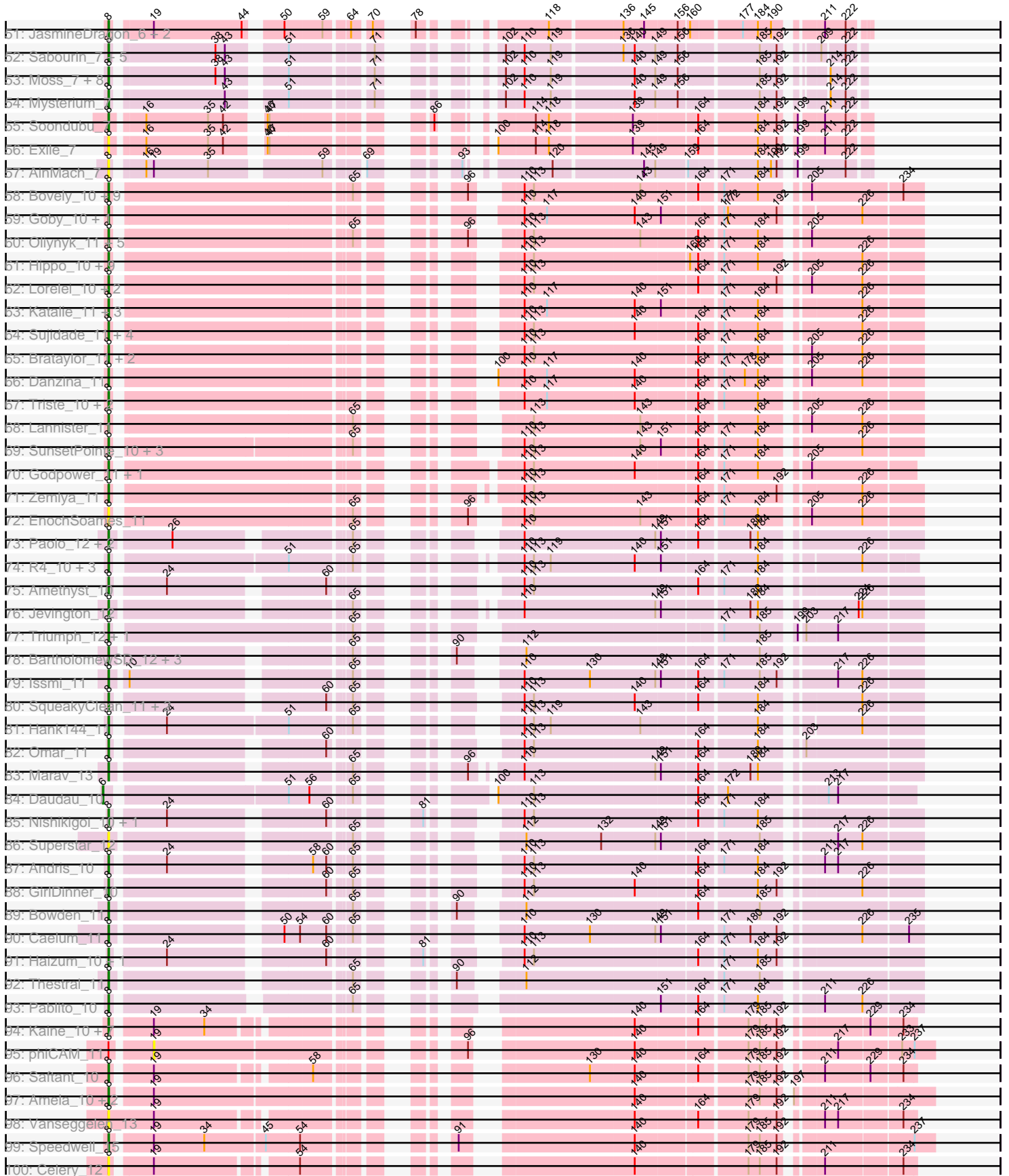
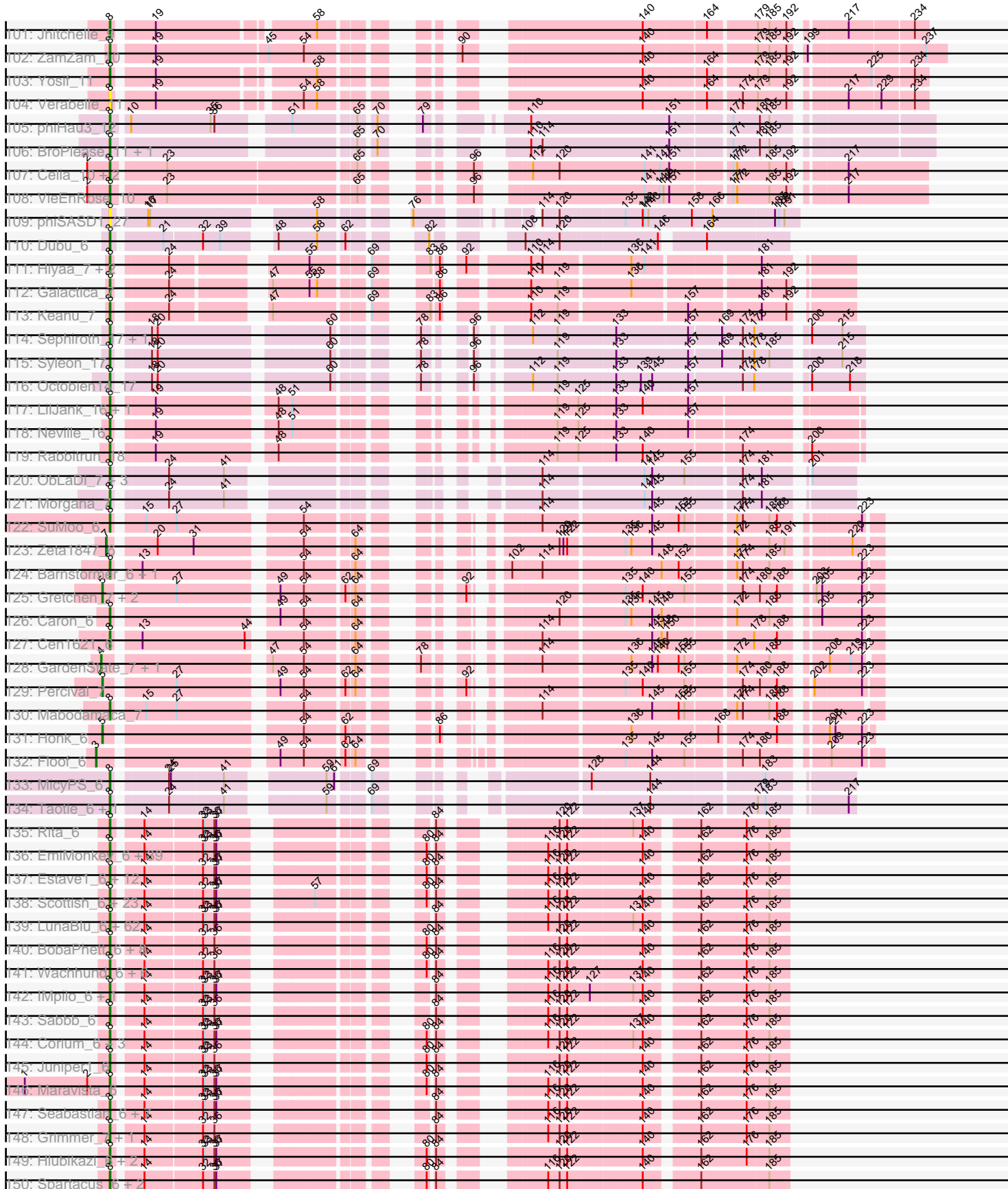


Pham 311044





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 311044 Report

This analysis was run 06/27/26 on database version 652.

WARNING: Pham size does not match number of genes in report. Either unphamerated genes have been added (by you) or starterator has removed genes due to invalid start codon.

Pham number 311044 has 580 members, 78 are drafts.

Phages represented in each track:

- Track 1 : Flutur_7
- Track 2 : Michkear_10
- Track 3 : ThursdayNight_6
- Track 4 : Cassia_7
- Track 5 : Eraser_7, Jstan_7, Asa16_7, London_7, Niobe_7
- Track 6 : Pixelle_7
- Track 7 : JuneStar_7
- Track 8 : ObiToo_7
- Track 9 : Berrie_7
- Track 10 : Elezi_7, Skelbel_7, Subaru_7
- Track 11 : Nitro_7
- Track 12 : Turab_7, Amploria_7
- Track 13 : MissSwiss_7, PandaPo_7
- Track 14 : Powerpuff_7, Lego_7, YesChef_7, Tutumahutu_7
- Track 15 : IttyBittyPiggy_7
- Track 16 : AGrandiflora_7, Warda_7
- Track 17 : Ascela_7
- Track 18 : Amyev_7, Tian_7
- Track 19 : Tallboi_7
- Track 20 : JohnDoe_7, Cyan_7
- Track 21 : AEgle_7
- Track 22 : DrManhattan_7, Adolin_7
- Track 23 : Mudpuppy_7, Tbone_7
- Track 24 : KeAlii_7
- Track 25 : Tuck_8
- Track 26 : Joemato_7, Kaylissa_7, Simpson_7
- Track 27 : Adumb2043_7
- Track 28 : Wildwest_8
- Track 29 : Reedo_7
- Track 30 : Yang_7
- Track 31 : VResidence_7
- Track 32 : DrSierra_7
- Track 33 : Phives_8

- Track 34 : Lizalica_7
- Track 35 : lter_7
- Track 36 : Schaffner_7
- Track 37 : Janeemi_8
- Track 38 : Sue2_7
- Track 39 : Crewmate_8
- Track 40 : TforTroy_7
- Track 41 : Pumpkins_7
- Track 42 : Community_8
- Track 43 : MaGuCo_6
- Track 44 : Maureen_6, Liebe_6, IUFootball_6
- Track 45 : Tweety19_7
- Track 46 : Snek_7
- Track 47 : Origami_6, LadyAstra_6
- Track 48 : AceofSpades_6, VroomVroom_6
- Track 49 : FiveHead_6, JohnThicc_6
- Track 50 : Emotion_6
- Track 51 : JasmineDragon_6, ShakeltOph_6, MiniMommy_6
- Track 52 : Sabourin_7, Sooty_7, Gambol_7, Donkey_7, Kalimba_7, Cappuccino_7
- Track 53 : Moss_7, Halsey_7, Stuu_7, Ashes_7, RockScotty_7, Giorgio_7, SpecialK_7, Gumpizza_7, Beaupre_7
- Track 54 : Mysterium_7
- Track 55 : Soondubu_7
- Track 56 : Exile_7
- Track 57 : AinMach_7
- Track 58 : Bovely_10, Nerdos_10, Aaronocolus_10, Leviticus_10, BeardedLady_11, Esperer_10, Indigo_10, Ozzie_10, Phettuccine_10, Caliburn_10
- Track 59 : Goby_10, Toma_10
- Track 60 : Oliynyk_11, BryanRecycles_11, Rusticus_11, Jash_11, Eddasa_11, Izzy_11
- Track 61 : Hippo_10, Whatever_10, BarryBee_12, Snorlax_10, SarahRose_10, Dwayne_10, Chucky_10, Emaanora_12, Werner_10, TagePhighter_11
- Track 62 : Lorelei_10, Rana_10, Nabi_10
- Track 63 : Katalie_11, RedBear_12, South40_11, Nanodon_12
- Track 64 : Sujidade_11, Maneekul_10, TuanPN_10, Ejemplo_10, Yasdnil_10
- Track 65 : Brataylor_11, Celeste_10, Dattran_11
- Track 66 : Danzina_11
- Track 67 : Triste_10, OzzyJ_11, Asten_10
- Track 68 : Lannister_11
- Track 69 : SunsetPointe_10, Hydra_12, Unstoppable_10, Legacy_10
- Track 70 : Godpower_11, Lika_10
- Track 71 : Zemlya_11
- Track 72 : EnochSoames_11
- Track 73 : Paolo_12, Zainub_12, Puginator_12
- Track 74 : R4_10, ELB20_09, Loofah_11, Paedore_10
- Track 75 : Amethyst_10
- Track 76 : Jevington_12
- Track 77 : Triumph_12, Axiom_11
- Track 78 : BartholomewSD_12, Alvy_12, TrvxScott_9, TinaBelcher_10
- Track 79 : lssmi_11
- Track 80 : SqueakyClean_11, Janus_11, Animus_11
- Track 81 : Hank144_11
- Track 82 : Omar_11

- Track 83 : Marav_13
- Track 84 : Daudau_10
- Track 85 : Nishikigoi_10, Diane_10
- Track 86 : Superstar_12
- Track 87 : Andris_10
- Track 88 : GirlDinner_10
- Track 89 : Bowden_11
- Track 90 : Caelum_11
- Track 91 : Haizum_10, Tefunt_10
- Track 92 : Thestral_11
- Track 93 : Pablito_10
- Track 94 : Kaine_10, Conan_11, Dexers_9, ElGato_11, Provolone_11, Sudan_10, Pavo_11, Alsaber_11
- Track 95 : phiCAM_11
- Track 96 : Saftant_10
- Track 97 : Amela_10, Verse_10, SunkenRoot_12
- Track 98 : Vanseggelen_13
- Track 99 : Speedwell_15
- Track 100 : Celery_12
- Track 101 : Jhitchelle_9
- Track 102 : ZamZam_10
- Track 103 : Yosif_11
- Track 104 : Verabelle_11
- Track 105 : phiHau3_12
- Track 106 : BroPlease_11, GreenWeasel_12
- Track 107 : Celia_10, Itza_10, Urza_10
- Track 108 : VieEnRose_10
- Track 109 : phiSASD1_27
- Track 110 : Dubu_6
- Track 111 : Hiyaa_7, Spocter_7, Kokushibo_8
- Track 112 : Galactica_7
- Track 113 : Keanu_7
- Track 114 : Sephiroth_17, Kudefre_16
- Track 115 : Syleon_17
- Track 116 : Octobien14_17
- Track 117 : LilJank_16, Trax_16
- Track 118 : Neville_16
- Track 119 : Rabbitrun_18
- Track 120 : ObLaDi_7, ModicumRichard_7, Cafasso_7, Aleemily_7
- Track 121 : Morgana_7
- Track 122 : SuMoo_6
- Track 123 : Zeta1847_6
- Track 124 : Barnstormer_6, UtzChips_6
- Track 125 : Gretchen_7, Forester_7, SuperHands_7
- Track 126 : Caron_6
- Track 127 : Cen1621_6
- Track 128 : GardenState_7, IAmGroot_7
- Track 129 : Percival_7
- Track 130 : Mabodamaca_7
- Track 131 : Honk_6
- Track 132 : Floof_6
- Track 133 : MicyPS_6
- Track 134 : Taotie_6, PSonyx_6

- Track 135 : Rita_6
- Track 136 : EmiMonkey_6, Eish_6, ByChance_6, Veteran_6, Burwell21_6, Latretium_6, Vivum_6, Okabe_8, Violac_6, Sandalphon_6, Minnie_6, GigiOuiOui_6, Moonbeam_6, PMC_6, PhlipPhlop_6, Mantra_6, Philus_6, SwagPigglett_6, LilMoolah_6, Kersh_6, Eradicator_6, FreddyB_6, Phatniss_6, Blexus_6, Cheesepuff_6, ShiLan_6, Jarcob_6, Martik_6, Fancypants_6, Yorick_6, Doug_6, ShowerHandel_6, Saal_6, Llij_6, Lizziana_6, GUMbie_6, Gorge_6, Brocalys_6, Rockne_6, Priscilla_6
- Track 137 : Estave1_6, lbhubesi_6, VRedHorse_6, Florinda_6, Harley_6, Nivrat_6, Crumble_6, Byougenkin_6, Phasih_6, Nitzel_7, Dante_6, Che8_6, OlympiaSaint_6
- Track 138 : Scottish_6, Nimbo_6, KingMidas_6, Dorothy_6, OldBen_6, BlueCrab_6, Pacc40_6, Polka14_6, Leperchaun_6, Empress_6, Inventum_6, Sassafras_6, Deb65_6, DaddyRickover_6, RedBird_6, Radiance_6, RitaG_6, BodEinwohner17_6, PHappiness_6, JoeyJr_6, Geralt_6, Doomphist_6, Daenerys_6, Poenanya_6
- Track 139 : LunaBlu_6, Ovechkin_6, Guppsters_6, Mwanjiwa_6, Taj_6, Firehouse51_6, StAnnes_6, Clank_6, Polo2Bam_7, Batiatus_6, Phanphagia_6, Shauna1_6, Phalconet_6, PopTart_6, Kenuha5_6, XFactor_6, Zizzle_6, SuperGrey_6, Bipolar_6, Melissaueren88_6, Hades_6, Ms6_6, DotProduct_6, EleanorGeorge_6, Topiatin_8, MilanaBonita_7, Fruitloop_6, Aubs_6, Pippy_6, SG4_6, SeaLumen_6, Royals2015_6, SiSi_6, CaptainTrips_7, Galactic_6, QuickMath_6, Medindi_6, Krakatau_7, PhesterPhotato_6, Koella_6, KristaRAM_7, MilleniumForce_7, Jennelsea_6, DoRead_6, NewHope4_6, NormanBulbieJr_6, DillTech15_6, Wee_6, MinionDave_7, Jant_6, Chuckly_6, Whatsapiecost_6, Tweety_6, DeadP_6, Akhila_7, Hamulus_6, Clifton_6, Filuzino_6, Emma_6, lbOuu_6, Ardmore_6, SassyB_6, Enzomatic_7
- Track 140 : BobaPhett_6, Girr_6, James_6, Cabrinians_6, Mattes_6, Whouxphf_6, MisterCuddles_6, LastJedi_6, Ruby_6
- Track 141 : Wachhund_6, MulchSalad_6, Fastidio_6, Chevrolet_6, Gandalph_6, Karhdo_6, ArcusAngelus_6
- Track 142 : IMpilo_6, DLane_6
- Track 143 : Sabbb_6
- Track 144 : Corium_6, KingJulian_6, PatoPoderoso_6, ShroomBoi_6
- Track 145 : Juniper1_6
- Track 146 : Maravista_6
- Track 147 : Seabastian_6, Modragons_6, Ochi17_6, Nichirin_6, Llama_6, AlpineSix_6, OfUltron_6, Jinglebell_6
- Track 148 : Grimmer_7, Mahavrat_6
- Track 149 : Hlubikazi_6, Strokeseat_6, Mandlovu_6
- Track 150 : Spartacus_6, IrishSherpFalk_6, WillSterrel_6
- Track 151 : MadMen_6
- Track 152 : Zerg_6
- Track 153 : Donkeykong_6, Bubbles123_6
- Track 154 : Mutaforma13_6
- Track 155 : TDanisky_6, DRBy19_6, Sparkdehlily_6
- Track 156 : Spoonbill_6
- Track 157 : Colossa_8
- Track 158 : VanLee_8
- Track 159 : CicholasNage_8, DirkDirk_8, OhShagHennessy_8, Zaria_8, AvadaKedavra_8, JoeDirt_8, Wamburgrxpress_8, UPIE_8, Calm_8, Tyson_8, Acquire49_8, Wyatt2_8, Rose5_8, Enceladus_8, Halena_8, Silverleaf_8, MAckerman_8, Poochiewood_8
- Track 160 : LeBron_8, Appletree2_8

- Track 161 : Underpass_8, Nicholasp3_8, BobsGarage_8, OverPar_8, Miley16_8, Loadrie_8, Gardann_8, SoJulia_8, MkaliMitinis3_8, BigCheese_8, Faith1_8, Breezona_8, Itos_8, Netyap_8, LilDestine_8, Gabriela_8, Winky_8, Sarshaun_8, Lewan_8, DrSeegs_8, Rumpelstiltskin_8, Vetrix_8, Soap141_8, Finemlucis_8, Kahlid_8, Wilder_8, Crossroads_8, Zakai_8, Hafay_8, Wigglewiggle_8
- Track 162 : Lynnae_8
- Track 163 : Bazzle_8
- Track 164 : Rossetti_8
- Track 165 : DHan_8, Claus_8, Baoshan_7, ZhongYanYuan_7
- Track 166 : DanBing_7
- Track 167 : GuuelaD_8
- Track 168 : Tourach_8
- Track 169 : Archie_8
- Track 170 : Krypton555_9
- Track 171 : Nicholas_9, Red305_9, Clautastrophe_9, Jobypre_9, Lumos_9, Jubie_9, TriFive_9, Kingsolomon_9, Snenia_9, MsGreen_9
- Track 172 : MiniLon_9, Lolly9_9
- Track 173 : Samty_9, Bellis_9, Moostard_9, Finnry_9
- Track 174 : MiniMac_9
- Track 175 : KirDoubleO7_7, BourbonZero_8, LiyuLake_9, DuncansLeg_9
- Track 176 : Ellson_9
- Track 177 : Whirlwind_10
- Track 178 : Douzhi_8, PYPDinur_8, Sheng711_8, BrainDrainer_9
- Track 179 : FarmResident_8
- Track 180 : Douge_8, Quby_8
- Track 181 : DyoEdafos_9
- Track 182 : ChutneyChips_8
- Track 183 : Chaser_8
- Track 184 : Bromden_8
- Track 185 : Kropertea_8
- Track 186 : Aegeus_8, Baudelaire_8
- Track 187 : TpudiCK_19, Izel_19, Glaske16_19, FreakyGoo_19, Bricole_18, IPhane7_18, KleverKiS_18, PegLeg_18, Skinny_19, TyDawg_18, Auspice_18, Dulcita_19, Diminimus_19, LilhomieP_17, Bongo_18, SlimJimmy_17
- Track 188 : RoseMarie_18
- Track 189 : Reindeer_16
- Track 190 : GenevaB15_22, GardenSalsa_22, MrMagoo_22, Aziz_22
- Track 191 : Rey_22
- Track 192 : Estes_23
- Track 193 : Nanosmite_22
- Track 194 : RunningOnE_67
- Track 195 : EniyanLRS_27
- Track 196 : Cosmo_30, Azrael100_29
- Track 197 : MaryV_30, Wildcat_30
- Track 198 : Footloose_6
- Track 199 : BigAnti_12
- Track 200 : Attoomi_7
- Track 201 : Jace_6
- Track 202 : Ponzi_46
- Track 203 : EmiRose_6
- Track 204 : Kumao_17

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

The start number called the most often in the published annotations is 8, it was called in 470 of the 502 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- AEgle_7, AGrandiflora_7, Aaronocolus_10, AceofSpades_6, Acquire49_8, Adolin_7, Adumb2043_7, Aegeus_8, AinMach_7, Akhila_7, Aleemily_7, AlpineSix_6, Alsaber_11, Alvy_12, Amela_10, Amethyst_10, Amploria_7, Amyev_7, Andris_10, Animus_11, Appletree2_8, Archie_8, ArcusAngelus_6, Ardmore_6, Asa16_7, Ascela_7, Ashes_7, Asten_10, Attoomi_7, Aubs_6, Auspice_18, AvadaKedavra_8, Axiom_11, Aziz_22, Azrael100_29, Baoshan_7, Barnstormer_6, BarryBee_12, BartholomewSD_12, Batiatus_6, Baudelaire_8, Bazzle_8, BeardedLady_11, Beaupre_7, Berrie_7, BigAnti_12, BigCheese_8, Bipolar_6, Blexus_6, BlueCrab_6, BobaPhett_6, BobsGarage_8, BodEinwohner17_6, Bongo_18, Bovely_10, Bowden_11, BrainDrainer_9, Brataylor_11, Breezona_8, Bricole_18, BroPlease_11, Brocalys_6, Bromden_8, BryanRecycles_11, Bubbles123_6, Burwell21_6, ByChance_6, Byougenkin_6, Cabrinians_6, Caelum_11, Cafasso_7, Caliburn_10, Calm_8, Cappuccino_7, CaptainTrips_7, Caron_6, Cassia_7, Celery_12, Celeste_10, Celia_10, Cen1621_6, Chaser_8, Che8_6, CheesePuff_6, Chevrolet_6, Chuckly_6, Chucky_10, ChutneyChips_8, CicholasNage_8, Clank_6, Claus_8, Clifton_6, Colossa_8, Community_8, Conan_11, Corium_6, Cosmo_30, Crewmate_8, Crossroads_8, Crumble_6, Cyan_7, DHan_8, DLane_6, DRBy19_6, DaddyRickover_6, Daenerys_6, Dante_6, Danzina_11, Dattran_11, DeadP_6, Deb65_6, Dexers_9, Diane_10, DillTech15_6, Diminimus_19, DirkDirk_8, DoRead_6, Donkey_7, Donkeykong_6, Doomphist_6, Dorothy_6, DotProduct_6, Doug_6, Douge_8, Douzhi_8, DrManhattan_7, DrSeegs_8, DrSierra_7, Dubu_6, Dulcita_19, Dwayne_10, ELB20_09, Eddasa_11, Eish_6, Ejemplo_10, ElGato_11, EleanorGeorge_6, Elezi_7, Emaanora_12, EmiMonkey_6, EmiRose_6, Emma_6, Emotion_6, Empress_6, Enceladus_8, EniyanLRS_27, EnochSoames_11, Enzomatic_7, Eradicator_6, Eraser_7, Esperer_10, Estave1_6, Estes_23, Exile_7, Faith1_8, Fancypants_6, FarmResident_8, Fastidio_6, Filuzino_6, Finemlucis_8, Firehouse51_6, FiveHead_6, Florinda_6, Flutur_7, Footloose_6, FreakyGoo_19, FreddyB_6, Fruitloop_6, GUmbie_6, Gabriela_8, Galactic_6, Galactica_7, Gambol_7, Gandolph_6, Gardann_8, GardenSalsa_22, GenevaB15_22, Geralt_6, GigiOuiOui_6, Giorgio_7, GirlDinner_10, Girr_6, Glaske16_19, Goby_10, Godpower_11, Gorge_6, GreenWeasel_12, Grimmer_7, Gumpizza_7, Guppsters_6, GuuelaD_8, Hades_6, Hafay_8, Haizum_10, Halena_8, Halsey_7, Hamulus_6, Hank144_11, Harley_6, Hippo_10, Hiyaa_7, Hlubikazi_6, Hydra_12, IMpilo_6, IPhane7_18, IUFootball_6, IbOuu_6, Ibhubes_i_6, Indigo_10, Inventum_6, IrishSherpFalk_6, Issmi_11, Iter_7, Itos_8, IttyBittyPiggy_7, Itza_10, Izel_19, Izzy_11, Jace_6, James_6, Janeemi_8, Jant_6, Janus_11, Jarcob_6, Jash_11, JasmineDragon_6, Jennelsea_6, Jevington_12, Jhitchelle_9, Jinglebell_6, JoeDirt_8, Joemato_7, JoeyJr_6, JohnDoe_7, JohnThicc_6, Jstan_7, JuneStar_7, Juniper1_6, Kahlid_8, Kaine_10, Kalimba_7, Karhdo_6, Katalie_11, Kaylissa_7, KeAlii_7, Keanu_7, Kenuha5_6, Kersh_6, KingJulian_6, KingMidas_6, KleverKiS_18, Koella_6, Kokushibo_8, Krakatau_7, KristaRAM_7, Kudrefre_16, Kumao_17, LadyAstra_6, Lannister_11, LastJedi_6, Latretium_6, LeBron_8, Legacy_10, Lego_7, Leperchaun_6, Leviticus_10, Lewan_8, Liebe_6, Lika_10, LilDestine_8, LilJank_16, LilMoolah_6, LilhomieP_17, Lizalica_7, Lizziana_6, Llama_6, Llij_6, Loadrie_8, London_7, Loofah_11, Lorelei_10, LunaBlu_6, Lynnae_8, MAckerman_8, MaGuCo_6, Mabodamaca_7, MadMen_6, Mahavrat_6, Mandlovu_6, Maneekul_10, Mantra_6,

Marav_13, Maravista_6, Martik_6, MaryV_30, Mattes_6, Maureen_6, Medindi_6, Melissauren88_6, Michkear_10, MicyPS_6, MilanaBonita_7, Miley16_8, MilleniumForce_7, MiniMommy_6, MinionDave_7, Minnie_6, MissSwiss_7, MisterCuddles_6, MkaliMitinis3_8, ModicumRichard_7, Modragons_6, Moonbeam_6, Morgana_7, Moss_7, MrMagoo_22, Ms6_6, Mudpuppy_7, MulchSalad_6, Mutaforma13_6, Mwanjiwa_6, Mysterium_7, Nabi_10, Nanodon_12, Nanosmite_22, Nerdos_10, Netyap_8, Neville_16, NewHope4_6, Nichirin_6, Nicholasp3_8, Nimbo_6, Niobe_7, Nishikigoi_10, Nitro_7, Nitzel_7, Nivrat_6, NormanBulbieJr_6, ObLaDi_7, ObiToo_7, Ochi17_6, Octobien14_17, OfUltron_6, OhShagHennessy_8, Okabe_8, OldBen_6, Oliynyk_11, OlympiaSaint_6, Omar_11, Origami_6, Ovechkin_6, OverPar_8, Ozzie_10, OzzyJ_11, PHappiness_6, PMC_6, PSonyx_6, PYPDinur_8, Pablito_10, Pacc40_6, Paedore_10, PandaPo_7, Paolo_12, PatoPoderoso_6, Pavo_11, PegLeg_18, Phalconet_6, Phanphagia_6, Phasih_6, Phatniss_6, PhesterPhotato_6, Phettuccine_10, Philus_6, Phives_8, PhilipPhlop_6, Pippy_6, Pixelle_7, Poenanya_6, Polka14_6, Polo2Bam_7, Poochiewood_8, PopTart_6, Powerpuff_7, Priscilla_6, Provolone_11, Puginator_12, Pumpkins_7, Quby_8, QuickMath_6, R4_10, Rabbitrun_18, Radiance_6, Rana_10, RedBear_12, RedBird_6, Reedo_7, Reindeer_16, Rey_22, RitaG_6, Rita_6, RockScotty_7, Rockne_6, Rose5_8, RoseMarie_18, Rossetti_8, Royals2015_6, Ruby_6, Rumpelstiltskin_8, Rusticus_11, SG4_6, Saal_6, Sabbb_6, Sabourin_7, Saftant_10, Sandalphon_6, SarahRose_10, Sarshaun_8, Sassafras_6, SassyB_6, Schaffner_7, Scottish_6, SeaLumen_6, Sebastian_6, Sephiroth_17, ShakeltOph_6, Shauna1_6, Sheng711_8, ShiLan_6, ShowerHandel_6, ShroomBoi_6, SiSi_6, Silverleaf_8, Simpson_7, Skelbel_7, Skinny_19, SlimJimmy_17, Snek_7, Snorlax_10, SoJulia_8, Soap141_8, Soondubu_7, Sooty_7, South40_11, Sparkdehlily_6, Spartacus_6, SpecialK_7, Speedwell_15, Spocter_7, Spoonbill_6, SqueakyClean_11, StAnnes_6, Strokeseat_6, Stuu_7, SuMoo_6, Subaru_7, Sudan_10, Sue2_7, Sujidade_11, SunkenRoot_12, SunsetPointe_10, SuperGrey_6, Superstar_12, SwagPigglett_6, Syleon_17, TDanisky_6, TagePhighter_11, Taj_6, Tallboi_7, Taotie_6, Tbone_7, Tefunt_10, TforTroy_7, Thestral_11, ThursdayNight_6, Tian_7, TinaBelcher_10, Toma_10, Topiatin_8, Tourach_8, TpudiCK_19, Trax_16, Triste_10, Triumph_12, TrvxScott_9, TuanPN_10, Tuck_8, Turab_7, Tutumahutu_7, Tweety19_7, Tweety_6, TyDawg_18, Tyson_8, UPIE_8, Underpass_8, Unstoppable_10, Urza_10, UtzChips_6, VRedHorse_6, VResidence_7, VanLee_8, Vanseggelen_13, Verabelle_11, Verse_10, Veteran_6, Vetrrix_8, VieEnRose_10, Violac_6, Vivum_6, VroomVroom_6, Wachhund_6, Wamburggrxpress_8, Warda_7, Wee_6, Werner_10, Whatever_10, Whatsapiecost_6, Whouxphf_6, Wigglewiggle_8, Wildcat_30, Wilder_8, Wildwest_8, WillSterrel_6, Winky_8, Wyatt2_8, XFactor_6, Yang_7, Yasdni1_10, YesChef_7, Yorick_6, Yosif_11, Zainub_12, Zakai_8, ZamZam_10, Zaria_8, Zemlya_11, Zerg_6, ZhongYanYuan_7, Zizzle_6, phiHau3_12, phiSASD1_27,

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

- DanBing_7, Ponzi_46, phiCAM_11,

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

- Bellis_9, BourbonZero_8, Clautastrophe_9, Daudau_10, DuncansLeg_9, DyoEdafos_9, Ellson_9, Finnry_9, Floof_6, Forester_7, GardenState_7, Gretchen_7, Honk_6, IAmGroot_7, Jobypre_9, Jubie_9, Kingsolomon_9, KirDoubleO7_7, Kropertea_8, Krypton555_9, LiyuLake_9, Lolly9_9, Lumos_9, MiniLon_9, MiniMac_9, Moostard_9, MsGreen_9, Nicholas_9, Percival_7, Red305_9, RunningOnE_67, Samty_9, Snenia_9, SuperHands_7, TriFive_9, Whirlwind_10, Zeta1847_6,

Summary by start number:

Start 3:

- Found in 1 of 580 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 502
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Floof_6 (EH),

Start 4:

- Found in 2 of 580 (0.3%) of genes in pham
- Manual Annotations of this start: 2 of 502
- Called 100.0% of time when present
- Phage (with cluster) where this start called: GardenState_7 (EH), IAmGroot_7 (EH),

Start 5:

- Found in 5 of 580 (0.9%) of genes in pham
- Manual Annotations of this start: 5 of 502
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Forester_7 (EH), Gretchen_7 (EH), Honk_6 (EH), Percival_7 (EH), SuperHands_7 (EH),

Start 6:

- Found in 27 of 580 (4.7%) of genes in pham
- Manual Annotations of this start: 22 of 502
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bellis_9 (L3), BourbonZero_8 (L3), Clautastrophe_9 (L3), Daudau_10 (BD2), DuncansLeg_9 (L3), DyoEdafos_9 (L4), Ellson_9 (L3), Finnry_9 (L3), Jobypre_9 (L3), Jubie_9 (L3), Kingsolomon_9 (L3), KirDoubleO7_7 (L3), Kropertea_8 (L4), Krypton555_9 (L3), LiyuLake_9 (L3), Lolly9_9 (L3), Lumos_9 (L3), MiniLon_9 (L3), MiniMac_9 (L3), Moostard_9 (L3), MsGreen_9 (L3), Nicholas_9 (L3), Red305_9 (L3), Samty_9 (L3), Snenia_9 (L3), TriFive_9 (L3), Whirlwind_10 (L3),

Start 7:

- Found in 1 of 580 (0.2%) of genes in pham
- Manual Annotations of this start: 1 of 502
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Zeta1847_6 (EH),

Start 8:

- Found in 543 of 580 (93.6%) of genes in pham
- Manual Annotations of this start: 470 of 502
- Called 99.4% of time when present
- Phage (with cluster) where this start called: AEgle_7 (AZ1), AGrandiflora_7 (AZ1), Aaronocolus_10 (BD1), AceofSpades_6 (AZ4), Acquire49_8 (L1), Adolin_7 (AZ1), Adumb2043_7 (AZ1), Aegeus_8 (L5), AinMach_7 (AZ7), Akhila_7 (F1), Aleemily_7 (DZ), AlpineSix_6 (F1), Alsaber_11 (BD3), Alvy_12 (BD2), Amela_10 (BD3), Amethyst_10 (BD2), Amploria_7 (AZ1), Amyev_7 (AZ1), Andris_10 (BD2), Animus_11 (BD2), Appletree2_8 (L1), Archie_8 (L2), ArcusAngelus_6 (F1), Ardmore_6 (F1), Asa16_7 (AZ1), Ascela_7 (AZ1), Ashes_7 (AZ5), Asten_10 (BD1), Attoomi_7 (singleton), Aubs_6 (F1), Auspice_18 (M1), AvadaKedavra_8 (L1), Axiom_11 (BD2), Aziz_22 (M2), Azrael100_29 (V), Baoshan_7 (L2), Barnstormer_6 (EH), BarryBee_12 (BD1), BartholomewSD_12 (BD2), Batiatus_6 (F1), Baudelaire_8

(L5), Bazzle_8 (L2), BeardedLady_11 (BD1), Beaupre_7 (AZ5), Berrie_7 (AZ1), BigAnti_12 (singleton), BigCheese_8 (L2), Bipolar_6 (F1), Blexus_6 (F1), BlueCrab_6 (F1), BobaPhett_6 (F1), BobsGarage_8 (L2), BodEinwohner17_6 (F1), Bongo_18 (M1), Bovely_10 (BD1), Bowden_11 (BD2), BrainDrainer_9 (L4), Brataylor_11 (BD1), Breezona_8 (L2), Bricole_18 (M1), BroPlease_11 (BD4), Brocalys_6 (F1), Bromden_8 (L4), BryanRecycles_11 (BD1), Bubbles123_6 (F1), Burwell21_6 (F1), ByChance_6 (F1), Byougenkin_6 (F1), Cabrinians_6 (F1), Caelum_11 (BD2), Cafasso_7 (DZ), Caliburn_10 (BD1), Calm_8 (L1), Cappuccino_7 (AZ5), CaptainTrips_7 (F1), Caron_6 (EH), Cassia_7 (AZ1), Celery_12 (BD3), Celeste_10 (BD1), Celia_10 (BD6), Cen1621_6 (EH), Chaser_8 (L4), Che8_6 (F1), CheesePuff_6 (F1), Chevrolet_6 (F1), Chuckly_6 (F1), Chucky_10 (BD1), ChutneyChips_8 (L4), CicholasNage_8 (L1), Clank_6 (F), Claus_8 (L2), Clifton_6 (F1), Colossa_8 (KA), Community_8 (AZ1), Conan_11 (BD3), Corium_6 (F1), Cosmo_30 (V), Crewmate_8 (AZ1), Crossroads_8 (L2), Crumble_6 (F1), Cyan_7 (AZ1), DHan_8 (L2), DLane_6 (F1), DRBy19_6 (F1), DaddyRickover_6 (F1), Daenerys_6 (F1), Dante_6 (F1), Danzina_11 (BD1), Dattran_11 (BD1), DeadP_6 (F1), Deb65_6 (F1), Dexers_9 (BD3), Diane_10 (BD2), DillTech15_6 (F1), Diminimus_19 (M1), DirkDirk_8 (L1), DoRead_6 (F1), Donkey_7 (AZ5), Donkeykong_6 (F1), Doomphist_6 (F1), Dorothy_6 (F1), DotProduct_6 (F1), Doug_6 (F1), Douge_8 (L4), Douzhi_8 (L4), DrManhattan_7 (AZ1), DrSeegs_8 (L2), DrSierra_7 (AZ1), Dubu_6 (BJ), Dulcita_19 (M1), Dwayne_10 (BD1), ELB20_09 (BD2), Eddasa_11 (BD1), Eish_6 (F1), Ejemplo_10 (BD1), ElGato_11 (BD3), EleanorGeorge_6 (F1), Elezi_7 (AZ1), Emaanora_12 (BD1), EmiMonkey_6 (F1), EmiRose_6 (singleton), Emma_6 (F1), Emotion_6 (AZ4), Empress_6 (F1), Enceladus_8 (L1), EniyanLRS_27 (V), EnochSoames_11 (BD1), Enzomatic_7 (F1), Eradicator_6 (F1), Eraser_7 (AZ1), Esperer_10 (BD1), Estave1_6 (F1), Estes_23 (M2), Exile_7 (AZ6), Faith1_8 (L2), Fancypants_6 (F1), FarmResident_8 (L4), Fastidio_6 (F1), Filuzino_6 (F1), Finemlucis_8 (L2), Firehouse51_6 (F1), FiveHead_6 (AZ4), Florinda_6 (F1), Flutur_7 (AZ), Footloose_6 (singleton), FreakyGoo_19 (M1), FreddyB_6 (F1), Fruitloop_6 (F1), GUmbie_6 (F1), Gabriela_8 (L2), Galactic_6 (F1), Galactica_7 (BQ), Gambol_7 (AZ5), Gandolph_6 (F1), Gardann_8 (L2), GardenSalsa_22 (M2), GenevaB15_22 (M2), Geralt_6 (F1), GigiOuiOui_6 (F1), Giorgio_7 (AZ5), GirlDinner_10 (BD2), Girr_6 (F1), Glaske16_19 (M1), Goby_10 (BD1), Godpower_11 (BD1), Gorge_6 (F1), GreenWeasel_12 (BD4), Grimmer_7 (F1), Gumpizza_7 (AZ5), Guppsters_6 (F1), GuuelaD_8 (L2), Hades_6 (F1), Hafay_8 (L2), Haizum_10 (BD2), Halena_8 (L1), Halsey_7 (AZ5), Hamulus_6 (F1), Hank144_11 (BD2), Harley_6 (F1), Hippo_10 (BD1), Hiyaa_7 (BQ), Hlubikazi_6 (F1), Hydra_12 (BD1), IMpilo_6 (F1), IPhone7_18 (M1), IUFootball_6 (AZ2), IbOuu_6 (F1), Ibhubesi_6 (F1), Indigo_10 (BD1), Inventum_6 (F1), IrishSherpFalk_6 (F1), Issmi_11 (BD2), Iter_7 (AZ1), Itos_8 (L2), IttyBittyPiggy_7 (AZ1), Itza_10 (BD6), Izel_19 (M1), Izzy_11 (BD1), Jace_6 (singleton), James_6 (F1), Janeemi_8 (AZ1), Jant_6 (F1), Janus_11 (BD2), Jarcob_6 (F1), Jash_11 (BD1), JasmineDragon_6 (AZ4), Jennelsea_6 (F1), Jevington_12 (BD2), Jhitchelle_9 (BD3), Jinglebell_6 (F1), JoeDirt_8 (L1), Joemato_7 (AZ1), JoeyJr_6 (F1), JohnDoe_7 (AZ1), JohnThicc_6 (AZ4), Jstan_7 (AZ1), JuneStar_7 (AZ1), Juniper1_6 (F1), Kahlid_8 (L2), Kaine_10 (BD3), Kalimba_7 (AZ5), Karhdo_6 (F1), Katalie_11 (BD1), Kaylissa_7 (AZ1), KeAii_7 (AZ1), Keanu_7 (BQ), Kenuha5_6 (F1), Kersh_6 (F1), KingJulian_6 (F1), KingMidas_6 (F1), KleverKiS_18 (M1), Koella_6 (F1), Kokushibo_8 (BQ), Krakatau_7 (F1), KristaRAM_7 (F1), Kudrefre_16 (DU1), Kumao_17 (singleton), LadyAstra_6 (AZ4), Lannister_11 (BD1), LastJedi_6 (F1), Latretium_6 (F1), LeBron_8 (L1), Legacy_10 (BD1), Lego_7 (AZ1), Leperchaun_6 (F1), Leviticus_10 (BD1), Lewan_8 (L2), Liebe_6 (AZ2), Lika_10 (BD1), LilDestine_8 (L2), LilJank_16 (DU2), LilMoolah_6 (F1), LilhomieP_17 (M1), Lizalica_7 (AZ1), Lizziana_6 (F1), Llama_6 (F1), Llij_6 (F1), Loadrie_8 (L2), London_7 (AZ1), Loofah_11 (BD2), Lorelei_10 (BD1), LunaBlu_6

(F1), Lynnae_8 (L2), MAckerman_8 (L1), MaGuCo_6 (AZ2), Mabodamaca_7 (EH), MadMen_6 (F1), Mahavrat_6 (F1), Mandlovu_6 (F1), Maneekul_10 (BD1), Mantra_6 (F1), Marav_13 (BD2), Maravista_6 (F1), Martik_6 (F1), MaryV_30 (V), Mattes_6 (F1), Maureen_6 (AZ2), Medindi_6 (F1), Melissauren88_6 (F1), Michkear_10 (AZ), MicyPS_6 (EQ), MilanaBonita_7 (F1), Miley16_8 (L2), MilleniumForce_7 (F1), MiniMommy_6 (AZ4), MinionDave_7 (F1), Minnie_6 (F1), MissSwiss_7 (AZ1), MisterCuddles_6 (F1), MkaliMitinis3_8 (L2), ModicumRichard_7 (DZ), Modragons_6 (F1), Moonbeam_6 (F1), Morgana_7 (DZ), Moss_7 (AZ5), MrMagoo_22 (M2), Ms6_6 (F1), Mudpuppy_7 (AZ1), MulchSalad_6 (F7), Mutaforma13_6 (F1), Mwanjiwa_6 (F1), Mysterium_7 (AZ5), Nabi_10 (BD1), Nanodon_12 (BD1), Nanosmite_22 (M3), Nerdos_10 (BD1), Netyap_8 (L2), Neville_16 (DU2), NewHope4_6 (F1), Nichirin_6 (F1), Nicholasp3_8 (L2), Nimbo_6 (F1), Niobe_7 (AZ1), Nishikigoi_10 (BD2), Nitro_7 (AZ1), Nitzel_7 (F1), Nivrat_6 (F1), NormanBulbieJr_6 (F1), ObLaDi_7 (DZ), ObiToo_7 (AZ1), Ochi17_6 (F1), Octobien14_17 (DU1), OfUltron_6 (F1), OhShagHennessy_8 (L1), Okabe_8 (F8), OldBen_6 (F1), Oliynyk_11 (BD1), OlympiaSaint_6 (F1), Omar_11 (BD2), Origami_6 (AZ4), Ovechkin_6 (F1), OverPar_8 (L2), Ozzie_10 (BD1), OzzyJ_11 (BD1), PHappiness_6 (F1), PMC_6 (F1), PSonyx_6 (EQ), PYPDinur_8 (L4), Pablito_10 (BD2), Pacc40_6 (F1), Paedore_10 (BD2), PandaPo_7 (AZ1), Paolo_12 (BD2), PatoPoderoso_6 (F1), Pavo_11 (BD3), PegLeg_18 (M1), Phalconet_6 (F1), Phanphagia_6 (F1), Phasih_6 (F1), Phatniss_6 (F1), PhesterPhotato_6 (F1), Phettuccine_10 (BD1), Philus_6 (F1), Phives_8 (AZ1), PhilipPhlop_6 (F1), Pippy_6 (F1), Pixelle_7 (AZ1), Poenanya_6 (F1), Polka14_6 (F1), Polo2Bam_7 (F1), Poochiewood_8 (L1), PopTart_6 (F1), Powerpuff_7 (AZ1), Priscilla_6 (F1), Provolone_11 (BD3), Puginator_12 (BD2), Pumpkins_7 (AZ1), Quby_8 (L4), QuickMath_6 (F1), R4_10 (BD2), Rabbitrun_18 (DU2), Radiance_6 (F1), Rana_10 (BD1), RedBear_12 (BD1), RedBird_6 (F1), Reedo_7 (AZ1), Reindeer_16 (M1), Rey_22 (M2), RitaG_6 (F1), Rita_6 (F1), RockScotty_7 (AZ5), Rockne_6 (F1), Rose5_8 (L1), RoseMarie_18 (M1), Rossetti_8 (L2), Royals2015_6 (F1), Ruby_6 (F1), Rumpelstiltskin_8 (L2), Rusticus_11 (BD1), SG4_6 (F1), Saal_6 (F1), Sabbb_6 (F1), Sabourin_7 (AZ5), Saftant_10 (BD3), Sandalphon_6 (F1), SarahRose_10 (BD1), Sarshaun_8 (L2), Sassafras_6 (F1), SassyB_6 (F1), Schaffner_7 (AZ1), Scottish_6 (F1), SeaLumen_6 (F1), Seabastian_6 (F1), Sephiroth_17 (DU1), ShakeltOph_6 (AZ4), Shauna1_6 (F1), Sheng711_8 (L4), ShiLan_6 (F1), ShowerHandel_6 (F1), ShroomBoi_6 (F1), SiSi_6 (F1), Silverleaf_8 (L1), Simpson_7 (AZ1), Skelbel_7 (AZ1), Skinny_19 (M1), SlimJimmy_17 (M1), Snek_7 (AZ3), Snorlax_10 (BD1), SoJulia_8 (L2), Soap141_8 (L2), Soondubu_7 (AZ6), Sooty_7 (AZ5), South40_11 (BD1), Sparkdehlily_6 (F1), Spartacus_6 (F1), SpecialK_7 (AZ5), Speedwell_15 (BD3), Spocter_7 (BQ), Spoonbill_6 (F1), SqueakyClean_11 (BD2), StAnnes_6 (F1), Strokeseat_6 (F1), Stuu_7 (AZ5), SuMoo_6 (EH), Subaru_7 (AZ1), Sudan_10 (BD3), Sue2_7 (AZ1), Sujidade_11 (BD1), SunkenRoot_12 (BD3), SunsetPointe_10 (BD1), SuperGrey_6 (F1), Superstar_12 (BD2), SwagPiggett_6 (F1), Syleon_17 (DU1), TDanisky_6 (F1), TagePghter_11 (BD1), Taj_6 (F1), Tallboi_7 (AZ1), Taotie_6 (EQ), Tbone_7 (AZ1), Tefunt_10 (BD2), TforTroy_7 (AZ1), Thestral_11 (BD2), ThursdayNight_6 (AZ), Tian_7 (AZ1), TinaBelcher_10 (BD2), Toma_10 (BD1), Topiatin_8 (F1), Tourach_8 (L2), TpudiCK_19 (M1), Trax_16 (DU2), Triste_10 (BD1), Triumph_12 (BD2), TrvxScott_9 (BD2), TuanPN_10 (BD1), Tuck_8 (AZ1), Turab_7 (AZ1), Tutumahutu_7 (AZ1), Tweety19_7 (AZ3), Tweety_6 (F1), TyDawg_18 (M1), Tyson_8 (L1), UPIE_8 (L1), Underpass_8 (L2), Unstoppable_10 (BD1), Urza_10 (BD6), UtzChips_6 (EH), VRedHorse_6 (F1), VResidence_7 (AZ1), VanLee_8 (KA), Vanseggelen_13 (BD3), Verabelle_11 (BD3), Verse_10 (BD3), Veteran_6 (F1), Vetrix_8 (L2), VieEnRose_10 (BD6), Violac_6 (F1), Vivum_6 (F1), VroomVroom_6 (AZ4), Wachhund_6 (F1), Wamburgxpress_8 (L1), Warda_7 (AZ1), Wee_6 (F1), Werner_10 (BD1),

Whatever_10 (BD1), Whatsapiecost_6 (F1), Whouxphf_6 (F1), Wigglewiggles_8 (L2), Wildcat_30 (V), Wilder_8 (L2), Wildwest_8 (AZ1), WillSterrel_6 (F1), Winky_8 (L2), Wyatt2_8 (L1), XFactor_6 (F1), Yang_7 (AZ1), Yasdnil_10 (BD1), YesChef_7 (AZ1), Yorick_6 (F1), Yosif_11 (BD3), Zainub_12 (BD2), Zakai_8 (L2), ZamZam_10 (BD3), Zaria_8 (L1), Zemlya_11 (BD1), Zerg_6 (F1), ZhongYanYuan_7 (L2), Zizzle_6 (F1), phiHau3_12 (BD4), phiSASD1_27 (BJ),

Start 9:

- Found in 2 of 580 (0.3%) of genes in pham
- Manual Annotations of this start: 1 of 502
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ponzi_46 (singleton), RunningOnE_67 (UNK),

Start 11:

- Found in 61 of 580 (10.5%) of genes in pham
- No Manual Annotations of this start.
- Called 1.6% of time when present
- Phage (with cluster) where this start called: DanBing_7 (L2),

Start 19:

- Found in 95 of 580 (16.4%) of genes in pham
- No Manual Annotations of this start.
- Called 1.1% of time when present
- Phage (with cluster) where this start called: phiCAM_11 (BD3),

Summary by clusters:

There are 36 clusters represented in this pham: singleton, L1, BJ, M1, BQ, M3, M2, UNK, BD4, BD6, BD1, BD3, BD2, DU1, DZ, EH, F, L4, L5, L2, L3, V, AZ, EQ, DU2, F1, KA, F7, F8, AZ1, AZ2, AZ3, AZ4, AZ5, AZ6, AZ7,

Info for manual annotations of cluster AZ1:

- Start number 8 was manually annotated 46 times for cluster AZ1.

Info for manual annotations of cluster AZ2:

- Start number 8 was manually annotated 3 times for cluster AZ2.

Info for manual annotations of cluster AZ3:

- Start number 8 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ4:

- Start number 8 was manually annotated 5 times for cluster AZ4.

Info for manual annotations of cluster AZ5:

- Start number 8 was manually annotated 16 times for cluster AZ5.

Info for manual annotations of cluster AZ6:

- Start number 8 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster BD1:

- Start number 8 was manually annotated 55 times for cluster BD1.

Info for manual annotations of cluster BD2:

- Start number 6 was manually annotated 1 time for cluster BD2.
- Start number 8 was manually annotated 32 times for cluster BD2.

Info for manual annotations of cluster BD3:

- Start number 8 was manually annotated 15 times for cluster BD3.

Info for manual annotations of cluster BD4:

- Start number 8 was manually annotated 3 times for cluster BD4.

Info for manual annotations of cluster BD6:

- Start number 8 was manually annotated 4 times for cluster BD6.

Info for manual annotations of cluster BJ:

- Start number 8 was manually annotated 1 time for cluster BJ.

Info for manual annotations of cluster BQ:

- Start number 8 was manually annotated 4 times for cluster BQ.

Info for manual annotations of cluster DU1:

- Start number 8 was manually annotated 4 times for cluster DU1.

Info for manual annotations of cluster DU2:

- Start number 8 was manually annotated 3 times for cluster DU2.

Info for manual annotations of cluster DZ:

- Start number 8 was manually annotated 5 times for cluster DZ.

Info for manual annotations of cluster EH:

- Start number 3 was manually annotated 1 time for cluster EH.
- Start number 4 was manually annotated 2 times for cluster EH.
- Start number 5 was manually annotated 5 times for cluster EH.
- Start number 7 was manually annotated 1 time for cluster EH.
- Start number 8 was manually annotated 6 times for cluster EH.

Info for manual annotations of cluster EQ:

- Start number 8 was manually annotated 2 times for cluster EQ.

Info for manual annotations of cluster F1:

- Start number 8 was manually annotated 172 times for cluster F1.

Info for manual annotations of cluster KA:

- Start number 8 was manually annotated 2 times for cluster KA.

Info for manual annotations of cluster L1:

- Start number 8 was manually annotated 19 times for cluster L1.

Info for manual annotations of cluster L2:

- Start number 8 was manually annotated 32 times for cluster L2.

Info for manual annotations of cluster L3:

- Start number 6 was manually annotated 19 times for cluster L3.

Info for manual annotations of cluster L4:

- Start number 6 was manually annotated 2 times for cluster L4.
- Start number 8 was manually annotated 4 times for cluster L4.

Info for manual annotations of cluster L5:

- Start number 8 was manually annotated 2 times for cluster L5.

Info for manual annotations of cluster M1:

- Start number 8 was manually annotated 15 times for cluster M1.

Info for manual annotations of cluster M2:

- Start number 8 was manually annotated 6 times for cluster M2.

Info for manual annotations of cluster M3:

- Start number 8 was manually annotated 1 time for cluster M3.

Info for manual annotations of cluster V:

- Start number 8 was manually annotated 5 times for cluster V.

Gene Information:

Gene: AEgle_7 Start: 6836, Stop: 7783, Start Num: 8

Candidate Starts for AEgle_7:

(Start: 8 @6836 has 470 MA's), (18, 6881), (19, 6887), (36, 6980), (44, 7028), (50, 7070), (67, 7169), (71, 7187), (102, 7271), (114, 7316), (135, 7436), (145, 7478), (149, 7496), (177, 7619), (180, 7631), (184, 7643), (185, 7646), (192, 7673), (211, 7721), (222, 7754),

Gene: AGrandiflora_7 Start: 6817, Stop: 7764, Start Num: 8

Candidate Starts for AGrandiflora_7:

(Start: 8 @6817 has 470 MA's), (19, 6868), (27, 6901), (50, 7051), (64, 7141), (71, 7168), (114, 7297), (118, 7318), (135, 7417), (136, 7426), (149, 7477), (168, 7555), (177, 7600), (178, 7603), (184, 7624), (192, 7654), (214, 7711), (222, 7735),

Gene: Aaronocolus_10 Start: 7251, Stop: 8324, Start Num: 8

Candidate Starts for Aaronocolus_10:

(Start: 8 @7251 has 470 MA's), (65, 7602), (96, 7698), (110, 7743), (113, 7758), (143, 7926), (164, 8010), (171, 8040), (184, 8094), (205, 8154), (234, 8292),

Gene: AceofSpades_6 Start: 5167, Stop: 6108, Start Num: 8

Candidate Starts for AceofSpades_6:

(Start: 8 @5167 has 470 MA's), (19, 5218), (44, 5359), (50, 5401), (59, 5458), (64, 5491), (70, 5515), (71, 5518), (114, 5647), (118, 5668), (136, 5776), (145, 5809), (156, 5860), (160, 5875), (177, 5947), (184, 5971), (190, 5992), (211, 6049), (222, 6082),

Gene: Acquire49_8 Start: 6084, Stop: 7235, Start Num: 8

Candidate Starts for Acquire49_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (36, 6228), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (114, 6558), (120, 6585), (138, 6702), (150, 6747), (171, 6837), (179, 6876), (185, 6894), (186, 6900), (192, 6921), (216, 6990), (239, 7131), (244, 7176),

Gene: Adolin_7 Start: 6839, Stop: 7780, Start Num: 8

Candidate Starts for Adolin_7:

(Start: 8 @6839 has 470 MA's), (19, 6890), (35, 6977), (38, 6989), (46, 7043), (56, 7106), (59, 7127), (70, 7184), (102, 7271), (119, 7340), (149, 7496), (177, 7616), (184, 7640), (185, 7643), (190, 7661), (192, 7670), (199, 7685), (222, 7751),

Gene: Adumb2043_7 Start: 6835, Stop: 7782, Start Num: 8

Candidate Starts for Adumb2043_7:

(Start: 8 @6835 has 470 MA's), (18, 6880), (19, 6886), (36, 6979), (44, 7027), (50, 7069), (67, 7168), (71, 7186), (78, 7207), (86, 7228), (114, 7315), (135, 7435), (145, 7477), (168, 7573), (177, 7618), (180, 7630), (184, 7642), (185, 7645), (192, 7672), (211, 7720), (222, 7753),

Gene: Aegeus_8 Start: 5659, Stop: 6843, Start Num: 8

Candidate Starts for Aegeus_8:

(Start: 8 @5659 has 470 MA's), (20, 5713), (27, 5743), (29, 5758), (40, 5815), (46, 5866), (47, 5869), (51, 5899), (56, 5929), (58, 5935), (59, 5950), (60, 5956), (80, 6040), (111, 6124), (118, 6160), (123, 6190), (136, 6274), (139, 6289), (140, 6292), (145, 6307), (174, 6439), (179, 6463), (184, 6478), (191, 6505), (193, 6511), (202, 6532), (204, 6541), (206, 6547), (207, 6553), (214, 6574), (221, 6595), (226, 6625), (227, 6631), (228, 6637), (230, 6661), (232, 6682), (237, 6709), (239, 6742), (241, 6769), (246, 6811), (248, 6829), (249, 6835),

Gene: AinMach_7 Start: 6051, Stop: 6995, Start Num: 8

Candidate Starts for AinMach_7:

(Start: 8 @6051 has 470 MA's), (16, 6090), (19, 6102), (35, 6189), (59, 6342), (69, 6390), (93, 6462), (120, 6558), (145, 6693), (149, 6711), (159, 6756), (184, 6855), (190, 6876), (192, 6885), (199, 6900), (222, 6966),

Gene: Akhila_7 Start: 5710, Stop: 6531, Start Num: 8

Candidate Starts for Akhila_7:

(Start: 8 @5710 has 470 MA's), (14, 5749), (32, 5833), (33, 5836), (36, 5851), (37, 5854), (84, 6076), (116, 6184), (120, 6202), (122, 6214), (137, 6310), (140, 6325), (162, 6397), (176, 6469), (185, 6502),

Gene: Aleemily_7 Start: 5963, Stop: 6880, Start Num: 8

Candidate Starts for Aleemily_7:

(Start: 8 @5963 has 470 MA's), (24, 6035), (41, 6122), (114, 6440), (141, 6593), (145, 6605), (155, 6653), (174, 6731), (181, 6761), (201, 6812),

Gene: AlpineSix_6 Start: 5046, Stop: 5867, Start Num: 8

Candidate Starts for AlpineSix_6:

(Start: 8 @5046 has 470 MA's), (14, 5085), (32, 5169), (33, 5172), (36, 5187), (37, 5190), (84, 5412), (116, 5520), (120, 5538), (122, 5550), (140, 5661), (162, 5733), (176, 5805), (185, 5838),

Gene: Alsaber_11 Start: 7357, Stop: 8385, Start Num: 8

Candidate Starts for Alsaber_11:

(Start: 8 @7357 has 470 MA's), (19, 7411), (34, 7492), (140, 7990), (164, 8083), (179, 8155), (185, 8173), (192, 8200), (229, 8317), (234, 8365),

Gene: Alvy_12 Start: 7187, Stop: 8245, Start Num: 8

Candidate Starts for Alvy_12:

(Start: 8 @7187 has 470 MA's), (65, 7517), (90, 7595), (112, 7661), (185, 8015),

Gene: Amela_10 Start: 7412, Stop: 8494, Start Num: 8

Candidate Starts for Amela_10:

(Start: 8 @7412 has 470 MA's), (19, 7469), (140, 8072), (179, 8237), (185, 8255), (192, 8282), (197, 8291),

Gene: Amethyst_10 Start: 7012, Stop: 8058, Start Num: 8

Candidate Starts for Amethyst_10:

(Start: 8 @7012 has 470 MA's), (24, 7087), (60, 7309), (110, 7477), (113, 7492), (164, 7744), (171, 7774), (184, 7828),

Gene: Amploria_7 Start: 6835, Stop: 7782, Start Num: 8

Candidate Starts for Amploria_7:

(Start: 8 @6835 has 470 MA's), (18, 6880), (19, 6886), (36, 6979), (44, 7027), (50, 7069), (67, 7168), (71, 7186), (78, 7207), (86, 7228), (114, 7315), (135, 7435), (145, 7477), (168, 7573), (177, 7618), (180, 7630), (184, 7642), (192, 7672), (211, 7720), (222, 7753),

Gene: Amyev_7 Start: 6849, Stop: 7799, Start Num: 8

Candidate Starts for Amyev_7:

(Start: 8 @6849 has 470 MA's), (19, 6900), (44, 7041), (50, 7083), (71, 7200), (114, 7329), (120, 7356), (135, 7449), (168, 7587), (177, 7632), (180, 7644), (184, 7656), (192, 7686), (199, 7701), (214, 7743), (222, 7767),

Gene: Andris_10 Start: 7074, Stop: 8120, Start Num: 8

Candidate Starts for Andris_10:

(Start: 8 @7074 has 470 MA's), (24, 7149), (58, 7350), (60, 7371), (65, 7398), (110, 7539), (113, 7554), (164, 7806), (171, 7836), (184, 7890), (211, 7968), (217, 7989),

Gene: Animus_11 Start: 7423, Stop: 8469, Start Num: 8

Candidate Starts for Animus_11:

(Start: 8 @7423 has 470 MA's), (60, 7720), (65, 7747), (110, 7888), (113, 7903), (140, 8062), (164, 8155), (184, 8239), (226, 8377),

Gene: Appletree2_8 Start: 6058, Stop: 7209, Start Num: 8

Candidate Starts for Appletree2_8:

(Start: 8 @6058 has 470 MA's), (11, 6073), (18, 6103), (27, 6142), (35, 6196), (36, 6202), (51, 6292), (60, 6349), (64, 6376), (66, 6382), (114, 6532), (120, 6559), (138, 6676), (150, 6721), (160, 6766), (171, 6811), (179, 6850), (185, 6868), (186, 6874), (192, 6895), (216, 6964), (239, 7105), (244, 7150),

Gene: Archie_8 Start: 6044, Stop: 7192, Start Num: 8

Candidate Starts for Archie_8:

(Start: 8 @6044 has 470 MA's), (11, 6059), (27, 6128), (35, 6182), (51, 6278), (60, 6335), (64, 6362), (66, 6368), (112, 6503), (114, 6518), (119, 6542), (122, 6557), (135, 6644), (138, 6662), (139, 6668), (160, 6752), (171, 6797), (186, 6860), (192, 6881), (202, 6905), (204, 6914), (216, 6950), (239, 7091), (240, 7100), (241, 7118),

Gene: ArcusAngelus_6 Start: 5052, Stop: 5873, Start Num: 8

Candidate Starts for ArcusAngelus_6:

(Start: 8 @5052 has 470 MA's), (14, 5091), (32, 5175), (36, 5193), (80, 5412), (84, 5418), (116, 5526), (120, 5544), (122, 5556), (140, 5667), (162, 5739), (176, 5811), (185, 5844),

Gene: Ardmore_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Ardmore_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Asa16_7 Start: 6808, Stop: 7752, Start Num: 8

Candidate Starts for Asa16_7:

(Start: 8 @6808 has 470 MA's), (19, 6859), (35, 6946), (36, 6952), (44, 7000), (46, 7015), (50, 7042), (102, 7243), (135, 7408), (149, 7468), (168, 7546), (177, 7591), (180, 7603), (184, 7615), (185, 7618), (192, 7645), (211, 7693), (214, 7702), (222, 7726),

Gene: Ascela_7 Start: 6834, Stop: 7778, Start Num: 8

Candidate Starts for Ascela_7:

(Start: 8 @6834 has 470 MA's), (19, 6885), (35, 6972), (44, 7026), (50, 7068), (71, 7185), (73, 7194), (102, 7269), (135, 7434), (145, 7476), (149, 7494), (168, 7572), (177, 7617), (180, 7629), (184, 7641), (192, 7671), (211, 7719), (222, 7752),

Gene: Ashes_7 Start: 6333, Stop: 7259, Start Num: 8

Candidate Starts for Ashes_7:

(Start: 8 @6333 has 470 MA's), (38, 6483), (43, 6498), (51, 6570), (71, 6681), (102, 6765), (110, 6792), (119, 6834), (140, 6957), (149, 6990), (156, 7023), (185, 7140), (192, 7167), (214, 7212), (222, 7236),

Gene: Asten_10 Start: 7217, Stop: 8287, Start Num: 8

Candidate Starts for Asten_10:

(Start: 8 @7217 has 470 MA's), (110, 7709), (117, 7745), (140, 7883), (164, 7976), (171, 8006), (184, 8060),

Gene: Attoomi_7 Start: 5662, Stop: 6576, Start Num: 8

Candidate Starts for Attoomi_7:

(Start: 8 @5662 has 470 MA's), (22, 5728), (27, 5746), (34, 5794), (46, 5866), (73, 6019), (78, 6031), (80, 6040), (94, 6073), (106, 6109), (120, 6169), (122, 6181), (130, 6220), (135, 6262), (140, 6289), (172, 6421), (186, 6478), (192, 6499), (198, 6511),

Gene: Aubs_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Aubs_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Auspice_18 Start: 9854, Stop: 11017, Start Num: 8

Candidate Starts for Auspice_18:

(Start: 8 @9854 has 470 MA's), (27, 9938), (45, 10058), (46, 10061), (61, 10157), (64, 10178), (78, 10226), (98, 10271), (107, 10301), (114, 10334), (122, 10373), (139, 10484), (140, 10487), (142, 10493), (154, 10547), (161, 10574), (167, 10601), (171, 10619), (185, 10676), (190, 10694), (196, 10715), (202, 10748), (231, 10877), (239, 10931), (242, 10970),

Gene: AvadaKedavra_8 Start: 6084, Stop: 7235, Start Num: 8

Candidate Starts for AvadaKedavra_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (36, 6228), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (114, 6558), (120, 6585), (138, 6702), (150, 6747), (171, 6837), (179, 6876), (185, 6894), (186, 6900), (192, 6921), (216, 6990), (239, 7131), (244, 7176),

Gene: Axiom_11 Start: 7081, Stop: 8154, Start Num: 8

Candidate Starts for Axiom_11:

(Start: 8 @7081 has 470 MA's), (65, 7432), (171, 7870), (185, 7927), (199, 7969), (203, 7975), (217, 8023),

Gene: Aziz_22 Start: 10415, Stop: 11581, Start Num: 8

Candidate Starts for Aziz_22:

(Start: 8 @10415 has 470 MA's), (27, 10499), (30, 10523), (38, 10565), (45, 10619), (53, 10670), (61, 10718), (69, 10754), (70, 10763), (78, 10787), (96, 10823), (106, 10859), (117, 10913), (126, 10967), (139, 11045), (140, 11048), (154, 11108), (161, 11135), (167, 11162), (171, 11180), (185, 11237), (190, 11255), (196, 11276), (202, 11309), (231, 11444), (236, 11474), (238, 11495), (240, 11507),

Gene: Azrael100_29 Start: 12971, Stop: 14149, Start Num: 8

Candidate Starts for Azrael100_29:

(Start: 8 @12971 has 470 MA's), (13, 13001), (19, 13022), (27, 13055), (35, 13109), (36, 13115), (53, 13226), (57, 13244), (59, 13262), (70, 13319), (80, 13352), (120, 13484), (122, 13496), (124, 13511), (132, 13559), (144, 13622), (154, 13670), (161, 13697), (172, 13745), (175, 13757), (192, 13823), (226, 13952), (227, 13958), (230, 13988), (243, 14096), (249, 14144),

Gene: Baoshan_7 Start: 5899, Stop: 7047, Start Num: 8

Candidate Starts for Baoshan_7:

(Start: 8 @5899 has 470 MA's), (11, 5914), (18, 5944), (27, 5983), (35, 6037), (51, 6133), (64, 6217), (112, 6358), (114, 6373), (119, 6397), (122, 6412), (135, 6499), (138, 6517), (139, 6523), (160, 6607), (171, 6652), (186, 6715), (192, 6736), (204, 6769), (216, 6805), (239, 6946), (241, 6973),

Gene: Barnstormer_6 Start: 6067, Stop: 7035, Start Num: 8

Candidate Starts for Barnstormer_6:

(Start: 8 @6067 has 470 MA's), (13, 6100), (54, 6328), (64, 6397), (102, 6514), (114, 6559), (148, 6736), (152, 6760), (172, 6838), (174, 6847), (185, 6889), (223, 7006),

Gene: BarryBee_12 Start: 7220, Stop: 8293, Start Num: 8

Candidate Starts for BarryBee_12:

(Start: 8 @7220 has 470 MA's), (110, 7712), (113, 7727), (160, 7967), (164, 7979), (171, 8009), (184, 8063), (226, 8201),

Gene: BartholomewSD_12 Start: 7187, Stop: 8245, Start Num: 8

Candidate Starts for BartholomewSD_12:

(Start: 8 @7187 has 470 MA's), (65, 7517), (90, 7595), (112, 7661), (185, 8015),

Gene: Batiatus_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Batiatus_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Baudelaire_8 Start: 5659, Stop: 6843, Start Num: 8

Candidate Starts for Baudelaire_8:

(Start: 8 @5659 has 470 MA's), (20, 5713), (27, 5743), (29, 5758), (40, 5815), (46, 5866), (47, 5869), (51, 5899), (56, 5929), (58, 5935), (59, 5950), (60, 5956), (80, 6040), (111, 6124), (118, 6160), (123, 6190), (136, 6274), (139, 6289), (140, 6292), (145, 6307), (174, 6439), (179, 6463), (184, 6478), (191, 6505), (193, 6511), (202, 6532), (204, 6541), (206, 6547), (207, 6553), (214, 6574), (221, 6595), (226, 6625), (227, 6631), (228, 6637), (230, 6661), (232, 6682), (237, 6709), (239, 6742), (241, 6769), (246, 6811), (248, 6829), (249, 6835),

Gene: Bazzle_8 Start: 6020, Stop: 7168, Start Num: 8

Candidate Starts for Bazzle_8:

(Start: 8 @6020 has 470 MA's), (11, 6035), (27, 6104), (35, 6158), (51, 6254), (64, 6338), (102, 6449), (112, 6479), (114, 6494), (119, 6518), (122, 6533), (135, 6620), (138, 6638), (139, 6644), (160, 6728), (171, 6773), (186, 6836), (192, 6857), (204, 6890), (216, 6926), (228, 6977), (239, 7067), (241, 7094),

Gene: BeardedLady_11 Start: 7498, Stop: 8571, Start Num: 8

Candidate Starts for BeardedLady_11:

(Start: 8 @7498 has 470 MA's), (65, 7849), (96, 7945), (110, 7990), (113, 8005), (143, 8173), (164, 8257), (171, 8287), (184, 8341), (205, 8401), (234, 8539),

Gene: Beaupre_7 Start: 6334, Stop: 7260, Start Num: 8

Candidate Starts for Beaupre_7:

(Start: 8 @6334 has 470 MA's), (38, 6484), (43, 6499), (51, 6571), (71, 6682), (102, 6766), (110, 6793), (119, 6835), (140, 6958), (149, 6991), (156, 7024), (185, 7141), (192, 7168), (214, 7213), (222, 7237),

Gene: Bellis_9 Start: 6196, Stop: 7356, Start Num: 6

Candidate Starts for Bellis_9:

(Start: 6 @6196 has 22 MA's), (23, 6274), (27, 6289), (35, 6343), (36, 6349), (46, 6406), (51, 6439), (60, 6496), (66, 6529), (69, 6538), (112, 6664), (138, 6823), (160, 6913), (186, 7021), (192, 7042), (202, 7066), (237, 7234), (239, 7255), (244, 7300),

Gene: Berrie_7 Start: 6813, Stop: 7757, Start Num: 8

Candidate Starts for Berrie_7:

(Start: 8 @6813 has 470 MA's), (19, 6864), (35, 6951), (50, 7047), (71, 7164), (102, 7248), (114, 7293), (118, 7314), (135, 7413), (145, 7455), (168, 7551), (177, 7596), (178, 7599), (184, 7620), (192, 7650), (211, 7698), (222, 7731),

Gene: BigAnti_12 Start: 10120, Stop: 11034, Start Num: 8

Candidate Starts for BigAnti_12:

(Start: 8 @10120 has 470 MA's), (42, 10285), (55, 10372), (72, 10465), (77, 10492), (84, 10516), (87, 10525), (89, 10531), (104, 10588), (105, 10591), (125, 10681), (133, 10735), (145, 10783), (195, 10996),

Gene: BigCheese_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for BigCheese_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Bipolar_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Bipolar_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Blexus_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for Blexus_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (80, 5423), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: BlueCrab_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for BlueCrab_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: BobaPhett_6 Start: 5039, Stop: 5860, Start Num: 8

Candidate Starts for BobaPhett_6:

(Start: 8 @5039 has 470 MA's), (14, 5078), (32, 5162), (36, 5180), (80, 5399), (84, 5405), (120, 5531), (122, 5543), (140, 5654), (162, 5726), (176, 5798), (185, 5831),

Gene: BobsGarage_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for BobsGarage_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: BodEinwohner17_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for BodEinwohner17_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Bongo_18 Start: 9854, Stop: 11017, Start Num: 8

Candidate Starts for Bongo_18:

(Start: 8 @9854 has 470 MA's), (27, 9938), (45, 10058), (46, 10061), (61, 10157), (64, 10178), (78, 10226), (98, 10271), (107, 10301), (114, 10334), (122, 10373), (139, 10484), (140, 10487), (142, 10493), (154, 10547), (161, 10574), (167, 10601), (171, 10619), (185, 10676), (190, 10694), (196, 10715), (202, 10748), (231, 10877), (239, 10931), (242, 10970),

Gene: BourbonZero_8 Start: 6202, Stop: 7362, Start Num: 6

Candidate Starts for BourbonZero_8:

(Start: 6 @6202 has 22 MA's), (23, 6280), (27, 6295), (35, 6349), (36, 6355), (45, 6409), (51, 6445), (60, 6502), (66, 6535), (69, 6544), (112, 6670), (138, 6829), (160, 6919), (186, 7027), (192, 7048), (241, 7288), (244, 7306),

Gene: Bovely_10 Start: 7257, Stop: 8330, Start Num: 8

Candidate Starts for Bovely_10:

(Start: 8 @7257 has 470 MA's), (65, 7608), (96, 7704), (110, 7749), (113, 7764), (143, 7932), (164, 8016), (171, 8046), (184, 8100), (205, 8160), (234, 8298),

Gene: Bowden_11 Start: 7101, Stop: 8159, Start Num: 8

Candidate Starts for Bowden_11:

(Start: 8 @7101 has 470 MA's), (65, 7431), (90, 7509), (112, 7575), (164, 7839), (185, 7929),

Gene: BrainDrainer_9 Start: 5889, Stop: 7037, Start Num: 8

Candidate Starts for BrainDrainer_9:

(Start: 8 @5889 has 470 MA's), (27, 5973), (35, 6027), (36, 6033), (45, 6087), (51, 6123), (54, 6141), (60, 6180), (66, 6213), (112, 6348), (114, 6363), (118, 6384), (120, 6390), (138, 6507), (139, 6513), (160, 6597), (171, 6642), (174, 6657), (179, 6681), (185, 6699), (186, 6705), (191, 6723), (192, 6726), (206, 6765), (207, 6771), (216, 6795), (230, 6870), (239, 6936), (247, 7017),

Gene: Brataylor_11 Start: 7223, Stop: 8296, Start Num: 8

Candidate Starts for Brataylor_11:

(Start: 8 @7223 has 470 MA's), (110, 7715), (113, 7730), (164, 7982), (171, 8012), (184, 8066), (205, 8126), (226, 8204),

Gene: Breezona_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Breezona_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Bricole_18 Start: 9853, Stop: 11016, Start Num: 8

Candidate Starts for Bricole_18:

(Start: 8 @9853 has 470 MA's), (27, 9937), (45, 10057), (46, 10060), (61, 10156), (64, 10177), (78, 10225), (98, 10270), (107, 10300), (114, 10333), (122, 10372), (139, 10483), (140, 10486), (142, 10492), (154, 10546), (161, 10573), (167, 10600), (171, 10618), (185, 10675), (190, 10693), (196, 10714), (202, 10747), (231, 10876), (239, 10930), (242, 10969),

Gene: BroPlease_11 Start: 7315, Stop: 8370, Start Num: 8

Candidate Starts for BroPlease_11:

(Start: 8 @7315 has 470 MA's), (65, 7645), (70, 7666), (110, 7786), (114, 7804), (151, 7999), (171, 8086), (180, 8128), (185, 8143),

Gene: Brocalys_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for Brocalys_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (80, 5396), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Bromden_8 Start: 5799, Stop: 6947, Start Num: 8

Candidate Starts for Bromden_8:

(Start: 8 @5799 has 470 MA's), (27, 5883), (35, 5937), (36, 5943), (45, 5997), (51, 6033), (54, 6051), (60, 6090), (66, 6123), (80, 6174), (102, 6228), (112, 6258), (114, 6273), (120, 6300), (122, 6312), (135, 6399), (138, 6417), (139, 6423), (160, 6507), (171, 6552), (174, 6567), (179, 6591), (185, 6609), (186, 6615), (192, 6636), (202, 6660), (206, 6675), (216, 6705), (230, 6780), (232, 6801), (239, 6846), (247, 6927),

Gene: BryanRecycles_11 Start: 7414, Stop: 8487, Start Num: 8

Candidate Starts for BryanRecycles_11:

(Start: 8 @7414 has 470 MA's), (65, 7765), (96, 7861), (110, 7906), (113, 7921), (143, 8089), (164, 8173), (171, 8203), (184, 8257), (205, 8317),

Gene: Bubbles123_6 Start: 5066, Stop: 5887, Start Num: 8

Candidate Starts for Bubbles123_6:

(Start: 8 @5066 has 470 MA's), (14, 5105), (32, 5189), (36, 5207), (37, 5210), (84, 5432), (116, 5540), (120, 5558), (122, 5570), (137, 5666), (140, 5681), (162, 5753), (176, 5825), (185, 5858),

Gene: Burwell21_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Burwell21_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (33, 5173), (36, 5188), (37, 5191), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: ByChance_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for ByChance_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (33, 5175), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: Byougenkin_6 Start: 5037, Stop: 5858, Start Num: 8

Candidate Starts for Byougenkin_6:

(Start: 8 @5037 has 470 MA's), (14, 5076), (32, 5160), (36, 5178), (37, 5181), (80, 5397), (84, 5403), (116, 5511), (120, 5529), (122, 5541), (140, 5652), (162, 5724), (176, 5796), (185, 5829),

Gene: Cabrinians_6 Start: 5039, Stop: 5860, Start Num: 8

Candidate Starts for Cabrinians_6:

(Start: 8 @5039 has 470 MA's), (14, 5078), (32, 5162), (36, 5180), (80, 5399), (84, 5405), (120, 5531), (122, 5543), (140, 5654), (162, 5726), (176, 5798), (185, 5831),

Gene: Caelum_11 Start: 6956, Stop: 8014, Start Num: 8

Candidate Starts for Caelum_11:

(Start: 8 @6956 has 470 MA's), (50, 7196), (54, 7220), (60, 7259), (65, 7286), (110, 7427), (130, 7532), (149, 7634), (151, 7640), (171, 7727), (180, 7769), (192, 7811), (226, 7922), (235, 7991),

Gene: Cafasso_7 Start: 5963, Stop: 6880, Start Num: 8

Candidate Starts for Cafasso_7:

(Start: 8 @5963 has 470 MA's), (24, 6035), (41, 6122), (114, 6440), (141, 6593), (145, 6605), (155, 6653), (174, 6731), (181, 6761), (201, 6812),

Gene: Caliburn_10 Start: 7231, Stop: 8304, Start Num: 8

Candidate Starts for Caliburn_10:

(Start: 8 @7231 has 470 MA's), (65, 7582), (96, 7678), (110, 7723), (113, 7738), (143, 7906), (164, 7990), (171, 8020), (184, 8074), (205, 8134), (234, 8272),

Gene: Calm_8 Start: 6085, Stop: 7236, Start Num: 8

Candidate Starts for Calm_8:

(Start: 8 @6085 has 470 MA's), (11, 6100), (18, 6130), (27, 6169), (35, 6223), (36, 6229), (51, 6319), (60, 6376), (64, 6403), (66, 6409), (114, 6559), (120, 6586), (138, 6703), (150, 6748), (171, 6838), (179, 6877), (185, 6895), (186, 6901), (192, 6922), (216, 6991), (239, 7132), (244, 7177),

Gene: Cappuccino_7 Start: 6242, Stop: 7168, Start Num: 8

Candidate Starts for Cappuccino_7:

(Start: 8 @6242 has 470 MA's), (38, 6392), (43, 6407), (51, 6479), (71, 6590), (102, 6674), (110, 6701), (119, 6743), (136, 6848), (140, 6866), (149, 6899), (156, 6932), (185, 7049), (192, 7076), (209, 7112), (222, 7145),

Gene: CaptainTrips_7 Start: 5710, Stop: 6531, Start Num: 8

Candidate Starts for CaptainTrips_7:

(Start: 8 @5710 has 470 MA's), (14, 5749), (32, 5833), (33, 5836), (36, 5851), (37, 5854), (84, 6076), (116, 6184), (120, 6202), (122, 6214), (137, 6310), (140, 6325), (162, 6397), (176, 6469), (185, 6502),

Gene: Caron_6 Start: 6094, Stop: 7068, Start Num: 8

Candidate Starts for Caron_6:

(Start: 8 @6094 has 470 MA's), (49, 6319), (54, 6355), (64, 6424), (120, 6613), (135, 6706), (136, 6715), (145, 6748), (148, 6763), (172, 6865), (185, 6916), (205, 6973), (223, 7033),

Gene: Cassia_7 Start: 6932, Stop: 7879, Start Num: 8

Candidate Starts for Cassia_7:

(Start: 8 @6932 has 470 MA's), (19, 6983), (35, 7070), (64, 7256), (71, 7283), (102, 7367), (119, 7436), (120, 7439), (145, 7574), (177, 7715), (178, 7718), (184, 7739), (190, 7760), (192, 7769), (212, 7820), (222, 7850),

Gene: Celery_12 Start: 7316, Stop: 8344, Start Num: 8

Candidate Starts for Celery_12:

(Start: 8 @7316 has 470 MA's), (19, 7370), (54, 7574), (140, 7949), (179, 8114), (185, 8132), (192, 8159), (211, 8207), (234, 8324),

Gene: Celeste_10 Start: 7222, Stop: 8295, Start Num: 8

Candidate Starts for Celeste_10:

(Start: 8 @7222 has 470 MA's), (110, 7714), (113, 7729), (164, 7981), (171, 8011), (184, 8065), (205, 8125), (226, 8203),

Gene: Celia_10 Start: 7515, Stop: 8588, Start Num: 8

Candidate Starts for Celia_10:

(2, 7479), (Start: 8 @7515 has 470 MA's), (23, 7593), (65, 7869), (96, 7965), (112, 8013), (120, 8055), (141, 8187), (147, 8211), (151, 8223), (171, 8310), (172, 8316), (185, 8367), (192, 8394), (217, 8463),

Gene: Cen1621_6 Start: 5215, Stop: 6177, Start Num: 8

Candidate Starts for Cen1621_6:

(Start: 8 @5215 has 470 MA's), (13, 5248), (44, 5410), (54, 5476), (64, 5545), (114, 5707), (145, 5869), (148, 5884), (150, 5890), (178, 6013), (188, 6049), (223, 6154),

Gene: Chaser_8 Start: 5804, Stop: 6952, Start Num: 8

Candidate Starts for Chaser_8:

(Start: 8 @5804 has 470 MA's), (27, 5888), (35, 5942), (36, 5948), (45, 6002), (51, 6038), (54, 6056), (60, 6095), (66, 6128), (102, 6233), (112, 6263), (114, 6278), (118, 6299), (120, 6305), (138, 6422), (139, 6428), (154, 6491), (160, 6512), (171, 6557), (174, 6572), (179, 6596), (185, 6614), (186, 6620), (192, 6641), (202, 6665), (216, 6710), (230, 6785), (239, 6851), (247, 6932),

Gene: Che8_6 Start: 5051, Stop: 5872, Start Num: 8

Candidate Starts for Che8_6:

(Start: 8 @5051 has 470 MA's), (14, 5090), (32, 5174), (36, 5192), (37, 5195), (80, 5411), (84, 5417), (116, 5525), (120, 5543), (122, 5555), (140, 5666), (162, 5738), (176, 5810), (185, 5843),

Gene: Cheesepuff_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for Cheesepuff_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (33, 5175), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: Chevrolet_6 Start: 5052, Stop: 5873, Start Num: 8

Candidate Starts for Chevrolet_6:

(Start: 8 @5052 has 470 MA's), (14, 5091), (32, 5175), (36, 5193), (80, 5412), (84, 5418), (116, 5526), (120, 5544), (122, 5556), (140, 5667), (162, 5739), (176, 5811), (185, 5844),

Gene: Chuckly_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Chuckly_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Chucky_10 Start: 7221, Stop: 8294, Start Num: 8

Candidate Starts for Chucky_10:

(Start: 8 @7221 has 470 MA's), (110, 7713), (113, 7728), (160, 7968), (164, 7980), (171, 8010), (184, 8064), (226, 8202),

Gene: ChutneyChips_8 Start: 5792, Stop: 6940, Start Num: 8

Candidate Starts for ChutneyChips_8:

(Start: 8 @5792 has 470 MA's), (27, 5876), (35, 5930), (36, 5936), (45, 5990), (51, 6026), (54, 6044), (60, 6083), (66, 6116), (102, 6221), (112, 6251), (114, 6266), (118, 6287), (120, 6293), (138, 6410), (139, 6416), (160, 6500), (171, 6545), (174, 6560), (179, 6584), (185, 6602), (186, 6608), (192, 6629),

(202, 6653), (206, 6668), (207, 6674), (216, 6698), (230, 6773), (239, 6839), (244, 6884), (247, 6920),

Gene: CicholasNage_8 Start: 6085, Stop: 7236, Start Num: 8

Candidate Starts for CicholasNage_8:

(Start: 8 @6085 has 470 MA's), (11, 6100), (18, 6130), (27, 6169), (35, 6223), (36, 6229), (51, 6319), (60, 6376), (64, 6403), (66, 6409), (114, 6559), (120, 6586), (138, 6703), (150, 6748), (171, 6838), (179, 6877), (185, 6895), (186, 6901), (192, 6922), (216, 6991), (239, 7132), (244, 7177),

Gene: Clank_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Clank_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Claus_8 Start: 6079, Stop: 7227, Start Num: 8

Candidate Starts for Claus_8:

(Start: 8 @6079 has 470 MA's), (11, 6094), (18, 6124), (27, 6163), (35, 6217), (51, 6313), (64, 6397), (112, 6538), (114, 6553), (119, 6577), (122, 6592), (135, 6679), (138, 6697), (139, 6703), (160, 6787), (171, 6832), (186, 6895), (192, 6916), (204, 6949), (216, 6985), (239, 7126), (241, 7153),

Gene: Clautastrophe_9 Start: 6200, Stop: 7360, Start Num: 6

Candidate Starts for Clautastrophe_9:

(Start: 6 @6200 has 22 MA's), (23, 6278), (27, 6293), (35, 6347), (36, 6353), (46, 6410), (51, 6443), (60, 6500), (66, 6533), (69, 6542), (102, 6638), (112, 6668), (138, 6827), (160, 6917), (186, 7025), (192, 7046), (202, 7070), (237, 7238), (239, 7259), (244, 7304),

Gene: Clifton_6 Start: 5035, Stop: 5856, Start Num: 8

Candidate Starts for Clifton_6:

(Start: 8 @5035 has 470 MA's), (14, 5074), (32, 5158), (33, 5161), (36, 5176), (37, 5179), (84, 5401), (116, 5509), (120, 5527), (122, 5539), (137, 5635), (140, 5650), (162, 5722), (176, 5794), (185, 5827),

Gene: Colossa_8 Start: 5922, Stop: 6839, Start Num: 8

Candidate Starts for Colossa_8:

(Start: 8 @5922 has 470 MA's), (12, 5949), (23, 5991), (24, 5994), (27, 6006), (35, 6060), (50, 6147), (52, 6159), (58, 6189), (65, 6240), (70, 6261), (114, 6399), (116, 6408), (134, 6510), (141, 6552), (167, 6660), (174, 6690), (181, 6720), (182, 6723), (201, 6771),

Gene: Community_8 Start: 7890, Stop: 8834, Start Num: 8

Candidate Starts for Community_8:

(Start: 8 @7890 has 470 MA's), (19, 7941), (36, 8034), (44, 8082), (50, 8124), (71, 8241), (102, 8325), (114, 8370), (119, 8394), (135, 8490), (149, 8550), (168, 8628), (177, 8673), (180, 8685), (184, 8697), (185, 8700), (192, 8727), (202, 8745), (211, 8775), (214, 8784), (222, 8808),

Gene: Conan_11 Start: 7067, Stop: 8095, Start Num: 8

Candidate Starts for Conan_11:

(Start: 8 @7067 has 470 MA's), (19, 7121), (34, 7202), (140, 7700), (164, 7793), (179, 7865), (185, 7883), (192, 7910), (229, 8027), (234, 8075),

Gene: Corium_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for Corium_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (80, 5423), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: Cosmo_30 Start: 12978, Stop: 14156, Start Num: 8

Candidate Starts for Cosmo_30:

(Start: 8 @12978 has 470 MA's), (13, 13008), (19, 13029), (27, 13062), (35, 13116), (36, 13122), (53, 13233), (57, 13251), (59, 13269), (70, 13326), (80, 13359), (120, 13491), (122, 13503), (124, 13518), (132, 13566), (144, 13629), (154, 13677), (161, 13704), (172, 13752), (175, 13764), (192, 13830), (226, 13959), (227, 13965), (230, 13995), (243, 14103), (249, 14151),

Gene: Crewmate_8 Start: 7269, Stop: 8216, Start Num: 8

Candidate Starts for Crewmate_8:

(Start: 8 @7269 has 470 MA's), (19, 7320), (36, 7413), (50, 7503), (64, 7593), (71, 7620), (73, 7629), (114, 7749), (118, 7770), (135, 7869), (145, 7911), (149, 7929), (177, 8052), (178, 8055), (184, 8076), (192, 8106), (199, 8121), (222, 8187),

Gene: Crossroads_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Crossroads_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Crumble_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for Crumble_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: Cyan_7 Start: 6821, Stop: 7768, Start Num: 8

Candidate Starts for Cyan_7:

(Start: 8 @6821 has 470 MA's), (19, 6872), (27, 6905), (36, 6965), (44, 7013), (50, 7055), (71, 7172), (102, 7256), (114, 7301), (118, 7322), (135, 7421), (145, 7463), (149, 7481), (168, 7559), (177, 7604), (180, 7616), (184, 7628), (192, 7658), (199, 7673), (211, 7706), (222, 7739),

Gene: DHan_8 Start: 6015, Stop: 7163, Start Num: 8

Candidate Starts for DHan_8:

(Start: 8 @6015 has 470 MA's), (11, 6030), (18, 6060), (27, 6099), (35, 6153), (51, 6249), (64, 6333), (112, 6474), (114, 6489), (119, 6513), (122, 6528), (135, 6615), (138, 6633), (139, 6639), (160, 6723), (171, 6768), (186, 6831), (192, 6852), (204, 6885), (216, 6921), (239, 7062), (241, 7089),

Gene: DLane_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for DLane_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (127, 5600), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: DRBy19_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for DRBy19_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (36, 5204), (37, 5207), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: DaddyRickover_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for DaddyRickover_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Daenerys_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Daenerys_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: DanBing_7 Start: 5913, Stop: 7046, Start Num: 11

Candidate Starts for DanBing_7:

(Start: 8 @5898 has 470 MA's), (11, 5913), (18, 5943), (27, 5982), (35, 6036), (51, 6132), (64, 6216), (102, 6327), (112, 6357), (114, 6372), (119, 6396), (122, 6411), (135, 6498), (138, 6516), (139, 6522), (160, 6606), (171, 6651), (186, 6714), (192, 6735), (204, 6768), (216, 6804), (239, 6945), (241, 6972),

Gene: Dante_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for Dante_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: Danzina_11 Start: 7420, Stop: 8499, Start Num: 8

Candidate Starts for Danzina_11:

(Start: 8 @7420 has 470 MA's), (100, 7879), (110, 7918), (117, 7954), (140, 8092), (164, 8185), (171, 8215), (178, 8248), (184, 8269), (205, 8329), (226, 8407),

Gene: Dattran_11 Start: 7221, Stop: 8294, Start Num: 8

Candidate Starts for Dattran_11:

(Start: 8 @7221 has 470 MA's), (110, 7713), (113, 7728), (164, 7980), (171, 8010), (184, 8064), (205, 8124), (226, 8202),

Gene: Daudau_10 Start: 7029, Stop: 8120, Start Num: 6

Candidate Starts for Daudau_10:

(Start: 6 @7029 has 22 MA's), (51, 7299), (56, 7329), (65, 7383), (100, 7512), (113, 7566), (164, 7818), (172, 7854), (213, 7986), (217, 8001),

Gene: DeadP_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for DeadP_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Deb65_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Deb65_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Dexers_9 Start: 7060, Stop: 8088, Start Num: 8

Candidate Starts for Dexers_9:

(Start: 8 @7060 has 470 MA's), (19, 7114), (34, 7195), (140, 7693), (164, 7786), (179, 7858), (185, 7876), (192, 7903), (229, 8020), (234, 8068),

Gene: Diane_10 Start: 7012, Stop: 8058, Start Num: 8

Candidate Starts for Diane_10:

(Start: 8 @7012 has 470 MA's), (24, 7087), (60, 7309), (81, 7393), (110, 7477), (113, 7492), (164, 7744), (171, 7774), (184, 7828),

Gene: DillTech15_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for DillTech15_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Diminimus_19 Start: 9853, Stop: 11016, Start Num: 8

Candidate Starts for Diminimus_19:

(Start: 8 @9853 has 470 MA's), (27, 9937), (45, 10057), (46, 10060), (61, 10156), (64, 10177), (78, 10225), (98, 10270), (107, 10300), (114, 10333), (122, 10372), (139, 10483), (140, 10486), (142, 10492), (154, 10546), (161, 10573), (167, 10600), (171, 10618), (185, 10675), (190, 10693), (196, 10714), (202, 10747), (231, 10876), (239, 10930), (242, 10969),

Gene: DirkDirk_8 Start: 6086, Stop: 7237, Start Num: 8

Candidate Starts for DirkDirk_8:

(Start: 8 @6086 has 470 MA's), (11, 6101), (18, 6131), (27, 6170), (35, 6224), (36, 6230), (51, 6320), (60, 6377), (64, 6404), (66, 6410), (114, 6560), (120, 6587), (138, 6704), (150, 6749), (171, 6839), (179, 6878), (185, 6896), (186, 6902), (192, 6923), (216, 6992), (239, 7133), (244, 7178),

Gene: DoRead_6 Start: 5050, Stop: 5871, Start Num: 8

Candidate Starts for DoRead_6:

(Start: 8 @5050 has 470 MA's), (14, 5089), (32, 5173), (33, 5176), (36, 5191), (37, 5194), (84, 5416), (116, 5524), (120, 5542), (122, 5554), (137, 5650), (140, 5665), (162, 5737), (176, 5809), (185, 5842),

Gene: Donkey_7 Start: 6242, Stop: 7168, Start Num: 8

Candidate Starts for Donkey_7:

(Start: 8 @6242 has 470 MA's), (38, 6392), (43, 6407), (51, 6479), (71, 6590), (102, 6674), (110, 6701), (119, 6743), (136, 6848), (140, 6866), (149, 6899), (156, 6932), (185, 7049), (192, 7076), (209, 7112), (222, 7145),

Gene: Donkeykong_6 Start: 5066, Stop: 5887, Start Num: 8

Candidate Starts for Donkeykong_6:

(Start: 8 @5066 has 470 MA's), (14, 5105), (32, 5189), (36, 5207), (37, 5210), (84, 5432), (116, 5540), (120, 5558), (122, 5570), (137, 5666), (140, 5681), (162, 5753), (176, 5825), (185, 5858),

Gene: Doomphist_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Doomphist_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Dorothy_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Dorothy_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: DotProduct_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for DotProduct_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: Doug_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for Doug_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (33, 5175), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: Douge_8 Start: 5750, Stop: 6898, Start Num: 8

Candidate Starts for Douge_8:

(Start: 8 @5750 has 470 MA's), (27, 5834), (35, 5888), (36, 5894), (45, 5948), (51, 5984), (54, 6002), (60, 6041), (66, 6074), (102, 6179), (112, 6209), (114, 6224), (118, 6245), (120, 6251), (138, 6368), (139, 6374), (160, 6458), (171, 6503), (174, 6518), (179, 6542), (185, 6560), (186, 6566), (192, 6587), (202, 6611), (216, 6656), (230, 6731), (239, 6797), (247, 6878),

Gene: Douzhi_8 Start: 5750, Stop: 6898, Start Num: 8

Candidate Starts for Douzhi_8:

(Start: 8 @5750 has 470 MA's), (27, 5834), (35, 5888), (36, 5894), (45, 5948), (51, 5984), (54, 6002), (60, 6041), (66, 6074), (112, 6209), (114, 6224), (118, 6245), (120, 6251), (138, 6368), (139, 6374), (160, 6458), (171, 6503), (174, 6518), (179, 6542), (185, 6560), (186, 6566), (191, 6584), (192, 6587), (206, 6626), (207, 6632), (216, 6656), (230, 6731), (239, 6797), (247, 6878),

Gene: DrManhattan_7 Start: 6829, Stop: 7770, Start Num: 8

Candidate Starts for DrManhattan_7:

(Start: 8 @6829 has 470 MA's), (19, 6880), (35, 6967), (38, 6979), (46, 7033), (56, 7096), (59, 7117), (70, 7174), (102, 7261), (119, 7330), (149, 7486), (177, 7606), (184, 7630), (185, 7633), (190, 7651), (192, 7660), (199, 7675), (222, 7741),

Gene: DrSeegs_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for DrSeegs_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: DrSierra_7 Start: 6821, Stop: 7768, Start Num: 8

Candidate Starts for DrSierra_7:

(Start: 8 @6821 has 470 MA's), (18, 6866), (19, 6872), (46, 7028), (71, 7172), (102, 7256), (114, 7301), (118, 7322), (135, 7421), (136, 7430), (149, 7481), (177, 7604), (178, 7607), (184, 7628), (190, 7649), (192, 7658), (199, 7673), (222, 7739),

Gene: Dubu_6 Start: 5294, Stop: 6115, Start Num: 8

Candidate Starts for Dubu_6:

(Start: 8 @5294 has 470 MA's), (21, 5363), (32, 5417), (39, 5444), (48, 5495), (58, 5552), (62, 5588), (82, 5660), (108, 5732), (120, 5786), (146, 5933), (164, 5990),

Gene: Dulcita_19 Start: 9853, Stop: 11016, Start Num: 8

Candidate Starts for Dulcita_19:

(Start: 8 @9853 has 470 MA's), (27, 9937), (45, 10057), (46, 10060), (61, 10156), (64, 10177), (78, 10225), (98, 10270), (107, 10300), (114, 10333), (122, 10372), (139, 10483), (140, 10486), (142, 10492), (154, 10546), (161, 10573), (167, 10600), (171, 10618), (185, 10675), (190, 10693), (196, 10714), (202, 10747), (231, 10876), (239, 10930), (242, 10969),

Gene: DuncansLeg_9 Start: 6204, Stop: 7364, Start Num: 6

Candidate Starts for DuncansLeg_9:

(Start: 6 @6204 has 22 MA's), (23, 6282), (27, 6297), (35, 6351), (36, 6357), (45, 6411), (51, 6447), (60, 6504), (66, 6537), (69, 6546), (112, 6672), (138, 6831), (160, 6921), (186, 7029), (192, 7050), (241, 7290), (244, 7308),

Gene: Dwayne_10 Start: 7221, Stop: 8294, Start Num: 8

Candidate Starts for Dwayne_10:

(Start: 8 @7221 has 470 MA's), (110, 7713), (113, 7728), (160, 7968), (164, 7980), (171, 8010), (184, 8064), (226, 8202),

Gene: DyoEdafos_9 Start: 5951, Stop: 7108, Start Num: 6

Candidate Starts for DyoEdafos_9:

(Start: 6 @5951 has 22 MA's), (23, 6029), (27, 6044), (36, 6104), (45, 6158), (51, 6194), (60, 6251), (66, 6284), (70, 6302), (102, 6389), (112, 6419), (114, 6434), (120, 6461), (138, 6578), (139, 6584), (160, 6668), (192, 6797), (216, 6866), (230, 6941), (239, 7007), (244, 7052), (247, 7088),

Gene: ELB20_09 Start: 7068, Stop: 8135, Start Num: 8

Candidate Starts for ELB20_09:

(Start: 8 @7068 has 470 MA's), (51, 7329), (65, 7413), (110, 7566), (113, 7581), (119, 7608), (140, 7740), (151, 7779), (184, 7920), (226, 8055),

Gene: Eddasa_11 Start: 7414, Stop: 8487, Start Num: 8

Candidate Starts for Eddasa_11:

(Start: 8 @7414 has 470 MA's), (65, 7765), (96, 7861), (110, 7906), (113, 7921), (143, 8089), (164, 8173), (171, 8203), (184, 8257), (205, 8317),

Gene: Eish_6 Start: 5037, Stop: 5858, Start Num: 8

Candidate Starts for Eish_6:

(Start: 8 @5037 has 470 MA's), (14, 5076), (32, 5160), (33, 5163), (36, 5178), (37, 5181), (80, 5397), (84, 5403), (116, 5511), (120, 5529), (122, 5541), (140, 5652), (162, 5724), (176, 5796), (185, 5829),

Gene: Ejemplo_10 Start: 7224, Stop: 8297, Start Num: 8

Candidate Starts for Ejemplo_10:

(Start: 8 @7224 has 470 MA's), (110, 7716), (113, 7731), (140, 7890), (164, 7983), (171, 8013), (184, 8067), (226, 8205),

Gene: ElGato_11 Start: 7070, Stop: 8098, Start Num: 8

Candidate Starts for ElGato_11:

(Start: 8 @7070 has 470 MA's), (19, 7124), (34, 7205), (140, 7703), (164, 7796), (179, 7868), (185, 7886), (192, 7913), (229, 8030), (234, 8078),

Gene: EleanorGeorge_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for EleanorGeorge_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Elezi_7 Start: 6809, Stop: 7753, Start Num: 8

Candidate Starts for Elezi_7:

(Start: 8 @6809 has 470 MA's), (19, 6860), (35, 6947), (44, 7001), (50, 7043), (64, 7133), (71, 7160), (102, 7244), (114, 7289), (135, 7409), (145, 7451), (149, 7469), (168, 7547), (177, 7592), (180, 7604), (184, 7616), (185, 7619), (192, 7646), (211, 7694), (214, 7703), (222, 7727),

Gene: Ellson_9 Start: 6212, Stop: 7372, Start Num: 6

Candidate Starts for Ellson_9:

(Start: 6 @6212 has 22 MA's), (23, 6290), (27, 6305), (35, 6359), (36, 6365), (46, 6422), (51, 6455), (60, 6512), (66, 6545), (69, 6554), (112, 6680), (138, 6839), (160, 6929), (186, 7037), (192, 7058), (204, 7091), (241, 7298), (244, 7316),

Gene: Emaanora_12 Start: 7220, Stop: 8293, Start Num: 8

Candidate Starts for Emaanora_12:

(Start: 8 @7220 has 470 MA's), (110, 7712), (113, 7727), (160, 7967), (164, 7979), (171, 8009), (184, 8063), (226, 8201),

Gene: EmiMonkey_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for EmiMonkey_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: EmiRose_6 Start: 5829, Stop: 6923, Start Num: 8

Candidate Starts for EmiRose_6:

(Start: 8 @5829 has 470 MA's), (26, 5916), (48, 6057), (52, 6084), (58, 6114), (63, 6174), (70, 6210), (74, 6246), (88, 6327), (97, 6369), (101, 6423), (120, 6498), (140, 6621), (145, 6636), (168, 6732), (172, 6753), (179, 6786), (184, 6801), (202, 6849), (208, 6873),

Gene: Emma_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Emma_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Emotion_6 Start: 5160, Stop: 6125, Start Num: 8

Candidate Starts for Emotion_6:

(Start: 8 @5160 has 470 MA's), (47, 5370), (56, 5433), (59, 5454), (71, 5514), (86, 5556), (114, 5664), (118, 5685), (135, 5784), (139, 5808), (152, 5865), (160, 5892), (190, 6012),

Gene: Empress_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Empress_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Enceladus_8 Start: 6086, Stop: 7237, Start Num: 8

Candidate Starts for Enceladus_8:

(Start: 8 @6086 has 470 MA's), (11, 6101), (18, 6131), (27, 6170), (35, 6224), (36, 6230), (51, 6320), (60, 6377), (64, 6404), (66, 6410), (114, 6560), (120, 6587), (138, 6704), (150, 6749), (171, 6839), (179, 6878), (185, 6896), (186, 6902), (192, 6923), (216, 6992), (239, 7133), (244, 7178),

Gene: EniyanLRS_27 Start: 12672, Stop: 13850, Start Num: 8

Candidate Starts for EniyanLRS_27:

(Start: 8 @12672 has 470 MA's), (13, 12702), (19, 12723), (22, 12738), (27, 12756), (28, 12762), (35, 12810), (36, 12816), (53, 12927), (57, 12945), (59, 12963), (70, 13020), (80, 13053), (120, 13185), (122, 13197), (124, 13212), (132, 13260), (144, 13323), (154, 13371), (161, 13398), (172, 13446), (175, 13458), (192, 13524), (226, 13653), (227, 13659), (230, 13689), (243, 13797), (249, 13845),

Gene: EnochSoames_11 Start: 7410, Stop: 8483, Start Num: 8

Candidate Starts for EnochSoames_11:

(Start: 8 @7410 has 470 MA's), (65, 7761), (96, 7857), (110, 7902), (113, 7917), (143, 8085), (164, 8169), (171, 8199), (184, 8253), (205, 8313), (226, 8391),

Gene: Enzomatic_7 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for Enzomatic_7:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (137, 5636), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Eradicator_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for Eradicator_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (33, 5174), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: Eraser_7 Start: 6809, Stop: 7753, Start Num: 8

Candidate Starts for Eraser_7:

(Start: 8 @6809 has 470 MA's), (19, 6860), (35, 6947), (36, 6953), (44, 7001), (46, 7016), (50, 7043), (102, 7244), (135, 7409), (149, 7469), (168, 7547), (177, 7592), (180, 7604), (184, 7616), (185, 7619), (192, 7646), (211, 7694), (214, 7703), (222, 7727),

Gene: Esperer_10 Start: 7251, Stop: 8324, Start Num: 8

Candidate Starts for Esperer_10:

(Start: 8 @7251 has 470 MA's), (65, 7602), (96, 7698), (110, 7743), (113, 7758), (143, 7926), (164, 8010), (171, 8040), (184, 8094), (205, 8154), (234, 8292),

Gene: Estave1_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for Estave1_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: Estes_23 Start: 10552, Stop: 11718, Start Num: 8

Candidate Starts for Estes_23:

(Start: 8 @10552 has 470 MA's), (27, 10636), (45, 10756), (46, 10759), (53, 10807), (61, 10855), (69, 10891), (70, 10900), (78, 10924), (96, 10960), (106, 10996), (117, 11050), (126, 11104), (139, 11182), (140, 11185), (154, 11245), (161, 11272), (167, 11299), (171, 11317), (185, 11374), (190, 11392), (196, 11413), (202, 11446), (231, 11581), (236, 11611),

Gene: Exile_7 Start: 6843, Stop: 7796, Start Num: 8

Candidate Starts for Exile_7:

(Start: 8 @6843 has 470 MA's), (16, 6888), (35, 6987), (42, 7011), (46, 7053), (47, 7056), (100, 7269), (114, 7326), (118, 7347), (139, 7470), (164, 7566), (184, 7653), (192, 7683), (199, 7698), (211, 7731), (222, 7764),

Gene: Faith1_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Faith1_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Fancypants_6 Start: 5051, Stop: 5872, Start Num: 8

Candidate Starts for Fancypants_6:

(Start: 8 @5051 has 470 MA's), (14, 5090), (32, 5174), (33, 5177), (36, 5192), (37, 5195), (80, 5411), (84, 5417), (116, 5525), (120, 5543), (122, 5555), (140, 5666), (162, 5738), (176, 5810), (185, 5843),

Gene: FarmResident_8 Start: 5795, Stop: 6943, Start Num: 8

Candidate Starts for FarmResident_8:

(Start: 8 @5795 has 470 MA's), (27, 5879), (36, 5939), (45, 5993), (51, 6029), (54, 6047), (60, 6086), (66, 6119), (102, 6224), (112, 6254), (114, 6269), (118, 6290), (120, 6296), (138, 6413), (139, 6419), (160, 6503), (171, 6548), (174, 6563), (179, 6587), (185, 6605), (186, 6611), (192, 6632), (202, 6656), (216, 6701), (230, 6776), (239, 6842), (247, 6923),

Gene: Fastidio_6 Start: 5050, Stop: 5871, Start Num: 8

Candidate Starts for Fastidio_6:

(Start: 8 @5050 has 470 MA's), (14, 5089), (32, 5173), (36, 5191), (80, 5410), (84, 5416), (116, 5524), (120, 5542), (122, 5554), (140, 5665), (162, 5737), (176, 5809), (185, 5842),

Gene: Filuzino_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for Filuzino_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: Finemlucis_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Finemlucis_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Finnry_9 Start: 6197, Stop: 7357, Start Num: 6

Candidate Starts for Finnry_9:

(Start: 6 @6197 has 22 MA's), (23, 6275), (27, 6290), (35, 6344), (36, 6350), (46, 6407), (51, 6440), (60, 6497), (66, 6530), (69, 6539), (112, 6665), (138, 6824), (160, 6914), (186, 7022), (192, 7043), (202, 7067), (237, 7235), (239, 7256), (244, 7301),

Gene: Firehouse51_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Firehouse51_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: FiveHead_6 Start: 5146, Stop: 6090, Start Num: 8

Candidate Starts for FiveHead_6:

(Start: 8 @5146 has 470 MA's), (19, 5197), (27, 5230), (59, 5437), (70, 5494), (118, 5647), (136, 5755), (145, 5788), (149, 5806), (160, 5854), (177, 5926), (184, 5950), (190, 5971), (222, 6061),

Gene: Floof_6 Start: 5563, Stop: 6561, Start Num: 3

Candidate Starts for Floof_6:

(Start: 3 @5563 has 1 MA's), (49, 5809), (54, 5845), (62, 5902), (64, 5914), (135, 6205), (145, 6247), (155, 6295), (174, 6373), (180, 6400), (209, 6484), (223, 6532),

Gene: Florinda_6 Start: 5067, Stop: 5888, Start Num: 8

Candidate Starts for Florinda_6:

(Start: 8 @5067 has 470 MA's), (14, 5106), (32, 5190), (36, 5208), (37, 5211), (80, 5427), (84, 5433), (116, 5541), (120, 5559), (122, 5571), (140, 5682), (162, 5754), (176, 5826), (185, 5859),

Gene: Flutur_7 Start: 6820, Stop: 7767, Start Num: 8

Candidate Starts for Flutur_7:

(Start: 8 @6820 has 470 MA's), (19, 6871), (27, 6904), (50, 7054), (71, 7171), (114, 7300), (118, 7321), (135, 7420), (136, 7429), (149, 7480), (168, 7558), (177, 7603), (178, 7606), (184, 7627), (190, 7648), (192, 7657), (199, 7672), (222, 7738),

Gene: Footloose_6 Start: 4869, Stop: 5759, Start Num: 8

Candidate Starts for Footloose_6:

(Start: 8 @4869 has 470 MA's), (54, 5130), (62, 5184), (70, 5220), (85, 5256), (104, 5322), (110, 5343), (149, 5541), (168, 5619),

Gene: Forester_7 Start: 7166, Stop: 8143, Start Num: 5

Candidate Starts for Forester_7:

(Start: 5 @7166 has 5 MA's), (27, 7265), (49, 7403), (54, 7439), (62, 7496), (64, 7508), (92, 7595), (135, 7787), (140, 7814), (155, 7877), (174, 7955), (180, 7982), (188, 8009), (203, 8045), (205, 8054), (223, 8114),

Gene: FreakyGoo_19 Start: 9854, Stop: 11017, Start Num: 8

Candidate Starts for FreakyGoo_19:

(Start: 8 @9854 has 470 MA's), (27, 9938), (45, 10058), (46, 10061), (61, 10157), (64, 10178), (78, 10226), (98, 10271), (107, 10301), (114, 10334), (122, 10373), (139, 10484), (140, 10487), (142, 10493), (154, 10547), (161, 10574), (167, 10601), (171, 10619), (185, 10676), (190, 10694), (196, 10715), (202, 10748), (231, 10877), (239, 10931), (242, 10970),

Gene: FreddyB_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for FreddyB_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (33, 5174), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: Fruitloop_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for Fruitloop_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: GUmbie_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for GUmbie_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: Gabriela_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Gabriela_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Galactic_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for Galactic_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (137, 5636), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Galactica_7 Start: 5830, Stop: 6765, Start Num: 8

Candidate Starts for Galactica_7:

(Start: 8 @5830 has 470 MA's), (24, 5902), (47, 6022), (55, 6076), (58, 6088), (69, 6151), (86, 6208), (110, 6310), (119, 6352), (136, 6460), (181, 6646), (192, 6685),

Gene: Gambol_7 Start: 6242, Stop: 7168, Start Num: 8

Candidate Starts for Gambol_7:

(Start: 8 @6242 has 470 MA's), (38, 6392), (43, 6407), (51, 6479), (71, 6590), (102, 6674), (110, 6701), (119, 6743), (136, 6848), (140, 6866), (149, 6899), (156, 6932), (185, 7049), (192, 7076), (209, 7112), (222, 7145),

Gene: Gandalph_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for Gandalph_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (36, 5205), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: Gardann_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Gardann_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: GardenSalsa_22 Start: 10388, Stop: 11554, Start Num: 8

Candidate Starts for GardenSalsa_22:

(Start: 8 @10388 has 470 MA's), (27, 10472), (30, 10496), (38, 10538), (45, 10592), (53, 10643), (61, 10691), (69, 10727), (70, 10736), (78, 10760), (96, 10796), (106, 10832), (117, 10886), (126, 10940), (139, 11018), (140, 11021), (154, 11081), (161, 11108), (167, 11135), (171, 11153), (185, 11210), (190, 11228), (196, 11249), (202, 11282), (231, 11417), (236, 11447), (238, 11468), (240, 11480),

Gene: GardenState_7 Start: 6286, Stop: 7260, Start Num: 4

Candidate Starts for GardenState_7:

(Start: 4 @6286 has 2 MA's), (47, 6511), (54, 6559), (64, 6628), (78, 6676), (114, 6790), (136, 6919), (145, 6952), (146, 6961), (152, 6991), (155, 7000), (172, 7069), (185, 7120), (208, 7186), (219, 7219), (223, 7237),

Gene: GenevaB15_22 Start: 10415, Stop: 11581, Start Num: 8

Candidate Starts for GenevaB15_22:

(Start: 8 @10415 has 470 MA's), (27, 10499), (30, 10523), (38, 10565), (45, 10619), (53, 10670), (61, 10718), (69, 10754), (70, 10763), (78, 10787), (96, 10823), (106, 10859), (117, 10913), (126, 10967), (139, 11045), (140, 11048), (154, 11108), (161, 11135), (167, 11162), (171, 11180), (185, 11237), (190, 11255), (196, 11276), (202, 11309), (231, 11444), (236, 11474), (238, 11495), (240, 11507),

Gene: Geralt_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Geralt_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: GigiOuiOui_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for GigiOuiOui_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: Giorgio_7 Start: 6335, Stop: 7261, Start Num: 8

Candidate Starts for Giorgio_7:

(Start: 8 @6335 has 470 MA's), (38, 6485), (43, 6500), (51, 6572), (71, 6683), (102, 6767), (110, 6794), (119, 6836), (140, 6959), (149, 6992), (156, 7025), (185, 7142), (192, 7169), (214, 7214), (222, 7238),

Gene: GirlDinner_10 Start: 7086, Stop: 8132, Start Num: 8

Candidate Starts for GirlDinner_10:

(Start: 8 @7086 has 470 MA's), (60, 7383), (65, 7410), (110, 7551), (113, 7566), (140, 7725), (164, 7818), (184, 7902), (192, 7932), (226, 8040),

Gene: Girr_6 Start: 5053, Stop: 5874, Start Num: 8

Candidate Starts for Girr_6:

(Start: 8 @5053 has 470 MA's), (14, 5092), (32, 5176), (36, 5194), (80, 5413), (84, 5419), (120, 5545), (122, 5557), (140, 5668), (162, 5740), (176, 5812), (185, 5845),

Gene: Glaske16_19 Start: 9853, Stop: 11016, Start Num: 8

Candidate Starts for Glaske16_19:

(Start: 8 @9853 has 470 MA's), (27, 9937), (45, 10057), (46, 10060), (61, 10156), (64, 10177), (78, 10225), (98, 10270), (107, 10300), (114, 10333), (122, 10372), (139, 10483), (140, 10486), (142, 10492), (154, 10546), (161, 10573), (167, 10600), (171, 10618), (185, 10675), (190, 10693), (196, 10714), (202, 10747), (231, 10876), (239, 10930), (242, 10969),

Gene: Goby_10 Start: 7221, Stop: 8297, Start Num: 8

Candidate Starts for Goby_10:

(Start: 8 @7221 has 470 MA's), (110, 7719), (117, 7755), (140, 7893), (151, 7932), (171, 8016), (172, 8022), (192, 8100), (226, 8205),

Gene: Godpower_11 Start: 7218, Stop: 8306, Start Num: 8

Candidate Starts for Godpower_11:

(Start: 8 @7218 has 470 MA's), (110, 7737), (113, 7752), (140, 7911), (164, 8004), (171, 8034), (184, 8088), (205, 8148),

Gene: Gorge_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for Gorge_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (80, 5396), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: GreenWeasel_12 Start: 7324, Stop: 8379, Start Num: 8

Candidate Starts for GreenWeasel_12:

(Start: 8 @7324 has 470 MA's), (65, 7654), (70, 7675), (110, 7795), (114, 7813), (151, 8008), (171, 8095), (180, 8137), (185, 8152),

Gene: Gretchen_7 Start: 7160, Stop: 8137, Start Num: 5

Candidate Starts for Gretchen_7:

(Start: 5 @7160 has 5 MA's), (27, 7259), (49, 7397), (54, 7433), (62, 7490), (64, 7502), (92, 7589), (135, 7781), (140, 7808), (155, 7871), (174, 7949), (180, 7976), (188, 8003), (203, 8039), (205, 8048), (223, 8108),

Gene: Grimmer_7 Start: 5702, Stop: 6523, Start Num: 8

Candidate Starts for Grimmer_7:

(Start: 8 @5702 has 470 MA's), (14, 5741), (32, 5825), (36, 5843), (84, 6068), (116, 6176), (120, 6194), (122, 6206), (140, 6317), (162, 6389), (176, 6461), (185, 6494),

Gene: Gumpizza_7 Start: 6334, Stop: 7260, Start Num: 8

Candidate Starts for Gumpizza_7:

(Start: 8 @6334 has 470 MA's), (38, 6484), (43, 6499), (51, 6571), (71, 6682), (102, 6766), (110, 6793), (119, 6835), (140, 6958), (149, 6991), (156, 7024), (185, 7141), (192, 7168), (214, 7213), (222, 7237),

Gene: Guppsters_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Guppsters_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: GuuelaD_8 Start: 6104, Stop: 7252, Start Num: 8

Candidate Starts for GuuelaD_8:

(Start: 8 @6104 has 470 MA's), (11, 6119), (18, 6149), (27, 6188), (35, 6242), (51, 6338), (64, 6422), (102, 6533), (112, 6563), (114, 6578), (119, 6602), (122, 6617), (135, 6704), (138, 6722), (139, 6728), (160, 6812), (171, 6857), (186, 6920), (192, 6941), (202, 6965), (204, 6974), (216, 7010), (230, 7085), (239, 7151), (241, 7178),

Gene: Hades_6 Start: 5050, Stop: 5871, Start Num: 8

Candidate Starts for Hades_6:

(Start: 8 @5050 has 470 MA's), (14, 5089), (32, 5173), (33, 5176), (36, 5191), (37, 5194), (84, 5416), (116, 5524), (120, 5542), (122, 5554), (137, 5650), (140, 5665), (162, 5737), (176, 5809), (185, 5842),

Gene: Hafay_8 Start: 6103, Stop: 7251, Start Num: 8

Candidate Starts for Hafay_8:

(Start: 8 @6103 has 470 MA's), (11, 6118), (27, 6187), (35, 6241), (51, 6337), (64, 6421), (102, 6532), (112, 6562), (114, 6577), (119, 6601), (122, 6616), (135, 6703), (138, 6721), (139, 6727), (160, 6811), (171, 6856), (186, 6919), (192, 6940), (204, 6973), (216, 7009), (230, 7084), (239, 7150), (241, 7177),

Gene: Haizum_10 Start: 7041, Stop: 8087, Start Num: 8

Candidate Starts for Haizum_10:

(Start: 8 @7041 has 470 MA's), (24, 7116), (60, 7338), (81, 7422), (110, 7506), (113, 7521), (164, 7773), (171, 7803), (184, 7857), (192, 7887),

Gene: Halena_8 Start: 6085, Stop: 7236, Start Num: 8

Candidate Starts for Halena_8:

(Start: 8 @6085 has 470 MA's), (11, 6100), (18, 6130), (27, 6169), (35, 6223), (36, 6229), (51, 6319), (60, 6376), (64, 6403), (66, 6409), (114, 6559), (120, 6586), (138, 6703), (150, 6748), (171, 6838), (179, 6877), (185, 6895), (186, 6901), (192, 6922), (216, 6991), (239, 7132), (244, 7177),

Gene: Halsey_7 Start: 6333, Stop: 7259, Start Num: 8

Candidate Starts for Halsey_7:

(Start: 8 @6333 has 470 MA's), (38, 6483), (43, 6498), (51, 6570), (71, 6681), (102, 6765), (110, 6792), (119, 6834), (140, 6957), (149, 6990), (156, 7023), (185, 7140), (192, 7167), (214, 7212), (222, 7236),

Gene: Hamulus_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for Hamulus_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: Hank144_11 Start: 7359, Stop: 8426, Start Num: 8

Candidate Starts for Hank144_11:

(Start: 8 @7359 has 470 MA's), (24, 7431), (51, 7620), (65, 7704), (110, 7845), (113, 7860), (119, 7887), (143, 8028), (184, 8199), (226, 8334),

Gene: Harley_6 Start: 5037, Stop: 5858, Start Num: 8

Candidate Starts for Harley_6:

(Start: 8 @5037 has 470 MA's), (14, 5076), (32, 5160), (36, 5178), (37, 5181), (80, 5397), (84, 5403), (116, 5511), (120, 5529), (122, 5541), (140, 5652), (162, 5724), (176, 5796), (185, 5829),

Gene: Hippo_10 Start: 7220, Stop: 8293, Start Num: 8

Candidate Starts for Hippo_10:

(Start: 8 @7220 has 470 MA's), (110, 7712), (113, 7727), (160, 7967), (164, 7979), (171, 8009), (184, 8063), (226, 8201),

Gene: Hiyaa_7 Start: 5800, Stop: 6735, Start Num: 8

Candidate Starts for Hiyaa_7:

(Start: 8 @5800 has 470 MA's), (24, 5872), (55, 6046), (69, 6121), (83, 6169), (86, 6178), (92, 6196), (110, 6280), (114, 6298), (136, 6430), (141, 6451), (181, 6616),

Gene: Hlubikazi_6 Start: 5037, Stop: 5858, Start Num: 8

Candidate Starts for Hlubikazi_6:

(Start: 8 @5037 has 470 MA's), (14, 5076), (32, 5160), (33, 5163), (36, 5178), (37, 5181), (80, 5397), (84, 5403), (120, 5529), (122, 5541), (140, 5652), (162, 5724), (176, 5796), (185, 5829),

Gene: Honk_6 Start: 5188, Stop: 6153, Start Num: 5

Candidate Starts for Honk_6:

(Start: 5 @5188 has 5 MA's), (54, 5461), (62, 5518), (86, 5599), (136, 5821), (168, 5950), (188, 6034), (208, 6088), (211, 6097), (223, 6139),

Gene: Hydra_12 Start: 7788, Stop: 8852, Start Num: 8

Candidate Starts for Hydra_12:

(Start: 8 @7788 has 470 MA's), (65, 8133), (110, 8274), (113, 8289), (143, 8457), (151, 8487), (164, 8541), (171, 8571), (184, 8625), (226, 8760),

Gene: IAmGroot_7 Start: 6930, Stop: 7904, Start Num: 4

Candidate Starts for IAmGroot_7:

(Start: 4 @6930 has 2 MA's), (47, 7155), (54, 7203), (64, 7272), (78, 7320), (114, 7434), (136, 7563), (145, 7596), (146, 7605), (152, 7635), (155, 7644), (172, 7713), (185, 7764), (208, 7830), (219, 7863), (223, 7881),

Gene: IMpilo_6 Start: 5050, Stop: 5871, Start Num: 8

Candidate Starts for IMpilo_6:

(Start: 8 @5050 has 470 MA's), (14, 5089), (32, 5173), (33, 5176), (36, 5191), (37, 5194), (84, 5416), (116, 5524), (120, 5542), (122, 5554), (127, 5587), (137, 5650), (140, 5665), (162, 5737), (176, 5809), (185, 5842),

Gene: IPhane7_18 Start: 9854, Stop: 11017, Start Num: 8

Candidate Starts for IPhane7_18:

(Start: 8 @9854 has 470 MA's), (27, 9938), (45, 10058), (46, 10061), (61, 10157), (64, 10178), (78, 10226), (98, 10271), (107, 10301), (114, 10334), (122, 10373), (139, 10484), (140, 10487), (142, 10493), (154, 10547), (161, 10574), (167, 10601), (171, 10619), (185, 10676), (190, 10694), (196, 10715), (202, 10748), (231, 10877), (239, 10931), (242, 10970),

Gene: IUFootball_6 Start: 5287, Stop: 6255, Start Num: 8

Candidate Starts for IUFootball_6:

(Start: 8 @5287 has 470 MA's), (27, 5371), (31, 5398), (46, 5494), (47, 5497), (56, 5560), (59, 5581), (114, 5791), (118, 5812), (140, 5938), (152, 5992), (160, 6019), (167, 6046), (185, 6121), (190, 6139), (209, 6190),

Gene: IbOuu_6 Start: 5046, Stop: 5867, Start Num: 8

Candidate Starts for IbOuu_6:

(Start: 8 @5046 has 470 MA's), (14, 5085), (32, 5169), (33, 5172), (36, 5187), (37, 5190), (84, 5412), (116, 5520), (120, 5538), (122, 5550), (137, 5646), (140, 5661), (162, 5733), (176, 5805), (185, 5838),

Gene: Ibhubesi_6 Start: 5037, Stop: 5858, Start Num: 8

Candidate Starts for Ibhubesi_6:

(Start: 8 @5037 has 470 MA's), (14, 5076), (32, 5160), (36, 5178), (37, 5181), (80, 5397), (84, 5403), (116, 5511), (120, 5529), (122, 5541), (140, 5652), (162, 5724), (176, 5796), (185, 5829),

Gene: Indigo_10 Start: 7251, Stop: 8324, Start Num: 8

Candidate Starts for Indigo_10:

(Start: 8 @7251 has 470 MA's), (65, 7602), (96, 7698), (110, 7743), (113, 7758), (143, 7926), (164, 8010), (171, 8040), (184, 8094), (205, 8154), (234, 8292),

Gene: Inventum_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Inventum_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: IrishSherpFalk_6 Start: 5050, Stop: 5871, Start Num: 8

Candidate Starts for IrishSherpFalk_6:

(Start: 8 @5050 has 470 MA's), (14, 5089), (32, 5173), (36, 5191), (37, 5194), (80, 5410), (84, 5416), (116, 5524), (120, 5542), (122, 5554), (140, 5665), (162, 5737), (185, 5842),

Gene: Issmi_11 Start: 7309, Stop: 8367, Start Num: 8

Candidate Starts for Issmi_11:

(Start: 8 @7309 has 470 MA's), (10, 7330), (65, 7639), (110, 7780), (130, 7885), (149, 7987), (151, 7993), (164, 8047), (171, 8080), (185, 8137), (192, 8164), (217, 8236), (226, 8275),

Gene: Iter_7 Start: 6834, Stop: 7778, Start Num: 8

Candidate Starts for Iter_7:

(Start: 8 @6834 has 470 MA's), (19, 6885), (35, 6972), (44, 7026), (50, 7068), (71, 7185), (73, 7194), (102, 7269), (135, 7434), (145, 7476), (149, 7494), (168, 7572), (177, 7617), (180, 7629), (184, 7641), (190, 7662), (192, 7671), (199, 7686), (222, 7752),

Gene: Itos_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Itos_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: IttyBittyPiggy_7 Start: 6819, Stop: 7766, Start Num: 8

Candidate Starts for IttyBittyPiggy_7:

(Start: 8 @6819 has 470 MA's), (19, 6870), (44, 7011), (50, 7053), (56, 7089), (71, 7170), (73, 7179), (86, 7212), (114, 7299), (119, 7323), (145, 7461), (178, 7605), (184, 7626), (192, 7656), (199, 7671), (222, 7737),

Gene: Itza_10 Start: 7438, Stop: 8511, Start Num: 8

Candidate Starts for Itza_10:

(2, 7402), (Start: 8 @7438 has 470 MA's), (23, 7516), (65, 7792), (96, 7888), (112, 7936), (120, 7978), (141, 8110), (147, 8134), (151, 8146), (171, 8233), (172, 8239), (185, 8290), (192, 8317), (217, 8386),

Gene: Izel_19 Start: 9853, Stop: 11016, Start Num: 8

Candidate Starts for Izel_19:

(Start: 8 @9853 has 470 MA's), (27, 9937), (45, 10057), (46, 10060), (61, 10156), (64, 10177), (78, 10225), (98, 10270), (107, 10300), (114, 10333), (122, 10372), (139, 10483), (140, 10486), (142, 10492), (154, 10546), (161, 10573), (167, 10600), (171, 10618), (185, 10675), (190, 10693), (196, 10714), (202, 10747), (231, 10876), (239, 10930), (242, 10969),

Gene: Izzy_11 Start: 7461, Stop: 8534, Start Num: 8

Candidate Starts for Izzy_11:

(Start: 8 @7461 has 470 MA's), (65, 7812), (96, 7908), (110, 7953), (113, 7968), (143, 8136), (164, 8220), (171, 8250), (184, 8304), (205, 8364),

Gene: Jace_6 Start: 5646, Stop: 6560, Start Num: 8

Candidate Starts for Jace_6:

(Start: 8 @5646 has 470 MA's), (26, 5733), (27, 5736), (33, 5781), (51, 5874), (70, 5982), (104, 6117), (119, 6180), (139, 6300), (152, 6360), (189, 6516),

Gene: James_6 Start: 5039, Stop: 5860, Start Num: 8

Candidate Starts for James_6:

(Start: 8 @5039 has 470 MA's), (14, 5078), (32, 5162), (36, 5180), (80, 5399), (84, 5405), (120, 5531), (122, 5543), (140, 5654), (162, 5726), (176, 5798), (185, 5831),

Gene: Janeemi_8 Start: 7920, Stop: 8864, Start Num: 8

Candidate Starts for Janeemi_8:

(Start: 8 @7920 has 470 MA's), (36, 8064), (50, 8154), (71, 8271), (102, 8355), (114, 8400), (119, 8424), (135, 8520), (145, 8562), (168, 8658), (178, 8706), (184, 8727), (192, 8757), (211, 8805), (222, 8838),

Gene: Jant_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Jant_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Janus_11 Start: 7423, Stop: 8469, Start Num: 8

Candidate Starts for Janus_11:

(Start: 8 @7423 has 470 MA's), (60, 7720), (65, 7747), (110, 7888), (113, 7903), (140, 8062), (164, 8155), (184, 8239), (226, 8377),

Gene: Jacob_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for Jacob_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (33, 5174), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: Jash_11 Start: 7414, Stop: 8487, Start Num: 8

Candidate Starts for Jash_11:

(Start: 8 @7414 has 470 MA's), (65, 7765), (96, 7861), (110, 7906), (113, 7921), (143, 8089), (164, 8173), (171, 8203), (184, 8257), (205, 8317),

Gene: JasmineDragon_6 Start: 5155, Stop: 6096, Start Num: 8

Candidate Starts for JasmineDragon_6:

(Start: 8 @5155 has 470 MA's), (19, 5206), (44, 5347), (50, 5389), (59, 5446), (64, 5479), (70, 5503), (78, 5527), (118, 5656), (136, 5764), (145, 5797), (156, 5848), (160, 5863), (177, 5935), (184, 5959), (190, 5980), (211, 6037), (222, 6070),

Gene: Jennelsea_6 Start: 5035, Stop: 5856, Start Num: 8

Candidate Starts for Jennelsea_6:

(Start: 8 @5035 has 470 MA's), (14, 5074), (32, 5158), (33, 5161), (36, 5176), (37, 5179), (84, 5401), (116, 5509), (120, 5527), (122, 5539), (137, 5635), (140, 5650), (162, 5722), (176, 5794), (185, 5827),

Gene: Jevington_12 Start: 7599, Stop: 8669, Start Num: 8

Candidate Starts for Jevington_12:

(Start: 8 @7599 has 470 MA's), (65, 7929), (110, 8082), (149, 8289), (151, 8295), (180, 8424), (184, 8436), (224, 8571), (226, 8577),

Gene: Jhitchelle_9 Start: 6997, Stop: 8025, Start Num: 8

Candidate Starts for Jhitchelle_9:

(Start: 8 @6997 has 470 MA's), (19, 7051), (58, 7273), (140, 7630), (164, 7723), (179, 7795), (185, 7813), (192, 7840), (217, 7909), (234, 8005),

Gene: Jinglebell_6 Start: 5046, Stop: 5867, Start Num: 8

Candidate Starts for Jinglebell_6:

(Start: 8 @5046 has 470 MA's), (14, 5085), (32, 5169), (33, 5172), (36, 5187), (37, 5190), (84, 5412), (116, 5520), (120, 5538), (122, 5550), (140, 5661), (162, 5733), (176, 5805), (185, 5838),

Gene: Jobypre_9 Start: 6200, Stop: 7360, Start Num: 6

Candidate Starts for Jobypre_9:

(Start: 6 @6200 has 22 MA's), (23, 6278), (27, 6293), (35, 6347), (36, 6353), (46, 6410), (51, 6443), (60, 6500), (66, 6533), (69, 6542), (102, 6638), (112, 6668), (138, 6827), (160, 6917), (186, 7025), (192, 7046), (202, 7070), (237, 7238), (239, 7259), (244, 7304),

Gene: JoeDirt_8 Start: 6085, Stop: 7236, Start Num: 8

Candidate Starts for JoeDirt_8:

(Start: 8 @6085 has 470 MA's), (11, 6100), (18, 6130), (27, 6169), (35, 6223), (36, 6229), (51, 6319), (60, 6376), (64, 6403), (66, 6409), (114, 6559), (120, 6586), (138, 6703), (150, 6748), (171, 6838), (179, 6877), (185, 6895), (186, 6901), (192, 6922), (216, 6991), (239, 7132), (244, 7177),

Gene: Joemato_7 Start: 6821, Stop: 7768, Start Num: 8

Candidate Starts for Joemato_7:

(Start: 8 @6821 has 470 MA's), (19, 6872), (27, 6905), (36, 6965), (44, 7013), (50, 7055), (71, 7172), (102, 7256), (114, 7301), (118, 7322), (135, 7421), (145, 7463), (160, 7529), (168, 7559), (177, 7604), (180, 7616), (185, 7631), (192, 7658), (211, 7706), (222, 7739),

Gene: JoeyJr_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for JoeyJr_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: JohnDoe_7 Start: 6819, Stop: 7766, Start Num: 8

Candidate Starts for JohnDoe_7:

(Start: 8 @6819 has 470 MA's), (19, 6870), (27, 6903), (36, 6963), (44, 7011), (50, 7053), (71, 7170), (102, 7254), (114, 7299), (118, 7320), (135, 7419), (145, 7461), (149, 7479), (168, 7557), (177, 7602), (180, 7614), (184, 7626), (192, 7656), (199, 7671), (211, 7704), (222, 7737),

Gene: JohnThicc_6 Start: 5146, Stop: 6090, Start Num: 8

Candidate Starts for JohnThicc_6:

(Start: 8 @5146 has 470 MA's), (19, 5197), (27, 5230), (59, 5437), (70, 5494), (118, 5647), (136, 5755), (145, 5788), (149, 5806), (160, 5854), (177, 5926), (184, 5950), (190, 5971), (222, 6061),

Gene: Jstan_7 Start: 6809, Stop: 7753, Start Num: 8

Candidate Starts for Jstan_7:

(Start: 8 @6809 has 470 MA's), (19, 6860), (35, 6947), (36, 6953), (44, 7001), (46, 7016), (50, 7043), (102, 7244), (135, 7409), (149, 7469), (168, 7547), (177, 7592), (180, 7604), (184, 7616), (185, 7619), (192, 7646), (211, 7694), (214, 7703), (222, 7727),

Gene: Jubie_9 Start: 6200, Stop: 7360, Start Num: 6

Candidate Starts for Jubie_9:

(Start: 6 @6200 has 22 MA's), (23, 6278), (27, 6293), (35, 6347), (36, 6353), (46, 6410), (51, 6443), (60, 6500), (66, 6533), (69, 6542), (102, 6638), (112, 6668), (138, 6827), (160, 6917), (186, 7025), (192, 7046), (202, 7070), (237, 7238), (239, 7259), (244, 7304),

Gene: JuneStar_7 Start: 6936, Stop: 7883, Start Num: 8

Candidate Starts for JuneStar_7:

(Start: 8 @6936 has 470 MA's), (19, 6987), (50, 7170), (73, 7296), (114, 7416), (119, 7440), (120, 7443), (145, 7578), (149, 7596), (177, 7719), (178, 7722), (184, 7743), (192, 7773), (199, 7788), (222, 7854),

Gene: Juniper1_6 Start: 5039, Stop: 5860, Start Num: 8

Candidate Starts for Juniper1_6:

(Start: 8 @5039 has 470 MA's), (14, 5078), (32, 5162), (33, 5165), (36, 5180), (80, 5399), (84, 5405), (120, 5531), (122, 5543), (140, 5654), (162, 5726), (176, 5798), (185, 5831),

Gene: Kahlid_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Kahlid_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Kaine_10 Start: 7060, Stop: 8088, Start Num: 8

Candidate Starts for Kaine_10:

(Start: 8 @7060 has 470 MA's), (19, 7114), (34, 7195), (140, 7693), (164, 7786), (179, 7858), (185, 7876), (192, 7903), (229, 8020), (234, 8068),

Gene: Kalimba_7 Start: 6242, Stop: 7168, Start Num: 8

Candidate Starts for Kalimba_7:

(Start: 8 @6242 has 470 MA's), (38, 6392), (43, 6407), (51, 6479), (71, 6590), (102, 6674), (110, 6701), (119, 6743), (136, 6848), (140, 6866), (149, 6899), (156, 6932), (185, 7049), (192, 7076), (209, 7112), (222, 7145),

Gene: Karhdo_6 Start: 5051, Stop: 5872, Start Num: 8

Candidate Starts for Karhdo_6:

(Start: 8 @5051 has 470 MA's), (14, 5090), (32, 5174), (36, 5192), (80, 5411), (84, 5417), (116, 5525), (120, 5543), (122, 5555), (140, 5666), (162, 5738), (176, 5810), (185, 5843),

Gene: Katalie_11 Start: 7494, Stop: 8567, Start Num: 8

Candidate Starts for Katalie_11:

(Start: 8 @7494 has 470 MA's), (110, 7986), (117, 8022), (140, 8160), (151, 8199), (171, 8283), (184, 8337), (226, 8475),

Gene: Kaylissa_7 Start: 6821, Stop: 7768, Start Num: 8

Candidate Starts for Kaylissa_7:

(Start: 8 @6821 has 470 MA's), (19, 6872), (27, 6905), (36, 6965), (44, 7013), (50, 7055), (71, 7172), (102, 7256), (114, 7301), (118, 7322), (135, 7421), (145, 7463), (160, 7529), (168, 7559), (177, 7604), (180, 7616), (185, 7631), (192, 7658), (211, 7706), (222, 7739),

Gene: KeAlii_7 Start: 6837, Stop: 7790, Start Num: 8

Candidate Starts for KeAlii_7:

(Start: 8 @6837 has 470 MA's), (46, 7050), (47, 7053), (50, 7077), (56, 7113), (59, 7134), (70, 7191), (102, 7287), (114, 7332), (119, 7356), (140, 7479), (145, 7494), (167, 7587), (177, 7635), (184, 7659), (194, 7695), (219, 7755),

Gene: Keanu_7 Start: 5860, Stop: 6795, Start Num: 8

Candidate Starts for Keanu_7:

(Start: 8 @5860 has 470 MA's), (24, 5932), (47, 6052), (69, 6181), (83, 6229), (86, 6238), (110, 6340), (119, 6382), (157, 6571), (181, 6676), (192, 6715),

Gene: Kenuha5_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Kenuha5_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Kersh_6 Start: 5040, Stop: 5861, Start Num: 8

Candidate Starts for Kersh_6:

(Start: 8 @5040 has 470 MA's), (14, 5079), (32, 5163), (33, 5166), (36, 5181), (37, 5184), (80, 5400), (84, 5406), (116, 5514), (120, 5532), (122, 5544), (140, 5655), (162, 5727), (176, 5799), (185, 5832),

Gene: KingJulian_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for KingJulian_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (80, 5423), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: KingMidas_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for KingMidas_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Kingsolomon_9 Start: 6200, Stop: 7360, Start Num: 6

Candidate Starts for Kingsolomon_9:

(Start: 6 @6200 has 22 MA's), (23, 6278), (27, 6293), (35, 6347), (36, 6353), (46, 6410), (51, 6443), (60, 6500), (66, 6533), (69, 6542), (102, 6638), (112, 6668), (138, 6827), (160, 6917), (186, 7025), (192, 7046), (202, 7070), (237, 7238), (239, 7259), (244, 7304),

Gene: KirDoubleO7_7 Start: 6213, Stop: 7373, Start Num: 6

Candidate Starts for KirDoubleO7_7:

(Start: 6 @6213 has 22 MA's), (23, 6291), (27, 6306), (35, 6360), (36, 6366), (45, 6420), (51, 6456), (60, 6513), (66, 6546), (69, 6555), (112, 6681), (138, 6840), (160, 6930), (186, 7038), (192, 7059), (241, 7299), (244, 7317),

Gene: KleverKiS_18 Start: 9850, Stop: 11013, Start Num: 8

Candidate Starts for KleverKiS_18:

(Start: 8 @9850 has 470 MA's), (27, 9934), (45, 10054), (46, 10057), (61, 10153), (64, 10174), (78, 10222), (98, 10267), (107, 10297), (114, 10330), (122, 10369), (139, 10480), (140, 10483), (142, 10489), (154, 10543), (161, 10570), (167, 10597), (171, 10615), (185, 10672), (190, 10690), (196, 10711), (202, 10744), (231, 10873), (239, 10927), (242, 10966),

Gene: Koella_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Koella_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (33, 5173), (36, 5188), (37, 5191), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (137, 5647), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Kokushibo_8 Start: 5809, Stop: 6744, Start Num: 8

Candidate Starts for Kokushibo_8:

(Start: 8 @5809 has 470 MA's), (24, 5881), (55, 6055), (69, 6130), (83, 6178), (86, 6187), (92, 6205), (110, 6289), (114, 6307), (136, 6439), (141, 6460), (181, 6625),

Gene: Krakatau_7 Start: 5714, Stop: 6535, Start Num: 8

Candidate Starts for Krakatau_7:

(Start: 8 @5714 has 470 MA's), (14, 5753), (32, 5837), (33, 5840), (36, 5855), (37, 5858), (84, 6080), (116, 6188), (120, 6206), (122, 6218), (137, 6314), (140, 6329), (162, 6401), (176, 6473), (185, 6506),

Gene: KristaRAM_7 Start: 5710, Stop: 6531, Start Num: 8

Candidate Starts for KristaRAM_7:

(Start: 8 @5710 has 470 MA's), (14, 5749), (32, 5833), (33, 5836), (36, 5851), (37, 5854), (84, 6076), (116, 6184), (120, 6202), (122, 6214), (137, 6310), (140, 6325), (162, 6397), (176, 6469), (185, 6502),

Gene: Kropertea_8 Start: 5757, Stop: 6914, Start Num: 6

Candidate Starts for Kropertea_8:

(Start: 6 @5757 has 22 MA's), (23, 5835), (27, 5850), (36, 5910), (45, 5964), (51, 6000), (60, 6057), (66, 6090), (70, 6108), (102, 6195), (112, 6225), (114, 6240), (120, 6267), (138, 6384), (139, 6390), (160, 6474), (186, 6582), (192, 6603), (216, 6672), (230, 6747), (239, 6813), (244, 6858), (247, 6894),

Gene: Krypton555_9 Start: 6192, Stop: 7349, Start Num: 6

Candidate Starts for Krypton555_9:

(Start: 6 @6192 has 22 MA's), (23, 6270), (27, 6285), (35, 6339), (36, 6345), (46, 6402), (51, 6435), (60, 6492), (66, 6525), (69, 6534), (112, 6660), (131, 6771), (138, 6819), (160, 6909), (186, 7017), (192, 7038), (202, 7062), (239, 7248), (241, 7275), (244, 7293),

Gene: Kudrefre_16 Start: 9659, Stop: 10618, Start Num: 8

Candidate Starts for Kudrefre_16:

(Start: 8 @9659 has 470 MA's), (18, 9704), (20, 9713), (60, 9959), (78, 10034), (96, 10073), (112, 10127), (119, 10166), (133, 10256), (157, 10367), (169, 10415), (174, 10448), (178, 10466), (200, 10535), (215, 10583),

Gene: Kumao_17 Start: 9206, Stop: 10348, Start Num: 8

Candidate Starts for Kumao_17:

(Start: 8 @9206 has 470 MA's), (14, 9239), (23, 9275), (54, 9461), (60, 9500), (69, 9542), (70, 9551), (114, 9683), (117, 9701), (139, 9833), (141, 9839), (153, 9893), (154, 9896), (161, 9923), (188, 10037), (192, 10052), (237, 10247), (239, 10262), (243, 10304),

Gene: LadyAstra_6 Start: 5146, Stop: 6090, Start Num: 8

Candidate Starts for LadyAstra_6:

(Start: 8 @5146 has 470 MA's), (19, 5197), (27, 5230), (59, 5437), (70, 5494), (118, 5647), (136, 5755), (145, 5788), (160, 5854), (177, 5926), (184, 5950), (190, 5971), (222, 6061),

Gene: Lannister_11 Start: 7235, Stop: 8308, Start Num: 8

Candidate Starts for Lannister_11:

(Start: 8 @7235 has 470 MA's), (65, 7586), (113, 7742), (143, 7910), (164, 7994), (184, 8078), (205, 8138), (226, 8216),

Gene: LastJedi_6 Start: 5039, Stop: 5860, Start Num: 8

Candidate Starts for LastJedi_6:

(Start: 8 @5039 has 470 MA's), (14, 5078), (32, 5162), (36, 5180), (80, 5399), (84, 5405), (120, 5531), (122, 5543), (140, 5654), (162, 5726), (176, 5798), (185, 5831),

Gene: Latretium_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for Latretium_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (80, 5396), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: LeBron_8 Start: 6085, Stop: 7236, Start Num: 8

Candidate Starts for LeBron_8:

(Start: 8 @6085 has 470 MA's), (11, 6100), (18, 6130), (27, 6169), (35, 6223), (36, 6229), (51, 6319), (60, 6376), (64, 6403), (66, 6409), (114, 6559), (120, 6586), (138, 6703), (150, 6748), (160, 6793), (171, 6838), (179, 6877), (185, 6895), (186, 6901), (192, 6922), (216, 6991), (239, 7132), (244, 7177),

Gene: Legacy_10 Start: 7231, Stop: 8295, Start Num: 8

Candidate Starts for Legacy_10:

(Start: 8 @7231 has 470 MA's), (65, 7576), (110, 7717), (113, 7732), (143, 7900), (151, 7930), (164, 7984), (171, 8014), (184, 8068), (226, 8203),

Gene: Lego_7 Start: 6820, Stop: 7767, Start Num: 8

Candidate Starts for Lego_7:

(Start: 8 @6820 has 470 MA's), (19, 6871), (27, 6904), (50, 7054), (71, 7171), (114, 7300), (118, 7321), (135, 7420), (136, 7429), (149, 7480), (168, 7558), (177, 7603), (178, 7606), (184, 7627), (192, 7657), (199, 7672), (222, 7738),

Gene: Leperchaun_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for Leperchaun_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (36, 5177), (37, 5180), (57, 5291), (80, 5396), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Leviticus_10 Start: 7251, Stop: 8324, Start Num: 8

Candidate Starts for Leviticus_10:

(Start: 8 @7251 has 470 MA's), (65, 7602), (96, 7698), (110, 7743), (113, 7758), (143, 7926), (164, 8010), (171, 8040), (184, 8094), (205, 8154), (234, 8292),

Gene: Lewan_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Lewan_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Liebe_6 Start: 5287, Stop: 6255, Start Num: 8

Candidate Starts for Liebe_6:

(Start: 8 @5287 has 470 MA's), (27, 5371), (31, 5398), (46, 5494), (47, 5497), (56, 5560), (59, 5581), (114, 5791), (118, 5812), (140, 5938), (152, 5992), (160, 6019), (167, 6046), (185, 6121), (190, 6139), (209, 6190),

Gene: Lika_10 Start: 7219, Stop: 8307, Start Num: 8

Candidate Starts for Lika_10:

(Start: 8 @7219 has 470 MA's), (110, 7738), (113, 7753), (140, 7912), (164, 8005), (171, 8035), (184, 8089), (205, 8149),

Gene: LilDestine_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for LilDestine_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: LilJank_16 Start: 9534, Stop: 10481, Start Num: 8

Candidate Starts for LilJank_16:

(Start: 8 @9534 has 470 MA's), (19, 9585), (48, 9756), (51, 9777), (119, 10041), (125, 10074), (133, 10131), (140, 10173), (157, 10242),

Gene: LilMoolah_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for LilMoolah_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (33, 5174), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: LilhomieP_17 Start: 9854, Stop: 11017, Start Num: 8

Candidate Starts for LilhomieP_17:

(Start: 8 @9854 has 470 MA's), (27, 9938), (45, 10058), (46, 10061), (61, 10157), (64, 10178), (78, 10226), (98, 10271), (107, 10301), (114, 10334), (122, 10373), (139, 10484), (140, 10487), (142, 10493), (154, 10547), (161, 10574), (167, 10601), (171, 10619), (185, 10676), (190, 10694), (196, 10715), (202, 10748), (231, 10877), (239, 10931), (242, 10970),

Gene: LiyuLake_9 Start: 6204, Stop: 7364, Start Num: 6

Candidate Starts for LiyuLake_9:

(Start: 6 @6204 has 22 MA's), (23, 6282), (27, 6297), (35, 6351), (36, 6357), (45, 6411), (51, 6447), (60, 6504), (66, 6537), (69, 6546), (112, 6672), (138, 6831), (160, 6921), (186, 7029), (192, 7050), (241, 7290), (244, 7308),

Gene: Lizalica_7 Start: 6812, Stop: 7759, Start Num: 8

Candidate Starts for Lizalica_7:

(Start: 8 @6812 has 470 MA's), (19, 6863), (36, 6956), (44, 7004), (50, 7046), (64, 7136), (71, 7163), (114, 7292), (149, 7472), (168, 7550), (177, 7595), (180, 7607), (184, 7619), (192, 7649), (211, 7697), (222, 7730),

Gene: Lizziana_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for Lizziana_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (33, 5175), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: Llama_6 Start: 5046, Stop: 5867, Start Num: 8

Candidate Starts for Llama_6:

(Start: 8 @5046 has 470 MA's), (14, 5085), (32, 5169), (33, 5172), (36, 5187), (37, 5190), (84, 5412), (116, 5520), (120, 5538), (122, 5550), (140, 5661), (162, 5733), (176, 5805), (185, 5838),

Gene: Llij_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for Llij_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: Loadrie_8 Start: 6103, Stop: 7251, Start Num: 8

Candidate Starts for Loadrie_8:

(Start: 8 @6103 has 470 MA's), (11, 6118), (27, 6187), (35, 6241), (51, 6337), (64, 6421), (102, 6532), (112, 6562), (114, 6577), (119, 6601), (122, 6616), (135, 6703), (138, 6721), (139, 6727), (160, 6811), (171, 6856), (186, 6919), (192, 6940), (204, 6973), (216, 7009), (230, 7084), (239, 7150), (241, 7177),

Gene: Lolly9_9 Start: 6207, Stop: 7367, Start Num: 6

Candidate Starts for Lolly9_9:

(Start: 6 @6207 has 22 MA's), (23, 6285), (27, 6300), (35, 6354), (36, 6360), (46, 6417), (51, 6450), (60, 6507), (66, 6540), (69, 6549), (112, 6675), (131, 6786), (138, 6834), (160, 6924), (186, 7032), (192, 7053), (241, 7293), (244, 7311),

Gene: London_7 Start: 6809, Stop: 7753, Start Num: 8

Candidate Starts for London_7:

(Start: 8 @6809 has 470 MA's), (19, 6860), (35, 6947), (36, 6953), (44, 7001), (46, 7016), (50, 7043), (102, 7244), (135, 7409), (149, 7469), (168, 7547), (177, 7592), (180, 7604), (184, 7616), (185, 7619), (192, 7646), (211, 7694), (214, 7703), (222, 7727),

Gene: Loofah_11 Start: 7111, Stop: 8178, Start Num: 8

Candidate Starts for Loofah_11:

(Start: 8 @7111 has 470 MA's), (51, 7372), (65, 7456), (110, 7609), (113, 7624), (119, 7651), (140, 7783), (151, 7822), (184, 7963), (226, 8098),

Gene: Lorelei_10 Start: 7218, Stop: 8291, Start Num: 8

Candidate Starts for Lorelei_10:

(Start: 8 @7218 has 470 MA's), (110, 7710), (113, 7725), (164, 7977), (171, 8007), (192, 8091), (205, 8121), (226, 8199),

Gene: Lumos_9 Start: 6200, Stop: 7360, Start Num: 6

Candidate Starts for Lumos_9:

(Start: 6 @6200 has 22 MA's), (23, 6278), (27, 6293), (35, 6347), (36, 6353), (46, 6410), (51, 6443), (60, 6500), (66, 6533), (69, 6542), (102, 6638), (112, 6668), (138, 6827), (160, 6917), (186, 7025), (192, 7046), (202, 7070), (237, 7238), (239, 7259), (244, 7304),

Gene: LunaBlu_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for LunaBlu_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (137, 5636), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Lynnae_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Lynnae_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: MAckerman_8 Start: 6084, Stop: 7235, Start Num: 8

Candidate Starts for MAckerman_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (36, 6228), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (114, 6558), (120, 6585), (138, 6702), (150, 6747), (171, 6837), (179, 6876), (185, 6894), (186, 6900), (192, 6921), (216, 6990), (239, 7131), (244, 7176),

Gene: MaGuCo_6 Start: 5146, Stop: 6114, Start Num: 8

Candidate Starts for MaGuCo_6:

(Start: 8 @5146 has 470 MA's), (27, 5230), (31, 5257), (46, 5353), (47, 5356), (59, 5440), (114, 5650), (118, 5671), (140, 5797), (152, 5851), (160, 5878), (167, 5905), (185, 5980), (190, 5998), (209, 6049),

Gene: Mabodamaca_7 Start: 6365, Stop: 7327, Start Num: 8

Candidate Starts for Mabodamaca_7:

(Start: 8 @6365 has 470 MA's), (15, 6404), (27, 6452), (54, 6626), (114, 6857), (145, 7019), (152, 7058), (155, 7067), (172, 7136), (174, 7145), (185, 7187), (188, 7199),

Gene: MadMen_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for MadMen_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (80, 5423), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (140, 5678), (154, 5720), (162, 5750), (176, 5822), (185, 5855),

Gene: Mahavrat_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for Mahavrat_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (36, 5177), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Mandlovu_6 Start: 5037, Stop: 5858, Start Num: 8

Candidate Starts for Mandlovu_6:

(Start: 8 @5037 has 470 MA's), (14, 5076), (32, 5160), (33, 5163), (36, 5178), (37, 5181), (80, 5397), (84, 5403), (120, 5529), (122, 5541), (140, 5652), (162, 5724), (176, 5796), (185, 5829),

Gene: Maneekul_10 Start: 7223, Stop: 8296, Start Num: 8

Candidate Starts for Maneekul_10:

(Start: 8 @7223 has 470 MA's), (110, 7715), (113, 7730), (140, 7889), (164, 7982), (171, 8012), (184, 8066), (226, 8204),

Gene: Mantra_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for Mantra_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: Marav_13 Start: 7949, Stop: 9019, Start Num: 8

Candidate Starts for Marav_13:

(Start: 8 @7949 has 470 MA's), (65, 8279), (96, 8375), (110, 8432), (149, 8639), (151, 8645), (164, 8699), (180, 8774), (184, 8786),

Gene: Maravista_6 Start: 5037, Stop: 5858, Start Num: 8

Candidate Starts for Maravista_6:

(1, 4902), (2, 5001), (Start: 8 @5037 has 470 MA's), (14, 5076), (32, 5160), (33, 5163), (36, 5178), (37, 5181), (80, 5397), (84, 5403), (116, 5511), (120, 5529), (122, 5541), (140, 5652), (162, 5724), (176, 5796), (185, 5829),

Gene: Martik_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for Martik_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (33, 5175), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: MaryV_30 Start: 12944, Stop: 14122, Start Num: 8

Candidate Starts for MaryV_30:

(Start: 8 @12944 has 470 MA's), (13, 12974), (19, 12995), (22, 13010), (27, 13028), (35, 13082), (36, 13088), (53, 13199), (57, 13217), (59, 13235), (70, 13292), (80, 13325), (120, 13457), (122, 13469), (124, 13484), (132, 13532), (144, 13595), (154, 13643), (161, 13670), (172, 13718), (175, 13730), (192, 13796), (226, 13925), (227, 13931), (230, 13961), (243, 14069), (249, 14117),

Gene: Mattes_6 Start: 5039, Stop: 5860, Start Num: 8

Candidate Starts for Mattes_6:

(Start: 8 @5039 has 470 MA's), (14, 5078), (32, 5162), (36, 5180), (80, 5399), (84, 5405), (120, 5531), (122, 5543), (140, 5654), (162, 5726), (176, 5798), (185, 5831),

Gene: Maureen_6 Start: 5287, Stop: 6255, Start Num: 8

Candidate Starts for Maureen_6:

(Start: 8 @5287 has 470 MA's), (27, 5371), (31, 5398), (46, 5494), (47, 5497), (56, 5560), (59, 5581), (114, 5791), (118, 5812), (140, 5938), (152, 5992), (160, 6019), (167, 6046), (185, 6121), (190, 6139), (209, 6190),

Gene: Medindi_6 Start: 5051, Stop: 5872, Start Num: 8

Candidate Starts for Medindi_6:

(Start: 8 @5051 has 470 MA's), (14, 5090), (32, 5174), (33, 5177), (36, 5192), (37, 5195), (84, 5417), (116, 5525), (120, 5543), (122, 5555), (137, 5651), (140, 5666), (162, 5738), (176, 5810), (185, 5843),

Gene: Melissauren88_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Melissauren88_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Michkear_10 Start: 8803, Stop: 9777, Start Num: 8

Candidate Starts for Michkear_10:

(Start: 8 @8803 has 470 MA's), (31, 8914), (47, 9013), (50, 9037), (54, 9061), (71, 9157), (92, 9217), (115, 9319), (118, 9334), (136, 9442), (140, 9460), (152, 9514), (160, 9541), (185, 9643), (199, 9685), (211, 9718), (223, 9757),

Gene: MicyPS_6 Start: 5936, Stop: 6847, Start Num: 8

Candidate Starts for MicyPS_6:

(Start: 8 @5936 has 470 MA's), (24, 6008), (25, 6011), (41, 6092), (59, 6215), (61, 6227), (69, 6263), (128, 6476), (144, 6569), (183, 6734),

Gene: MilanaBonita_7 Start: 5710, Stop: 6531, Start Num: 8

Candidate Starts for MilanaBonita_7:

(Start: 8 @5710 has 470 MA's), (14, 5749), (32, 5833), (33, 5836), (36, 5851), (37, 5854), (84, 6076), (116, 6184), (120, 6202), (122, 6214), (137, 6310), (140, 6325), (162, 6397), (176, 6469), (185, 6502),

Gene: Miley16_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Miley16_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: MilleniumForce_7 Start: 5710, Stop: 6531, Start Num: 8

Candidate Starts for MilleniumForce_7:

(Start: 8 @5710 has 470 MA's), (14, 5749), (32, 5833), (33, 5836), (36, 5851), (37, 5854), (84, 6076), (116, 6184), (120, 6202), (122, 6214), (137, 6310), (140, 6325), (162, 6397), (176, 6469), (185, 6502),

Gene: MiniLon_9 Start: 6207, Stop: 7367, Start Num: 6

Candidate Starts for MiniLon_9:

(Start: 6 @6207 has 22 MA's), (23, 6285), (27, 6300), (35, 6354), (36, 6360), (46, 6417), (51, 6450), (60, 6507), (66, 6540), (69, 6549), (112, 6675), (131, 6786), (138, 6834), (160, 6924), (186, 7032), (192, 7053), (241, 7293), (244, 7311),

Gene: MiniMac_9 Start: 6208, Stop: 7368, Start Num: 6

Candidate Starts for MiniMac_9:

(Start: 6 @6208 has 22 MA's), (23, 6286), (27, 6301), (35, 6355), (36, 6361), (46, 6418), (51, 6451), (60, 6508), (66, 6541), (69, 6550), (112, 6676), (131, 6787), (138, 6835), (160, 6925), (186, 7033), (192, 7054), (241, 7294), (244, 7312),

Gene: MiniMommy_6 Start: 5155, Stop: 6096, Start Num: 8

Candidate Starts for MiniMommy_6:

(Start: 8 @5155 has 470 MA's), (19, 5206), (44, 5347), (50, 5389), (59, 5446), (64, 5479), (70, 5503), (78, 5527), (118, 5656), (136, 5764), (145, 5797), (156, 5848), (160, 5863), (177, 5935), (184, 5959), (190, 5980), (211, 6037), (222, 6070),

Gene: MinionDave_7 Start: 5710, Stop: 6531, Start Num: 8

Candidate Starts for MinionDave_7:

(Start: 8 @5710 has 470 MA's), (14, 5749), (32, 5833), (33, 5836), (36, 5851), (37, 5854), (84, 6076), (116, 6184), (120, 6202), (122, 6214), (137, 6310), (140, 6325), (162, 6397), (176, 6469), (185, 6502),

Gene: Minnie_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for Minnie_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: MissSwiss_7 Start: 6842, Stop: 7783, Start Num: 8

Candidate Starts for MissSwiss_7:

(Start: 8 @6842 has 470 MA's), (19, 6893), (35, 6980), (46, 7046), (50, 7073), (59, 7130), (69, 7178), (70, 7187), (102, 7274), (110, 7301), (119, 7343), (149, 7499), (168, 7574), (177, 7619), (184, 7643), (185, 7646), (192, 7673), (199, 7688), (210, 7718), (222, 7754),

Gene: MisterCuddles_6 Start: 5053, Stop: 5874, Start Num: 8

Candidate Starts for MisterCuddles_6:

(Start: 8 @5053 has 470 MA's), (14, 5092), (32, 5176), (36, 5194), (80, 5413), (84, 5419), (120, 5545), (122, 5557), (140, 5668), (162, 5740), (176, 5812), (185, 5845),

Gene: MkaliMitinis3_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for MkaliMitinis3_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: ModicumRichard_7 Start: 5963, Stop: 6880, Start Num: 8

Candidate Starts for ModicumRichard_7:

(Start: 8 @5963 has 470 MA's), (24, 6035), (41, 6122), (114, 6440), (141, 6593), (145, 6605), (155, 6653), (174, 6731), (181, 6761), (201, 6812),

Gene: Modragons_6 Start: 5046, Stop: 5867, Start Num: 8

Candidate Starts for Modragons_6:

(Start: 8 @5046 has 470 MA's), (14, 5085), (32, 5169), (33, 5172), (36, 5187), (37, 5190), (84, 5412), (116, 5520), (120, 5538), (122, 5550), (140, 5661), (162, 5733), (176, 5805), (185, 5838),

Gene: Moonbeam_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for Moonbeam_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (33, 5175), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: Moostard_9 Start: 6196, Stop: 7356, Start Num: 6

Candidate Starts for Moostard_9:

(Start: 6 @6196 has 22 MA's), (23, 6274), (27, 6289), (35, 6343), (36, 6349), (46, 6406), (51, 6439), (60, 6496), (66, 6529), (69, 6538), (112, 6664), (138, 6823), (160, 6913), (186, 7021), (192, 7042),

(202, 7066), (237, 7234), (239, 7255), (244, 7300),

Gene: Morgana_7 Start: 5968, Stop: 6885, Start Num: 8

Candidate Starts for Morgana_7:

(Start: 8 @5968 has 470 MA's), (24, 6040), (41, 6127), (114, 6445), (141, 6598), (145, 6610), (174, 6736), (181, 6766),

Gene: Moss_7 Start: 6333, Stop: 7259, Start Num: 8

Candidate Starts for Moss_7:

(Start: 8 @6333 has 470 MA's), (38, 6483), (43, 6498), (51, 6570), (71, 6681), (102, 6765), (110, 6792), (119, 6834), (140, 6957), (149, 6990), (156, 7023), (185, 7140), (192, 7167), (214, 7212), (222, 7236),

Gene: MrMagoo_22 Start: 10388, Stop: 11554, Start Num: 8

Candidate Starts for MrMagoo_22:

(Start: 8 @10388 has 470 MA's), (27, 10472), (30, 10496), (38, 10538), (45, 10592), (53, 10643), (61, 10691), (69, 10727), (70, 10736), (78, 10760), (96, 10796), (106, 10832), (117, 10886), (126, 10940), (139, 11018), (140, 11021), (154, 11081), (161, 11108), (167, 11135), (171, 11153), (185, 11210), (190, 11228), (196, 11249), (202, 11282), (231, 11417), (236, 11447), (238, 11468), (240, 11480),

Gene: Ms6_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Ms6_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: MsGreen_9 Start: 6200, Stop: 7360, Start Num: 6

Candidate Starts for MsGreen_9:

(Start: 6 @6200 has 22 MA's), (23, 6278), (27, 6293), (35, 6347), (36, 6353), (46, 6410), (51, 6443), (60, 6500), (66, 6533), (69, 6542), (102, 6638), (112, 6668), (138, 6827), (160, 6917), (186, 7025), (192, 7046), (202, 7070), (237, 7238), (239, 7259), (244, 7304),

Gene: Mudpuppy_7 Start: 6820, Stop: 7767, Start Num: 8

Candidate Starts for Mudpuppy_7:

(Start: 8 @6820 has 470 MA's), (19, 6871), (27, 6904), (50, 7054), (64, 7144), (71, 7171), (78, 7192), (114, 7300), (118, 7321), (135, 7420), (136, 7429), (149, 7480), (168, 7558), (177, 7603), (178, 7606), (184, 7627), (192, 7657), (214, 7714), (222, 7738),

Gene: MulchSalad_6 Start: 5050, Stop: 5871, Start Num: 8

Candidate Starts for MulchSalad_6:

(Start: 8 @5050 has 470 MA's), (14, 5089), (32, 5173), (36, 5191), (80, 5410), (84, 5416), (116, 5524), (120, 5542), (122, 5554), (140, 5665), (162, 5737), (176, 5809), (185, 5842),

Gene: Mutaforma13_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Mutaforma13_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (140, 5677), (162, 5749), (176, 5821), (186, 5860),

Gene: Mwanjiwa_6 Start: 5034, Stop: 5855, Start Num: 8

Candidate Starts for Mwanjiwa_6:

(Start: 8 @5034 has 470 MA's), (14, 5073), (32, 5157), (33, 5160), (36, 5175), (37, 5178), (84, 5400), (116, 5508), (120, 5526), (122, 5538), (137, 5634), (140, 5649), (162, 5721), (176, 5793), (185, 5826),

Gene: Mysterium_7 Start: 6334, Stop: 7260, Start Num: 8

Candidate Starts for Mysterium_7:

(Start: 8 @6334 has 470 MA's), (43, 6499), (51, 6571), (71, 6682), (102, 6766), (110, 6793), (119, 6835), (140, 6958), (149, 6991), (156, 7024), (185, 7141), (192, 7168), (214, 7213), (222, 7237),

Gene: Nabi_10 Start: 7218, Stop: 8291, Start Num: 8

Candidate Starts for Nabi_10:

(Start: 8 @7218 has 470 MA's), (110, 7710), (113, 7725), (164, 7977), (171, 8007), (192, 8091), (205, 8121), (226, 8199),

Gene: Nanodon_12 Start: 7410, Stop: 8483, Start Num: 8

Candidate Starts for Nanodon_12:

(Start: 8 @7410 has 470 MA's), (110, 7902), (117, 7938), (140, 8076), (151, 8115), (171, 8199), (184, 8253), (226, 8391),

Gene: Nanosmite_22 Start: 10604, Stop: 11770, Start Num: 8

Candidate Starts for Nanosmite_22:

(Start: 8 @10604 has 470 MA's), (27, 10688), (38, 10754), (45, 10808), (46, 10811), (61, 10907), (69, 10943), (78, 10976), (114, 11084), (126, 11156), (139, 11234), (140, 11237), (154, 11297), (161, 11324), (167, 11351), (171, 11369), (185, 11426), (190, 11444), (196, 11465), (202, 11498), (236, 11663), (238, 11684), (240, 11696),

Gene: Nerdos_10 Start: 7251, Stop: 8324, Start Num: 8

Candidate Starts for Nerdos_10:

(Start: 8 @7251 has 470 MA's), (65, 7602), (96, 7698), (110, 7743), (113, 7758), (143, 7926), (164, 8010), (171, 8040), (184, 8094), (205, 8154), (234, 8292),

Gene: Netyap_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Netyap_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Neville_16 Start: 9483, Stop: 10430, Start Num: 8

Candidate Starts for Neville_16:

(Start: 8 @9483 has 470 MA's), (19, 9534), (48, 9705), (51, 9726), (119, 9990), (125, 10023), (133, 10080), (157, 10191),

Gene: NewHope4_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for NewHope4_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (137, 5636), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Nichirin_6 Start: 5046, Stop: 5867, Start Num: 8

Candidate Starts for Nichirin_6:

(Start: 8 @5046 has 470 MA's), (14, 5085), (32, 5169), (33, 5172), (36, 5187), (37, 5190), (84, 5412), (116, 5520), (120, 5538), (122, 5550), (140, 5661), (162, 5733), (176, 5805), (185, 5838),

Gene: Nicholas_9 Start: 6200, Stop: 7360, Start Num: 6

Candidate Starts for Nicholas_9:

(Start: 6 @6200 has 22 MA's), (23, 6278), (27, 6293), (35, 6347), (36, 6353), (46, 6410), (51, 6443), (60, 6500), (66, 6533), (69, 6542), (102, 6638), (112, 6668), (138, 6827), (160, 6917), (186, 7025), (192, 7046), (202, 7070), (237, 7238), (239, 7259), (244, 7304),

Gene: Nicholasp3_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Nicholasp3_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Nimbo_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Nimbo_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Niobe_7 Start: 6809, Stop: 7753, Start Num: 8

Candidate Starts for Niobe_7:

(Start: 8 @6809 has 470 MA's), (19, 6860), (35, 6947), (36, 6953), (44, 7001), (46, 7016), (50, 7043), (102, 7244), (135, 7409), (149, 7469), (168, 7547), (177, 7592), (180, 7604), (184, 7616), (185, 7619), (192, 7646), (211, 7694), (214, 7703), (222, 7727),

Gene: Nishikigoi_10 Start: 7041, Stop: 8087, Start Num: 8

Candidate Starts for Nishikigoi_10:

(Start: 8 @7041 has 470 MA's), (24, 7116), (60, 7338), (81, 7422), (110, 7506), (113, 7521), (164, 7773), (171, 7803), (184, 7857),

Gene: Nitro_7 Start: 6826, Stop: 7770, Start Num: 8

Candidate Starts for Nitro_7:

(Start: 8 @6826 has 470 MA's), (19, 6877), (35, 6964), (44, 7018), (50, 7060), (64, 7150), (71, 7177), (102, 7261), (135, 7426), (149, 7486), (177, 7609), (180, 7621), (184, 7633), (185, 7636), (192, 7663), (211, 7711), (214, 7720), (222, 7744),

Gene: Nitzel_7 Start: 5700, Stop: 6521, Start Num: 8

Candidate Starts for Nitzel_7:

(Start: 8 @5700 has 470 MA's), (14, 5739), (32, 5823), (36, 5841), (37, 5844), (80, 6060), (84, 6066), (116, 6174), (120, 6192), (122, 6204), (140, 6315), (162, 6387), (176, 6459), (185, 6492),

Gene: Nivrat_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for Nivrat_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: NormanBulbieJr_6 Start: 5035, Stop: 5856, Start Num: 8

Candidate Starts for NormanBulbieJr_6:

(Start: 8 @5035 has 470 MA's), (14, 5074), (32, 5158), (33, 5161), (36, 5176), (37, 5179), (84, 5401), (116, 5509), (120, 5527), (122, 5539), (137, 5635), (140, 5650), (162, 5722), (176, 5794), (185, 5827),

Gene: ObLaDi_7 Start: 5963, Stop: 6880, Start Num: 8

Candidate Starts for ObLaDi_7:

(Start: 8 @5963 has 470 MA's), (24, 6035), (41, 6122), (114, 6440), (141, 6593), (145, 6605), (155, 6653), (174, 6731), (181, 6761), (201, 6812),

Gene: ObiToo_7 Start: 7019, Stop: 7966, Start Num: 8

Candidate Starts for ObiToo_7:

(Start: 8 @7019 has 470 MA's), (19, 7070), (36, 7163), (50, 7253), (64, 7343), (71, 7370), (73, 7379), (86, 7412), (102, 7454), (118, 7520), (135, 7619), (145, 7661), (177, 7802), (178, 7805), (184, 7826), (192, 7856), (211, 7904), (222, 7937),

Gene: Ochi17_6 Start: 5046, Stop: 5867, Start Num: 8

Candidate Starts for Ochi17_6:

(Start: 8 @5046 has 470 MA's), (14, 5085), (32, 5169), (33, 5172), (36, 5187), (37, 5190), (84, 5412), (116, 5520), (120, 5538), (122, 5550), (140, 5661), (162, 5733), (176, 5805), (185, 5838),

Gene: Octobien14_17 Start: 10725, Stop: 11681, Start Num: 8

Candidate Starts for Octobien14_17:

(Start: 8 @10725 has 470 MA's), (18, 10770), (20, 10779), (60, 11025), (78, 11100), (96, 11139), (112, 11193), (119, 11232), (133, 11322), (139, 11361), (145, 11379), (157, 11433), (174, 11514), (178, 11532), (200, 11601), (218, 11661),

Gene: OfUltron_6 Start: 5046, Stop: 5867, Start Num: 8

Candidate Starts for OfUltron_6:

(Start: 8 @5046 has 470 MA's), (14, 5085), (32, 5169), (33, 5172), (36, 5187), (37, 5190), (84, 5412), (116, 5520), (120, 5538), (122, 5550), (140, 5661), (162, 5733), (176, 5805), (185, 5838),

Gene: OhShagHennessy_8 Start: 6058, Stop: 7209, Start Num: 8

Candidate Starts for OhShagHennessy_8:

(Start: 8 @6058 has 470 MA's), (11, 6073), (18, 6103), (27, 6142), (35, 6196), (36, 6202), (51, 6292), (60, 6349), (64, 6376), (66, 6382), (114, 6532), (120, 6559), (138, 6676), (150, 6721), (171, 6811), (179, 6850), (185, 6868), (186, 6874), (192, 6895), (216, 6964), (239, 7105), (244, 7150),

Gene: Okabe_8 Start: 5710, Stop: 6531, Start Num: 8

Candidate Starts for Okabe_8:

(Start: 8 @5710 has 470 MA's), (14, 5749), (32, 5833), (33, 5836), (36, 5851), (37, 5854), (80, 6070), (84, 6076), (116, 6184), (120, 6202), (122, 6214), (140, 6325), (162, 6397), (176, 6469), (185, 6502),

Gene: OldBen_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for OldBen_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Oliynyk_11 Start: 7414, Stop: 8487, Start Num: 8

Candidate Starts for Oliynyk_11:

(Start: 8 @7414 has 470 MA's), (65, 7765), (96, 7861), (110, 7906), (113, 7921), (143, 8089), (164, 8173), (171, 8203), (184, 8257), (205, 8317),

Gene: OlympiaSaint_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for OlympiaSaint_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: Omar_11 Start: 7265, Stop: 8311, Start Num: 8

Candidate Starts for Omar_11:

(Start: 8 @7265 has 470 MA's), (60, 7562), (110, 7730), (113, 7745), (164, 7997), (184, 8081), (203, 8132),

Gene: Origami_6 Start: 5146, Stop: 6090, Start Num: 8

Candidate Starts for Origami_6:

(Start: 8 @5146 has 470 MA's), (19, 5197), (27, 5230), (59, 5437), (70, 5494), (118, 5647), (136, 5755), (145, 5788), (160, 5854), (177, 5926), (184, 5950), (190, 5971), (222, 6061),

Gene: Ovechkin_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Ovechkin_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: OverPar_8 Start: 6103, Stop: 7251, Start Num: 8

Candidate Starts for OverPar_8:

(Start: 8 @6103 has 470 MA's), (11, 6118), (27, 6187), (35, 6241), (51, 6337), (64, 6421), (102, 6532), (112, 6562), (114, 6577), (119, 6601), (122, 6616), (135, 6703), (138, 6721), (139, 6727), (160, 6811), (171, 6856), (186, 6919), (192, 6940), (204, 6973), (216, 7009), (230, 7084), (239, 7150), (241, 7177),

Gene: Ozzie_10 Start: 7231, Stop: 8304, Start Num: 8

Candidate Starts for Ozzie_10:

(Start: 8 @7231 has 470 MA's), (65, 7582), (96, 7678), (110, 7723), (113, 7738), (143, 7906), (164, 7990), (171, 8020), (184, 8074), (205, 8134), (234, 8272),

Gene: OzzyJ_11 Start: 7218, Stop: 8288, Start Num: 8

Candidate Starts for OzzyJ_11:

(Start: 8 @7218 has 470 MA's), (110, 7710), (117, 7746), (140, 7884), (164, 7977), (171, 8007), (184, 8061),

Gene: PHappiness_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for PHappiness_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: PMC_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for PMC_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: PSonyx_6 Start: 6028, Stop: 6939, Start Num: 8

Candidate Starts for PSonyx_6:

(Start: 8 @6028 has 470 MA's), (24, 6100), (41, 6184), (59, 6307), (69, 6355), (144, 6661), (179, 6814), (183, 6826), (217, 6928),

Gene: PYPDinur_8 Start: 5750, Stop: 6898, Start Num: 8

Candidate Starts for PYPDinur_8:

(Start: 8 @5750 has 470 MA's), (27, 5834), (35, 5888), (36, 5894), (45, 5948), (51, 5984), (54, 6002), (60, 6041), (66, 6074), (112, 6209), (114, 6224), (118, 6245), (120, 6251), (138, 6368), (139, 6374), (160, 6458), (171, 6503), (174, 6518), (179, 6542), (185, 6560), (186, 6566), (191, 6584), (192, 6587), (206, 6626), (207, 6632), (216, 6656), (230, 6731), (239, 6797), (247, 6878),

Gene: Pablito_10 Start: 7102, Stop: 8154, Start Num: 8

Candidate Starts for Pablito_10:

(Start: 8 @7102 has 470 MA's), (65, 7426), (151, 7786), (164, 7840), (171, 7870), (184, 7924), (211, 8002), (226, 8062),

Gene: Pacc40_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Pacc40_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Paedore_10 Start: 7111, Stop: 8178, Start Num: 8

Candidate Starts for Paedore_10:

(Start: 8 @7111 has 470 MA's), (51, 7372), (65, 7456), (110, 7609), (113, 7624), (119, 7651), (140, 7783), (151, 7822), (184, 7963), (226, 8098),

Gene: PandaPo_7 Start: 6842, Stop: 7783, Start Num: 8

Candidate Starts for PandaPo_7:

(Start: 8 @6842 has 470 MA's), (19, 6893), (35, 6980), (46, 7046), (50, 7073), (59, 7130), (69, 7178), (70, 7187), (102, 7274), (110, 7301), (119, 7343), (149, 7499), (168, 7574), (177, 7619), (184, 7643), (185, 7646), (192, 7673), (199, 7688), (210, 7718), (222, 7754),

Gene: Paolo_12 Start: 7638, Stop: 8696, Start Num: 8

Candidate Starts for Paolo_12:

(Start: 8 @7638 has 470 MA's), (26, 7728), (65, 7968), (110, 8109), (149, 8316), (151, 8322), (164, 8376), (180, 8451), (184, 8463),

Gene: PatoPoderoso_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for PatoPoderoso_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (80, 5423), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: Pavo_11 Start: 7340, Stop: 8368, Start Num: 8

Candidate Starts for Pavo_11:

(Start: 8 @7340 has 470 MA's), (19, 7394), (34, 7475), (140, 7973), (164, 8066), (179, 8138), (185, 8156), (192, 8183), (229, 8300), (234, 8348),

Gene: PegLeg_18 Start: 9853, Stop: 11016, Start Num: 8

Candidate Starts for PegLeg_18:

(Start: 8 @9853 has 470 MA's), (27, 9937), (45, 10057), (46, 10060), (61, 10156), (64, 10177), (78, 10225), (98, 10270), (107, 10300), (114, 10333), (122, 10372), (139, 10483), (140, 10486), (142, 10492), (154, 10546), (161, 10573), (167, 10600), (171, 10618), (185, 10675), (190, 10693), (196, 10714), (202, 10747), (231, 10876), (239, 10930), (242, 10969),

Gene: Percival_7 Start: 6994, Stop: 7971, Start Num: 5

Candidate Starts for Percival_7:

(Start: 5 @6994 has 5 MA's), (27, 7093), (49, 7231), (54, 7267), (62, 7324), (64, 7336), (92, 7423), (135, 7615), (140, 7642), (155, 7705), (174, 7783), (180, 7810), (188, 7837), (202, 7870), (223, 7942),

Gene: Phalconet_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Phalconet_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Phanphagia_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Phanphagia_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Phasih_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for Phasih_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (36, 5204), (37, 5207), (80, 5423), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: Phatniss_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Phatniss_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (33, 5173), (36, 5188), (37, 5191), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: PhesterPhotato_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for PhesterPhotato_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Phettuccine_10 Start: 7251, Stop: 8324, Start Num: 8

Candidate Starts for Phettuccine_10:

(Start: 8 @7251 has 470 MA's), (65, 7602), (96, 7698), (110, 7743), (113, 7758), (143, 7926), (164, 8010), (171, 8040), (184, 8094), (205, 8154), (234, 8292),

Gene: Philus_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for Philus_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (33, 5174), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: Phives_8 Start: 7909, Stop: 8859, Start Num: 8

Candidate Starts for Phives_8:

(Start: 8 @7909 has 470 MA's), (19, 7960), (35, 8047), (44, 8101), (50, 8143), (67, 8242), (71, 8260), (86, 8302), (102, 8344), (114, 8389), (135, 8509), (168, 8647), (177, 8692), (180, 8704), (184, 8716), (192, 8746), (199, 8761), (222, 8827),

Gene: PhlipPhlop_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for PhlipPhlop_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: Pippy_6 Start: 5035, Stop: 5856, Start Num: 8

Candidate Starts for Pippy_6:

(Start: 8 @5035 has 470 MA's), (14, 5074), (32, 5158), (33, 5161), (36, 5176), (37, 5179), (84, 5401), (116, 5509), (120, 5527), (122, 5539), (137, 5635), (140, 5650), (162, 5722), (176, 5794), (185, 5827),

Gene: Pixelle_7 Start: 6852, Stop: 7802, Start Num: 8

Candidate Starts for Pixelle_7:

(Start: 8 @6852 has 470 MA's), (19, 6903), (35, 6990), (44, 7044), (50, 7086), (67, 7185), (71, 7203), (93, 7263), (102, 7287), (114, 7332), (135, 7452), (168, 7590), (177, 7635), (180, 7647), (184, 7659), (192, 7689), (199, 7704), (222, 7770),

Gene: Poenanya_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Poenanya_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Polka14_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for Polka14_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (36, 5189), (37, 5192), (57, 5303), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: Polo2Bam_7 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for Polo2Bam_7:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (137, 5636), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Ponzi_46 Start: 26481, Stop: 27572, Start Num: 9

Candidate Starts for Ponzi_46:

(Start: 8 @26469 has 470 MA's), (Start: 9 @26481 has 1 MA's), (60, 26796), (68, 26838), (95, 27003), (109, 27093), (128, 27186), (129, 27192), (140, 27261), (148, 27288), (163, 27345), (170, 27375), (173, 27396), (180, 27426), (187, 27450),

Gene: Poochiewood_8 Start: 6084, Stop: 7235, Start Num: 8

Candidate Starts for Poochiewood_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (36, 6228), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (114, 6558), (120, 6585), (138, 6702), (150, 6747), (171, 6837), (179, 6876), (185, 6894), (186, 6900), (192, 6921), (216, 6990), (239, 7131), (244, 7176),

Gene: PopTart_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for PopTart_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Powerpuff_7 Start: 6871, Stop: 7818, Start Num: 8

Candidate Starts for Powerpuff_7:

(Start: 8 @6871 has 470 MA's), (19, 6922), (27, 6955), (50, 7105), (71, 7222), (114, 7351), (118, 7372), (135, 7471), (136, 7480), (149, 7531), (168, 7609), (177, 7654), (178, 7657), (184, 7678), (192, 7708), (199, 7723), (222, 7789),

Gene: Priscilla_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for Priscilla_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (33, 5174), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: Provolone_11 Start: 7070, Stop: 8098, Start Num: 8

Candidate Starts for Provolone_11:

(Start: 8 @7070 has 470 MA's), (19, 7124), (34, 7205), (140, 7703), (164, 7796), (179, 7868), (185, 7886), (192, 7913), (229, 8030), (234, 8078),

Gene: Puginator_12 Start: 7584, Stop: 8642, Start Num: 8

Candidate Starts for Puginator_12:

(Start: 8 @7584 has 470 MA's), (26, 7674), (65, 7914), (110, 8055), (149, 8262), (151, 8268), (164, 8322), (180, 8397), (184, 8409),

Gene: Pumpkins_7 Start: 6934, Stop: 7881, Start Num: 8

Candidate Starts for Pumpkins_7:

(Start: 8 @6934 has 470 MA's), (19, 6985), (35, 7072), (46, 7141), (64, 7258), (71, 7285), (102, 7369), (119, 7438), (120, 7441), (145, 7576), (178, 7720), (184, 7741), (192, 7771), (199, 7786), (212, 7822), (222, 7852),

Gene: Quby_8 Start: 5749, Stop: 6897, Start Num: 8

Candidate Starts for Quby_8:

(Start: 8 @5749 has 470 MA's), (27, 5833), (35, 5887), (36, 5893), (45, 5947), (51, 5983), (54, 6001), (60, 6040), (66, 6073), (102, 6178), (112, 6208), (114, 6223), (118, 6244), (120, 6250), (138, 6367), (139, 6373), (160, 6457), (171, 6502), (174, 6517), (179, 6541), (185, 6559), (186, 6565), (192, 6586),

(202, 6610), (216, 6655), (230, 6730), (239, 6796), (247, 6877),

Gene: QuickMath_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for QuickMath_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: R4_10 Start: 7079, Stop: 8146, Start Num: 8

Candidate Starts for R4_10:

(Start: 8 @7079 has 470 MA's), (51, 7340), (65, 7424), (110, 7577), (113, 7592), (119, 7619), (140, 7751), (151, 7790), (184, 7931), (226, 8066),

Gene: Rabbitrun_18 Start: 10006, Stop: 10953, Start Num: 8

Candidate Starts for Rabbitrun_18:

(Start: 8 @10006 has 470 MA's), (19, 10057), (48, 10228), (119, 10513), (125, 10546), (133, 10603), (140, 10645), (174, 10789), (200, 10876),

Gene: Radiance_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Radiance_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Rana_10 Start: 7218, Stop: 8291, Start Num: 8

Candidate Starts for Rana_10:

(Start: 8 @7218 has 470 MA's), (110, 7710), (113, 7725), (164, 7977), (171, 8007), (192, 8091), (205, 8121), (226, 8199),

Gene: Red305_9 Start: 6200, Stop: 7360, Start Num: 6

Candidate Starts for Red305_9:

(Start: 6 @6200 has 22 MA's), (23, 6278), (27, 6293), (35, 6347), (36, 6353), (46, 6410), (51, 6443), (60, 6500), (66, 6533), (69, 6542), (102, 6638), (112, 6668), (138, 6827), (160, 6917), (186, 7025), (192, 7046), (202, 7070), (237, 7238), (239, 7259), (244, 7304),

Gene: RedBear_12 Start: 7494, Stop: 8567, Start Num: 8

Candidate Starts for RedBear_12:

(Start: 8 @7494 has 470 MA's), (110, 7986), (117, 8022), (140, 8160), (151, 8199), (171, 8283), (184, 8337), (226, 8475),

Gene: RedBird_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for RedBird_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Reedo_7 Start: 6854, Stop: 7810, Start Num: 8

Candidate Starts for Reedo_7:

(Start: 8 @6854 has 470 MA's), (46, 7067), (50, 7094), (59, 7151), (69, 7199), (70, 7208), (114, 7349), (119, 7373), (136, 7478), (140, 7496), (145, 7511), (167, 7604), (177, 7652), (184, 7676), (194, 7712), (202, 7724), (219, 7772), (222, 7781),

Gene: Reindeer_16 Start: 9706, Stop: 10869, Start Num: 8

Candidate Starts for Reindeer_16:

(Start: 8 @9706 has 470 MA's), (27, 9790), (45, 9910), (46, 9913), (61, 10009), (64, 10030), (70, 10054), (96, 10114), (106, 10150), (107, 10153), (114, 10186), (122, 10225), (139, 10336), (140,

10339), (142, 10345), (154, 10399), (161, 10426), (167, 10453), (171, 10471), (185, 10528), (190, 10546), (192, 10555), (196, 10567), (202, 10600), (231, 10729), (239, 10783), (240, 10792), (243, 10825),

Gene: Rey_22 Start: 10623, Stop: 11789, Start Num: 8

Candidate Starts for Rey_22:

(Start: 8 @10623 has 470 MA's), (27, 10707), (30, 10731), (38, 10773), (45, 10827), (53, 10878), (61, 10926), (69, 10962), (78, 10995), (96, 11031), (106, 11067), (117, 11121), (123, 11154), (126, 11175), (139, 11253), (140, 11256), (154, 11316), (161, 11343), (167, 11370), (171, 11388), (185, 11445), (190, 11463), (196, 11484), (202, 11517), (231, 11652), (236, 11682),

Gene: Rita_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for Rita_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (33, 5189), (36, 5204), (37, 5207), (84, 5429), (120, 5555), (122, 5567), (137, 5663), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: RitaG_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for RitaG_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: RockScotty_7 Start: 6333, Stop: 7259, Start Num: 8

Candidate Starts for RockScotty_7:

(Start: 8 @6333 has 470 MA's), (38, 6483), (43, 6498), (51, 6570), (71, 6681), (102, 6765), (110, 6792), (119, 6834), (140, 6957), (149, 6990), (156, 7023), (185, 7140), (192, 7167), (214, 7212), (222, 7236),

Gene: Rockne_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for Rockne_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: Rose5_8 Start: 6084, Stop: 7235, Start Num: 8

Candidate Starts for Rose5_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (36, 6228), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (114, 6558), (120, 6585), (138, 6702), (150, 6747), (171, 6837), (179, 6876), (185, 6894), (186, 6900), (192, 6921), (216, 6990), (239, 7131), (244, 7176),

Gene: RoseMarie_18 Start: 10097, Stop: 11260, Start Num: 8

Candidate Starts for RoseMarie_18:

(Start: 8 @10097 has 470 MA's), (27, 10181), (45, 10301), (46, 10304), (61, 10400), (64, 10421), (70, 10445), (96, 10505), (107, 10544), (114, 10577), (117, 10595), (122, 10616), (139, 10727), (140, 10730), (154, 10790), (161, 10817), (167, 10844), (171, 10862), (190, 10937), (196, 10958), (202, 10991), (219, 11048), (231, 11120), (239, 11174), (243, 11216), (245, 11225),

Gene: Rossetti_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Rossetti_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (238, 7114), (239, 7117), (247, 7198),

Gene: Royals2015_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Royals2015_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Ruby_6 Start: 5053, Stop: 5874, Start Num: 8

Candidate Starts for Ruby_6:

(Start: 8 @5053 has 470 MA's), (14, 5092), (32, 5176), (36, 5194), (80, 5413), (84, 5419), (120, 5545), (122, 5557), (140, 5668), (162, 5740), (176, 5812), (185, 5845),

Gene: Rumpelstiltskin_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Rumpelstiltskin_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: RunningOnE_67 Start: 31699, Stop: 32793, Start Num: 9

Candidate Starts for RunningOnE_67:

(Start: 9 @31699 has 1 MA's), (43, 31870), (58, 31990), (68, 32053), (75, 32119), (99, 32263), (103, 32287), (109, 32308), (129, 32407), (148, 32503), (163, 32560), (165, 32569), (167, 32581), (170, 32590), (173, 32611), (187, 32665),

Gene: Rusticus_11 Start: 7414, Stop: 8487, Start Num: 8

Candidate Starts for Rusticus_11:

(Start: 8 @7414 has 470 MA's), (65, 7765), (96, 7861), (110, 7906), (113, 7921), (143, 8089), (164, 8173), (171, 8203), (184, 8257), (205, 8317),

Gene: SG4_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for SG4_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Saal_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for Saal_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (80, 5396), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Sabbb_6 Start: 5051, Stop: 5872, Start Num: 8

Candidate Starts for Sabbb_6:

(Start: 8 @5051 has 470 MA's), (14, 5090), (32, 5174), (33, 5177), (36, 5192), (84, 5417), (116, 5525), (120, 5543), (122, 5555), (140, 5666), (162, 5738), (176, 5810), (185, 5843),

Gene: Sabourin_7 Start: 6242, Stop: 7168, Start Num: 8

Candidate Starts for Sabourin_7:

(Start: 8 @6242 has 470 MA's), (38, 6392), (43, 6407), (51, 6479), (71, 6590), (102, 6674), (110, 6701), (119, 6743), (136, 6848), (140, 6866), (149, 6899), (156, 6932), (185, 7049), (192, 7076), (209, 7112), (222, 7145),

Gene: Saftant_10 Start: 7346, Stop: 8374, Start Num: 8

Candidate Starts for Saftant_10:

(Start: 8 @7346 has 470 MA's), (19, 7400), (58, 7622), (130, 7910), (140, 7979), (164, 8072), (179, 8144), (185, 8162), (192, 8189), (211, 8237), (229, 8306), (234, 8354),

Gene: Samty_9 Start: 6196, Stop: 7356, Start Num: 6

Candidate Starts for Samty_9:

(Start: 6 @6196 has 22 MA's), (23, 6274), (27, 6289), (35, 6343), (36, 6349), (46, 6406), (51, 6439), (60, 6496), (66, 6529), (69, 6538), (112, 6664), (138, 6823), (160, 6913), (186, 7021), (192, 7042), (202, 7066), (237, 7234), (239, 7255), (244, 7300),

Gene: Sandalphon_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for Sandalphon_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: SarahRose_10 Start: 7220, Stop: 8293, Start Num: 8

Candidate Starts for SarahRose_10:

(Start: 8 @7220 has 470 MA's), (110, 7712), (113, 7727), (160, 7967), (164, 7979), (171, 8009), (184, 8063), (226, 8201),

Gene: Sarshaun_8 Start: 6103, Stop: 7251, Start Num: 8

Candidate Starts for Sarshaun_8:

(Start: 8 @6103 has 470 MA's), (11, 6118), (27, 6187), (35, 6241), (51, 6337), (64, 6421), (102, 6532), (112, 6562), (114, 6577), (119, 6601), (122, 6616), (135, 6703), (138, 6721), (139, 6727), (160, 6811), (171, 6856), (186, 6919), (192, 6940), (204, 6973), (216, 7009), (230, 7084), (239, 7150), (241, 7177),

Gene: Sassafras_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Sassafras_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: SassyB_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for SassyB_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Schaffner_7 Start: 6931, Stop: 7878, Start Num: 8

Candidate Starts for Schaffner_7:

(Start: 8 @6931 has 470 MA's), (19, 6982), (35, 7069), (64, 7255), (71, 7282), (102, 7366), (119, 7435), (120, 7438), (145, 7573), (177, 7714), (178, 7717), (184, 7738), (190, 7759), (192, 7768), (222, 7849),

Gene: Scottish_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Scottish_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (36, 5188), (37, 5191), (57, 5302), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: SeaLumen_6 Start: 5036, Stop: 5857, Start Num: 8

Candidate Starts for SeaLumen_6:

(Start: 8 @5036 has 470 MA's), (14, 5075), (32, 5159), (33, 5162), (36, 5177), (37, 5180), (84, 5402), (116, 5510), (120, 5528), (122, 5540), (137, 5636), (140, 5651), (162, 5723), (176, 5795), (185, 5828),

Gene: Seabastian_6 Start: 5046, Stop: 5867, Start Num: 8

Candidate Starts for Seabastian_6:

(Start: 8 @5046 has 470 MA's), (14, 5085), (32, 5169), (33, 5172), (36, 5187), (37, 5190), (84, 5412), (116, 5520), (120, 5538), (122, 5550), (140, 5661), (162, 5733), (176, 5805), (185, 5838),

Gene: Sephiroth_17 Start: 9830, Stop: 10789, Start Num: 8

Candidate Starts for Sephiroth_17:

(Start: 8 @9830 has 470 MA's), (18, 9875), (20, 9884), (60, 10130), (78, 10205), (96, 10244), (112, 10298), (119, 10337), (133, 10427), (157, 10538), (169, 10586), (174, 10619), (178, 10637), (200, 10706), (215, 10754),

Gene: ShakeltOph_6 Start: 5155, Stop: 6096, Start Num: 8

Candidate Starts for ShakeltOph_6:

(Start: 8 @5155 has 470 MA's), (19, 5206), (44, 5347), (50, 5389), (59, 5446), (64, 5479), (70, 5503), (78, 5527), (118, 5656), (136, 5764), (145, 5797), (156, 5848), (160, 5863), (177, 5935), (184, 5959), (190, 5980), (211, 6037), (222, 6070),

Gene: Shauna1_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Shauna1_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Sheng711_8 Start: 5750, Stop: 6898, Start Num: 8

Candidate Starts for Sheng711_8:

(Start: 8 @5750 has 470 MA's), (27, 5834), (35, 5888), (36, 5894), (45, 5948), (51, 5984), (54, 6002), (60, 6041), (66, 6074), (112, 6209), (114, 6224), (118, 6245), (120, 6251), (138, 6368), (139, 6374), (160, 6458), (171, 6503), (174, 6518), (179, 6542), (185, 6560), (186, 6566), (191, 6584), (192, 6587), (206, 6626), (207, 6632), (216, 6656), (230, 6731), (239, 6797), (247, 6878),

Gene: ShiLan_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for ShiLan_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (33, 5174), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: ShowerHandel_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for ShowerHandel_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (33, 5175), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: ShroomBoi_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for ShroomBoi_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (80, 5422), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: SiSi_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for SiSi_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (33, 5173), (36, 5188), (37, 5191), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (137, 5647), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Silverleaf_8 Start: 6084, Stop: 7235, Start Num: 8

Candidate Starts for Silverleaf_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (36, 6228), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (114, 6558), (120, 6585), (138, 6702), (150, 6747), (171, 6837), (179, 6876), (185, 6894), (186, 6900), (192, 6921), (216, 6990), (239, 7131), (244, 7176),

Gene: Simpson_7 Start: 6821, Stop: 7768, Start Num: 8

Candidate Starts for Simpson_7:

(Start: 8 @6821 has 470 MA's), (19, 6872), (27, 6905), (36, 6965), (44, 7013), (50, 7055), (71, 7172), (102, 7256), (114, 7301), (118, 7322), (135, 7421), (145, 7463), (160, 7529), (168, 7559), (177, 7604),

(180, 7616), (185, 7631), (192, 7658), (211, 7706), (222, 7739),

Gene: Skelbel_7 Start: 6809, Stop: 7753, Start Num: 8

Candidate Starts for Skelbel_7:

(Start: 8 @6809 has 470 MA's), (19, 6860), (35, 6947), (44, 7001), (50, 7043), (64, 7133), (71, 7160), (102, 7244), (114, 7289), (135, 7409), (145, 7451), (149, 7469), (168, 7547), (177, 7592), (180, 7604), (184, 7616), (185, 7619), (192, 7646), (211, 7694), (214, 7703), (222, 7727),

Gene: Skinny_19 Start: 9854, Stop: 11017, Start Num: 8

Candidate Starts for Skinny_19:

(Start: 8 @9854 has 470 MA's), (27, 9938), (45, 10058), (46, 10061), (61, 10157), (64, 10178), (78, 10226), (98, 10271), (107, 10301), (114, 10334), (122, 10373), (139, 10484), (140, 10487), (142, 10493), (154, 10547), (161, 10574), (167, 10601), (171, 10619), (185, 10676), (190, 10694), (196, 10715), (202, 10748), (231, 10877), (239, 10931), (242, 10970),

Gene: SlimJimmy_17 Start: 9853, Stop: 11016, Start Num: 8

Candidate Starts for SlimJimmy_17:

(Start: 8 @9853 has 470 MA's), (27, 9937), (45, 10057), (46, 10060), (61, 10156), (64, 10177), (78, 10225), (98, 10270), (107, 10300), (114, 10333), (122, 10372), (139, 10483), (140, 10486), (142, 10492), (154, 10546), (161, 10573), (167, 10600), (171, 10618), (185, 10675), (190, 10693), (196, 10714), (202, 10747), (231, 10876), (239, 10930), (242, 10969),

Gene: Snek_7 Start: 5954, Stop: 6895, Start Num: 8

Candidate Starts for Snek_7:

(Start: 8 @5954 has 470 MA's), (19, 6011), (35, 6098), (46, 6167), (50, 6194), (56, 6230), (59, 6251), (64, 6284), (71, 6311), (86, 6353), (108, 6416), (114, 6443), (119, 6467), (140, 6590), (152, 6644), (177, 6746), (184, 6770), (211, 6848),

Gene: Snenia_9 Start: 6201, Stop: 7361, Start Num: 6

Candidate Starts for Snenia_9:

(Start: 6 @6201 has 22 MA's), (23, 6279), (27, 6294), (35, 6348), (36, 6354), (46, 6411), (51, 6444), (60, 6501), (66, 6534), (69, 6543), (102, 6639), (112, 6669), (138, 6828), (160, 6918), (186, 7026), (192, 7047), (202, 7071), (237, 7239), (239, 7260), (244, 7305),

Gene: Snorlax_10 Start: 7220, Stop: 8293, Start Num: 8

Candidate Starts for Snorlax_10:

(Start: 8 @7220 has 470 MA's), (110, 7712), (113, 7727), (160, 7967), (164, 7979), (171, 8009), (184, 8063), (226, 8201),

Gene: SoJulia_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for SoJulia_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Soap141_8 Start: 6103, Stop: 7251, Start Num: 8

Candidate Starts for Soap141_8:

(Start: 8 @6103 has 470 MA's), (11, 6118), (27, 6187), (35, 6241), (51, 6337), (64, 6421), (102, 6532), (112, 6562), (114, 6577), (119, 6601), (122, 6616), (135, 6703), (138, 6721), (139, 6727), (160, 6811), (171, 6856), (186, 6919), (192, 6940), (204, 6973), (216, 7009), (230, 7084), (239, 7150), (241, 7177),

Gene: Soondubu_7 Start: 6844, Stop: 7797, Start Num: 8

Candidate Starts for Soondubu_7:

(Start: 8 @6844 has 470 MA's), (16, 6889), (35, 6988), (42, 7012), (46, 7054), (47, 7057), (86, 7240), (114, 7327), (118, 7348), (139, 7471), (164, 7567), (184, 7654), (192, 7684), (199, 7699), (211, 7732), (222, 7765),

Gene: Sooty_7 Start: 6243, Stop: 7169, Start Num: 8

Candidate Starts for Sooty_7:

(Start: 8 @6243 has 470 MA's), (38, 6393), (43, 6408), (51, 6480), (71, 6591), (102, 6675), (110, 6702), (119, 6744), (136, 6849), (140, 6867), (149, 6900), (156, 6933), (185, 7050), (192, 7077), (209, 7113), (222, 7146),

Gene: South40_11 Start: 7494, Stop: 8567, Start Num: 8

Candidate Starts for South40_11:

(Start: 8 @7494 has 470 MA's), (110, 7986), (117, 8022), (140, 8160), (151, 8199), (171, 8283), (184, 8337), (226, 8475),

Gene: Sparkdehlily_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for Sparkdehlily_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (36, 5204), (37, 5207), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: Spartacus_6 Start: 5050, Stop: 5871, Start Num: 8

Candidate Starts for Spartacus_6:

(Start: 8 @5050 has 470 MA's), (14, 5089), (32, 5173), (36, 5191), (37, 5194), (80, 5410), (84, 5416), (116, 5524), (120, 5542), (122, 5554), (140, 5665), (162, 5737), (185, 5842),

Gene: SpecialK_7 Start: 6240, Stop: 7166, Start Num: 8

Candidate Starts for SpecialK_7:

(Start: 8 @6240 has 470 MA's), (38, 6390), (43, 6405), (51, 6477), (71, 6588), (102, 6672), (110, 6699), (119, 6741), (140, 6864), (149, 6897), (156, 6930), (185, 7047), (192, 7074), (214, 7119), (222, 7143),

Gene: Speedwell_15 Start: 9032, Stop: 10111, Start Num: 8

Candidate Starts for Speedwell_15:

(Start: 8 @9032 has 470 MA's), (19, 9086), (34, 9167), (45, 9260), (54, 9314), (91, 9461), (140, 9689), (179, 9854), (185, 9872), (192, 9899), (237, 10079),

Gene: Spocter_7 Start: 5809, Stop: 6744, Start Num: 8

Candidate Starts for Spocter_7:

(Start: 8 @5809 has 470 MA's), (24, 5881), (55, 6055), (69, 6130), (83, 6178), (86, 6187), (92, 6205), (110, 6289), (114, 6307), (136, 6439), (141, 6460), (181, 6625),

Gene: Spoonbill_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for Spoonbill_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (36, 5190), (37, 5193), (57, 5304), (80, 5409), (84, 5415), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: SqueakyClean_11 Start: 7349, Stop: 8395, Start Num: 8

Candidate Starts for SqueakyClean_11:

(Start: 8 @7349 has 470 MA's), (60, 7646), (65, 7673), (110, 7814), (113, 7829), (140, 7988), (164, 8081), (184, 8165), (226, 8303),

Gene: StAnnes_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for StAnnes_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Strokeseat_6 Start: 5037, Stop: 5858, Start Num: 8

Candidate Starts for Strokeseat_6:

(Start: 8 @5037 has 470 MA's), (14, 5076), (32, 5160), (33, 5163), (36, 5178), (37, 5181), (80, 5397), (84, 5403), (120, 5529), (122, 5541), (140, 5652), (162, 5724), (176, 5796), (185, 5829),

Gene: Stuu_7 Start: 6333, Stop: 7259, Start Num: 8

Candidate Starts for Stuu_7:

(Start: 8 @6333 has 470 MA's), (38, 6483), (43, 6498), (51, 6570), (71, 6681), (102, 6765), (110, 6792), (119, 6834), (140, 6957), (149, 6990), (156, 7023), (185, 7140), (192, 7167), (214, 7212), (222, 7236),

Gene: SuMoo_6 Start: 5326, Stop: 6291, Start Num: 8

Candidate Starts for SuMoo_6:

(Start: 8 @5326 has 470 MA's), (15, 5365), (27, 5413), (54, 5587), (114, 5818), (145, 5980), (152, 6019), (155, 6028), (172, 6097), (174, 6106), (185, 6148), (188, 6160), (223, 6265),

Gene: Subaru_7 Start: 6809, Stop: 7753, Start Num: 8

Candidate Starts for Subaru_7:

(Start: 8 @6809 has 470 MA's), (19, 6860), (35, 6947), (44, 7001), (50, 7043), (64, 7133), (71, 7160), (102, 7244), (114, 7289), (135, 7409), (145, 7451), (149, 7469), (168, 7547), (177, 7592), (180, 7604), (184, 7616), (185, 7619), (192, 7646), (211, 7694), (214, 7703), (222, 7727),

Gene: Sudan_10 Start: 7347, Stop: 8375, Start Num: 8

Candidate Starts for Sudan_10:

(Start: 8 @7347 has 470 MA's), (19, 7401), (34, 7482), (140, 7980), (164, 8073), (179, 8145), (185, 8163), (192, 8190), (229, 8307), (234, 8355),

Gene: Sue2_7 Start: 6842, Stop: 7795, Start Num: 8

Candidate Starts for Sue2_7:

(Start: 8 @6842 has 470 MA's), (47, 7058), (50, 7082), (56, 7118), (59, 7139), (64, 7172), (71, 7199), (80, 7229), (140, 7484), (145, 7499), (168, 7595), (185, 7667), (188, 7679), (194, 7700), (212, 7745), (219, 7760), (222, 7769), (223, 7775),

Gene: Sujidade_11 Start: 7516, Stop: 8589, Start Num: 8

Candidate Starts for Sujidade_11:

(Start: 8 @7516 has 470 MA's), (110, 8008), (113, 8023), (140, 8182), (164, 8275), (171, 8305), (184, 8359), (226, 8497),

Gene: SunkenRoot_12 Start: 7405, Stop: 8487, Start Num: 8

Candidate Starts for SunkenRoot_12:

(Start: 8 @7405 has 470 MA's), (19, 7462), (140, 8065), (179, 8230), (185, 8248), (192, 8275), (197, 8284),

Gene: SunsetPointe_10 Start: 7250, Stop: 8314, Start Num: 8

Candidate Starts for SunsetPointe_10:

(Start: 8 @7250 has 470 MA's), (65, 7595), (110, 7736), (113, 7751), (143, 7919), (151, 7949), (164, 8003), (171, 8033), (184, 8087), (226, 8222),

Gene: SuperGrey_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for SuperGrey_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: SuperHands_7 Start: 7166, Stop: 8143, Start Num: 5

Candidate Starts for SuperHands_7:

(Start: 5 @7166 has 5 MA's), (27, 7265), (49, 7403), (54, 7439), (62, 7496), (64, 7508), (92, 7595), (135, 7787), (140, 7814), (155, 7877), (174, 7955), (180, 7982), (188, 8009), (203, 8045), (205, 8054), (223, 8114),

Gene: Superstar_12 Start: 8160, Stop: 9218, Start Num: 8

Candidate Starts for Superstar_12:

(Start: 8 @8160 has 470 MA's), (65, 8490), (112, 8634), (132, 8754), (149, 8838), (151, 8844), (185, 8988), (217, 9087), (226, 9126),

Gene: SwagPiggett_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for SwagPiggett_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (33, 5175), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: Syleon_17 Start: 9752, Stop: 10711, Start Num: 8

Candidate Starts for Syleon_17:

(Start: 8 @9752 has 470 MA's), (18, 9797), (20, 9806), (60, 10052), (78, 10127), (96, 10166), (119, 10259), (133, 10349), (157, 10460), (169, 10508), (174, 10541), (178, 10559), (185, 10583), (215, 10676),

Gene: TDanisky_6 Start: 5063, Stop: 5884, Start Num: 8

Candidate Starts for TDanisky_6:

(Start: 8 @5063 has 470 MA's), (14, 5102), (32, 5186), (36, 5204), (37, 5207), (84, 5429), (116, 5537), (120, 5555), (122, 5567), (140, 5678), (162, 5750), (176, 5822), (185, 5855),

Gene: TagePighther_11 Start: 7220, Stop: 8293, Start Num: 8

Candidate Starts for TagePighther_11:

(Start: 8 @7220 has 470 MA's), (110, 7712), (113, 7727), (160, 7967), (164, 7979), (171, 8009), (184, 8063), (226, 8201),

Gene: Taj_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Taj_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Tallboi_7 Start: 6841, Stop: 7788, Start Num: 8

Candidate Starts for Tallboi_7:

(Start: 8 @6841 has 470 MA's), (19, 6892), (35, 6979), (44, 7033), (50, 7075), (67, 7174), (71, 7192), (78, 7213), (86, 7234), (119, 7345), (120, 7348), (135, 7441), (145, 7483), (168, 7579), (177, 7624), (180, 7636), (184, 7648), (192, 7678), (211, 7726), (222, 7759),

Gene: Taotie_6 Start: 6925, Stop: 7836, Start Num: 8

Candidate Starts for Taotie_6:

(Start: 8 @6925 has 470 MA's), (24, 6997), (41, 7081), (59, 7204), (69, 7252), (144, 7558), (179, 7711), (183, 7723), (217, 7825),

Gene: Tbone_7 Start: 6817, Stop: 7764, Start Num: 8

Candidate Starts for Tbone_7:

(Start: 8 @6817 has 470 MA's), (19, 6868), (27, 6901), (50, 7051), (64, 7141), (71, 7168), (78, 7189), (114, 7297), (118, 7318), (135, 7417), (136, 7426), (149, 7477), (168, 7555), (177, 7600), (178, 7603), (184, 7624), (192, 7654), (214, 7711), (222, 7735),

Gene: Tefunt_10 Start: 7041, Stop: 8087, Start Num: 8

Candidate Starts for Tefunt_10:

(Start: 8 @7041 has 470 MA's), (24, 7116), (60, 7338), (81, 7422), (110, 7506), (113, 7521), (164, 7773), (171, 7803), (184, 7857), (192, 7887),

Gene: TforTroy_7 Start: 6957, Stop: 7907, Start Num: 8

Candidate Starts for TforTroy_7:

(Start: 8 @6957 has 470 MA's), (13, 6987), (19, 7008), (51, 7197), (73, 7317), (114, 7437), (119, 7461), (120, 7464), (145, 7599), (177, 7740), (178, 7743), (184, 7764), (192, 7794), (199, 7809), (212, 7845), (222, 7875),

Gene: Thestral_11 Start: 7104, Stop: 8162, Start Num: 8

Candidate Starts for Thestral_11:

(Start: 8 @7104 has 470 MA's), (65, 7434), (90, 7512), (112, 7578), (171, 7875), (185, 7932),

Gene: ThursdayNight_6 Start: 5353, Stop: 6318, Start Num: 8

Candidate Starts for ThursdayNight_6:

(Start: 8 @5353 has 470 MA's), (26, 5434), (46, 5560), (47, 5563), (81, 5740), (92, 5767), (114, 5854), (115, 5860), (118, 5875), (209, 6253),

Gene: Tian_7 Start: 6849, Stop: 7799, Start Num: 8

Candidate Starts for Tian_7:

(Start: 8 @6849 has 470 MA's), (19, 6900), (44, 7041), (50, 7083), (71, 7200), (114, 7329), (120, 7356), (135, 7449), (168, 7587), (177, 7632), (180, 7644), (184, 7656), (192, 7686), (199, 7701), (214, 7743), (222, 7767),

Gene: TinaBelcher_10 Start: 7052, Stop: 8110, Start Num: 8

Candidate Starts for TinaBelcher_10:

(Start: 8 @7052 has 470 MA's), (65, 7382), (90, 7460), (112, 7526), (185, 7880),

Gene: Toma_10 Start: 7221, Stop: 8297, Start Num: 8

Candidate Starts for Toma_10:

(Start: 8 @7221 has 470 MA's), (110, 7719), (117, 7755), (140, 7893), (151, 7932), (171, 8016), (172, 8022), (192, 8100), (226, 8205),

Gene: Topiatin_8 Start: 5712, Stop: 6533, Start Num: 8

Candidate Starts for Topiatin_8:

(Start: 8 @5712 has 470 MA's), (14, 5751), (32, 5835), (33, 5838), (36, 5853), (37, 5856), (84, 6078), (116, 6186), (120, 6204), (122, 6216), (137, 6312), (140, 6327), (162, 6399), (176, 6471), (185, 6504),

Gene: Tourach_8 Start: 6084, Stop: 7232, Start Num: 8

Candidate Starts for Tourach_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (112, 6543), (114, 6558), (119, 6582), (122, 6597), (135, 6684), (138, 6702), (139, 6708), (160, 6792), (171, 6837), (186, 6900), (192, 6921), (202, 6945), (204, 6954), (216, 6990), (239, 7131), (240, 7140), (241, 7158),

Gene: TpudiCK_19 Start: 9853, Stop: 11016, Start Num: 8

Candidate Starts for TpudiCK_19:

(Start: 8 @9853 has 470 MA's), (27, 9937), (45, 10057), (46, 10060), (61, 10156), (64, 10177), (78, 10225), (98, 10270), (107, 10300), (114, 10333), (122, 10372), (139, 10483), (140, 10486), (142, 10492), (154, 10546), (161, 10573), (167, 10600), (171, 10618), (185, 10675), (190, 10693), (196, 10714), (202, 10747), (231, 10876), (239, 10930), (242, 10969),

Gene: Trax_16 Start: 9483, Stop: 10430, Start Num: 8

Candidate Starts for Trax_16:

(Start: 8 @9483 has 470 MA's), (19, 9534), (48, 9705), (51, 9726), (119, 9990), (125, 10023), (133, 10080), (140, 10122), (157, 10191),

Gene: TriFive_9 Start: 6200, Stop: 7360, Start Num: 6

Candidate Starts for TriFive_9:

(Start: 6 @6200 has 22 MA's), (23, 6278), (27, 6293), (35, 6347), (36, 6353), (46, 6410), (51, 6443), (60, 6500), (66, 6533), (69, 6542), (102, 6638), (112, 6668), (138, 6827), (160, 6917), (186, 7025), (192, 7046), (202, 7070), (237, 7238), (239, 7259), (244, 7304),

Gene: Triste_10 Start: 7218, Stop: 8288, Start Num: 8

Candidate Starts for Triste_10:

(Start: 8 @7218 has 470 MA's), (110, 7710), (117, 7746), (140, 7884), (164, 7977), (171, 8007), (184, 8061),

Gene: Triumph_12 Start: 7111, Stop: 8184, Start Num: 8

Candidate Starts for Triumph_12:

(Start: 8 @7111 has 470 MA's), (65, 7462), (171, 7900), (185, 7957), (199, 7999), (203, 8005), (217, 8053),

Gene: TrvxScott_9 Start: 7053, Stop: 8111, Start Num: 8

Candidate Starts for TrvxScott_9:

(Start: 8 @7053 has 470 MA's), (65, 7383), (90, 7461), (112, 7527), (185, 7881),

Gene: TuanPN_10 Start: 7224, Stop: 8297, Start Num: 8

Candidate Starts for TuanPN_10:

(Start: 8 @7224 has 470 MA's), (110, 7716), (113, 7731), (140, 7890), (164, 7983), (171, 8013), (184, 8067), (226, 8205),

Gene: Tuck_8 Start: 7878, Stop: 8813, Start Num: 8

Candidate Starts for Tuck_8:

(Start: 8 @7878 has 470 MA's), (19, 7929), (36, 8022), (50, 8112), (71, 8229), (102, 8313), (114, 8358), (135, 8478), (145, 8520), (149, 8538), (168, 8616), (178, 8664), (184, 8685), (192, 8715), (211, 8763), (222, 8796),

Gene: Turab_7 Start: 6835, Stop: 7782, Start Num: 8

Candidate Starts for Turab_7:

(Start: 8 @6835 has 470 MA's), (18, 6880), (19, 6886), (36, 6979), (44, 7027), (50, 7069), (67, 7168), (71, 7186), (78, 7207), (86, 7228), (114, 7315), (135, 7435), (145, 7477), (168, 7573), (177, 7618), (180, 7630), (184, 7642), (192, 7672), (211, 7720), (222, 7753),

Gene: Tutumahutu_7 Start: 6871, Stop: 7818, Start Num: 8

Candidate Starts for Tutumahutu_7:

(Start: 8 @6871 has 470 MA's), (19, 6922), (27, 6955), (50, 7105), (71, 7222), (114, 7351), (118, 7372), (135, 7471), (136, 7480), (149, 7531), (168, 7609), (177, 7654), (178, 7657), (184, 7678), (192, 7708), (199, 7723), (222, 7789),

Gene: Tweety_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Tweety_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Tweety19_7 Start: 5953, Stop: 6894, Start Num: 8

Candidate Starts for Tweety19_7:

(Start: 8 @5953 has 470 MA's), (19, 6010), (35, 6097), (46, 6166), (50, 6193), (56, 6229), (59, 6250), (64, 6283), (71, 6310), (86, 6352), (108, 6415), (114, 6442), (119, 6466), (140, 6589), (152, 6643), (177, 6745), (184, 6769), (211, 6847), (222, 6874),

Gene: TyDawg_18 Start: 9854, Stop: 11017, Start Num: 8

Candidate Starts for TyDawg_18:

(Start: 8 @9854 has 470 MA's), (27, 9938), (45, 10058), (46, 10061), (61, 10157), (64, 10178), (78, 10226), (98, 10271), (107, 10301), (114, 10334), (122, 10373), (139, 10484), (140, 10487), (142, 10493), (154, 10547), (161, 10574), (167, 10601), (171, 10619), (185, 10676), (190, 10694), (196, 10715), (202, 10748), (231, 10877), (239, 10931), (242, 10970),

Gene: Tyson_8 Start: 6084, Stop: 7235, Start Num: 8

Candidate Starts for Tyson_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (36, 6228), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (114, 6558), (120, 6585), (138, 6702), (150, 6747), (171, 6837), (179, 6876), (185, 6894), (186, 6900), (192, 6921), (216, 6990), (239, 7131), (244, 7176),

Gene: UPIE_8 Start: 6082, Stop: 7233, Start Num: 8

Candidate Starts for UPIE_8:

(Start: 8 @6082 has 470 MA's), (11, 6097), (18, 6127), (27, 6166), (35, 6220), (36, 6226), (51, 6316), (60, 6373), (64, 6400), (66, 6406), (114, 6556), (120, 6583), (138, 6700), (150, 6745), (171, 6835), (179, 6874), (185, 6892), (186, 6898), (192, 6919), (216, 6988), (239, 7129), (244, 7174),

Gene: Underpass_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Underpass_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Unstoppable_10 Start: 7251, Stop: 8315, Start Num: 8

Candidate Starts for Unstoppable_10:

(Start: 8 @7251 has 470 MA's), (65, 7596), (110, 7737), (113, 7752), (143, 7920), (151, 7950), (164, 8004), (171, 8034), (184, 8088), (226, 8223),

Gene: Urza_10 Start: 7450, Stop: 8523, Start Num: 8

Candidate Starts for Urza_10:

(2, 7414), (Start: 8 @7450 has 470 MA's), (23, 7528), (65, 7804), (96, 7900), (112, 7948), (120, 7990), (141, 8122), (147, 8146), (151, 8158), (171, 8245), (172, 8251), (185, 8302), (192, 8329), (217, 8398),

Gene: UtzChips_6 Start: 6055, Stop: 7023, Start Num: 8

Candidate Starts for UtzChips_6:

(Start: 8 @6055 has 470 MA's), (13, 6088), (54, 6316), (64, 6385), (102, 6502), (114, 6547), (148, 6724), (152, 6748), (172, 6826), (174, 6835), (185, 6877), (223, 6994),

Gene: VRedHorse_6 Start: 5049, Stop: 5870, Start Num: 8

Candidate Starts for VRedHorse_6:

(Start: 8 @5049 has 470 MA's), (14, 5088), (32, 5172), (36, 5190), (37, 5193), (80, 5409), (84, 5415), (116, 5523), (120, 5541), (122, 5553), (140, 5664), (162, 5736), (176, 5808), (185, 5841),

Gene: VResidence_7 Start: 6896, Stop: 7843, Start Num: 8

Candidate Starts for VResidence_7:

(Start: 8 @6896 has 470 MA's), (18, 6941), (19, 6947), (46, 7103), (56, 7166), (71, 7247), (102, 7331), (114, 7376), (118, 7397), (135, 7496), (136, 7505), (149, 7556), (178, 7682), (184, 7703), (190, 7724), (192, 7733), (199, 7748), (222, 7814),

Gene: VanLee_8 Start: 5920, Stop: 6837, Start Num: 8

Candidate Starts for VanLee_8:

(Start: 8 @5920 has 470 MA's), (12, 5947), (23, 5989), (24, 5992), (27, 6004), (35, 6058), (50, 6145), (52, 6157), (58, 6187), (65, 6238), (70, 6259), (104, 6358), (114, 6397), (141, 6550), (145, 6562), (167, 6658), (174, 6688), (182, 6721),

Gene: Vanseggelen_13 Start: 6978, Stop: 8024, Start Num: 8

Candidate Starts for Vanseggelen_13:

(Start: 8 @6978 has 470 MA's), (19, 7050), (140, 7629), (164, 7722), (179, 7794), (192, 7839), (211, 7887), (217, 7908), (234, 8004),

Gene: Verabelle_11 Start: 7343, Stop: 8371, Start Num: 8

Candidate Starts for Verabelle_11:

(Start: 8 @7343 has 470 MA's), (19, 7397), (54, 7601), (58, 7619), (140, 7976), (164, 8069), (174, 8117), (179, 8141), (192, 8186), (217, 8255), (229, 8303), (234, 8351),

Gene: Verse_10 Start: 7406, Stop: 8488, Start Num: 8

Candidate Starts for Verse_10:

(Start: 8 @7406 has 470 MA's), (19, 7463), (140, 8066), (179, 8231), (185, 8249), (192, 8276), (197, 8285),

Gene: Veteran_6 Start: 5064, Stop: 5885, Start Num: 8

Candidate Starts for Veteran_6:

(Start: 8 @5064 has 470 MA's), (14, 5103), (32, 5187), (33, 5190), (36, 5205), (37, 5208), (80, 5424), (84, 5430), (116, 5538), (120, 5556), (122, 5568), (140, 5679), (162, 5751), (176, 5823), (185, 5856),

Gene: Vetric_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Vetric_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: VieEnRose_10 Start: 7520, Stop: 8593, Start Num: 8

Candidate Starts for VieEnRose_10:

(2, 7484), (Start: 8 @7520 has 470 MA's), (23, 7598), (65, 7874), (96, 7970), (141, 8192), (147, 8216), (149, 8222), (151, 8228), (171, 8315), (172, 8321), (185, 8372), (192, 8399), (217, 8468),

Gene: Violac_6 Start: 5050, Stop: 5871, Start Num: 8

Candidate Starts for Violac_6:

(Start: 8 @5050 has 470 MA's), (14, 5089), (32, 5173), (33, 5176), (36, 5191), (37, 5194), (80, 5410), (84, 5416), (116, 5524), (120, 5542), (122, 5554), (140, 5665), (162, 5737), (176, 5809), (185, 5842),

Gene: Vivum_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for Vivum_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (33, 5174), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: VroomVroom_6 Start: 5167, Stop: 6108, Start Num: 8

Candidate Starts for VroomVroom_6:

(Start: 8 @5167 has 470 MA's), (19, 5218), (44, 5359), (50, 5401), (59, 5458), (64, 5491), (70, 5515), (71, 5518), (114, 5647), (118, 5668), (136, 5776), (145, 5809), (156, 5860), (160, 5875), (177, 5947), (184, 5971), (190, 5992), (211, 6049), (222, 6082),

Gene: Wachhund_6 Start: 5040, Stop: 5861, Start Num: 8

Candidate Starts for Wachhund_6:

(Start: 8 @5040 has 470 MA's), (14, 5079), (32, 5163), (36, 5181), (80, 5400), (84, 5406), (116, 5514), (120, 5532), (122, 5544), (140, 5655), (162, 5727), (176, 5799), (185, 5832),

Gene: Wamburgrxpress_8 Start: 6084, Stop: 7235, Start Num: 8

Candidate Starts for Wamburgrxpress_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (36, 6228), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (114, 6558), (120, 6585), (138, 6702), (150, 6747), (171, 6837), (179, 6876), (185, 6894), (186, 6900), (192, 6921), (216, 6990), (239, 7131), (244, 7176),

Gene: Warda_7 Start: 6817, Stop: 7764, Start Num: 8

Candidate Starts for Warda_7:

(Start: 8 @6817 has 470 MA's), (19, 6868), (27, 6901), (50, 7051), (64, 7141), (71, 7168), (114, 7297), (118, 7318), (135, 7417), (136, 7426), (149, 7477), (168, 7555), (177, 7600), (178, 7603), (184, 7624), (192, 7654), (214, 7711), (222, 7735),

Gene: Wee_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Wee_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Werner_10 Start: 7221, Stop: 8294, Start Num: 8

Candidate Starts for Werner_10:

(Start: 8 @7221 has 470 MA's), (110, 7713), (113, 7728), (160, 7968), (164, 7980), (171, 8010), (184, 8064), (226, 8202),

Gene: Whatever_10 Start: 7221, Stop: 8294, Start Num: 8

Candidate Starts for Whatever_10:

(Start: 8 @7221 has 470 MA's), (110, 7713), (113, 7728), (160, 7968), (164, 7980), (171, 8010), (184, 8064), (226, 8202),

Gene: Whatsapiecost_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for Whatsapiecost_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Whirlwind_10 Start: 6194, Stop: 7354, Start Num: 6

Candidate Starts for Whirlwind_10:

(Start: 6 @6194 has 22 MA's), (23, 6272), (27, 6287), (35, 6341), (36, 6347), (46, 6404), (51, 6437), (60, 6494), (66, 6527), (69, 6536), (112, 6662), (131, 6773), (138, 6821), (160, 6911), (186, 7019), (192, 7040), (239, 7253), (241, 7280), (244, 7298),

Gene: Whouxfhf_6 Start: 5039, Stop: 5860, Start Num: 8

Candidate Starts for Whouxphf_6:

(Start: 8 @5039 has 470 MA's), (14, 5078), (32, 5162), (36, 5180), (80, 5399), (84, 5405), (120, 5531), (122, 5543), (140, 5654), (162, 5726), (176, 5798), (185, 5831),

Gene: Wigglewiggles_8 Start: 6103, Stop: 7251, Start Num: 8

Candidate Starts for Wigglewiggles_8:

(Start: 8 @6103 has 470 MA's), (11, 6118), (27, 6187), (35, 6241), (51, 6337), (64, 6421), (102, 6532), (112, 6562), (114, 6577), (119, 6601), (122, 6616), (135, 6703), (138, 6721), (139, 6727), (160, 6811), (171, 6856), (186, 6919), (192, 6940), (204, 6973), (216, 7009), (230, 7084), (239, 7150), (241, 7177),

Gene: Wildcat_30 Start: 12954, Stop: 14132, Start Num: 8

Candidate Starts for Wildcat_30:

(Start: 8 @12954 has 470 MA's), (13, 12984), (19, 13005), (22, 13020), (27, 13038), (35, 13092), (36, 13098), (53, 13209), (57, 13227), (59, 13245), (70, 13302), (80, 13335), (120, 13467), (122, 13479), (124, 13494), (132, 13542), (144, 13605), (154, 13653), (161, 13680), (172, 13728), (175, 13740), (192, 13806), (226, 13935), (227, 13941), (230, 13971), (243, 14079), (249, 14127),

Gene: Wilder_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Wilder_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Wildwest_8 Start: 7740, Stop: 8687, Start Num: 8

Candidate Starts for Wildwest_8:

(Start: 8 @7740 has 470 MA's), (18, 7785), (19, 7791), (50, 7974), (71, 8091), (102, 8175), (114, 8220), (118, 8241), (135, 8340), (136, 8349), (149, 8400), (178, 8526), (184, 8547), (192, 8577), (199, 8592), (210, 8622), (222, 8658),

Gene: WillSterrel_6 Start: 5050, Stop: 5871, Start Num: 8

Candidate Starts for WillSterrel_6:

(Start: 8 @5050 has 470 MA's), (14, 5089), (32, 5173), (36, 5191), (37, 5194), (80, 5410), (84, 5416), (116, 5524), (120, 5542), (122, 5554), (140, 5665), (162, 5737), (185, 5842),

Gene: Winky_8 Start: 6070, Stop: 7218, Start Num: 8

Candidate Starts for Winky_8:

(Start: 8 @6070 has 470 MA's), (11, 6085), (27, 6154), (35, 6208), (51, 6304), (64, 6388), (102, 6499), (112, 6529), (114, 6544), (119, 6568), (122, 6583), (135, 6670), (138, 6688), (139, 6694), (160, 6778), (171, 6823), (186, 6886), (192, 6907), (204, 6940), (216, 6976), (230, 7051), (239, 7117), (241, 7144),

Gene: Wyatt2_8 Start: 6084, Stop: 7235, Start Num: 8

Candidate Starts for Wyatt2_8:

(Start: 8 @6084 has 470 MA's), (11, 6099), (18, 6129), (27, 6168), (35, 6222), (36, 6228), (51, 6318), (60, 6375), (64, 6402), (66, 6408), (114, 6558), (120, 6585), (138, 6702), (150, 6747), (171, 6837), (179, 6876), (185, 6894), (186, 6900), (192, 6921), (216, 6990), (239, 7131), (244, 7176),

Gene: XFactor_6 Start: 5062, Stop: 5883, Start Num: 8

Candidate Starts for XFactor_6:

(Start: 8 @5062 has 470 MA's), (14, 5101), (32, 5185), (33, 5188), (36, 5203), (37, 5206), (84, 5428), (116, 5536), (120, 5554), (122, 5566), (137, 5662), (140, 5677), (162, 5749), (176, 5821), (185, 5854),

Gene: Yang_7 Start: 6933, Stop: 7880, Start Num: 8

Candidate Starts for Yang_7:

(Start: 8 @6933 has 470 MA's), (19, 6984), (51, 7173), (73, 7293), (114, 7413), (119, 7437), (120, 7440), (145, 7575), (149, 7593), (177, 7716), (178, 7719), (184, 7740), (192, 7770), (199, 7785), (211, 7818), (222, 7851),

Gene: Yasdni1_10 Start: 7220, Stop: 8293, Start Num: 8

Candidate Starts for Yasdni1_10:

(Start: 8 @7220 has 470 MA's), (110, 7712), (113, 7727), (140, 7886), (164, 7979), (171, 8009), (184, 8063), (226, 8201),

Gene: YesChef_7 Start: 6871, Stop: 7818, Start Num: 8

Candidate Starts for YesChef_7:

(Start: 8 @6871 has 470 MA's), (19, 6922), (27, 6955), (50, 7105), (71, 7222), (114, 7351), (118, 7372), (135, 7471), (136, 7480), (149, 7531), (168, 7609), (177, 7654), (178, 7657), (184, 7678), (192, 7708), (199, 7723), (222, 7789),

Gene: Yorick_6 Start: 5047, Stop: 5868, Start Num: 8

Candidate Starts for Yorick_6:

(Start: 8 @5047 has 470 MA's), (14, 5086), (32, 5170), (33, 5173), (36, 5188), (37, 5191), (80, 5407), (84, 5413), (116, 5521), (120, 5539), (122, 5551), (140, 5662), (162, 5734), (176, 5806), (185, 5839),

Gene: Yosif_11 Start: 7716, Stop: 8744, Start Num: 8

Candidate Starts for Yosif_11:

(Start: 8 @7716 has 470 MA's), (19, 7770), (58, 7992), (140, 8349), (164, 8442), (179, 8514), (185, 8532), (192, 8559), (225, 8664), (234, 8724),

Gene: Zainub_12 Start: 7584, Stop: 8654, Start Num: 8

Candidate Starts for Zainub_12:

(Start: 8 @7584 has 470 MA's), (26, 7674), (65, 7914), (110, 8067), (149, 8274), (151, 8280), (164, 8334), (180, 8409), (184, 8421),

Gene: Zakai_8 Start: 6058, Stop: 7206, Start Num: 8

Candidate Starts for Zakai_8:

(Start: 8 @6058 has 470 MA's), (11, 6073), (27, 6142), (35, 6196), (51, 6292), (64, 6376), (102, 6487), (112, 6517), (114, 6532), (119, 6556), (122, 6571), (135, 6658), (138, 6676), (139, 6682), (160, 6766), (171, 6811), (186, 6874), (192, 6895), (204, 6928), (216, 6964), (230, 7039), (239, 7105), (241, 7132),

Gene: ZamZam_10 Start: 7307, Stop: 8386, Start Num: 8

Candidate Starts for ZamZam_10:

(Start: 8 @7307 has 470 MA's), (19, 7361), (45, 7535), (54, 7589), (90, 7733), (140, 7964), (179, 8129), (185, 8147), (192, 8174), (199, 8189), (237, 8354),

Gene: Zaria_8 Start: 6085, Stop: 7236, Start Num: 8

Candidate Starts for Zaria_8:

(Start: 8 @6085 has 470 MA's), (11, 6100), (18, 6130), (27, 6169), (35, 6223), (36, 6229), (51, 6319), (60, 6376), (64, 6403), (66, 6409), (114, 6559), (120, 6586), (138, 6703), (150, 6748), (171, 6838), (179, 6877), (185, 6895), (186, 6901), (192, 6922), (216, 6991), (239, 7132), (244, 7177),

Gene: Zemlya_11 Start: 7220, Stop: 8305, Start Num: 8

Candidate Starts for Zemlya_11:

(Start: 8 @7220 has 470 MA's), (110, 7724), (113, 7739), (164, 7991), (171, 8021), (192, 8105), (226, 8213),

Gene: Zerg_6 Start: 5048, Stop: 5869, Start Num: 8

Candidate Starts for Zerg_6:

(Start: 8 @5048 has 470 MA's), (14, 5087), (32, 5171), (36, 5189), (37, 5192), (80, 5408), (84, 5414), (116, 5522), (120, 5540), (122, 5552), (137, 5648), (140, 5663), (162, 5735), (176, 5807), (185, 5840),

Gene: Zeta1847_6 Start: 5151, Stop: 6122, Start Num: 7

Candidate Starts for Zeta1847_6:

(Start: 7 @5151 has 1 MA's), (20, 5214), (31, 5271), (54, 5418), (64, 5487), (120, 5676), (121, 5682), (122, 5688), (135, 5769), (136, 5778), (145, 5811), (172, 5928), (185, 5979), (191, 6003), (220, 6081),

Gene: ZhongYanYuan_7 Start: 5899, Stop: 7047, Start Num: 8

Candidate Starts for ZhongYanYuan_7:

(Start: 8 @5899 has 470 MA's), (11, 5914), (18, 5944), (27, 5983), (35, 6037), (51, 6133), (64, 6217), (112, 6358), (114, 6373), (119, 6397), (122, 6412), (135, 6499), (138, 6517), (139, 6523), (160, 6607), (171, 6652), (186, 6715), (192, 6736), (204, 6769), (216, 6805), (239, 6946), (241, 6973),

Gene: Zizzle_6 Start: 5051, Stop: 5872, Start Num: 8

Candidate Starts for Zizzle_6:

(Start: 8 @5051 has 470 MA's), (14, 5090), (32, 5174), (33, 5177), (36, 5192), (37, 5195), (84, 5417), (116, 5525), (120, 5543), (122, 5555), (137, 5651), (140, 5666), (162, 5738), (176, 5810), (185, 5843),

Gene: phiCAM_11 Start: 9127, Stop: 10152, Start Num: 19

Candidate Starts for phiCAM_11:

(Start: 8 @9070 has 470 MA's), (19, 9127), (96, 9517), (140, 9730), (179, 9895), (185, 9913), (192, 9940), (217, 10009), (233, 10102), (237, 10120),

Gene: phiHau3_12 Start: 7280, Stop: 8347, Start Num: 8

Candidate Starts for phiHau3_12:

(Start: 8 @7280 has 470 MA's), (10, 7301), (35, 7427), (36, 7433), (51, 7526), (65, 7610), (70, 7631), (79, 7658), (110, 7763), (151, 7976), (171, 8063), (180, 8105), (185, 8120),

Gene: phiSASD1_27 Start: 5351, Stop: 6226, Start Num: 8

Candidate Starts for phiSASD1_27:

(Start: 8 @5351 has 470 MA's), (16, 5396), (17, 5399), (58, 5618), (76, 5708), (114, 5837), (120, 5864), (135, 5957), (140, 5984), (141, 5987), (143, 5993), (158, 6062), (166, 6095), (187, 6191), (189, 6197), (191, 6203),