), (165, 7307), (174, 7337), (190, 7370),

Gene: Kubed_8 Start: 6096, Stop: 6443, Start Num: 75

Candidate Starts for Kubed_8:

(36, 5997), (46, 6033), (Start: 75 @6096 has 46 MA's), (96, 6126), (98, 6129), (110, 6171), (120, 6201), (123, 6213), (153, 6285), (176, 6348), (187, 6372), (188, 6375), (191, 6390), (202, 6423),

Gene: Kumotta_10 Start: 7839, Stop: 8171, Start Num: 77

Candidate Starts for Kumotta_10:

(Start: 77 @7839 has 15 MA's), (Start: 84 @7848 has 7 MA's), (90, 7860), (92, 7863), (138, 8004), (145, 8019), (166, 8064), (180, 8088), (200, 8151), (204, 8160),

Gene: Kuwabara_10 Start: 6791, Stop: 7132, Start Num: 72

Candidate Starts for Kuwabara_10:

(44, 6716), (57, 6758), (Start: 72 @6791 has 33 MA's), (Start: 87 @6812 has 2 MA's), (104, 6842), (145, 6956), (147, 6959), (150, 6965), (165, 6998), (180, 7043), (196, 7103), (200, 7112), (203, 7118), (204, 7121),

Gene: LastJedi_8 Start: 6435, Stop: 6764, Start Num: 71

Candidate Starts for LastJedi_8:

(7, 6165), (35, 6342), (Start: 71 @6435 has 242 MA's), (Start: 87 @6459 has 2 MA's), (105, 6498), (115, 6531), (121, 6543), (125, 6564), (131, 6570), (133, 6573), (139, 6591), (156, 6624), (163, 6642), (165, 6648), (174, 6678), (181, 6687), (190, 6711), (195, 6738), (196, 6741), (204, 6759),

Gene: LastNadiia_14 Start: 9421, Stop: 9753, Start Num: 84

Candidate Starts for LastNadiia_14:

(Start: 84 @9421 has 7 MA's),

Gene: Latretium_8 Start: 6432, Stop: 6761, Start Num: 71

Candidate Starts for Latretium_8:

(Start: 71 @6432 has 242 MA's), (Start: 87 @6456 has 2 MA's), (105, 6495), (115, 6528), (121, 6540), (125, 6561), (131, 6567), (133, 6570), (139, 6588), (156, 6621), (163, 6639), (165, 6645), (174, 6675), (181, 6684), (190, 6708), (195, 6735), (196, 6738), (204, 6756),

Gene: Lauchelly_8 Start: 6091, Stop: 6438, Start Num: 75

Candidate Starts for Lauchelly_8:

(21, 5935), (27, 5947), (37, 5995), (46, 6028), (62, 6067), (Start: 75 @6091 has 46 MA's), (96, 6121), (98, 6124), (120, 6196), (123, 6208), (176, 6343), (187, 6367), (188, 6370), (191, 6385), (202, 6418),

Gene: Lauer_9 Start: 6750, Stop: 7091, Start Num: 73

Candidate Starts for Lauer_9:

(Start: 73 @6750 has 62 MA's), (99, 6786), (143, 6909), (151, 6924),

Gene: Leozinho_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Leozinho_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Leperchaun_8 Start: 6432, Stop: 6761, Start Num: 71

Candidate Starts for Leperchaun_8:

(7, 6162), (35, 6339), (Start: 71 @6432 has 242 MA's), (Start: 87 @6456 has 2 MA's), (105, 6495), (115, 6528), (121, 6540), (125, 6561), (131, 6567), (133, 6570), (139, 6588), (156, 6621), (163, 6639), (165, 6645), (168, 6657), (174, 6675), (181, 6684), (190, 6708), (195, 6735), (196, 6738), (204, 6756),

Gene: Leroy_10 Start: 6481, Stop: 6828, Start Num: 67

Candidate Starts for Leroy_10:

(54, 6445), (Start: 67 @6481 has 20 MA's), (94, 6520), (110, 6562), (136, 6634), (145, 6655), (147, 6658), (164, 6691), (172, 6718), (177, 6736), (193, 6787), (197, 6802), (200, 6808), (204, 6817),

Gene: Leviosa_8 Start: 6112, Stop: 6459, Start Num: 75

Candidate Starts for Leviosa_8:

(21, 5956), (27, 5968), (37, 6016), (46, 6049), (62, 6088), (Start: 75 @6112 has 46 MA's), (96, 6142), (98, 6145), (108, 6175), (110, 6187), (120, 6217), (123, 6229), (124, 6235), (153, 6301), (162, 6322), (176, 6364), (187, 6388), (188, 6391), (191, 6406), (202, 6439),

Gene: LilBandit_8 Start: 6096, Stop: 6443, Start Num: 75

Candidate Starts for LilBandit_8:

(46, 6033), (Start: 75 @6096 has 46 MA's), (96, 6126), (98, 6129), (110, 6171), (120, 6201), (123, 6213), (153, 6285), (162, 6306), (176, 6348), (188, 6375), (191, 6390), (202, 6423),

Gene: LilMoolah_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for LilMoolah_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (195, 6747), (196, 6750), (204, 6768),

Gene: LilSpotty_9 Start: 6468, Stop: 6830, Start Num: 71

Candidate Starts for LilSpotty_9:

(Start: 71 @6468 has 242 MA's), (97, 6504), (110, 6543), (117, 6570), (121, 6576), (126, 6597), (131, 6600), (152, 6648), (160, 6669), (163, 6672), (165, 6678), (172, 6702), (182, 6750), (197, 6804), (204, 6819),

Gene: Lilas_10 Start: 7484, Stop: 7831, Start Num: 72

Candidate Starts for Lilas_10:

(Start: 72 @7484 has 33 MA's), (121, 7592), (176, 7739), (200, 7811),

Gene: LisoBros_9 Start: 6471, Stop: 6812, Start Num: 81

Candidate Starts for LisoBros_9:

(Start: 81 @6471 has 4 MA's), (104, 6513), (112, 6546), (119, 6573), (148, 6636), (152, 6642), (165, 6672), (184, 6738), (197, 6786), (204, 6801),

Gene: LitninMcQueen_10 Start: 6485, Stop: 6832, Start Num: 67

Candidate Starts for LitninMcQueen_10:

(54, 6449), (Start: 67 @6485 has 20 MA's), (94, 6524), (145, 6659), (147, 6662), (164, 6695), (177, 6740), (193, 6791), (197, 6806), (204, 6821),

Gene: LittleShirley_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for LittleShirley_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: Lizziana_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for Lizziana_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (121, 6553), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (193, 6739), (195, 6748), (196, 6751), (204, 6769),

Gene: Llama_8 Start: 6442, Stop: 6771, Start Num: 71

Candidate Starts for Llama_8:

(7, 6172), (35, 6349), (Start: 71 @6442 has 242 MA's), (Start: 87 @6466 has 2 MA's), (105, 6505), (115, 6538), (121, 6550), (125, 6571), (131, 6577), (133, 6580), (139, 6598), (156, 6631), (163, 6649), (165, 6655), (174, 6685), (181, 6694), (190, 6718), (195, 6745), (196, 6748), (204, 6766),

Gene: Llij_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for Llij_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: LonelyBoi_10 Start: 7331, Stop: 7678, Start Num: 72

Candidate Starts for LonelyBoi_10:

(Start: 72 @7331 has 33 MA's), (121, 7439), (176, 7586), (200, 7658),

Gene: LongHai_13 Start: 8524, Stop: 8898, Start Num: 64

Candidate Starts for LongHai_13:

(Start: 64 @8524 has 3 MA's), (Start: 87 @8563 has 2 MA's), (115, 8635), (154, 8731), (196, 8863), (201, 8875),

Gene: LordVader_10 Start: 6291, Stop: 6620, Start Num: 71

Candidate Starts for LordVader_10:

(Start: 71 @6291 has 242 MA's), (Start: 87 @6315 has 2 MA's), (105, 6354), (115, 6387), (125, 6420), (133, 6429), (139, 6447), (156, 6480), (163, 6498), (165, 6504), (168, 6516), (174, 6534), (181, 6543), (190, 6567), (195, 6594), (196, 6597), (204, 6615),

Gene: Lorde_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Lorde_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Lucia_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Lucia_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Lucky10_9 Start: 6000, Stop: 6341, Start Num: 72

Candidate Starts for Lucky10_9:

(65, 5988), (Start: 72 @6000 has 33 MA's), (114, 6093), (125, 6126), (147, 6168), (152, 6180), (165, 6207), (170, 6225), (171, 6228), (203, 6327), (204, 6330),

Gene: LunaBlu_8 Start: 6420, Stop: 6752, Start Num: 71

Candidate Starts for LunaBlu_8:

(Start: 71 @6420 has 242 MA's), (Start: 87 @6444 has 2 MA's), (99, 6462), (111, 6501), (117, 6522), (131, 6555), (137, 6573), (150, 6597), (156, 6609), (158, 6615), (163, 6627), (165, 6633), (174, 6663), (190, 6696),

Gene: LunaStella_9 Start: 6903, Stop: 7235, Start Num: 71

Candidate Starts for LunaStella_9:

(Start: 71 @6903 has 242 MA's), (Start: 87 @6927 has 2 MA's), (111, 6987), (117, 7008), (121, 7014), (144, 7074), (150, 7083), (152, 7089), (157, 7095), (181, 7155), (182, 7158), (200, 7218), (204, 7227),

Gene: Lutum_10 Start: 6480, Stop: 6827, Start Num: 67

Candidate Starts for Lutum_10:

(54, 6444), (Start: 67 @6480 has 20 MA's), (94, 6519), (110, 6561), (145, 6654), (147, 6657), (164, 6690), (177, 6735), (197, 6801), (204, 6816),

Gene: MAnor_10 Start: 6691, Stop: 7032, Start Num: 73

Candidate Starts for MAnor_10:

(Start: 73 @6691 has 62 MA's), (99, 6727), (143, 6850), (151, 6865), (171, 6913), (200, 7012),

Gene: MEAK_8 Start: 6098, Stop: 6445, Start Num: 75

Candidate Starts for MEAK_8:

(46, 6035), (62, 6074), (Start: 75 @6098 has 46 MA's), (96, 6128), (98, 6131), (120, 6203), (123, 6215), (153, 6287), (162, 6308), (176, 6350), (188, 6377), (191, 6392), (202, 6425),

Gene: MScarn_12 Start: 6901, Stop: 7242, Start Num: 73

Candidate Starts for MScarn_12:

(Start: 73 @6901 has 62 MA's), (125, 7024), (183, 7165), (197, 7216), (200, 7222),

Gene: MaVan_12 Start: 7820, Stop: 8170, Start Num: 73

Candidate Starts for MaVan_12:

(47, 7760), (61, 7796), (Start: 73 @7820 has 62 MA's), (Start: 87 @7838 has 2 MA's), (102, 7862), (110, 7889), (145, 7985), (152, 8000), (165, 8030), (180, 8084), (196, 8141),

Gene: Maco6_10 Start: 7480, Stop: 7854, Start Num: 64

Candidate Starts for Maco6_10:

(Start: 64 @7480 has 3 MA's), (115, 7591), (154, 7687), (201, 7831),

Gene: MadMen_8 Start: 6459, Stop: 6788, Start Num: 71

Candidate Starts for MadMen_8:

(7, 6189), (35, 6366), (Start: 71 @6459 has 242 MA's), (Start: 87 @6483 has 2 MA's), (105, 6522), (115, 6555), (121, 6567), (125, 6588), (131, 6594), (133, 6597), (139, 6615), (156, 6648), (163, 6666), (165, 6672), (168, 6684), (174, 6702), (181, 6711), (190, 6735), (195, 6762), (196, 6765), (204, 6783),

Gene: Madiba_9 Start: 6294, Stop: 6623, Start Num: 71

Candidate Starts for Madiba_9:

(Start: 71 @6294 has 242 MA's), (Start: 87 @6318 has 2 MA's), (105, 6357), (115, 6390), (121, 6402), (125, 6423), (131, 6429), (133, 6432), (139, 6450), (156, 6483), (163, 6501), (165, 6507), (168, 6519), (174, 6537), (181, 6546), (190, 6570), (195, 6597), (196, 6600), (204, 6618),

Gene: Mahavrat_8 Start: 6432, Stop: 6761, Start Num: 71

Candidate Starts for Mahavrat_8:

(7, 6162), (35, 6339), (Start: 71 @6432 has 242 MA's), (Start: 87 @6456 has 2 MA's), (105, 6495), (115, 6528), (121, 6540), (125, 6561), (131, 6567), (133, 6570), (139, 6588), (156, 6621), (163, 6639), (165, 6645), (168, 6657), (174, 6675), (181, 6684), (190, 6708), (195, 6735), (196, 6738), (204, 6756),

Gene: Mahdia_8 Start: 6589, Stop: 6891, Start Num: 95

Candidate Starts for Mahdia_8:

(Start: 95 @6589 has 7 MA's), (100, 6598), (120, 6667), (123, 6679), (140, 6733), (149, 6745), (180, 6808), (183, 6817), (194, 6853),

Gene: Maja_9 Start: 7424, Stop: 7792, Start Num: 77

Candidate Starts for Maja_9:

(Start: 77 @7424 has 15 MA's), (Start: 84 @7433 has 7 MA's), (145, 7607), (148, 7610), (165, 7649), (166, 7652), (175, 7685), (180, 7709), (200, 7772), (204, 7781),

Gene: Makima_12 Start: 8520, Stop: 8837, Start Num: 84

Candidate Starts for Makima_12:

(Start: 84 @8520 has 7 MA's), (180, 8769),

Gene: Malisha_10 Start: 7530, Stop: 7877, Start Num: 67

Candidate Starts for Malisha_10:

(17, 7341), (26, 7398), (27, 7401), (46, 7479), (54, 7494), (55, 7497), (Start: 67 @7530 has 20 MA's), (94, 7569), (110, 7611), (121, 7644), (145, 7704), (147, 7707), (164, 7740), (177, 7785), (204, 7866),

Gene: Malvina_12 Start: 7725, Stop: 8072, Start Num: 73

Candidate Starts for Malvina_12:

(47, 7671), (Start: 73 @7725 has 62 MA's), (145, 7887), (152, 7902), (176, 7977), (180, 7986),

Gene: Mandlovu_8 Start: 6433, Stop: 6762, Start Num: 71

Candidate Starts for Mandlovu_8:

(7, 6163), (35, 6340), (Start: 71 @6433 has 242 MA's), (Start: 87 @6457 has 2 MA's), (105, 6496), (115, 6529), (121, 6541), (125, 6562), (131, 6568), (133, 6571), (139, 6589), (156, 6622), (163, 6640), (165, 6646), (174, 6676), (181, 6685), (190, 6709), (195, 6736), (196, 6739), (204, 6757),

Gene: Mantra_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for Mantra_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: Maravista_8 Start: 6433, Stop: 6762, Start Num: 71

Candidate Starts for Maravista_8:

(7, 6163), (35, 6340), (Start: 71 @6433 has 242 MA's), (Start: 87 @6457 has 2 MA's), (105, 6496), (115, 6529), (121, 6541), (125, 6562), (131, 6568), (133, 6571), (139, 6589), (156, 6622), (163, 6640), (165, 6646), (168, 6658), (174, 6676), (181, 6685), (190, 6709), (193, 6727), (195, 6736), (196, 6739), (204, 6757),

Gene: Margaret_13 Start: 7641, Stop: 7979, Start Num: 73

Candidate Starts for Margaret_13:

(39, 7551), (40, 7554), (43, 7560), (Start: 73 @7641 has 62 MA's), (99, 7677), (120, 7740), (170, 7860), (200, 7959),

Gene: MargaretKali_10 Start: 7474, Stop: 7806, Start Num: 77

Candidate Starts for MargaretKali_10:

(Start: 77 @7474 has 15 MA's), (Start: 84 @7483 has 7 MA's), (90, 7495), (138, 7639), (145, 7654), (158, 7678), (166, 7699), (200, 7786), (204, 7795),

Gene: Marker_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Marker_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (105, 6358), (115, 6391), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: Marteena_10 Start: 7484, Stop: 7831, Start Num: 72

Candidate Starts for Marteena_10:

(Start: 72 @7484 has 33 MA's), (121, 7592), (176, 7739), (200, 7811),

Gene: Martik_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for Martik_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (121, 6553), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (193, 6739), (195, 6748), (196, 6751), (204, 6769),

Gene: Mattes_8 Start: 6435, Stop: 6764, Start Num: 71

Candidate Starts for Mattes_8:

(7, 6165), (35, 6342), (Start: 71 @6435 has 242 MA's), (Start: 87 @6459 has 2 MA's), (105, 6498), (115, 6531), (121, 6543), (125, 6564), (131, 6570), (133, 6573), (139, 6591), (156, 6624), (163, 6642), (165, 6648), (174, 6678), (181, 6687), (190, 6711), (195, 6738), (196, 6741), (204, 6759),

Gene: Mayweather_11 Start: 7324, Stop: 7665, Start Num: 73

Candidate Starts for Mayweather_11:

(Start: 73 @7324 has 62 MA's), (99, 7360), (143, 7483), (151, 7498), (171, 7546), (200, 7645),

Gene: McDazzle_9 Start: 7166, Stop: 7507, Start Num: 73

Candidate Starts for McDazzle_9:

(Start: 73 @7166 has 62 MA's), (99, 7202), (143, 7325), (151, 7340), (171, 7388), (200, 7487),

Gene: Medindi_8 Start: 6435, Stop: 6767, Start Num: 71

Candidate Starts for Medindi_8:

(Start: 71 @6435 has 242 MA's), (Start: 87 @6459 has 2 MA's), (99, 6477), (111, 6516), (117, 6537), (123, 6552), (131, 6570), (137, 6588), (150, 6612), (158, 6630), (163, 6642), (165, 6648), (174, 6678), (190, 6711),

Gene: Melissauren88_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Melissauren88_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: MilanaBonita_9 Start: 7094, Stop: 7426, Start Num: 71

Candidate Starts for MilanaBonita_9:

(Start: 71 @7094 has 242 MA's), (Start: 87 @7118 has 2 MA's), (99, 7136), (111, 7175), (117, 7196), (123, 7211), (131, 7229), (137, 7247), (150, 7271), (156, 7283), (158, 7289), (163, 7301), (165, 7307), (174, 7337), (190, 7370),

Gene: MilleniumForce_9 Start: 7094, Stop: 7426, Start Num: 71

Candidate Starts for MilleniumForce_9:

(Start: 71 @7094 has 242 MA's), (Start: 87 @7118 has 2 MA's), (99, 7136), (111, 7175), (117, 7196), (123, 7211), (131, 7229), (137, 7247), (150, 7271), (156, 7283), (158, 7289), (163, 7301), (165, 7307), (174, 7337), (190, 7370),

Gene: MinionDave_9 Start: 7094, Stop: 7426, Start Num: 71

Candidate Starts for MinionDave_9:

(Start: 71 @7094 has 242 MA's), (Start: 87 @7118 has 2 MA's), (99, 7136), (111, 7175), (117, 7196), (123, 7211), (131, 7229), (137, 7247), (150, 7271), (158, 7289), (163, 7301), (165, 7307), (174, 7337),

(190, 7370),

Gene: Minnie_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for Minnie_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: Mireles_11 Start: 6916, Stop: 7233, Start Num: 84

Candidate Starts for Mireles_11:

(74, 6901), (Start: 84 @6916 has 7 MA's), (180, 7165),

Gene: Misha28_9 Start: 6299, Stop: 6628, Start Num: 71

Candidate Starts for Misha28_9:

(Start: 71 @6299 has 242 MA's), (Start: 87 @6323 has 2 MA's), (105, 6362), (115, 6395), (121, 6407), (125, 6428), (131, 6434), (133, 6437), (139, 6455), (150, 6476), (156, 6488), (163, 6506), (165, 6512), (168, 6524), (174, 6542), (181, 6551), (190, 6575), (195, 6602), (196, 6605), (204, 6623),

Gene: MisterCuddles_8 Start: 6449, Stop: 6778, Start Num: 71

Candidate Starts for MisterCuddles_8:

(Start: 71 @6449 has 242 MA's), (Start: 87 @6473 has 2 MA's), (105, 6512), (115, 6545), (121, 6557), (125, 6578), (131, 6584), (133, 6587), (139, 6605), (156, 6638), (163, 6656), (165, 6662), (174, 6692), (181, 6701), (190, 6725), (195, 6752), (196, 6755), (204, 6773),

Gene: Modragons_8 Start: 6442, Stop: 6771, Start Num: 71

Candidate Starts for Modragons_8:

(7, 6172), (35, 6349), (Start: 71 @6442 has 242 MA's), (Start: 87 @6466 has 2 MA's), (105, 6505), (115, 6538), (121, 6550), (125, 6571), (131, 6577), (133, 6580), (139, 6598), (156, 6631), (163, 6649), (165, 6655), (174, 6685), (181, 6694), (190, 6718), (195, 6745), (196, 6748), (204, 6766),

Gene: Moonbeam_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for Moonbeam_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (195, 6748), (196, 6751), (204, 6769),

Gene: Morkie_9 Start: 5962, Stop: 6303, Start Num: 72

Candidate Starts for Morkie_9:

(22, 5809), (53, 5917), (65, 5950), (Start: 72 @5962 has 33 MA's), (114, 6055), (147, 6130), (152, 6142), (165, 6169), (170, 6187), (203, 6289), (204, 6292),

Gene: Morrey_15 Start: 8142, Stop: 8474, Start Num: 77

Candidate Starts for Morrey_15:

(Start: 77 @8142 has 15 MA's), (Start: 84 @8151 has 7 MA's),

Gene: Morrissey_8 Start: 6562, Stop: 6867, Start Num: 95

Candidate Starts for Morrissey_8:

(56, 6496), (Start: 95 @6562 has 7 MA's), (100, 6571), (140, 6709), (183, 6793),

Gene: MortyNRick_10 Start: 6791, Stop: 7132, Start Num: 72

Candidate Starts for MortyNRick_10:

(44, 6716), (57, 6758), (Start: 72 @6791 has 33 MA's), (Start: 87 @6812 has 2 MA's), (104, 6842), (145, 6956), (147, 6959), (150, 6965), (156, 6977), (180, 7043), (200, 7112), (203, 7118), (204, 7121),

Gene: Mova_9 Start: 6298, Stop: 6627, Start Num: 71

Candidate Starts for Mova_9:

(Start: 71 @6298 has 242 MA's), (Start: 87 @6322 has 2 MA's), (105, 6361), (115, 6394), (121, 6406), (125, 6427), (131, 6433), (133, 6436), (139, 6454), (150, 6475), (156, 6487), (163, 6505), (165, 6511), (168, 6523), (174, 6541), (181, 6550), (190, 6574), (195, 6601), (196, 6604), (204, 6622),

Gene: Moyashi_8 Start: 6116, Stop: 6463, Start Num: 75

Candidate Starts for Moyashi_8:

(21, 5960), (24, 5966), (26, 5969), (27, 5972), (33, 6011), (37, 6020), (46, 6053), (Start: 75 @6116 has 46 MA's), (96, 6146), (98, 6149), (110, 6191), (120, 6221), (123, 6233), (153, 6305), (162, 6326), (176, 6368), (188, 6395), (191, 6410), (202, 6443),

Gene: Mozy_9 Start: 6294, Stop: 6626, Start Num: 71

Candidate Starts for Mozy_9:

(Start: 71 @6294 has 242 MA's), (Start: 87 @6318 has 2 MA's), (99, 6336), (117, 6396), (123, 6411), (137, 6447), (150, 6471), (156, 6483), (158, 6489), (163, 6501), (165, 6507), (174, 6537), (190, 6570),

Gene: MrAK_8 Start: 6125, Stop: 6472, Start Num: 75

Candidate Starts for MrAK_8:

(46, 6062), (Start: 75 @6125 has 46 MA's), (96, 6155), (98, 6158), (110, 6200), (120, 6230), (123, 6242), (153, 6314), (176, 6377), (188, 6404), (191, 6419), (202, 6452),

Gene: Ms6_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Ms6_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Muddy_12 Start: 8430, Stop: 8804, Start Num: 64

Candidate Starts for Muddy_12:

(Start: 64 @8430 has 3 MA's), (115, 8541), (154, 8637), (201, 8781), (206, 8796),

Gene: MulchExplorer_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for MulchExplorer_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: MulchSalad_8 Start: 6446, Stop: 6775, Start Num: 71

Candidate Starts for MulchSalad_8:

(7, 6176), (35, 6353), (Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (105, 6509), (115, 6542), (121, 6554), (125, 6575), (131, 6581), (133, 6584), (139, 6602), (156, 6635), (163, 6653), (165, 6659), (174, 6689), (181, 6698), (190, 6722), (195, 6749), (196, 6752), (204, 6770),

Gene: MunkgeeRoachy_10 Start: 6971, Stop: 7312, Start Num: 73

Candidate Starts for MunkgeeRoachy_10:

(Start: 73 @6971 has 62 MA's), (79, 6980), (110, 7040), (145, 7133), (172, 7196), (183, 7235),

Gene: Mutaforma13_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Mutaforma13_8:

(Start: 71 @6446 has 242 MA's), (86, 6467), (Start: 87 @6470 has 2 MA's), (105, 6509), (117, 6548), (131, 6581), (133, 6584), (146, 6617), (150, 6623), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

(195, 6749), (200, 6761), (204, 6770),

Gene: Mwanjiwa_8 Start: 6418, Stop: 6747, Start Num: 71

Candidate Starts for Mwanjiwa_8:

(Start: 71 @6418 has 242 MA's), (Start: 87 @6442 has 2 MA's), (105, 6481), (115, 6514), (121, 6526), (125, 6547), (131, 6553), (133, 6556), (139, 6574), (156, 6607), (163, 6625), (165, 6631), (174, 6661), (181, 6670), (190, 6694), (195, 6721), (196, 6724), (204, 6742),

Gene: Nebkiss_7 Start: 7029, Stop: 7367, Start Num: 71

Candidate Starts for Nebkiss_7:

(Start: 71 @7029 has 242 MA's), (86, 7050), (Start: 87 @7053 has 2 MA's), (117, 7131), (121, 7137), (127, 7158), (131, 7161), (134, 7170), (154, 7212), (170, 7257), (181, 7284), (182, 7287), (196, 7338), (204, 7356),

Gene: Neuville_11 Start: 7129, Stop: 7464, Start Num: 81

Candidate Starts for Neuville_11:

(Start: 81 @7129 has 4 MA's), (100, 7159), (180, 7381),

Gene: NewHope4_8 Start: 6420, Stop: 6752, Start Num: 71

Candidate Starts for NewHope4_8:

(Start: 71 @6420 has 242 MA's), (Start: 87 @6444 has 2 MA's), (99, 6462), (111, 6501), (117, 6522), (131, 6555), (137, 6573), (150, 6597), (156, 6609), (158, 6615), (163, 6627), (165, 6633), (174, 6663), (190, 6696),

Gene: Nibbles_12 Start: 7820, Stop: 8170, Start Num: 73

Candidate Starts for Nibbles_12:

(47, 7760), (61, 7796), (Start: 73 @7820 has 62 MA's), (Start: 87 @7838 has 2 MA's), (102, 7862), (110, 7889), (145, 7985), (152, 8000), (165, 8030), (180, 8084), (196, 8141),

Gene: Nichirin_8 Start: 6442, Stop: 6771, Start Num: 71

Candidate Starts for Nichirin_8:

(7, 6172), (35, 6349), (Start: 71 @6442 has 242 MA's), (Start: 87 @6466 has 2 MA's), (105, 6505), (115, 6538), (121, 6550), (125, 6571), (131, 6577), (133, 6580), (139, 6598), (156, 6631), (163, 6649), (165, 6655), (174, 6685), (181, 6694), (190, 6718), (195, 6745), (196, 6748), (204, 6766),

Gene: Nimbo_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Nimbo_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Nina_11 Start: 7957, Stop: 8298, Start Num: 73

Candidate Starts for Nina_11:

(Start: 73 @7957 has 62 MA's), (79, 7966), (110, 8026), (145, 8119), (176, 8203), (183, 8221),

Gene: Nitzel_9 Start: 7096, Stop: 7425, Start Num: 71

Candidate Starts for Nitzel_9:

(7, 6826), (35, 7003), (Start: 71 @7096 has 242 MA's), (Start: 87 @7120 has 2 MA's), (105, 7159), (115, 7192), (125, 7225), (131, 7231), (133, 7234), (139, 7252), (156, 7285), (163, 7303), (165, 7309), (168, 7321), (174, 7339), (181, 7348), (190, 7372), (195, 7399), (196, 7402), (204, 7420),

Gene: Nivrat_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for Nivrat_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (193, 6738), (195, 6747), (196, 6750), (204, 6768),

Gene: NoShow_10 Start: 7573, Stop: 7956, Start Num: 59

Candidate Starts for NoShow_10:

(19, 7408), (31, 7483), (41, 7513), (Start: 59 @7573 has 1 MA's), (79, 7603), (110, 7666), (117, 7693), (145, 7771), (147, 7774), (150, 7780), (154, 7789), (172, 7834), (204, 7933),

Gene: NoSwimming_11 Start: 9047, Stop: 9415, Start Num: 77

Candidate Starts for NoSwimming_11:

(2, 8651), (20, 8879), (Start: 77 @9047 has 15 MA's), (Start: 84 @9056 has 7 MA's), (166, 9275), (180, 9332),

Gene: Nodigi_12 Start: 7925, Stop: 8263, Start Num: 73

Candidate Starts for Nodigi_12:

(3, 7541), (5, 7628), (40, 7841), (Start: 73 @7925 has 62 MA's), (120, 8024), (170, 8144), (171, 8147), (197, 8237), (200, 8243),

Gene: NormanBulbieJr_8 Start: 6431, Stop: 6760, Start Num: 71

Candidate Starts for NormanBulbieJr_8:

(7, 6161), (35, 6338), (Start: 71 @6431 has 242 MA's), (Start: 87 @6455 has 2 MA's), (105, 6494), (115, 6527), (121, 6539), (125, 6560), (131, 6566), (133, 6569), (139, 6587), (156, 6620), (163, 6638), (165, 6644), (168, 6656), (174, 6674), (181, 6683), (190, 6707), (195, 6734), (196, 6737), (204, 6755),

Gene: ODay_10 Start: 6511, Stop: 6858, Start Num: 69

Candidate Starts for ODay_10:

(6, 6226), (11, 6259), (49, 6460), (Start: 69 @6511 has 2 MA's), (121, 6622), (156, 6703), (165, 6724), (170, 6742), (180, 6769), (203, 6841), (204, 6844),

Gene: Ochi17_8 Start: 6442, Stop: 6771, Start Num: 71

Candidate Starts for Ochi17_8:

(7, 6172), (35, 6349), (Start: 71 @6442 has 242 MA's), (Start: 87 @6466 has 2 MA's), (105, 6505), (115, 6538), (121, 6550), (125, 6571), (131, 6577), (133, 6580), (139, 6598), (156, 6631), (163, 6649), (165, 6655), (174, 6685), (181, 6694), (190, 6718), (195, 6745), (196, 6748), (204, 6766),

Gene: OfUltron_8 Start: 6442, Stop: 6771, Start Num: 71

Candidate Starts for OfUltron_8:

(7, 6172), (35, 6349), (Start: 71 @6442 has 242 MA's), (Start: 87 @6466 has 2 MA's), (105, 6505), (115, 6538), (121, 6550), (125, 6571), (131, 6577), (133, 6580), (139, 6598), (156, 6631), (163, 6649), (165, 6655), (174, 6685), (181, 6694), (190, 6718), (195, 6745), (196, 6748), (204, 6766),

Gene: Ogopogo_11 Start: 6698, Stop: 7027, Start Num: 71

Candidate Starts for Ogopogo_11:

(45, 6647), (48, 6653), (Start: 71 @6698 has 242 MA's), (Start: 87 @6722 has 2 MA's), (105, 6761), (115, 6794), (125, 6827), (131, 6833), (133, 6836), (139, 6854), (156, 6887), (163, 6905), (165, 6911), (168, 6923), (174, 6941), (181, 6950), (190, 6974), (195, 7001), (196, 7004), (204, 7022),

Gene: Okabe_10 Start: 7106, Stop: 7435, Start Num: 71

Candidate Starts for Okabe_10:

(7, 6836), (35, 7013), (Start: 71 @7106 has 242 MA's), (Start: 87 @7130 has 2 MA's), (105, 7169), (115, 7202), (121, 7214), (125, 7235), (131, 7241), (133, 7244), (139, 7262), (156, 7295), (163, 7313),

(165, 7319), (174, 7349), (181, 7358), (190, 7382), (195, 7409), (196, 7412), (204, 7430),

Gene: Oksu_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for Oksu_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: OldBen_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for OldBen_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: OlympiaSaint_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for OlympiaSaint_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (195, 6747), (196, 6750), (204, 6768),

Gene: Orla_12 Start: 7929, Stop: 8267, Start Num: 73

Candidate Starts for Orla_12:

(5, 7632), (40, 7845), (Start: 73 @7929 has 62 MA's), (120, 8028), (170, 8148), (171, 8151), (197, 8241), (200, 8247),

Gene: Ouroboros_8 Start: 6099, Stop: 6446, Start Num: 75

Candidate Starts for Ouroboros_8:

(46, 6036), (60, 6072), (62, 6075), (Start: 75 @6099 has 46 MA's), (96, 6129), (98, 6132), (120, 6204), (123, 6216), (153, 6288), (162, 6309), (176, 6351), (188, 6378), (191, 6393), (202, 6426),

Gene: Ovechkin_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Ovechkin_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: OwlsT2W_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for OwlsT2W_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: P1.1_8 Start: 6099, Stop: 6446, Start Num: 75

Candidate Starts for P1.1_8:

(21, 5943), (24, 5949), (26, 5952), (27, 5955), (33, 5994), (37, 6003), (46, 6036), (Start: 75 @6099 has 46 MA's), (98, 6132), (120, 6204), (123, 6216), (153, 6288), (162, 6309), (176, 6351), (187, 6375), (188, 6378), (191, 6393), (202, 6426),

Gene: P100.1_8 Start: 6089, Stop: 6436, Start Num: 75

Candidate Starts for P100.1_8:

(46, 6026), (Start: 75 @6089 has 46 MA's), (96, 6119), (98, 6122), (110, 6164), (120, 6194), (123, 6206), (153, 6278), (176, 6341), (188, 6368), (191, 6383), (202, 6416),

Gene: P100A_8 Start: 6111, Stop: 6458, Start Num: 75

Candidate Starts for P100A_8:

(42, 6027), (46, 6048), (60, 6084), (62, 6087), (Start: 75 @6111 has 46 MA's), (96, 6141), (98, 6144), (120, 6216), (123, 6228), (131, 6246), (153, 6300), (155, 6303), (176, 6363), (187, 6387), (188, 6390), (191, 6405), (202, 6438),

Gene: P100D_8 Start: 6093, Stop: 6440, Start Num: 75

Candidate Starts for P100D_8:

(46, 6030), (Start: 75 @6093 has 46 MA's), (96, 6123), (98, 6126), (110, 6168), (120, 6198), (123, 6210), (153, 6282), (176, 6345), (187, 6369), (188, 6372), (191, 6387), (202, 6420),

Gene: P101A_8 Start: 6092, Stop: 6439, Start Num: 75

Candidate Starts for P101A_8:

(21, 5936), (24, 5942), (26, 5945), (27, 5948), (33, 5987), (37, 5996), (46, 6029), (Start: 75 @6092 has 46 MA's), (96, 6122), (98, 6125), (110, 6167), (120, 6197), (123, 6209), (153, 6281), (176, 6344), (187, 6368), (188, 6371), (191, 6386), (202, 6419),

Gene: P104A_8 Start: 6094, Stop: 6441, Start Num: 75

Candidate Starts for P104A_8:

(46, 6031), (Start: 75 @6094 has 46 MA's), (96, 6124), (98, 6127), (110, 6169), (120, 6199), (123, 6211), (153, 6283), (176, 6346), (188, 6373), (191, 6388), (202, 6421),

Gene: P104B_8 Start: 6098, Stop: 6445, Start Num: 75

Candidate Starts for P104B_8:

(46, 6035), (Start: 75 @6098 has 46 MA's), (96, 6128), (98, 6131), (120, 6203), (123, 6215), (153, 6287), (162, 6308), (176, 6350), (187, 6374), (188, 6377), (191, 6392), (202, 6425),

Gene: P105_8 Start: 6088, Stop: 6435, Start Num: 75

Candidate Starts for P105_8:

(46, 6025), (Start: 75 @6088 has 46 MA's), (96, 6118), (98, 6121), (110, 6163), (120, 6193), (123, 6205), (153, 6277), (162, 6298), (174, 6337), (176, 6340), (187, 6364), (188, 6367), (191, 6382), (202, 6415),

Gene: P106A_8 Start: 6116, Stop: 6463, Start Num: 75

Candidate Starts for P106A_8:

(21, 5960), (24, 5966), (26, 5969), (27, 5972), (37, 6020), (46, 6053), (Start: 75 @6116 has 46 MA's), (96, 6146), (98, 6149), (110, 6191), (120, 6221), (123, 6233), (153, 6305), (162, 6326), (176, 6368), (188, 6395), (191, 6410), (202, 6443),

Gene: P106C_8 Start: 6116, Stop: 6463, Start Num: 75

Candidate Starts for P106C_8:

(21, 5960), (24, 5966), (26, 5969), (27, 5972), (37, 6020), (46, 6053), (Start: 75 @6116 has 46 MA's), (96, 6146), (98, 6149), (110, 6191), (120, 6221), (123, 6233), (153, 6305), (162, 6326), (176, 6368), (188, 6395), (191, 6410), (202, 6443),

Gene: P106I_8 Start: 6116, Stop: 6463, Start Num: 75

Candidate Starts for P106I_8:

(21, 5960), (24, 5966), (26, 5969), (27, 5972), (37, 6020), (46, 6053), (Start: 75 @6116 has 46 MA's), (96, 6146), (98, 6149), (110, 6191), (120, 6221), (123, 6233), (153, 6305), (162, 6326), (176, 6368), (188, 6395), (191, 6410), (202, 6443),

Gene: P106L_8 Start: 6116, Stop: 6463, Start Num: 75

Candidate Starts for P106L_8:

(21, 5960), (24, 5966), (26, 5969), (27, 5972), (37, 6020), (46, 6053), (Start: 75 @6116 has 46 MA's), (96, 6146), (98, 6149), (110, 6191), (120, 6221), (123, 6233), (153, 6305), (162, 6326), (176, 6368), (188, 6395), (191, 6410), (202, 6443),

Gene: P106M_8 Start: 6116, Stop: 6463, Start Num: 75

Candidate Starts for P106M_8:

(21, 5960), (24, 5966), (26, 5969), (27, 5972), (37, 6020), (46, 6053), (Start: 75 @6116 has 46 MA's), (96, 6146), (98, 6149), (110, 6191), (120, 6221), (123, 6233), (153, 6305), (162, 6326), (176, 6368), (188, 6395), (191, 6410), (202, 6443),

Gene: P107A_8 Start: 6102, Stop: 6449, Start Num: 75

Candidate Starts for P107A_8:

(46, 6039), (62, 6078), (Start: 75 @6102 has 46 MA's), (96, 6132), (98, 6135), (120, 6207), (123, 6219), (131, 6237), (153, 6291), (155, 6294), (162, 6312), (176, 6354), (187, 6378), (188, 6381), (191, 6396), (202, 6429),

Gene: P107C_8 Start: 6098, Stop: 6445, Start Num: 75

Candidate Starts for P107C_8:

(46, 6035), (Start: 75 @6098 has 46 MA's), (96, 6128), (98, 6131), (110, 6173), (120, 6203), (123, 6215), (153, 6287), (162, 6308), (176, 6350), (187, 6374), (188, 6377), (191, 6392), (202, 6425),

Gene: P108C_8 Start: 6102, Stop: 6449, Start Num: 75

Candidate Starts for P108C_8:

(46, 6039), (Start: 75 @6102 has 46 MA's), (96, 6132), (98, 6135), (110, 6177), (123, 6219), (153, 6291), (162, 6312), (176, 6354), (187, 6378), (188, 6381), (191, 6396), (202, 6429),

Gene: P14.4_8 Start: 6093, Stop: 6440, Start Num: 75

Candidate Starts for P14.4_8:

(46, 6030), (Start: 75 @6093 has 46 MA's), (96, 6123), (98, 6126), (110, 6168), (120, 6198), (123, 6210), (153, 6282), (162, 6303), (176, 6345), (188, 6372), (191, 6387), (202, 6420),

Gene: P9.1_8 Start: 6091, Stop: 6438, Start Num: 75

Candidate Starts for P9.1_8:

(Start: 75 @6091 has 46 MA's), (96, 6121), (98, 6124), (110, 6166), (120, 6196), (123, 6208), (153, 6280), (162, 6301), (176, 6343), (187, 6367), (188, 6370), (191, 6385), (202, 6418),

Gene: PA6_8 Start: 6101, Stop: 6448, Start Num: 75

Candidate Starts for PA6_8:

(46, 6038), (60, 6074), (Start: 75 @6101 has 46 MA's), (96, 6131), (98, 6134), (110, 6176), (120, 6206), (123, 6218), (153, 6290), (162, 6311), (174, 6350), (188, 6380), (191, 6395), (202, 6428),

Gene: PAD20_8 Start: 6099, Stop: 6446, Start Num: 75

Candidate Starts for PAD20_8:

(Start: 75 @6099 has 46 MA's), (96, 6129), (98, 6132), (120, 6204), (123, 6216), (153, 6288), (176, 6351), (187, 6375), (188, 6378), (191, 6393), (202, 6426),

Gene: PAS50_8 Start: 6096, Stop: 6443, Start Num: 75

Candidate Starts for PAS50_8:

(46, 6033), (Start: 75 @6096 has 46 MA's), (96, 6126), (98, 6129), (110, 6171), (120, 6201), (123, 6213), (131, 6231), (153, 6285), (162, 6306), (176, 6348), (187, 6372), (188, 6375), (191, 6390), (202, 6423),

Gene: PHL010M04_08 Start: 6091, Stop: 6438, Start Num: 75

Candidate Starts for PHL010M04_08:

(21, 5935), (24, 5941), (27, 5947), (33, 5986), (37, 5995), (46, 6028), (Start: 75 @6091 has 46 MA's), (96, 6121), (98, 6124), (120, 6196), (123, 6208), (131, 6226), (153, 6280), (176, 6343), (187, 6367), (188, 6370), (191, 6385), (202, 6418),

Gene: PHL037M02_08 Start: 6097, Stop: 6444, Start Num: 75

Candidate Starts for PHL037M02_08:

(46, 6034), (Start: 75 @6097 has 46 MA's), (96, 6127), (98, 6130), (108, 6160), (120, 6202), (123, 6214), (153, 6286), (162, 6307), (174, 6346), (176, 6349), (188, 6376), (191, 6391), (202, 6424),

Gene: PHL060L00_08 Start: 6089, Stop: 6436, Start Num: 75

Candidate Starts for PHL060L00_08:

(21, 5933), (24, 5939), (26, 5942), (27, 5945), (33, 5984), (37, 5993), (46, 6026), (Start: 75 @6089 has 46 MA's), (96, 6119), (98, 6122), (110, 6164), (120, 6194), (123, 6206), (153, 6278), (162, 6299), (176, 6341), (187, 6365), (188, 6368), (191, 6383), (202, 6416),

Gene: PHL067M10_08 Start: 6093, Stop: 6440, Start Num: 75

Candidate Starts for PHL067M10_08:

(46, 6030), (Start: 75 @6093 has 46 MA's), (96, 6123), (98, 6126), (110, 6168), (120, 6198), (123, 6210), (153, 6282), (174, 6342), (176, 6345), (188, 6372), (191, 6387), (202, 6420),

Gene: PHL071N05_08 Start: 6095, Stop: 6442, Start Num: 75

Candidate Starts for PHL071N05_08:

(46, 6032), (Start: 75 @6095 has 46 MA's), (96, 6125), (98, 6128), (110, 6170), (123, 6212), (153, 6284), (162, 6305), (176, 6347), (187, 6371), (188, 6374), (191, 6389), (202, 6422),

Gene: PHL111M01_08 Start: 6099, Stop: 6446, Start Num: 75

Candidate Starts for PHL111M01_08:

(46, 6036), (Start: 75 @6099 has 46 MA's), (96, 6129), (98, 6132), (120, 6204), (123, 6216), (153, 6288), (176, 6351), (187, 6375), (188, 6378), (191, 6393), (202, 6426),

Gene: PHL112N00_08 Start: 6099, Stop: 6446, Start Num: 75

Candidate Starts for PHL112N00_08:

(46, 6036), (47, 6039), (Start: 75 @6099 has 46 MA's), (96, 6129), (98, 6132), (120, 6204), (123, 6216), (153, 6288), (162, 6309), (174, 6348), (176, 6351), (188, 6378), (191, 6393), (202, 6426),

Gene: PHL113M01_08 Start: 6099, Stop: 6446, Start Num: 75

Candidate Starts for PHL113M01_08:

(46, 6036), (Start: 75 @6099 has 46 MA's), (96, 6129), (98, 6132), (120, 6204), (123, 6216), (153, 6288), (162, 6309), (176, 6351), (188, 6378), (191, 6393), (202, 6426),

Gene: PHL114L00_08 Start: 6098, Stop: 6445, Start Num: 75

Candidate Starts for PHL114L00_08:

(23, 5945), (26, 5951), (27, 5954), (33, 5993), (34, 5996), (46, 6035), (62, 6074), (Start: 75 @6098 has 46 MA's), (93, 6125), (96, 6128), (98, 6131), (110, 6173), (120, 6203), (123, 6215), (176, 6350), (188, 6377), (191, 6392), (202, 6425),

Gene: PHappiness_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for PHappiness_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: PMC_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for PMC_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: Pacc40_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Pacc40_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: PatoPoderoso_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for PatoPoderoso_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (158, 6642), (163, 6654), (165, 6660), (174, 6690), (190, 6723),

Gene: Peridot_10 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Peridot_10:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Periwinkle_10 Start: 6480, Stop: 6827, Start Num: 67

Candidate Starts for Periwinkle_10:

(54, 6444), (Start: 67 @6480 has 20 MA's), (94, 6519), (110, 6561), (136, 6633), (145, 6654), (147, 6657), (164, 6690), (177, 6735), (193, 6786), (204, 6816),

Gene: Phabuloso_10 Start: 6485, Stop: 6832, Start Num: 67

Candidate Starts for Phabuloso_10:

(54, 6449), (Start: 67 @6485 has 20 MA's), (94, 6524), (145, 6659), (147, 6662), (164, 6695), (177, 6740), (193, 6791), (197, 6806), (204, 6821),

Gene: Phalconet_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Phalconet_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Phanphagia_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Phanphagia_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (184, 6707), (190, 6722),

Gene: Phasih_8 Start: 6459, Stop: 6788, Start Num: 71

Candidate Starts for Phasih_8:

(Start: 71 @6459 has 242 MA's), (Start: 87 @6483 has 2 MA's), (105, 6522), (115, 6555), (121, 6567), (125, 6588), (131, 6594), (133, 6597), (139, 6615), (156, 6648), (163, 6666), (165, 6672), (174, 6702), (181, 6711), (190, 6735), (195, 6762), (196, 6765), (204, 6783),

Gene: Phatniss_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Phatniss_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: PhesterPhotato_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for PhesterPhotato_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Philus_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for Philus_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (193, 6738), (195, 6747), (196, 6750), (204, 6768),

Gene: Phistory_10 Start: 6469, Stop: 6816, Start Num: 67

Candidate Starts for Phistory_10:

(54, 6433), (Start: 67 @6469 has 20 MA's), (94, 6508), (110, 6550), (145, 6643), (147, 6646), (177, 6724), (193, 6775), (197, 6790), (204, 6805),

Gene: PhlipPhlop_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for PhlipPhlop_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: PhorbesPhlower_9 Start: 5962, Stop: 6303, Start Num: 72

Candidate Starts for PhorbesPhlower_9:

(22, 5809), (53, 5917), (65, 5950), (Start: 72 @5962 has 33 MA's), (114, 6055), (147, 6130), (152, 6142), (165, 6169), (170, 6187), (203, 6289), (204, 6292),

Gene: Pigu_9 Start: 6514, Stop: 6882, Start Num: 77

Candidate Starts for Pigu_9:

(76, 6511), (Start: 77 @6514 has 15 MA's), (Start: 84 @6523 has 7 MA's), (90, 6535), (145, 6694), (170, 6754), (180, 6799), (200, 6862), (204, 6871),

Gene: Piper2020_9 Start: 6298, Stop: 6627, Start Num: 71

Candidate Starts for Piper2020_9:

(Start: 71 @6298 has 242 MA's), (Start: 87 @6322 has 2 MA's), (105, 6361), (115, 6394), (125, 6427), (131, 6433), (133, 6436), (139, 6454), (156, 6487), (163, 6505), (165, 6511), (168, 6523), (174, 6541), (181, 6550), (190, 6574), (193, 6592), (195, 6601), (196, 6604), (204, 6622),

Gene: Pippy_8 Start: 6431, Stop: 6760, Start Num: 71

Candidate Starts for Pippy_8:

(7, 6161), (35, 6338), (Start: 71 @6431 has 242 MA's), (Start: 87 @6455 has 2 MA's), (105, 6494), (115, 6527), (121, 6539), (125, 6560), (131, 6566), (133, 6569), (139, 6587), (156, 6620), (163, 6638), (165, 6644), (168, 6656), (174, 6674), (181, 6683), (190, 6707), (195, 6734), (196, 6737), (204, 6755),

Gene: Pirate_8 Start: 6091, Stop: 6438, Start Num: 75

Candidate Starts for Pirate_8:

(46, 6028), (Start: 75 @6091 has 46 MA's), (96, 6121), (98, 6124), (110, 6166), (123, 6208), (153, 6280), (162, 6301), (176, 6343), (187, 6367), (188, 6370), (191, 6385), (202, 6418),

Gene: Plumbus_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for Plumbus_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: Poenanya_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Poenanya_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Polka14_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for Polka14_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (195, 6747), (196, 6750), (204, 6768),

Gene: Pollux_10 Start: 7484, Stop: 7831, Start Num: 72

Candidate Starts for Pollux_10:

(Start: 72 @7484 has 33 MA's), (121, 7592), (176, 7739), (200, 7811),

Gene: Pollywog_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Pollywog_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Polo2Bam_9 Start: 6420, Stop: 6752, Start Num: 71

Candidate Starts for Polo2Bam_9:

(Start: 71 @6420 has 242 MA's), (Start: 87 @6444 has 2 MA's), (99, 6462), (111, 6501), (117, 6522), (131, 6555), (137, 6573), (150, 6597), (156, 6609), (158, 6615), (163, 6627), (165, 6633), (174, 6663), (190, 6696),

Gene: Pons_10 Start: 6703, Stop: 7044, Start Num: 73

Candidate Starts for Pons_10:

(Start: 73 @6703 has 62 MA's), (99, 6739), (143, 6862), (151, 6877), (171, 6925), (200, 7024),

Gene: PopTart_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for PopTart_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Posh_10 Start: 7478, Stop: 7825, Start Num: 72

Candidate Starts for Posh_10:

(Start: 72 @7478 has 33 MA's), (121, 7586), (176, 7733), (200, 7805),

Gene: PotPie_10 Start: 7554, Stop: 7895, Start Num: 73

Candidate Starts for PotPie_10:

(Start: 73 @7554 has 62 MA's), (99, 7590), (143, 7713), (200, 7875),

Gene: PrairieDogTown_10 Start: 8142, Stop: 8474, Start Num: 77

Candidate Starts for PrairieDogTown_10:

(Start: 77 @8142 has 15 MA's), (Start: 84 @8151 has 7 MA's),

Gene: Priscilla_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for Priscilla_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (195, 6747), (196, 6750), (204, 6768),

Gene: Procrass1_8 Start: 6098, Stop: 6445, Start Num: 75

Candidate Starts for Procrass1_8:

(46, 6035), (Start: 75 @6098 has 46 MA's), (96, 6128), (98, 6131), (120, 6203), (123, 6215), (153, 6287), (162, 6308), (176, 6350), (187, 6374), (188, 6377), (191, 6392), (202, 6425),

Gene: PsychoKiller_10 Start: 6923, Stop: 7264, Start Num: 73

Candidate Starts for PsychoKiller_10:

(Start: 73 @6923 has 62 MA's), (79, 6932), (110, 6992), (145, 7085), (183, 7187),

Gene: Puppies_8 Start: 6487, Stop: 6804, Start Num: 95

Candidate Starts for Puppies_8:

(Start: 95 @6487 has 7 MA's), (123, 6577), (140, 6631), (179, 6718),

Gene: Pytheas_10 Start: 7331, Stop: 7678, Start Num: 72

Candidate Starts for Pytheas_10:

(Start: 72 @7331 has 33 MA's), (121, 7439), (135, 7484), (176, 7586), (200, 7658),

Gene: Quasar_10 Start: 7538, Stop: 7879, Start Num: 73

Candidate Starts for Quasar_10:

(Start: 73 @7538 has 62 MA's), (79, 7547), (110, 7607), (145, 7700), (183, 7802),

Gene: QueenBey_8 Start: 6092, Stop: 6439, Start Num: 75

Candidate Starts for QueenBey_8:

(26, 5945), (27, 5948), (33, 5987), (34, 5990), (37, 5996), (42, 6008), (46, 6029), (62, 6068), (Start: 75 @6092 has 46 MA's), (96, 6122), (98, 6125), (108, 6155), (120, 6197), (123, 6209), (131, 6227), (153, 6281), (176, 6344), (187, 6368), (188, 6371), (191, 6386), (202, 6419),

Gene: QuickMath_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for QuickMath_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (156, 6636), (158, 6642), (163, 6654), (165, 6660), (174, 6690), (190, 6723),

Gene: Quico_9 Start: 6291, Stop: 6620, Start Num: 71

Candidate Starts for Quico_9:

(Start: 71 @6291 has 242 MA's), (Start: 87 @6315 has 2 MA's), (105, 6354), (115, 6387), (121, 6399), (125, 6420), (131, 6426), (133, 6429), (139, 6447), (156, 6480), (163, 6498), (165, 6504), (168, 6516), (174, 6534), (181, 6543), (190, 6567), (195, 6594), (196, 6597), (204, 6615),

Gene: RADical_11 Start: 6924, Stop: 7265, Start Num: 73

Candidate Starts for RADical_11:

(Start: 73 @6924 has 62 MA's), (79, 6933), (110, 6993), (145, 7086), (183, 7188),

Gene: RSchmailzl_11 Start: 7064, Stop: 7405, Start Num: 73

Candidate Starts for RSchmailzl_11:

(Start: 73 @7064 has 62 MA's), (79, 7073), (110, 7133), (145, 7226), (183, 7328),

Gene: Radiance_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Radiance_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Ramsey_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Ramsey_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (105, 6358), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: RanchParmCat_13 Start: 7641, Stop: 7979, Start Num: 73

Candidate Starts for RanchParmCat_13:

(Start: 73 @7641 has 62 MA's), (99, 7677), (120, 7740), (170, 7860), (200, 7959),

Gene: RedBaron_12 Start: 6968, Stop: 7309, Start Num: 73

Candidate Starts for RedBaron_12:

(Start: 73 @6968 has 62 MA's), (79, 6977), (110, 7037), (145, 7130), (183, 7232),

Gene: RedBird_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for RedBird_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Renaud18_9 Start: 6780, Stop: 7112, Start Num: 71

Candidate Starts for Renaud18_9:

(Start: 71 @6780 has 242 MA's), (Start: 87 @6804 has 2 MA's), (111, 6864), (117, 6885), (121, 6891), (144, 6951), (150, 6960), (152, 6966), (157, 6972), (181, 7032), (182, 7035), (200, 7095), (204, 7104),

Gene: Rialto_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for Rialto_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: Rileysaurus_8 Start: 6087, Stop: 6434, Start Num: 75

Candidate Starts for Rileysaurus_8:

(21, 5931), (27, 5943), (33, 5982), (34, 5985), (37, 5991), (46, 6024), (62, 6063), (Start: 75 @6087 has 46 MA's), (96, 6117), (98, 6120), (120, 6192), (123, 6204), (153, 6276), (176, 6339), (187, 6363), (188, 6366), (191, 6381), (202, 6414),

Gene: Rita_8 Start: 6447, Stop: 6779, Start Num: 71

Candidate Starts for Rita_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (99, 6489), (111, 6528), (117, 6549), (123, 6564), (131, 6582), (137, 6600), (150, 6624), (156, 6636), (158, 6642), (163, 6654), (165, 6660),

(174, 6690), (190, 6723),

Gene: RitaG_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for RitaG_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: Roberts_11 Start: 7129, Stop: 7464, Start Num: 81

Candidate Starts for Roberts_11:

(Start: 81 @7129 has 4 MA's), (100, 7159), (180, 7381),

Gene: Rockne_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for Rockne_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: RockyHorror_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for RockyHorror_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (105, 6358), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (139, 6451), (150, 6472), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: RootBeer_9 Start: 6513, Stop: 6860, Start Num: 88

Candidate Starts for RootBeer_9:

(Start: 59 @6468 has 1 MA's), (Start: 88 @6513 has 2 MA's), (92, 6519), (129, 6639), (167, 6729), (178, 6765),

Gene: Rooter_9 Start: 6545, Stop: 6877, Start Num: 77

Candidate Starts for Rooter_9:

(Start: 77 @6545 has 15 MA's), (Start: 84 @6554 has 7 MA's), (112, 6623), (145, 6725), (165, 6767), (180, 6794), (192, 6833), (204, 6866),

Gene: Royals2015_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Royals2015_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Ruby_8 Start: 6449, Stop: 6778, Start Num: 71

Candidate Starts for Ruby_8:

(Start: 71 @6449 has 242 MA's), (Start: 87 @6473 has 2 MA's), (105, 6512), (115, 6545), (121, 6557), (125, 6578), (131, 6584), (133, 6587), (139, 6605), (156, 6638), (163, 6656), (165, 6662), (174, 6692), (181, 6701), (190, 6725), (195, 6752), (196, 6755), (204, 6773),

Gene: RunningOnE_69 Start: 33386, Stop: 33715, Start Num: 82

Candidate Starts for RunningOnE_69:

(16, 33164), (25, 33224), (Start: 82 @33386 has 1 MA's), (115, 33473), (136, 33524), (173, 33608),

Gene: SG4_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for SG4_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: SKKY_8 Start: 6123, Stop: 6470, Start Num: 75

Candidate Starts for SKKY_8:

(21, 5967), (24, 5973), (26, 5976), (27, 5979), (33, 6018), (37, 6027), (46, 6060), (Start: 75 @6123 has 46 MA's), (96, 6153), (98, 6156), (110, 6198), (120, 6228), (123, 6240), (153, 6312), (162, 6333), (176, 6375), (188, 6402), (191, 6417), (202, 6450),

Gene: Saal_8 Start: 6432, Stop: 6761, Start Num: 71

Candidate Starts for Saal_8:

(7, 6162), (35, 6339), (Start: 71 @6432 has 242 MA's), (Start: 87 @6456 has 2 MA's), (105, 6495), (115, 6528), (121, 6540), (125, 6561), (131, 6567), (133, 6570), (139, 6588), (156, 6621), (163, 6639), (165, 6645), (168, 6657), (174, 6675), (181, 6684), (190, 6708), (195, 6735), (196, 6738), (204, 6756),

Gene: Sabbb_8 Start: 6447, Stop: 6776, Start Num: 71

Candidate Starts for Sabbb_8:

(Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (105, 6510), (115, 6543), (125, 6576), (131, 6582), (133, 6585), (139, 6603), (156, 6636), (163, 6654), (165, 6660), (174, 6690), (181, 6699), (190, 6723), (195, 6750), (196, 6753), (204, 6771),

Gene: Salvus_13 Start: 8524, Stop: 8898, Start Num: 64

Candidate Starts for Salvus_13:

(Start: 64 @8524 has 3 MA's), (Start: 87 @8563 has 2 MA's), (115, 8635), (154, 8731), (196, 8863), (201, 8875),

Gene: Sandalphon_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for Sandalphon_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (156, 6649), (163, 6667), (165, 6673), (168, 6685), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: Sarge_9 Start: 6912, Stop: 7244, Start Num: 77

Candidate Starts for Sarge_9:

(Start: 77 @6912 has 15 MA's), (Start: 84 @6921 has 7 MA's), (112, 6990), (165, 7134), (166, 7137), (180, 7161), (204, 7233),

Gene: Sarma624_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Sarma624_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: Sassafras_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Sassafras_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: SassyB_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for SassyB_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Scotia_11 Start: 9053, Stop: 9421, Start Num: 77

Candidate Starts for Scotia_11:

(2, 8657), (20, 8885), (Start: 77 @9053 has 15 MA's), (Start: 84 @9062 has 7 MA's), (166, 9281), (180, 9338),

Gene: Scottish_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Scottish_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (195, 6746), (196, 6749), (204, 6767),

Gene: SeaLumen_8 Start: 6420, Stop: 6752, Start Num: 71

Candidate Starts for SeaLumen_8:

(Start: 71 @6420 has 242 MA's), (Start: 87 @6444 has 2 MA's), (99, 6462), (111, 6501), (117, 6522), (131, 6555), (137, 6573), (150, 6597), (156, 6609), (158, 6615), (163, 6627), (165, 6633), (174, 6663), (190, 6696),

Gene: Seabastian_8 Start: 6442, Stop: 6771, Start Num: 71

Candidate Starts for Seabastian_8:

(7, 6172), (35, 6349), (Start: 71 @6442 has 242 MA's), (Start: 87 @6466 has 2 MA's), (105, 6505), (115, 6538), (121, 6550), (125, 6571), (131, 6577), (133, 6580), (139, 6598), (156, 6631), (163, 6649), (165, 6655), (174, 6685), (181, 6694), (190, 6718), (195, 6745), (196, 6748), (204, 6766),

Gene: Seagreen_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Seagreen_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (150, 6473), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Shauna1_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Shauna1_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (184, 6707), (190, 6722),

Gene: ShawBrad_10 Start: 6485, Stop: 6832, Start Num: 67

Candidate Starts for ShawBrad_10:

(54, 6449), (Start: 67 @6485 has 20 MA's), (94, 6524), (110, 6566), (136, 6638), (145, 6659), (147, 6662), (164, 6695), (177, 6740), (193, 6791), (197, 6806), (200, 6812), (204, 6821),

Gene: SheckWes_9 Start: 6691, Stop: 7032, Start Num: 73

Candidate Starts for SheckWes_9:

(Start: 73 @6691 has 62 MA's), (99, 6727), (120, 6790), (143, 6850), (151, 6865), (171, 6913), (200, 7012),

Gene: ShiLan_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for ShiLan_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651),

(165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (193, 6738), (195, 6747), (196, 6750), (204, 6768),

Gene: ShowerHandel_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for ShowerHandel_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (121, 6553), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (193, 6739), (195, 6748), (196, 6751), (204, 6769),

Gene: Shoya_8 Start: 6548, Stop: 6880, Start Num: 77

Candidate Starts for Shoya_8:

(Start: 77 @6548 has 15 MA's), (Start: 84 @6557 has 7 MA's), (112, 6626), (158, 6752), (165, 6770), (180, 6797), (204, 6869),

Gene: ShroomBoi_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for ShroomBoi_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: SiSi_8 Start: 6431, Stop: 6763, Start Num: 71

Candidate Starts for SiSi_8:

(Start: 71 @6431 has 242 MA's), (Start: 87 @6455 has 2 MA's), (99, 6473), (111, 6512), (117, 6533), (123, 6548), (131, 6566), (137, 6584), (150, 6608), (156, 6620), (158, 6626), (163, 6638), (165, 6644), (174, 6674), (190, 6707),

Gene: SilverChicken_10 Start: 6438, Stop: 6791, Start Num: 72

Candidate Starts for SilverChicken_10:

(51, 6387), (53, 6393), (Start: 72 @6438 has 33 MA's), (91, 6468), (111, 6519), (147, 6624), (156, 6642), (169, 6675), (197, 6765),

Gene: SimranZ1_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for SimranZ1_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: SketchMex_9 Start: 6907, Stop: 7248, Start Num: 73

Candidate Starts for SketchMex_9:

(Start: 73 @6907 has 62 MA's), (125, 7030), (183, 7171), (197, 7222), (200, 7228),

Gene: Slim_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for Slim_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: Socotra_11 Start: 6923, Stop: 7264, Start Num: 73

Candidate Starts for Socotra_11:

(Start: 73 @6923 has 62 MA's), (79, 6932), (110, 6992), (145, 7085), (183, 7187),

Gene: Solid_8 Start: 6099, Stop: 6446, Start Num: 75

Candidate Starts for Solid_8:

(46, 6036), (Start: 75 @6099 has 46 MA's), (96, 6129), (98, 6132), (110, 6174), (120, 6204), (123, 6216), (153, 6288), (162, 6309), (176, 6351), (187, 6375), (188, 6378), (191, 6393), (202, 6426),

Gene: Sopespian_10 Start: 6923, Stop: 7264, Start Num: 73

Candidate Starts for Sopespian_10:

(Start: 73 @6923 has 62 MA's), (79, 6932), (110, 6992), (145, 7085), (183, 7187),

Gene: Soul22_10 Start: 6437, Stop: 6790, Start Num: 72

Candidate Starts for Soul22_10:

(51, 6386), (53, 6392), (Start: 72 @6437 has 33 MA's), (91, 6467), (111, 6518), (147, 6623), (156, 6641), (169, 6674), (197, 6764),

Gene: Sparkdehlily_8 Start: 6459, Stop: 6788, Start Num: 71

Candidate Starts for Sparkdehlily_8:

(7, 6189), (35, 6366), (Start: 71 @6459 has 242 MA's), (Start: 87 @6483 has 2 MA's), (105, 6522), (115, 6555), (121, 6567), (125, 6588), (131, 6594), (133, 6597), (139, 6615), (156, 6648), (163, 6666), (165, 6672), (168, 6684), (174, 6702), (181, 6711), (190, 6735), (195, 6762), (196, 6765), (204, 6783),

Gene: Spartacus_8 Start: 6434, Stop: 6766, Start Num: 71

Candidate Starts for Spartacus_8:

(Start: 71 @6434 has 242 MA's), (86, 6455), (Start: 87 @6458 has 2 MA's), (105, 6497), (117, 6536), (131, 6569), (133, 6572), (146, 6605), (150, 6611), (163, 6641), (165, 6647), (174, 6677), (190, 6710), (195, 6737), (200, 6749), (204, 6758),

Gene: Spartoi_8 Start: 6006, Stop: 6344, Start Num: 70

Candidate Starts for Spartoi_8:

(Start: 70 @6006 has 1 MA's), (76, 6015), (89, 6036), (121, 6117), (147, 6174),

Gene: Spikelee_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Spikelee_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Spooks_54 Start: 31985, Stop: 32302, Start Num: 87

Candidate Starts for Spooks_54:

(Start: 83 @31976 has 1 MA's), (85, 31979), (Start: 87 @31985 has 2 MA's), (121, 32081), (158, 32156), (173, 32198), (180, 32225),

Gene: Spooky_10 Start: 6478, Stop: 6825, Start Num: 67

Candidate Starts for Spooky_10:

(5, 6193), (14, 6265), (18, 6292), (29, 6367), (46, 6427), (55, 6445), (Start: 67 @6478 has 20 MA's), (94, 6517), (110, 6559), (121, 6592), (145, 6652), (147, 6655), (177, 6733), (193, 6784), (204, 6814),

Gene: Spoonbill_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for Spoonbill_8:

(Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (121, 6553), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (195, 6748), (196, 6751), (204, 6769),

Gene: Squiddly_11 Start: 7165, Stop: 7512, Start Num: 67

Candidate Starts for Squiddly_11:

(54, 7129), (Start: 67 @7165 has 20 MA's), (94, 7204), (110, 7246), (145, 7339), (147, 7342), (177, 7420), (193, 7471), (197, 7486), (204, 7501),

Gene: Squirty_9 Start: 6294, Stop: 6623, Start Num: 71

Candidate Starts for Squirty_9:

(Start: 71 @6294 has 242 MA's), (Start: 87 @6318 has 2 MA's), (105, 6357), (115, 6390), (121, 6402), (125, 6423), (131, 6429), (133, 6432), (139, 6450), (156, 6483), (163, 6501), (165, 6507), (168, 6519), (174, 6537), (181, 6546), (190, 6570), (195, 6597), (196, 6600), (204, 6618),

Gene: StAnnes_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for StAnnes_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Stap_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Stap_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (150, 6473), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Starburst_11 Start: 6923, Stop: 7264, Start Num: 73

Candidate Starts for Starburst_11:

(Start: 73 @6923 has 62 MA's), (79, 6932), (110, 6992), (145, 7085), (183, 7187),

Gene: Starcevich_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Starcevich_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: SteamedHams_12 Start: 6942, Stop: 7283, Start Num: 73

Candidate Starts for SteamedHams_12:

(Start: 73 @6942 has 62 MA's), (147, 7107), (197, 7257), (200, 7263),

Gene: Stellammi_7 Start: 5925, Stop: 6263, Start Num: 71

Candidate Starts for Stellammi_7:

(Start: 71 @5925 has 242 MA's), (97, 5961), (121, 6033), (131, 6057), (154, 6108), (156, 6111), (159, 6123), (160, 6126), (163, 6129), (182, 6183), (185, 6192), (204, 6252),

Gene: Stormborn_8 Start: 6095, Stop: 6442, Start Num: 75

Candidate Starts for Stormborn_8:

(46, 6032), (Start: 75 @6095 has 46 MA's), (96, 6125), (98, 6128), (120, 6200), (123, 6212), (153, 6284), (162, 6305), (176, 6347), (187, 6371), (188, 6374), (191, 6389), (202, 6422),

Gene: Strokeseat_8 Start: 6433, Stop: 6762, Start Num: 71

Candidate Starts for Strokeseat_8:

(7, 6163), (35, 6340), (Start: 71 @6433 has 242 MA's), (Start: 87 @6457 has 2 MA's), (105, 6496), (115, 6529), (121, 6541), (125, 6562), (131, 6568), (133, 6571), (139, 6589), (156, 6622), (163, 6640), (165, 6646), (174, 6676), (181, 6685), (190, 6709), (195, 6736), (196, 6739), (204, 6757),

Gene: Studio_11 Start: 6885, Stop: 7220, Start Num: 81

Candidate Starts for Studio_11:

(74, 6873), (Start: 81 @6885 has 4 MA's), (100, 6915),

Gene: Success_55 Start: 31095, Stop: 31421, Start Num: 83

Candidate Starts for Success_55:

(Start: 83 @31095 has 1 MA's), (Start: 87 @31104 has 2 MA's), (100, 31122), (115, 31182), (158, 31275), (173, 31317),

Gene: SummitAcademy_9 Start: 6769, Stop: 7110, Start Num: 73

Candidate Starts for SummitAcademy_9:

(Start: 73 @6769 has 62 MA's), (99, 6805), (143, 6928), (200, 7090),

Gene: SuperGrey_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for SuperGrey_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Supernova_8 Start: 6091, Stop: 6438, Start Num: 75

Candidate Starts for Supernova_8:

(46, 6028), (Start: 75 @6091 has 46 MA's), (96, 6121), (98, 6124), (110, 6166), (120, 6196), (123, 6208), (153, 6280), (162, 6301), (176, 6343), (187, 6367), (188, 6370), (191, 6385), (202, 6418),

Gene: Survivors_12 Start: 7674, Stop: 8024, Start Num: 73

Candidate Starts for Survivors_12:

(47, 7614), (61, 7650), (Start: 73 @7674 has 62 MA's), (Start: 87 @7692 has 2 MA's), (102, 7716), (110, 7743), (145, 7839), (152, 7854), (165, 7884), (180, 7938), (196, 7995),

Gene: SwagPiggett_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for SwagPiggett_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (121, 6553), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (193, 6739), (195, 6748), (196, 6751), (204, 6769),

Gene: SweatNTears_12 Start: 7427, Stop: 7768, Start Num: 73

Candidate Starts for SweatNTears_12:

(Start: 73 @7427 has 62 MA's), (125, 7550), (183, 7691), (197, 7742), (200, 7748),

Gene: TChen_9 Start: 6903, Stop: 7235, Start Num: 71

Candidate Starts for TChen_9:

(Start: 71 @6903 has 242 MA's), (Start: 87 @6927 has 2 MA's), (111, 6987), (117, 7008), (121, 7014), (144, 7074), (150, 7083), (152, 7089), (157, 7095), (181, 7155), (182, 7158), (200, 7218), (204, 7227),

Gene: TDanisky_8 Start: 6459, Stop: 6788, Start Num: 71

Candidate Starts for TDanisky_8:

(7, 6189), (35, 6366), (Start: 71 @6459 has 242 MA's), (Start: 87 @6483 has 2 MA's), (105, 6522), (115, 6555), (121, 6567), (125, 6588), (131, 6594), (133, 6597), (139, 6615), (156, 6648), (163, 6666), (165, 6672), (168, 6684), (174, 6702), (181, 6711), (190, 6735), (195, 6762), (196, 6765), (204, 6783),

Gene: TMaxx_11 Start: 7008, Stop: 7340, Start Num: 84

Candidate Starts for TMaxx_11:

(Start: 84 @7008 has 7 MA's), (178, 7248),

Gene: Taj_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Taj_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Tarnish_10 Start: 7068, Stop: 7409, Start Num: 73

Candidate Starts for Tarnish_10:

(Start: 73 @7068 has 62 MA's), (99, 7104), (101, 7107), (143, 7227), (151, 7242), (200, 7389),

Gene: Tchotchke_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Tchotchke_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: ThetaBob_9 Start: 6783, Stop: 7115, Start Num: 71

Candidate Starts for ThetaBob_9:

(Start: 71 @6783 has 242 MA's), (Start: 87 @6807 has 2 MA's), (111, 6867), (117, 6888), (121, 6894), (144, 6954), (150, 6963), (152, 6969), (157, 6975), (181, 7035), (182, 7038), (200, 7098), (204, 7107),

Gene: Tolls_12 Start: 6945, Stop: 7286, Start Num: 73

Candidate Starts for Tolls_12:

(Start: 73 @6945 has 62 MA's), (147, 7110), (197, 7260), (200, 7266),

Gene: TootsiePop_9 Start: 6299, Stop: 6628, Start Num: 71

Candidate Starts for TootsiePop_9:

(Start: 71 @6299 has 242 MA's), (Start: 87 @6323 has 2 MA's), (105, 6362), (115, 6395), (121, 6407), (125, 6428), (131, 6434), (133, 6437), (139, 6455), (150, 6476), (156, 6488), (163, 6506), (165, 6512), (168, 6524), (174, 6542), (181, 6551), (190, 6575), (195, 6602), (196, 6605), (204, 6623),

Gene: Tootsieroll_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for Tootsieroll_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (150, 6473), (156, 6485), (163, 6503), (165, 6509), (168, 6521), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Topiatin_10 Start: 7096, Stop: 7428, Start Num: 71

Candidate Starts for Topiatin_10:

(Start: 71 @7096 has 242 MA's), (Start: 87 @7120 has 2 MA's), (99, 7138), (111, 7177), (117, 7198), (123, 7213), (131, 7231), (137, 7249), (150, 7273), (156, 7285), (158, 7291), (163, 7303), (165, 7309), (174, 7339), (190, 7372),

Gene: Toron_9 Start: 6903, Stop: 7235, Start Num: 71

Candidate Starts for Toron_9:

(Start: 71 @6903 has 242 MA's), (Start: 87 @6927 has 2 MA's), (111, 6987), (121, 7014), (144, 7074), (150, 7083), (152, 7089), (157, 7095), (181, 7155), (182, 7158), (200, 7218), (204, 7227),

Gene: Totinger_9 Start: 6297, Stop: 6626, Start Num: 71

Candidate Starts for Totinger_9:

(Start: 71 @6297 has 242 MA's), (Start: 87 @6321 has 2 MA's), (105, 6360), (115, 6393), (121, 6405), (125, 6426), (131, 6432), (133, 6435), (139, 6453), (156, 6486), (163, 6504), (165, 6510), (168, 6522), (174, 6540), (181, 6549), (190, 6573), (195, 6600), (196, 6603), (204, 6621),

Gene: Trine_8 Start: 6505, Stop: 6810, Start Num: 95

Candidate Starts for Trine_8:

(92, 6502), (Start: 95 @6505 has 7 MA's), (100, 6514), (122, 6592), (123, 6598), (140, 6652), (163, 6682),

Gene: TripleC_14 Start: 10502, Stop: 10834, Start Num: 84

Candidate Starts for TripleC_14:

(Start: 84 @10502 has 7 MA's), (196, 10805),

Gene: Troje_10 Start: 6901, Stop: 7242, Start Num: 73

Candidate Starts for Troje_10:

(Start: 73 @6901 has 62 MA's), (125, 7024), (183, 7165), (197, 7216), (200, 7222),

Gene: Tweety_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Tweety_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Typhonomachy_10 Start: 6923, Stop: 7264, Start Num: 73

Candidate Starts for Typhonomachy_10:

(36, 6824), (37, 6827), (39, 6833), (Start: 73 @6923 has 62 MA's), (79, 6932), (110, 6992), (145, 7085), (183, 7187),

Gene: UncleRicky_9 Start: 6296, Stop: 6625, Start Num: 71

Candidate Starts for UncleRicky_9:

(Start: 71 @6296 has 242 MA's), (Start: 87 @6320 has 2 MA's), (105, 6359), (115, 6392), (121, 6404), (125, 6425), (131, 6431), (133, 6434), (139, 6452), (156, 6485), (163, 6503), (165, 6509), (174, 6539), (181, 6548), (190, 6572), (195, 6599), (196, 6602), (204, 6620),

Gene: Upyo_8 Start: 6522, Stop: 6830, Start Num: 95

Candidate Starts for Upyo_8:

(Start: 95 @6522 has 7 MA's), (114, 6588), (119, 6603), (122, 6612), (123, 6618), (163, 6702), (183, 6756),

Gene: VRedHorse_8 Start: 6445, Stop: 6774, Start Num: 71

Candidate Starts for VRedHorse_8:

(7, 6175), (35, 6352), (Start: 71 @6445 has 242 MA's), (Start: 87 @6469 has 2 MA's), (105, 6508), (115, 6541), (125, 6574), (131, 6580), (133, 6583), (139, 6601), (156, 6634), (163, 6652), (165, 6658), (168, 6670), (174, 6688), (181, 6697), (190, 6721), (195, 6748), (196, 6751), (204, 6769),

Gene: Velveteen_9 Start: 6295, Stop: 6624, Start Num: 71

Candidate Starts for Velveteen_9:

(Start: 71 @6295 has 242 MA's), (Start: 87 @6319 has 2 MA's), (115, 6391), (121, 6403), (125, 6424), (131, 6430), (133, 6433), (139, 6451), (156, 6484), (163, 6502), (165, 6508), (168, 6520), (174, 6538), (181, 6547), (190, 6571), (195, 6598), (196, 6601), (204, 6619),

Gene: Veteran_8 Start: 6460, Stop: 6789, Start Num: 71

Candidate Starts for Veteran_8:

(7, 6190), (35, 6367), (Start: 71 @6460 has 242 MA's), (Start: 87 @6484 has 2 MA's), (105, 6523), (115, 6556), (121, 6568), (125, 6589), (131, 6595), (133, 6598), (139, 6616), (150, 6637), (156, 6649), (163, 6667), (165, 6673), (174, 6703), (181, 6712), (190, 6736), (195, 6763), (196, 6766), (204, 6784),

Gene: Vine_11 Start: 7698, Stop: 8039, Start Num: 73

Candidate Starts for Vine_11:

(Start: 73 @7698 has 62 MA's), (99, 7734), (143, 7857), (151, 7872), (200, 8019),

Gene: Violac_8 Start: 6446, Stop: 6775, Start Num: 71

Candidate Starts for Violac_8:

(7, 6176), (35, 6353), (Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (105, 6509), (115, 6542), (121, 6554), (125, 6575), (131, 6581), (133, 6584), (139, 6602), (156, 6635), (163, 6653), (165, 6659), (168, 6671), (174, 6689), (181, 6698), (190, 6722), (195, 6749), (196, 6752), (204, 6770),

Gene: Vivum_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for Vivum_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (121, 6552), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (195, 6747), (196, 6750), (204, 6768),

Gene: WST1_9 Start: 7425, Stop: 7781, Start Num: 91

Candidate Starts for WST1_9:

(4, 7023), (10, 7134), (30, 7275), (32, 7284), (38, 7305), (58, 7365), (91, 7425), (Start: 106 @7461 has 1 MA's), (118, 7506), (141, 7587), (163, 7629), (184, 7701), (197, 7746), (198, 7749), (207, 7776),

Gene: Wachhund_8 Start: 6436, Stop: 6765, Start Num: 71

Candidate Starts for Wachhund_8:

(Start: 71 @6436 has 242 MA's), (Start: 87 @6460 has 2 MA's), (105, 6499), (115, 6532), (121, 6544), (125, 6565), (131, 6571), (133, 6574), (139, 6592), (156, 6625), (163, 6643), (165, 6649), (168, 6661), (174, 6679), (181, 6688), (190, 6712), (195, 6739), (196, 6742), (204, 6760),

Gene: Wallaby_14 Start: 7795, Stop: 8169, Start Num: 61

Candidate Starts for Wallaby_14:

(47, 7759), (61, 7795), (Start: 73 @7819 has 62 MA's), (Start: 87 @7837 has 2 MA's), (102, 7861), (110, 7888), (145, 7984), (152, 7999), (165, 8029), (180, 8083), (196, 8140),

Gene: Wee_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Wee_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (156, 6635), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Whatsapiecost_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for Whatsapiecost_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Whitney_10 Start: 6480, Stop: 6827, Start Num: 67

Candidate Starts for Whitney_10:

(54, 6444), (Start: 67 @6480 has 20 MA's), (94, 6519), (110, 6561), (136, 6633), (145, 6654), (147, 6657), (164, 6690), (177, 6735), (193, 6786), (197, 6801), (204, 6816),

Gene: Whouxphf_8 Start: 6435, Stop: 6764, Start Num: 71

Candidate Starts for Whouxphf_8:

(Start: 71 @6435 has 242 MA's), (Start: 87 @6459 has 2 MA's), (105, 6498), (115, 6531), (121, 6543), (125, 6564), (131, 6570), (133, 6573), (139, 6591), (156, 6624), (163, 6642), (165, 6648), (174, 6678), (181, 6687), (190, 6711), (195, 6738), (196, 6741), (204, 6759),

Gene: Widow_8 Start: 6478, Stop: 6795, Start Num: 95

Candidate Starts for Widow_8:

(Start: 95 @6478 has 7 MA's), (123, 6568), (140, 6622), (179, 6709),

Gene: WillSterrel_8 Start: 6434, Stop: 6766, Start Num: 71

Candidate Starts for WillSterrel_8:

(Start: 71 @6434 has 242 MA's), (86, 6455), (Start: 87 @6458 has 2 MA's), (105, 6497), (117, 6536), (131, 6569), (133, 6572), (146, 6605), (150, 6611), (163, 6641), (165, 6647), (174, 6677), (190, 6710), (195, 6737), (200, 6749), (204, 6758),

Gene: Wizzo_8 Start: 6103, Stop: 6450, Start Num: 75

Candidate Starts for Wizzo_8:

(46, 6040), (Start: 75 @6103 has 46 MA's), (96, 6133), (98, 6136), (110, 6178), (120, 6208), (123, 6220), (153, 6292), (162, 6313), (176, 6355), (187, 6379), (188, 6382), (191, 6397), (202, 6430),

Gene: Wolfwood_12 Start: 7819, Stop: 8169, Start Num: 73

Candidate Starts for Wolfwood_12:

(47, 7759), (61, 7795), (Start: 73 @7819 has 62 MA's), (Start: 87 @7837 has 2 MA's), (102, 7861), (110, 7888), (145, 7984), (152, 7999), (165, 8029), (180, 8083), (196, 8140),

Gene: Wrigley_10 Start: 7328, Stop: 7675, Start Num: 72

Candidate Starts for Wrigley_10:

(43, 7250), (Start: 72 @7328 has 33 MA's), (121, 7436), (176, 7583), (200, 7655),

Gene: XFactor_8 Start: 6446, Stop: 6778, Start Num: 71

Candidate Starts for XFactor_8:

(Start: 71 @6446 has 242 MA's), (Start: 87 @6470 has 2 MA's), (99, 6488), (111, 6527), (117, 6548), (123, 6563), (131, 6581), (137, 6599), (150, 6623), (158, 6641), (163, 6653), (165, 6659), (174, 6689), (190, 6722),

Gene: Yakult_11 Start: 6834, Stop: 7175, Start Num: 73

Candidate Starts for Yakult_11:

(39, 6744), (40, 6747), (43, 6753), (Start: 73 @6834 has 62 MA's), (101, 6876), (110, 6906), (120, 6936), (170, 7056), (171, 7059), (200, 7155),

Gene: Yarn_9 Start: 6935, Stop: 7276, Start Num: 73

Candidate Starts for Yarn_9:

(Start: 73 @6935 has 62 MA's), (147, 7100), (197, 7250), (200, 7256),

Gene: Yorick_8 Start: 6443, Stop: 6772, Start Num: 71

Candidate Starts for Yorick_8:

(7, 6173), (35, 6350), (Start: 71 @6443 has 242 MA's), (Start: 87 @6467 has 2 MA's), (105, 6506), (115, 6539), (121, 6551), (125, 6572), (131, 6578), (133, 6581), (139, 6599), (150, 6620), (156, 6632), (163, 6650), (165, 6656), (168, 6668), (174, 6686), (181, 6695), (190, 6719), (193, 6737), (195, 6746), (196, 6749), (204, 6767),

Gene: Yoshi_10 Start: 6437, Stop: 6790, Start Num: 72

Candidate Starts for Yoshi_10:

(51, 6386), (53, 6392), (Start: 72 @6437 has 33 MA's), (91, 6467), (111, 6518), (147, 6623), (156, 6641), (169, 6674), (197, 6764),

Gene: Yucky_10 Start: 7558, Stop: 7899, Start Num: 73

Candidate Starts for Yucky_10:

(Start: 73 @7558 has 62 MA's), (99, 7594), (143, 7717), (200, 7879),

Gene: Yummy_11 Start: 6805, Stop: 7146, Start Num: 73

Candidate Starts for Yummy_11:

(Start: 73 @6805 has 62 MA's), (125, 6928), (183, 7069), (197, 7120), (200, 7126),

Gene: Zapner_11 Start: 6962, Stop: 7315, Start Num: 72

Candidate Starts for Zapner_11:

(51, 6911), (53, 6917), (Start: 72 @6962 has 33 MA's), (91, 6992), (111, 7043), (147, 7148), (156, 7166), (169, 7199), (197, 7289),

Gene: Zareef_12 Start: 7821, Stop: 8171, Start Num: 73

Candidate Starts for Zareef_12:

(47, 7761), (61, 7797), (Start: 73 @7821 has 62 MA's), (Start: 87 @7839 has 2 MA's), (102, 7863), (110, 7890), (145, 7986), (152, 8001), (165, 8031), (180, 8085), (196, 8142),

Gene: Zerg_8 Start: 6444, Stop: 6773, Start Num: 71

Candidate Starts for Zerg_8:

(7, 6174), (35, 6351), (Start: 71 @6444 has 242 MA's), (Start: 87 @6468 has 2 MA's), (105, 6507), (115, 6540), (125, 6573), (131, 6579), (133, 6582), (139, 6600), (156, 6633), (163, 6651), (165, 6657), (168, 6669), (174, 6687), (181, 6696), (190, 6720), (195, 6747), (196, 6750), (204, 6768),

Gene: Zizzle_8 Start: 6447, Stop: 6776, Start Num: 71

Candidate Starts for Zizzle_8:

(7, 6177), (35, 6354), (Start: 71 @6447 has 242 MA's), (Start: 87 @6471 has 2 MA's), (105, 6510), (115, 6543), (121, 6555), (125, 6576), (131, 6582), (133, 6585), (139, 6603), (156, 6636), (163, 6654), (165, 6660), (168, 6672), (174, 6690), (181, 6699), (190, 6723), (193, 6741), (195, 6750), (196, 6753), (204, 6771),