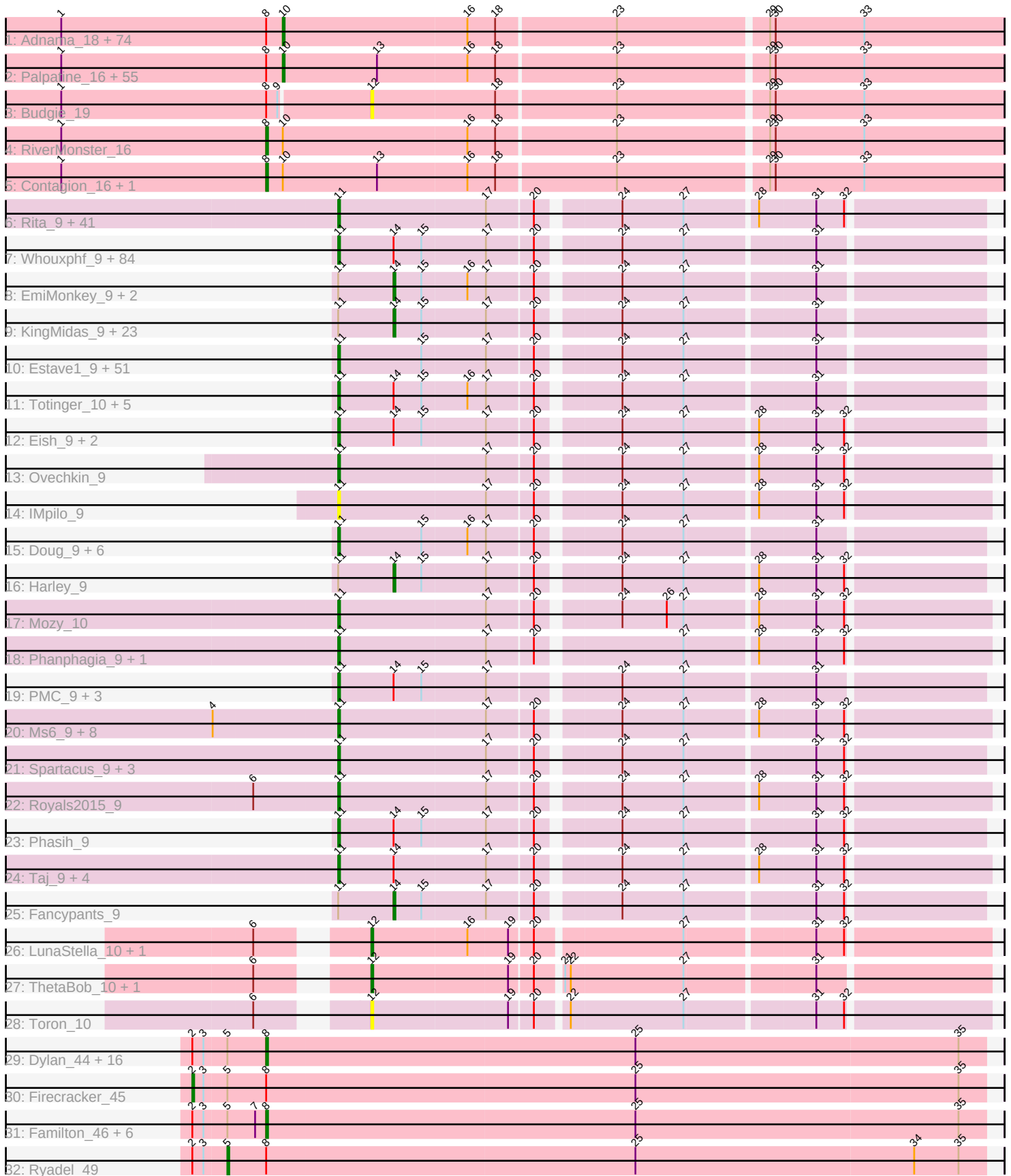


Pham 279989



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 279989 Report

This analysis was run 02/07/26 on database version 634.

Pham number 279989 has 419 members, 36 are drafts.

Phages represented in each track:

- Track 1 : Adnama_18, Pat3_16, ShereKhan_18, Elite2014_15, Hopey_17, Filch_17, Easy2Say_17, Hoonter_18, MPhalcon_16, BaboJay_16, Czyszczo1_17, Eureka_17, Stank_18, StolenFromERC_18, Murphy_16, Brewer_16, Lilac_18, Phrux_16, BigBubba_16, Bogg_17, Terminus_16, AmericanBeauty_18, Bench_18, Cjw1_16, Misfit_16, ChosenOne_15, Goku_17, Teaspoon_16, Pumpkin_17, Highbury_17, Wiggin_18, Xandras_18, DrDrey_17, Elph10_17, Paperbeatsrock_18, Murica_15, Policronamos_16, Tarkin_18, Porky_15, NoSleep_17, HufflyPuff_15, Petra64142_17, FireRed_16, OrionPax_17, Lilizi_18, Pharsalus_17, Stark_17, Maxxinista_17, TBrady12_18, Moldemort_17, Kanye_18, Emmina_16, ChotaBhai_16, Gemini_18, Lilpickle_15, Thresher_17, GoldenSpark_18, HanKaySha_17, MISSy_16, 244_17, Ukulele_16, Becksu_16, Simpliphy_17, Argent26_18, GooberAzure_18, Nimrod_16, Youngblood_16, MadamMonkfish_16, Gage_18, PhatBacter_16, Dumbo_16, JeTaime_18, TeamEdward_17, Kimchi_18, Saints25_17
- Track 2 : Palpatine_16, IHOP_16, Quallification_18, Balomoji_16, Dusk_16, Miniwave_17, Mindy_17, Mosby_16, Icee_16, Sotrice96_17, NelitzaMV_17, Barbarian_16, Goldilocks_18, Traaww1_15, Flypotenuse_15, Phaux_15, Amao_17, DoctorDiddles_17, Bruin_16, Willez_16, Thimble_17, Command613_18, CrystalP_17, Marshmallow_17, Cookies_17, ShamWow_17, Buck_16, Henry_17, ABCat_16, Toto_17, Holt_18, Inca_16, Daikon_15, xkcd_17, Nala_16, StellaBean_17, Tomaszewski_16, Harella_15, Rimmer_16, Kostya_17, TeardropMSU_16, Sassay_16, MollyToe_17, Glexan_15, Bask21_16, Rakim_18, Myrale_17, Manda_17, SophKB_17, Cactus_18, Phaja_16, BilboSwaggins_17, SirDuracell_16, Asriel_16, Tuco_17, BadStone_16
- Track 3 : Budgie_19
- Track 4 : RiverMonster_16
- Track 5 : Contagion_16, Gator_15
- Track 6 : Rita_9, DotProduct_9, LunaBlu_9, NewHope4_9, StAnnes_9, Batiatus_9, Phalconet_9, PopTart_9, XFactor_9, Kenuha5_9, Corium_9, MinionDave_10, SuperGrey_9, Bipolar_9, Melissaueren88_9, PhesterPhotato_9, EleanorGeorge_9, Aubs_9, Fruitloop_9, Polo2Bam_10, Galactic_9, Firehouse51_9, Medindi_9, Chevrolet_9, SG4_9, Krakatau_10, MilleniumForce_10, DoRead_9, Cornucopia_10, DillTech15_9, Chuckly_9, Whatsapiecost_9, Tweety_9, KingJulian_9, PatoPoderoso_9, Hamulus_9, Guppsters_9, Ardmore_9, SassyB_9, ArcusAngelus_9, CaptainTrips_10, Filuzino_9
- Track 7 : Whouxphf_9, JalFarm20_10, Flathead_10, Girr_9, Nimbo_9, Scottish_9, ByChance_9, Beanstalk_10, Misha28_10, Zerg_9, Saal_9, Aloeri_10, Tootsieroll_10, VRedHorse_9, TootsiePop_10, Dorothy_9, Florinda_9, OldBen_9, Burwell21_9,

Latretium_9, ChickenDinner_10, BlueCrab_9, Fastidio_9, DocMcStuffins_10,
 Ogopogo_12, Polka14_9, Nivrat_9, Leperchaun_9, Dante_9, Sandalphon_9,
 Brushbloom_10, Coco12_10, Nitze1_10, Crumble_9, Bobi_10, Minnie_9,
 Wachhund_9, Empress_9, Job42_10, Alexphander_10, Inventum_9, Koella_9,
 Maravista_9, Sassafras_9, Byougenkin_9, Deb65_9, SimranZ1_10,
 DaddyRickover_9, Kersh_9, LilMoolah_9, SwagPigglett_9, Violac_9, Stap_10,
 Mahavrat_9, Mattes_9, Eradicator_9, RedBird_9, FreddyB_9, Hegedechwinu_10,
 Awesomesauce_10, Radiance_9, Squirty_10, Bubbles123_9, Che8_9,
 NormanBulbieJr_9, BuzzLyseyear_10, Cheesepuff_9, Gandalph_9, OlympiaSaint_9,
 ShiLan_9, JarcoB_9, Martik_9, MisterCuddles_9, RitaG_9, BodEinwohner17_9,
 PHappiness_9, JoeyJr_9, Clifton_9, Spoonbill_9, Geralt_9, Doomphist_9, Brocalys_9,
 Ruby_9, Priscilla_9, Marker_10
 • Track 8 : EmiMonkey_9, PhilipPhlop_9, Mantra_9
 • Track 9 : KingMidas_9, BobaPhett_9, Vivum_9, MulchSalad_9, James_9,
 Pacc40_9, ShowerHandel_9, Cabrinians_9, Lizziana_9, Zizzle_9, Ramsey_10,
 Piper2020_10, Gorge_9, Pippy_9, Philus_9, Jennelsea_9, Grimmer_10,
 Seagreen_10, Yorick_9, LastJedi_9, IbOuu_9, Daenerys_9, Poenanya_9, Frankie_10
 • Track 10 : Estave1_9, Madiba_10, Seabastian_9, Cerasum_10, UncleRicky_10,
 Veteran_9, Lorde_10, Sabbb_9, Drago_10, OwlST2W_10, BigPhil_10, Hades_9,
 Juniper1_9, Boomer_10, Modragons_9, OfUltron_9, Hlubikazi_9, Lucia_10,
 MadMen_9, DaWorst_10, Leozinho_10, Donkeykong_9, Brookers_10,
 DosHalletts_10, Ochi17_9, Tchotchke_10, Spikelee_10, Quico_10, Oksu_10,
 Plumbus_10, RockyHorror_10, TDanisky_9, Girafales_10, Velveteen_10, DRBy19_9,
 Kimberlium_10, Beakin_10, LordVader_11, Strokeseat_9, Juice456_10, Karhdo_9,
 MulchExplorer_11, Llama_9, Enby_10, AlpineSix_9, GUmbie_9, Sparkdehlily_9,
 Mandlovu_9, DirtMcgirt_10, Sarma624_10, Kingsley_10, Jinglebell_9
 • Track 11 : Totinger_10, GigiOuiOui_9, Rialto_10, Emmaloid_10, Slim_10,
 Moonbeam_9
 • Track 12 : Eish_9, Ibhubesi_9, Mwanjiwa_9
 • Track 13 : Ovechkin_9
 • Track 14 : IMpilo_9
 • Track 15 : Doug_9, LittleShirley_10, Mova_10, Starceвич_10, Peridot_11,
 Blexus_9, Pollywog_10
 • Track 16 : Harley_9
 • Track 17 : Mozy_10
 • Track 18 : Phanphagia_9, Shauna1_9
 • Track 19 : PMC_9, Phatniss_9, Llij_9, Rockne_9
 • Track 20 : Ms6_9, Topiatin_11, MilanaBonita_10, SiSi_9, QuickMath_9,
 KristaRAM_10, Jant_9, DLane_9, Akhila_10
 • Track 21 : Spartacus_9, IrishSherpFalk_9, Mutaforma13_9, WillSterrel_9
 • Track 22 : Royals2015_9
 • Track 23 : Phasih_9
 • Track 24 : Taj_9, Wee_9, DeadP_9, ShroomBoi_9, Emma_9
 • Track 25 : Fancypants_9
 • Track 26 : LunaStella_10, TChen_10
 • Track 27 : ThetaBob_10, Renaud18_10
 • Track 28 : Toron_10
 • Track 29 : Dylan_44, Smooch_47, Alkhayr_45, MadKillah_46, FoulBall_45,
 Ashwin_46, Murai_45, Schuy_46, Krili_44, NiebruSaylor_44, Mori_44,
 YungJamal_48, Wildflower_45, Wogge42_44, Shida_45, Vorrps_44, Vagabond_45
 • Track 30 : Firecracker_45
 • Track 31 : Familton_46, Blessica_46, Zebo_45, SchoolBus_45, JangDynasty_45,
 Imara_43, TelAviv_42

- Track 32 : Ryadel_49

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

The start number called the most often in the published annotations is 11, it was called in 206 of the 383 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Akhila_10, Alexphander_10, Aloeri_10, AlpineSix_9, ArcusAngelus_9, Ardmore_9, Aubs_9, Awesomesauce_10, Batiatus_9, Beakin_10, Beanstalk_10, BigPhil_10, Bipolar_9, Blexus_9, BlueCrab_9, Bobi_10, BodEinwohner17_9, Boomer_10, Brocalys_9, Brookers_10, Brushbloom_10, Bubbles123_9, Burwell21_9, BuzzLyseyear_10, ByChance_9, Byougenkin_9, CaptainTrips_10, Cerasum_10, Che8_9, Cheese puff_9, Chevrolet_9, ChickenDinner_10, Chuckly_9, Clifton_9, Coco12_10, Corium_9, Cornucopia_10, Crumble_9, DLane_9, DRBy19_9, DaWorst_10, DaddyRickover_9, Dante_9, DeadP_9, Deb65_9, DillTech15_9, DirtMcGirt_10, DoRead_9, DocMcStuffins_10, Donkeykong_9, Doomphist_9, Dorothy_9, DosHalletts_10, DotProduct_9, Doug_9, Drago_10, Eish_9, EleanorGeorge_9, Emma_9, Emmaloid_10, Empress_9, Enby_10, Eradicator_9, Estave1_9, Fastidio_9, Filuzino_9, Firehouse51_9, Flathead_10, Florinda_9, FreddyB_9, Fruitloop_9, GUmbie_9, Galactic_9, Gandolph_9, Geralt_9, GigiOuiOui_9, Girafales_10, Girr_9, Guppsters_9, Hades_9, Hamulus_9, Hegedechwinu_10, Hlubikazi_9, IMpilo_9, Ibhubesi_9, Inventum_9, IrishSherpFalk_9, JalFarm20_10, Jant_9, Jacob_9, Jinglebell_9, Job42_10, JoeyJr_9, Juice456_10, Juniper1_9, Karhdo_9, Kenuha5_9, Kersh_9, Kimberlium_10, KingJulian_9, Kingsley_10, Koella_9, Krakatau_10, KristaRAM_10, Latretium_9, Leozinho_10, Leperchaun_9, LiLMoolah_9, LittleShirley_10, Llama_9, Llij_9, LordVader_11, Lorde_10, Lucia_10, LunaBlu_9, MadMen_9, Madiba_10, Mahavrat_9, Mandlovu_9, Maravista_9, Marker_10, Martik_9, Mattes_9, Medindi_9, Melissauren88_9, MilanaBonita_10, MilleniumForce_10, MinionDave_10, Minnie_9, Misha28_10, MisterCuddles_9, Modragons_9, Moonbeam_9, Mova_10, Mozy_10, Ms6_9, MulchExplorer_11, Mutaforma13_9, Mwanjiwa_9, NewHope4_9, Nimbo_9, Nitzel_10, Nivrat_9, NormanBulbieJr_9, Ochi17_9, OfUltron_9, Ogopogo_12, Oksu_10, OldBen_9, OlympiaSaint_9, Ovechkin_9, OwlsT2W_10, PHappiness_9, PMC_9, PatoPoderoso_9, Peridot_11, Phalconet_9, Phanphagia_9, Phasih_9, Phatniss_9, PhesterPhotato_9, Plumbus_10, Polka14_9, Pollywog_10, Polo2Bam_10, PopTart_9, Priscilla_9, QuickMath_9, Quico_10, Radiance_9, RedBird_9, Rialto_10, RitaG_9, Rita_9, Rockne_9, RockyHorror_10, Royals2015_9, Ruby_9, SG4_9, Saal_9, Sabbb_9, Sandalphon_9, Sarma624_10, Sassafras_9, SassyB_9, Scottish_9, Seabastian_9, Shauna1_9, ShiLan_9, ShroomBoi_9, SiSi_9, SimranZ1_10, Slim_10, Sparkdehlily_9, Spartacus_9, Spikelee_10, Spoonbill_9, Squirty_10, StAnnes_9, Stap_10, Starcevich_10, Strokeseat_9, SuperGrey_9, SwagPigglett_9, TDaniSky_9, Taj_9, Tchotchke_10, TootsiePop_10, Tootsieroll_10, Topiatin_11, Totinger_10, Tweety_9, UncleRicky_10, VRedHorse_9, Velveteen_10, Veteran_9, Violac_9, Wachhund_9, Wee_9, Whatsapiecost_9, Whouxphf_9, WillSterrel_9, XFactor_9, Zerg_9,

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

- BobaPhett_9, Cabrinians_9, Daenerys_9, EmiMonkey_9, Fancypants_9, Frankie_10, Gorge_9, Grimmer_10, Harley_9, IbOuu_9, James_9, Jennelsea_9,

KingMidas_9, LastJedi_9, Lizziana_9, Mantra_9, MulchSalad_9, Pacc40_9, Philus_9, PhilipPhlop_9, Piper2020_10, Pippy_9, Poenanya_9, Ramsey_10, Seagreen_10, ShowerHandel_9, Vivum_9, Yorick_9, Zizzle_9,

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

- 244_17, ABCat_16, Adnama_18, Alkhayr_45, Amao_17, AmericanBeauty_18, Argent26_18, Ashwin_46, Asriel_16, BaboJay_16, BadStone_16, Balomoji_16, Barbarian_16, Bask21_16, Becksu_16, Bench_18, BigBubba_16, BilboSwaggins_17, Blessica_46, Bogg_17, Brewer_16, Bruin_16, Buck_16, Budgie_19, Cactus_18, ChosenOne_15, ChotaBhai_16, Cjw1_16, Command613_18, Contagion_16, Cookies_17, CrystalP_17, Czyszczo1_17, Daikon_15, DoctorDiddles_17, DrDrey_17, Dumbo_16, Dusk_16, Dylan_44, Easy2Say_17, Elite2014_15, Elph10_17, Emmina_16, Eureka_17, Familton_46, Filch_17, FireRed_16, Firecracker_45, Flypotenuse_15, FoulBall_45, Gage_18, Gator_15, Gemini_18, Glexan_15, Goku_17, GoldenSpark_18, Goldilocks_18, GooberAzure_18, HanKaySha_17, Harella_15, Henry_17, Highbury_17, Holt_18, Hoonter_18, Hopey_17, HuffyPuff_15, IHOP_16, Icee_16, Imara_43, Inca_16, JangDynasty_45, JeTaime_18, Kanye_18, Kimchi_18, Kostya_17, Krili_44, Lilac_18, Lilizi_18, Lilpickle_15, LunaStella_10, MISSy_16, MPhalcon_16, MadKillah_46, MadamMonkfish_16, Manda_17, Marshmallow_17, Maxxinista_17, Mindy_17, Miniwave_17, Misfit_16, Moldemort_17, MollyToe_17, Mori_44, Mosby_16, Murai_45, Murica_15, Murphy_16, Myrale_17, Nala_16, NelitzaMV_17, NiebruSaylor_44, Nimrod_16, NoSleep_17, OrionPax_17, Palpatine_16, Paperbeatsrock_18, Pat3_16, Petra64142_17, Phaja_16, Pharsalus_17, PhatBacter_16, Phaux_15, Phrux_16, Policronamos_16, Porky_15, Pumpkin_17, Quallification_18, Rakim_18, Renaud18_10, Rimmer_16, RiverMonster_16, Ryadel_49, Saints25_17, Sassay_16, SchoolBus_45, Schuy_46, ShamWow_17, ShereKhan_18, Shida_45, Simpliphy_17, SirDuracell_16, Smooch_47, SophKB_17, Sotrice96_17, Stank_18, Stark_17, StellaBean_17, StolenFromERC_18, TBrady12_18, TChen_10, Tarkin_18, TeamEdward_17, TeardropMSU_16, Teaspoon_16, TelAviv_42, Terminus_16, ThetaBob_10, Thimble_17, Thresher_17, Tomaszewski_16, Toron_10, Toto_17, Traaww1_15, Tuco_17, Ukulele_16, Vagabond_45, Vorrrps_44, Wiggin_18, Wildflower_45, Willez_16, Wogge42_44, Xandras_18, Youngblood_16, YungJamal_48, Zebo_45, xkcd_17,

Summary by start number:

Start 2:

- Found in 26 of 419 (6.2%) of genes in pham
- Manual Annotations of this start: 1 of 383
- Called 3.8% of time when present
- Phage (with cluster) where this start called: Firecracker_45 (O),

Start 5:

- Found in 26 of 419 (6.2%) of genes in pham
- Manual Annotations of this start: 1 of 383
- Called 3.8% of time when present
- Phage (with cluster) where this start called: Ryadel_49 (O),

Start 8:

- Found in 161 of 419 (38.4%) of genes in pham
- Manual Annotations of this start: 25 of 383
- Called 16.8% of time when present

- Phage (with cluster) where this start called: Alkhayr_45 (O), Ashwin_46 (O), Blessica_46 (O), Contagion_16 (E), Dylan_44 (O), Familton_46 (O), FoulBall_45 (O), Gator_15 (E), Imara_43 (O), JangDynasty_45 (O), Krili_44 (O), MadKillah_46 (O), Mori_44 (O), Murai_45 (O), NiebruSaylor_44 (O), RiverMonster_16 (E), SchoolBus_45 (O), Schuy_46 (O), Shida_45 (O), Smooch_47 (O), TelAviv_42 (O), Vagabond_45 (O), Vorrps_44 (O), Wildflower_45 (O), Wogge42_44 (O), YungJama_48 (O), Zebo_45 (O),

Start 10:

- Found in 134 of 419 (32.0%) of genes in pham
- Manual Annotations of this start: 123 of 383
- Called 97.8% of time when present
- Phage (with cluster) where this start called: 244_17 (E), ABCat_16 (E), Adnama_18 (E), Amao_17 (E), AmericanBeauty_18 (E), Argent26_18 (E), Asriel_16 (E), BaboJay_16 (E), BadStone_16 (E), Balomoji_16 (E), Barbarian_16 (E), Bask21_16 (E), Becksu_16 (E), Bench_18 (E), BigBubba_16 (E), BilboSwaggins_17 (E), Bogg_17 (E), Brewer_16 (E), Bruin_16 (E), Buck_16 (E), Cactus_18 (E), ChosenOne_15 (E), ChotaBhai_16 (E), Cjw1_16 (E), Command613_18 (E), Cookies_17 (E), CrystalP_17 (E), Czystczon1_17 (E), Daikon_15 (E), DoctorDiddles_17 (E), DrDrey_17 (E), Dumbo_16 (E), Dusk_16 (E), Easy2Say_17 (E), Elite2014_15 (E), Elph10_17 (E), Emmina_16 (E), Eureka_17 (E), Filch_17 (E), FireRed_16 (E), Flypotenuse_15 (E), Gage_18 (E), Gemini_18 (E), Glexan_15 (E), Goku_17 (E), GoldenSpark_18 (E), Goldilocks_18 (E), GooberAzure_18 (E), HanKaySha_17 (E), Harella_15 (E), Henry_17 (E), Highbury_17 (E), Holt_18 (E), Hoonter_18 (E), Hopey_17 (E), HuffyPuff_15 (E), IHOP_16 (E), Icee_16 (E), Inca_16 (E), JeTaime_18 (E), Kanye_18 (E), Kimchi_18 (E), Kostya_17 (E), Lilac_18 (E), Lilizi_18 (E), Lilpickle_15 (E), MISSy_16 (E), MPhalcon_16 (E), MadamMonkfish_16 (E), Manda_17 (E), Marshmallow_17 (E), Maxxinista_17 (E), Mindy_17 (E), Miniwave_17 (E), Misfit_16 (E), Moldemort_17 (E), MollyToe_17 (E), Mosby_16 (E), Murica_15 (E), Murphy_16 (E), Myrale_17 (E), Nala_16 (E), NelitzaMV_17 (E), Nimrod_16 (E), NoSleep_17 (E), OrionPax_17 (E), Palpatine_16 (E), Paperbeatsrock_18 (E), Pat3_16 (E), Petra64142_17 (E), Phaja_16 (E), Pharsalus_17 (E), PhatBacter_16 (E), Phaux_15 (E), Phrux_16 (E), Policronamos_16 (E), Porky_15 (E), Pumpkin_17 (E), Qualification_18 (E), Rakim_18 (E), Rimmer_16 (E), Saints25_17 (E), Sassay_16 (E), ShamWow_17 (E), ShereKhan_18 (E), Simpliphy_17 (E), SirDuracell_16 (E), SophKB_17 (E), Sotrice96_17 (E), Stank_18 (E), Stark_17 (E), StellaBean_17 (E), StolenFromERC_18 (E), TBrady12_18 (E), Tarkin_18 (E), TeamEdward_17 (E), TeardropMSU_16 (E), Teaspoon_16 (E), Terminus_16 (E), Thimble_17 (E), Thresher_17 (E), Tomaszewski_16 (E), Toto_17 (E), Traaww1_15 (E), Tuc0_17 (E), Ukulele_16 (E), Wiggin_18 (E), Willez_16 (E), Xandras_18 (E), Youngblood_16 (E), xkcd_17 (E),

Start 11:

- Found in 253 of 419 (60.4%) of genes in pham
- Manual Annotations of this start: 206 of 383
- Called 88.5% of time when present
- Phage (with cluster) where this start called: Akhila_10 (F1), Alexphander_10 (F1), Aloeri_10 (F1), AlpineSix_9 (F1), ArcusAngelus_9 (F1), Ardmore_9 (F1), Aubs_9 (F1), Awesomesauce_10 (F1), Batiatus_9 (F1), Beakin_10 (F1), Beanstalk_10 (F1), BigPhil_10 (F1), Bipolar_9 (F1), Blexus_9 (F1), BlueCrab_9 (F1), Bobi_10 (F1), BodEinwohner17_9 (F1), Boomer_10 (F1), Brocalys_9 (F1), Brookers_10 (F1), Brushbloom_10 (F1), Bubbles123_9 (F1), Burwell21_9 (F1), BuzzLyseyear_10 (F1), ByChance_9 (F1), Byougenkin_9 (F1), CaptainTrips_10 (F1), Cerasum_10 (F1),

Che8_9 (F1), Cheesepuff_9 (F1), Chevrolet_9 (F1), ChickenDinner_10 (F1), Chuckly_9 (F1), Clifton_9 (F1), Coco12_10 (F1), Corium_9 (F1), Cornucopia_10 (F1), Crumble_9 (F1), DLane_9 (F1), DRBy19_9 (F1), DaWorst_10 (F1), DaddyRickover_9 (F1), Dante_9 (F1), DeadP_9 (F1), Deb65_9 (F1), DillTech15_9 (F1), DirtMcgirt_10 (F1), DoRead_9 (F1), DocMcStuffins_10 (F1), Donkeykong_9 (F1), Doomphist_9 (F1), Dorothy_9 (F1), DosHalletts_10 (F1), DotProduct_9 (F1), Doug_9 (F1), Drago_10 (F1), Eish_9 (F1), EleanorGeorge_9 (F1), Emma_9 (F1), Emmaloid_10 (F1), Empress_9 (F1), Enby_10 (F1), Eradicator_9 (F1), Estave1_9 (F1), Fastidio_9 (F1), Filuzino_9 (F1), Firehouse51_9 (F1), Flathead_10 (F1), Florinda_9 (F1), FreddyB_9 (F1), Fruitloop_9 (F1), GUmble_9 (F1), Galactic_9 (F1), Gandolph_9 (F1), Geralt_9 (F1), GigiOuiOui_9 (F1), Girafales_10 (F1), Girr_9 (F1), Guppsters_9 (F1), Hades_9 (F1), Hamulus_9 (F1), Hegedechwinu_10 (F1), Hlubikazi_9 (F1), IMpilo_9 (F1), Ibhubesi_9 (F1), Inventum_9 (F1), IrishSherpFalk_9 (F1), JalFarm20_10 (F1), Jant_9 (F1), Jarcob_9 (F1), Jinglebell_9 (F1), Job42_10 (F1), JoeyJr_9 (F1), Juice456_10 (F1), Juniper1_9 (F1), Karhdo_9 (F1), Kenuha5_9 (F1), Kersh_9 (F1), Kimberlium_10 (F1), KingJulian_9 (F1), Kingsley_10 (F1), Koella_9 (F1), Krakatau_10 (F1), KristaRAM_10 (F1), Latretium_9 (F1), Leozinho_10 (F1), Leperchaun_9 (F1), LilMoolah_9 (F1), LittleShirley_10 (F1), Llama_9 (F1), Llij_9 (F1), LordVader_11 (F), Lorde_10 (F1), Lucia_10 (F1), LunaBlu_9 (F1), MadMen_9 (F1), Madiba_10 (F1), Mahavrat_9 (F1), Mandlovu_9 (F1), Maravista_9 (F1), Marker_10 (F1), Martik_9 (F1), Mattes_9 (F1), Medindi_9 (F1), Melissauren88_9 (F1), MilanaBonita_10 (F1), MilleniumForce_10 (F1), MinionDave_10 (F1), Minnie_9 (F1), Misha28_10 (F1), MisterCuddles_9 (F1), Modragons_9 (F1), Moonbeam_9 (F1), Mova_10 (F1), Mozy_10 (F1), Ms6_9 (F1), MulchExplorer_11 (F1), Mutaforma13_9 (F1), Mwanjiwa_9 (F1), NewHope4_9 (F1), Nimbo_9 (F1), Nitzel_10 (F1), Nivrat_9 (F1), NormanBulbieJr_9 (F1), Ochi17_9 (F1), OfUltron_9 (F1), Ogopogo_12 (F1), Oksu_10 (F1), OldBen_9 (F1), OlympiaSaint_9 (F1), Ovechkin_9 (F1), OwisT2W_10 (F1), PHappiness_9 (F1), PMC_9 (F1), PatoPoderoso_9 (F1), Peridot_11 (F1), Phalconet_9 (F1), Phanphagia_9 (F1), Phasih_9 (F1), Phatniss_9 (F1), PhesterPhotato_9 (F1), Plumbus_10 (F1), Polka14_9 (F1), Pollywog_10 (F1), Polo2Bam_10 (F1), PopTart_9 (F1), Priscilla_9 (F1), QuickMath_9 (F1), Quico_10 (F1), Radiance_9 (F1), RedBird_9 (F1), Rialto_10 (F1), RitaG_9 (F1), Rita_9 (F1), Rockne_9 (F1), RockyHorror_10 (F1), Royals2015_9 (F1), Ruby_9 (F1), SG4_9 (F1), Saal_9 (F1), Sabbb_9 (F1), Sandalphon_9 (F1), Sarma624_10 (F1), Sassafras_9 (F1), SassyB_9 (F1), Scottish_9 (F1), Seabastian_9 (F1), Shauna1_9 (F1), ShiLan_9 (F1), ShroomBoi_9 (F1), SiSi_9 (F1), SimranZ1_10 (F1), Slim_10 (F1), Sparkdehlily_9 (F1), Spartacus_9 (F1), Spikelee_10 (F1), Spoonbill_9 (F1), Squirty_10 (F1), StAnnes_9 (F1), Stap_10 (F1), Starcevich_10 (F1), Strokeseat_9 (F1), SuperGrey_9 (F1), SwagPigglett_9 (F1), TDanisky_9 (F1), Taj_9 (F1), Tchotchke_10 (F1), TootsiePop_10 (F1), Tootsieroll_10 (F1), Topiatin_11 (F1), Totinger_10 (F1), Tweety_9 (F1), UncleRicky_10 (F1), VRedHorse_9 (F1), Velveteen_10 (F1), Veteran_9 (F1), Violac_9 (F1), Wachhund_9 (F1), Wee_9 (F1), Whatsapiecost_9 (F1), Whouxphf_9 (F1), WillSterrel_9 (F1), XFactor_9 (F1), Zerg_9 (F1),

Start 12:

- Found in 6 of 419 (1.4%) of genes in pham
- Manual Annotations of this start: 4 of 383
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Budgie_19 (E), LunaStella_10 (F4), Renaud18_10 (F4), TChen_10 (F4), ThetaBob_10 (F4), Toron_10 (F6),

Start 14:

- Found in 133 of 419 (31.7%) of genes in pham
- Manual Annotations of this start: 23 of 383
- Called 21.8% of time when present
- Phage (with cluster) where this start called: BobaPhett_9 (F1), Cabrinians_9 (F1), Daenerys_9 (F1), EmiMonkey_9 (F1), Fancypants_9 (F1), Frankie_10 (F1), Gorge_9 (F1), Grimmer_10 (F1), Harley_9 (F1), IbOuu_9 (F1), James_9 (F1), Jennelsea_9 (F1), KingMidas_9 (F1), LastJedi_9 (F1), Lizziana_9 (F1), Mantra_9 (F1), MulchSalad_9 (F7), Pacc40_9 (F1), Philus_9 (F1), PhilipPhlop_9 (F1), Piper2020_10 (F1), Pippy_9 (F1), Poenanya_9 (F1), Ramsey_10 (F1), Seagreen_10 (F1), ShowerHandel_9 (F1), Vivum_9 (F1), Yorick_9 (F1), Zizzle_9 (F1),

Summary by clusters:

There are 8 clusters represented in this pham: F1, F3, F4, F6, F7, F, O, E,

Info for manual annotations of cluster E:

- Start number 8 was manually annotated 3 times for cluster E.
- Start number 10 was manually annotated 123 times for cluster E.

Info for manual annotations of cluster F1:

- Start number 11 was manually annotated 205 times for cluster F1.
- Start number 14 was manually annotated 23 times for cluster F1.

Info for manual annotations of cluster F3:

- Start number 11 was manually annotated 1 time for cluster F3.

Info for manual annotations of cluster F4:

- Start number 12 was manually annotated 4 times for cluster F4.

Info for manual annotations of cluster O:

- Start number 2 was manually annotated 1 time for cluster O.
- Start number 5 was manually annotated 1 time for cluster O.
- Start number 8 was manually annotated 22 times for cluster O.

Gene Information:

Gene: 244_17 Start: 9814, Stop: 10194, Start Num: 10

Candidate Starts for 244_17:

(1, 9694), (Start: 8 @9805 has 25 MA's), (Start: 10 @9814 has 123 MA's), (16, 9913), (18, 9928), (23, 9991), (29, 10069), (30, 10072), (33, 10120),

Gene: ABCat_16 Start: 10589, Stop: 10969, Start Num: 10

Candidate Starts for ABCat_16:

(1, 10469), (Start: 8 @10580 has 25 MA's), (Start: 10 @10589 has 123 MA's), (13, 10640), (16, 10688), (18, 10703), (23, 10766), (29, 10844), (30, 10847), (33, 10895),

Gene: Adnama_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for Adnama_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Akhila_10 Start: 7429, Stop: 7758, Start Num: 11

Candidate Starts for Akhila_10:

(4, 7363), (Start: 11 @7429 has 206 MA's), (17, 7507), (20, 7531), (24, 7570), (27, 7603), (28, 7639), (31, 7669), (32, 7684),

Gene: Alexphander_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Alexphander_10:

(Start: 11 @6632 has 206 MA's), (Start: 14 @6662 has 23 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Alkhayr_45 Start: 22908, Stop: 23294, Start Num: 8

Candidate Starts for Alkhayr_45:

(Start: 2 @22869 has 1 MA's), (3, 22875), (Start: 5 @22887 has 1 MA's), (Start: 8 @22908 has 25 MA's), (25, 23106), (35, 23280),

Gene: Aloeri_10 Start: 6635, Stop: 6961, Start Num: 11

Candidate Starts for Aloeri_10:

(Start: 11 @6635 has 206 MA's), (Start: 14 @6665 has 23 MA's), (15, 6680), (17, 6713), (20, 6737), (24, 6776), (27, 6809), (31, 6875),

Gene: AlpineSix_9 Start: 6778, Stop: 7104, Start Num: 11

Candidate Starts for AlpineSix_9:

(Start: 11 @6778 has 206 MA's), (15, 6823), (17, 6856), (20, 6880), (24, 6919), (27, 6952), (31, 7018),

Gene: Amao_17 Start: 9794, Stop: 10174, Start Num: 10

Candidate Starts for Amao_17:

(1, 9674), (Start: 8 @9785 has 25 MA's), (Start: 10 @9794 has 123 MA's), (13, 9845), (16, 9893), (18, 9908), (23, 9971), (29, 10049), (30, 10052), (33, 10100),

Gene: AmericanBeauty_18 Start: 10043, Stop: 10423, Start Num: 10

Candidate Starts for AmericanBeauty_18:

(1, 9923), (Start: 8 @10034 has 25 MA's), (Start: 10 @10043 has 123 MA's), (16, 10142), (18, 10157), (23, 10220), (29, 10298), (30, 10301), (33, 10349),

Gene: ArcusAngelus_9 Start: 6771, Stop: 7100, Start Num: 11

Candidate Starts for ArcusAngelus_9:

(Start: 11 @6771 has 206 MA's), (17, 6849), (20, 6873), (24, 6912), (27, 6945), (28, 6981), (31, 7011), (32, 7026),

Gene: Ardmore_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Ardmore_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Argent26_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for Argent26_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Ashwin_46 Start: 22906, Stop: 23292, Start Num: 8

Candidate Starts for Ashwin_46:

(Start: 2 @22867 has 1 MA's), (3, 22873), (Start: 5 @22885 has 1 MA's), (Start: 8 @22906 has 25 MA's), (25, 23104), (35, 23278),

Gene: Asriel_16 Start: 9461, Stop: 9841, Start Num: 10

Candidate Starts for Asriel_16:

(1, 9341), (Start: 8 @9452 has 25 MA's), (Start: 10 @9461 has 123 MA's), (13, 9512), (16, 9560), (18, 9575), (23, 9638), (29, 9716), (30, 9719), (33, 9767),

Gene: Aubs_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Aubs_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Awesomesauce_10 Start: 6635, Stop: 6961, Start Num: 11

Candidate Starts for Awesomesauce_10:

(Start: 11 @6635 has 206 MA's), (Start: 14 @6665 has 23 MA's), (15, 6680), (17, 6713), (20, 6737), (24, 6776), (27, 6809), (31, 6875),

Gene: BaboJay_16 Start: 10125, Stop: 10505, Start Num: 10

Candidate Starts for BaboJay_16:

(1, 10005), (Start: 8 @10116 has 25 MA's), (Start: 10 @10125 has 123 MA's), (16, 10224), (18, 10239), (23, 10302), (29, 10380), (30, 10383), (33, 10431),

Gene: BadStone_16 Start: 10589, Stop: 10969, Start Num: 10

Candidate Starts for BadStone_16:

(1, 10469), (Start: 8 @10580 has 25 MA's), (Start: 10 @10589 has 123 MA's), (13, 10640), (16, 10688), (18, 10703), (23, 10766), (29, 10844), (30, 10847), (33, 10895),

Gene: Balomoji_16 Start: 10323, Stop: 10703, Start Num: 10

Candidate Starts for Balomoji_16:

(1, 10203), (Start: 8 @10314 has 25 MA's), (Start: 10 @10323 has 123 MA's), (13, 10374), (16, 10422), (18, 10437), (23, 10500), (29, 10578), (30, 10581), (33, 10629),

Gene: Barbarian_16 Start: 9461, Stop: 9841, Start Num: 10

Candidate Starts for Barbarian_16:

(1, 9341), (Start: 8 @9452 has 25 MA's), (Start: 10 @9461 has 123 MA's), (13, 9512), (16, 9560), (18, 9575), (23, 9638), (29, 9716), (30, 9719), (33, 9767),

Gene: Bask21_16 Start: 9256, Stop: 9636, Start Num: 10

Candidate Starts for Bask21_16:

(1, 9136), (Start: 8 @9247 has 25 MA's), (Start: 10 @9256 has 123 MA's), (13, 9307), (16, 9355), (18, 9370), (23, 9433), (29, 9511), (30, 9514), (33, 9562),

Gene: Batiatus_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Batiatus_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Beakin_10 Start: 6635, Stop: 6961, Start Num: 11

Candidate Starts for Beakin_10:

(Start: 11 @6635 has 206 MA's), (15, 6680), (17, 6713), (20, 6737), (24, 6776), (27, 6809), (31, 6875),

Gene: Beanstalk_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Beanstalk_10:

(Start: 11 @6631 has 206 MA's), (Start: 14 @6661 has 23 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Becksu_16 Start: 10233, Stop: 10613, Start Num: 10

Candidate Starts for Becksu_16:

(1, 10113), (Start: 8 @10224 has 25 MA's), (Start: 10 @10233 has 123 MA's), (16, 10332), (18, 10347), (23, 10410), (29, 10488), (30, 10491), (33, 10539),

Gene: Bench_18 Start: 9919, Stop: 10299, Start Num: 10

Candidate Starts for Bench_18:

(1, 9799), (Start: 8 @9910 has 25 MA's), (Start: 10 @9919 has 123 MA's), (16, 10018), (18, 10033), (23, 10096), (29, 10174), (30, 10177), (33, 10225),

Gene: BigBubba_16 Start: 9302, Stop: 9682, Start Num: 10

Candidate Starts for BigBubba_16:

(1, 9182), (Start: 8 @9293 has 25 MA's), (Start: 10 @9302 has 123 MA's), (16, 9401), (18, 9416), (23, 9479), (29, 9557), (30, 9560), (33, 9608),

Gene: BigPhil_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for BigPhil_10:

(Start: 11 @6631 has 206 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: BilboSwaggins_17 Start: 10590, Stop: 10970, Start Num: 10

Candidate Starts for BilboSwaggins_17:

(1, 10470), (Start: 8 @10581 has 25 MA's), (Start: 10 @10590 has 123 MA's), (13, 10641), (16, 10689), (18, 10704), (23, 10767), (29, 10845), (30, 10848), (33, 10896),

Gene: Bipolar_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Bipolar_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Blessica_46 Start: 23309, Stop: 23695, Start Num: 8

Candidate Starts for Blessica_46:

(Start: 2 @23270 has 1 MA's), (3, 23276), (Start: 5 @23288 has 1 MA's), (7, 23303), (Start: 8 @23309 has 25 MA's), (25, 23507), (35, 23681),

Gene: Blexus_9 Start: 6795, Stop: 7121, Start Num: 11

Candidate Starts for Blexus_9:

(Start: 11 @6795 has 206 MA's), (15, 6840), (16, 6864), (17, 6873), (20, 6897), (24, 6936), (27, 6969), (31, 7035),

Gene: BlueCrab_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for BlueCrab_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: BobaPhett_9 Start: 6801, Stop: 7097, Start Num: 14

Candidate Starts for BobaPhett_9:

(Start: 11 @6771 has 206 MA's), (Start: 14 @6801 has 23 MA's), (15, 6816), (17, 6849), (20, 6873), (24, 6912), (27, 6945), (31, 7011),

Gene: Bobi_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Bobi_10:

(Start: 11 @6632 has 206 MA's), (Start: 14 @6662 has 23 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: BodEinwohner17_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for BodEinwohner17_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Bogg_17 Start: 9475, Stop: 9855, Start Num: 10

Candidate Starts for Bogg_17:

(1, 9355), (Start: 8 @9466 has 25 MA's), (Start: 10 @9475 has 123 MA's), (16, 9574), (18, 9589), (23, 9652), (29, 9730), (30, 9733), (33, 9781),

Gene: Boomer_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Boomer_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Brewer_16 Start: 10301, Stop: 10681, Start Num: 10

Candidate Starts for Brewer_16:

(1, 10181), (Start: 8 @10292 has 25 MA's), (Start: 10 @10301 has 123 MA's), (16, 10400), (18, 10415), (23, 10478), (29, 10556), (30, 10559), (33, 10607),

Gene: Brocalys_9 Start: 6768, Stop: 7094, Start Num: 11

Candidate Starts for Brocalys_9:

(Start: 11 @6768 has 206 MA's), (Start: 14 @6798 has 23 MA's), (15, 6813), (17, 6846), (20, 6870), (24, 6909), (27, 6942), (31, 7008),

Gene: Brookers_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Brookers_10:

(Start: 11 @6631 has 206 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Bruin_16 Start: 10097, Stop: 10477, Start Num: 10

Candidate Starts for Bruin_16:

(1, 9977), (Start: 8 @10088 has 25 MA's), (Start: 10 @10097 has 123 MA's), (13, 10148), (16, 10196), (18, 10211), (23, 10274), (29, 10352), (30, 10355), (33, 10403),

Gene: Brushbloom_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Brushbloom_10:

(Start: 11 @6631 has 206 MA's), (Start: 14 @6661 has 23 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Bubbles123_9 Start: 6798, Stop: 7124, Start Num: 11

Candidate Starts for Bubbles123_9:

(Start: 11 @6798 has 206 MA's), (Start: 14 @6828 has 23 MA's), (15, 6843), (17, 6876), (20, 6900), (24, 6939), (27, 6972), (31, 7038),

Gene: Buck_16 Start: 10546, Stop: 10926, Start Num: 10

Candidate Starts for Buck_16:

(1, 10426), (Start: 8 @10537 has 25 MA's), (Start: 10 @10546 has 123 MA's), (13, 10597), (16, 10645), (18, 10660), (23, 10723), (29, 10801), (30, 10804), (33, 10852),

Gene: Budgie_19 Start: 10025, Stop: 10357, Start Num: 12

Candidate Starts for Budgie_19:

(1, 9860), (Start: 8 @9971 has 25 MA's), (9, 9977), (Start: 12 @10025 has 4 MA's), (18, 10091), (23, 10154), (29, 10232), (30, 10235), (33, 10283),

Gene: Burwell21_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Burwell21_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: BuzzLyseyear_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for BuzzLyseyear_10:

(Start: 11 @6631 has 206 MA's), (Start: 14 @6661 has 23 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: ByChance_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for ByChance_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: Byougenkin_9 Start: 6769, Stop: 7098, Start Num: 11

Candidate Starts for Byougenkin_9:

(Start: 11 @6769 has 206 MA's), (Start: 14 @6799 has 23 MA's), (15, 6814), (17, 6847), (20, 6871), (24, 6913), (27, 6946), (31, 7012),

Gene: Cabrinians_9 Start: 6801, Stop: 7097, Start Num: 14

Candidate Starts for Cabrinians_9:

(Start: 11 @6771 has 206 MA's), (Start: 14 @6801 has 23 MA's), (15, 6816), (17, 6849), (20, 6873), (24, 6912), (27, 6945), (31, 7011),

Gene: Cactus_18 Start: 9802, Stop: 10182, Start Num: 10

Candidate Starts for Cactus_18:

(1, 9682), (Start: 8 @9793 has 25 MA's), (Start: 10 @9802 has 123 MA's), (13, 9853), (16, 9901), (18, 9916), (23, 9979), (29, 10057), (30, 10060), (33, 10108),

Gene: CaptainTrips_10 Start: 7429, Stop: 7758, Start Num: 11

Candidate Starts for CaptainTrips_10:

(Start: 11 @7429 has 206 MA's), (17, 7507), (20, 7531), (24, 7570), (27, 7603), (28, 7639), (31, 7669), (32, 7684),

Gene: Cerasum_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Cerasum_10:

(Start: 11 @6631 has 206 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Che8_9 Start: 6783, Stop: 7109, Start Num: 11

Candidate Starts for Che8_9:

(Start: 11 @6783 has 206 MA's), (Start: 14 @6813 has 23 MA's), (15, 6828), (17, 6861), (20, 6885), (24, 6924), (27, 6957), (31, 7023),

Gene: Cheesepuff_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Cheesepuff_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: Chevrolet_9 Start: 6771, Stop: 7100, Start Num: 11

Candidate Starts for Chevrolet_9:

(Start: 11 @6771 has 206 MA's), (17, 6849), (20, 6873), (24, 6912), (27, 6945), (28, 6981), (31, 7011), (32, 7026),

Gene: ChickenDinner_10 Start: 6635, Stop: 6961, Start Num: 11

Candidate Starts for ChickenDinner_10:

(Start: 11 @6635 has 206 MA's), (Start: 14 @6665 has 23 MA's), (15, 6680), (17, 6713), (20, 6737), (24, 6776), (27, 6809), (31, 6875),

Gene: ChosenOne_15 Start: 9266, Stop: 9646, Start Num: 10

Candidate Starts for ChosenOne_15:

(1, 9146), (Start: 8 @9257 has 25 MA's), (Start: 10 @9266 has 123 MA's), (16, 9365), (18, 9380), (23, 9443), (29, 9521), (30, 9524), (33, 9572),

Gene: ChotaBhai_16 Start: 9302, Stop: 9682, Start Num: 10

Candidate Starts for ChotaBhai_16:

(1, 9182), (Start: 8 @9293 has 25 MA's), (Start: 10 @9302 has 123 MA's), (16, 9401), (18, 9416), (23, 9479), (29, 9557), (30, 9560), (33, 9608),

Gene: Chuckly_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Chuckly_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Cjw1_16 Start: 10816, Stop: 11196, Start Num: 10

Candidate Starts for Cjw1_16:

(1, 10696), (Start: 8 @10807 has 25 MA's), (Start: 10 @10816 has 123 MA's), (16, 10915), (18, 10930), (23, 10993), (29, 11071), (30, 11074), (33, 11122),

Gene: Clifton_9 Start: 6767, Stop: 7093, Start Num: 11

Candidate Starts for Clifton_9:

(Start: 11 @6767 has 206 MA's), (Start: 14 @6797 has 23 MA's), (15, 6812), (17, 6845), (20, 6869), (24, 6908), (27, 6941), (31, 7007),

Gene: Coco12_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Coco12_10:

(Start: 11 @6632 has 206 MA's), (Start: 14 @6662 has 23 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Command613_18 Start: 10858, Stop: 11238, Start Num: 10

Candidate Starts for Command613_18:

(1, 10738), (Start: 8 @10849 has 25 MA's), (Start: 10 @10858 has 123 MA's), (13, 10909), (16, 10957), (18, 10972), (23, 11035), (29, 11113), (30, 11116), (33, 11164),

Gene: Contagion_16 Start: 10088, Stop: 10477, Start Num: 8

Candidate Starts for Contagion_16:

(1, 9977), (Start: 8 @10088 has 25 MA's), (Start: 10 @10097 has 123 MA's), (13, 10148), (16, 10196), (18, 10211), (23, 10274), (29, 10352), (30, 10355), (33, 10403),

Gene: Cookies_17 Start: 10462, Stop: 10842, Start Num: 10

Candidate Starts for Cookies_17:

(1, 10342), (Start: 8 @10453 has 25 MA's), (Start: 10 @10462 has 123 MA's), (13, 10513), (16, 10561), (18, 10576), (23, 10639), (29, 10717), (30, 10720), (33, 10768),

Gene: Corium_9 Start: 6782, Stop: 7111, Start Num: 11

Candidate Starts for Corium_9:

(Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: Cornucopia_10 Start: 6631, Stop: 6960, Start Num: 11

Candidate Starts for Cornucopia_10:

(Start: 11 @6631 has 206 MA's), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (28, 6841), (31, 6871), (32, 6886),

Gene: Crumble_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Crumble_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: CrystalP_17 Start: 10590, Stop: 10970, Start Num: 10

Candidate Starts for CrystalP_17:

(1, 10470), (Start: 8 @10581 has 25 MA's), (Start: 10 @10590 has 123 MA's), (13, 10641), (16, 10689), (18, 10704), (23, 10767), (29, 10845), (30, 10848), (33, 10896),

Gene: Czyszczone1_17 Start: 9801, Stop: 10181, Start Num: 10

Candidate Starts for Czyszczone1_17:

(1, 9681), (Start: 8 @9792 has 25 MA's), (Start: 10 @9801 has 123 MA's), (16, 9900), (18, 9915), (23, 9978), (29, 10056), (30, 10059), (33, 10107),

Gene: DLane_9 Start: 6782, Stop: 7111, Start Num: 11

Candidate Starts for DLane_9:

(4, 6716), (Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: DRBy19_9 Start: 6795, Stop: 7121, Start Num: 11

Candidate Starts for DRBy19_9:

(Start: 11 @6795 has 206 MA's), (15, 6840), (17, 6873), (20, 6897), (24, 6936), (27, 6969), (31, 7035),

Gene: DaWorst_10 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for DaWorst_10:

(Start: 11 @6633 has 206 MA's), (15, 6678), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: DaddyRickover_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for DaddyRickover_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Daenerys_9 Start: 6809, Stop: 7105, Start Num: 14

Candidate Starts for Daenerys_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Daikon_15 Start: 10324, Stop: 10704, Start Num: 10

Candidate Starts for Daikon_15:

(1, 10204), (Start: 8 @10315 has 25 MA's), (Start: 10 @10324 has 123 MA's), (13, 10375), (16, 10423), (18, 10438), (23, 10501), (29, 10579), (30, 10582), (33, 10630),

Gene: Dante_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for Dante_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: DeadP_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for DeadP_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Deb65_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Deb65_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: DillTech15_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for DillTech15_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: DirtMcgirt_10 Start: 6634, Stop: 6960, Start Num: 11

Candidate Starts for DirtMcgirt_10:

(Start: 11 @6634 has 206 MA's), (15, 6679), (17, 6712), (20, 6736), (24, 6775), (27, 6808), (31, 6874),

Gene: DoRead_9 Start: 6769, Stop: 7095, Start Num: 11

Candidate Starts for DoRead_9:

(Start: 11 @6769 has 206 MA's), (17, 6847), (20, 6871), (24, 6910), (27, 6943), (28, 6979), (31, 7009), (32, 7024),

Gene: DocMcStuffins_10 Start: 6635, Stop: 6961, Start Num: 11

Candidate Starts for DocMcStuffins_10:

(Start: 11 @6635 has 206 MA's), (Start: 14 @6665 has 23 MA's), (15, 6680), (17, 6713), (20, 6737), (24, 6776), (27, 6809), (31, 6875),

Gene: DoctorDiddles_17 Start: 9755, Stop: 10135, Start Num: 10

Candidate Starts for DoctorDiddles_17:

(1, 9635), (Start: 8 @9746 has 25 MA's), (Start: 10 @9755 has 123 MA's), (13, 9806), (16, 9854), (18, 9869), (23, 9932), (29, 10010), (30, 10013), (33, 10061),

Gene: Donkeykong_9 Start: 6798, Stop: 7124, Start Num: 11

Candidate Starts for Donkeykong_9:

(Start: 11 @6798 has 206 MA's), (15, 6843), (17, 6876), (20, 6900), (24, 6939), (27, 6972), (31, 7038),

Gene: Doomphist_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Doomphist_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Dorothy_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Dorothy_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: DosHalletts_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for DosHalletts_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: DotProduct_9 Start: 6782, Stop: 7111, Start Num: 11

Candidate Starts for DotProduct_9:

(Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: Doug_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Doug_9:

(Start: 11 @6781 has 206 MA's), (15, 6826), (16, 6850), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: DrDrey_17 Start: 10542, Stop: 10922, Start Num: 10

Candidate Starts for DrDrey_17:

(1, 10422), (Start: 8 @10533 has 25 MA's), (Start: 10 @10542 has 123 MA's), (16, 10641), (18, 10656), (23, 10719), (29, 10797), (30, 10800), (33, 10848),

Gene: Drago_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Drago_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Dumbo_16 Start: 9523, Stop: 9903, Start Num: 10

Candidate Starts for Dumbo_16:

(1, 9403), (Start: 8 @9514 has 25 MA's), (Start: 10 @9523 has 123 MA's), (16, 9622), (18, 9637), (23, 9700), (29, 9778), (30, 9781), (33, 9829),

Gene: Dusk_16 Start: 10249, Stop: 10629, Start Num: 10

Candidate Starts for Dusk_16:

(1, 10129), (Start: 8 @10240 has 25 MA's), (Start: 10 @10249 has 123 MA's), (13, 10300), (16, 10348), (18, 10363), (23, 10426), (29, 10504), (30, 10507), (33, 10555),

Gene: Dylan_44 Start: 22711, Stop: 23097, Start Num: 8

Candidate Starts for Dylan_44:

(Start: 2 @22672 has 1 MA's), (3, 22678), (Start: 5 @22690 has 1 MA's), (Start: 8 @22711 has 25 MA's), (25, 22909), (35, 23083),

Gene: Easy2Say_17 Start: 10789, Stop: 11169, Start Num: 10

Candidate Starts for Easy2Say_17:

(1, 10669), (Start: 8 @10780 has 25 MA's), (Start: 10 @10789 has 123 MA's), (16, 10888), (18, 10903), (23, 10966), (29, 11044), (30, 11047), (33, 11095),

Gene: Eish_9 Start: 6769, Stop: 7095, Start Num: 11

Candidate Starts for Eish_9:

(Start: 11 @6769 has 206 MA's), (Start: 14 @6799 has 23 MA's), (15, 6814), (17, 6847), (20, 6871), (24, 6910), (27, 6943), (28, 6979), (31, 7009), (32, 7024),

Gene: EleanorGeorge_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for EleanorGeorge_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Elite2014_15 Start: 9266, Stop: 9646, Start Num: 10

Candidate Starts for Elite2014_15:

(1, 9146), (Start: 8 @9257 has 25 MA's), (Start: 10 @9266 has 123 MA's), (16, 9365), (18, 9380), (23, 9443), (29, 9521), (30, 9524), (33, 9572),

Gene: Elph10_17 Start: 9526, Stop: 9906, Start Num: 10

Candidate Starts for Elph10_17:

(1, 9406), (Start: 8 @9517 has 25 MA's), (Start: 10 @9526 has 123 MA's), (16, 9625), (18, 9640), (23, 9703), (29, 9781), (30, 9784), (33, 9832),

Gene: EmiMonkey_9 Start: 6826, Stop: 7122, Start Num: 14

Candidate Starts for EmiMonkey_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (16, 6865), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: Emma_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Emma_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Emmaloid_10 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for Emmaloid_10:

(Start: 11 @6633 has 206 MA's), (Start: 14 @6663 has 23 MA's), (15, 6678), (16, 6702), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: Emmina_16 Start: 9371, Stop: 9751, Start Num: 10

Candidate Starts for Emmina_16:

(1, 9251), (Start: 8 @9362 has 25 MA's), (Start: 10 @9371 has 123 MA's), (16, 9470), (18, 9485), (23, 9548), (29, 9626), (30, 9629), (33, 9677),

Gene: Empress_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Empress_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Enby_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Enby_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Eradicator_9 Start: 6780, Stop: 7106, Start Num: 11

Candidate Starts for Eradicator_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: Estave1_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Estave1_9:

(Start: 11 @6781 has 206 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: Eureka_17 Start: 10569, Stop: 10949, Start Num: 10

Candidate Starts for Eureka_17:

(1, 10449), (Start: 8 @10560 has 25 MA's), (Start: 10 @10569 has 123 MA's), (16, 10668), (18, 10683), (23, 10746), (29, 10824), (30, 10827), (33, 10875),

Gene: Familton_46 Start: 23002, Stop: 23388, Start Num: 8

Candidate Starts for Familton_46:

(Start: 2 @22963 has 1 MA's), (3, 22969), (Start: 5 @22981 has 1 MA's), (7, 22996), (Start: 8 @23002 has 25 MA's), (25, 23200), (35, 23374),

Gene: Fancypants_9 Start: 6813, Stop: 7109, Start Num: 14

Candidate Starts for Fancypants_9:

(Start: 11 @6783 has 206 MA's), (Start: 14 @6813 has 23 MA's), (15, 6828), (17, 6861), (20, 6885), (24, 6924), (27, 6957), (31, 7023), (32, 7038),

Gene: Fastidio_9 Start: 6782, Stop: 7108, Start Num: 11

Candidate Starts for Fastidio_9:

(Start: 11 @6782 has 206 MA's), (Start: 14 @6812 has 23 MA's), (15, 6827), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (31, 7022),

Gene: Filch_17 Start: 9811, Stop: 10191, Start Num: 10

Candidate Starts for Filch_17:

(1, 9691), (Start: 8 @9802 has 25 MA's), (Start: 10 @9811 has 123 MA's), (16, 9910), (18, 9925), (23, 9988), (29, 10066), (30, 10069), (33, 10117),

Gene: Filuzino_9 Start: 6782, Stop: 7111, Start Num: 11

Candidate Starts for Filuzino_9:

(Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: FireRed_16 Start: 10099, Stop: 10479, Start Num: 10

Candidate Starts for FireRed_16:

(1, 9979), (Start: 8 @10090 has 25 MA's), (Start: 10 @10099 has 123 MA's), (16, 10198), (18, 10213), (23, 10276), (29, 10354), (30, 10357), (33, 10405),

Gene: Firecracker_45 Start: 22570, Stop: 22995, Start Num: 2

Candidate Starts for Firecracker_45:

(Start: 2 @22570 has 1 MA's), (3, 22576), (Start: 5 @22588 has 1 MA's), (Start: 8 @22609 has 25 MA's), (25, 22807), (35, 22981),

Gene: Firehouse51_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Firehouse51_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Flathead_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Flathead_10:

(Start: 11 @6631 has 206 MA's), (Start: 14 @6661 has 23 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Florinda_9 Start: 6799, Stop: 7125, Start Num: 11

Candidate Starts for Florinda_9:

(Start: 11 @6799 has 206 MA's), (Start: 14 @6829 has 23 MA's), (15, 6844), (17, 6877), (20, 6901), (24, 6940), (27, 6973), (31, 7039),

Gene: Flypotenuse_15 Start: 10206, Stop: 10586, Start Num: 10

Candidate Starts for Flypotenuse_15:

(1, 10086), (Start: 8 @10197 has 25 MA's), (Start: 10 @10206 has 123 MA's), (13, 10257), (16, 10305), (18, 10320), (23, 10383), (29, 10461), (30, 10464), (33, 10512),

Gene: FoulBall_45 Start: 22996, Stop: 23382, Start Num: 8

Candidate Starts for FoulBall_45:

(Start: 2 @22957 has 1 MA's), (3, 22963), (Start: 5 @22975 has 1 MA's), (Start: 8 @22996 has 25 MA's), (25, 23194), (35, 23368),

Gene: Frankie_10 Start: 6855, Stop: 7151, Start Num: 14

Candidate Starts for Frankie_10:

(Start: 11 @6825 has 206 MA's), (Start: 14 @6855 has 23 MA's), (15, 6870), (17, 6903), (20, 6927), (24, 6966), (27, 6999), (31, 7065),

Gene: FreddyB_9 Start: 6780, Stop: 7106, Start Num: 11

Candidate Starts for FreddyB_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: Fruitloop_9 Start: 6782, Stop: 7111, Start Num: 11

Candidate Starts for Fruitloop_9:

(Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: GUmbie_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for GUmbie_9:

(Start: 11 @6796 has 206 MA's), (15, 6841), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: Gage_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for Gage_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Galactic_9 Start: 6755, Stop: 7084, Start Num: 11

Candidate Starts for Galactic_9:

(Start: 11 @6755 has 206 MA's), (17, 6833), (20, 6857), (24, 6896), (27, 6929), (28, 6965), (31, 6995), (32, 7010),

Gene: Gandalph_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for Gandalph_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: Gator_15 Start: 10196, Stop: 10585, Start Num: 8

Candidate Starts for Gator_15:

(1, 10085), (Start: 8 @10196 has 25 MA's), (Start: 10 @10205 has 123 MA's), (13, 10256), (16, 10304), (18, 10319), (23, 10382), (29, 10460), (30, 10463), (33, 10511),

Gene: Gemini_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for Gemini_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Geralt_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Geralt_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: GigiOuiOui_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for GigiOuiOui_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (16, 6865), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: Girafales_10 Start: 6627, Stop: 6953, Start Num: 11

Candidate Starts for Girafales_10:

(Start: 11 @6627 has 206 MA's), (15, 6672), (17, 6705), (20, 6729), (24, 6768), (27, 6801), (31, 6867),

Gene: Girr_9 Start: 6785, Stop: 7111, Start Num: 11

Candidate Starts for Girr_9:

(Start: 11 @6785 has 206 MA's), (Start: 14 @6815 has 23 MA's), (15, 6830), (17, 6863), (20, 6887), (24, 6926), (27, 6959), (31, 7025),

Gene: Glexan_15 Start: 10206, Stop: 10586, Start Num: 10

Candidate Starts for Glexan_15:

(1, 10086), (Start: 8 @10197 has 25 MA's), (Start: 10 @10206 has 123 MA's), (13, 10257), (16, 10305), (18, 10320), (23, 10383), (29, 10461), (30, 10464), (33, 10512),

Gene: Goku_17 Start: 10298, Stop: 10678, Start Num: 10

Candidate Starts for Goku_17:

(1, 10178), (Start: 8 @10289 has 25 MA's), (Start: 10 @10298 has 123 MA's), (16, 10397), (18, 10412), (23, 10475), (29, 10553), (30, 10556), (33, 10604),

Gene: GoldenSpark_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for GoldenSpark_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Goldilocks_18 Start: 10000, Stop: 10380, Start Num: 10

Candidate Starts for Goldilocks_18:

(1, 9880), (Start: 8 @9991 has 25 MA's), (Start: 10 @10000 has 123 MA's), (13, 10051), (16, 10099), (18, 10114), (23, 10177), (29, 10255), (30, 10258), (33, 10306),

Gene: GooberAzure_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for GooberAzure_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Gorge_9 Start: 6798, Stop: 7094, Start Num: 14

Candidate Starts for Gorge_9:

(Start: 11 @6768 has 206 MA's), (Start: 14 @6798 has 23 MA's), (15, 6813), (17, 6846), (20, 6870), (24, 6909), (27, 6942), (31, 7008),

Gene: Grimmer_10 Start: 7464, Stop: 7760, Start Num: 14

Candidate Starts for Grimmer_10:

(Start: 11 @7434 has 206 MA's), (Start: 14 @7464 has 23 MA's), (15, 7479), (17, 7512), (20, 7536), (24, 7575), (27, 7608), (31, 7674),

Gene: Guppsters_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Guppsters_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Hades_9 Start: 6782, Stop: 7108, Start Num: 11

Candidate Starts for Hades_9:

(Start: 11 @6782 has 206 MA's), (15, 6827), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (31, 7022),

Gene: Hamulus_9 Start: 6782, Stop: 7111, Start Num: 11

Candidate Starts for Hamulus_9:

(Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: HanKaySha_17 Start: 9801, Stop: 10181, Start Num: 10

Candidate Starts for HanKaySha_17:

(1, 9681), (Start: 8 @9792 has 25 MA's), (Start: 10 @9801 has 123 MA's), (16, 9900), (18, 9915), (23, 9978), (29, 10056), (30, 10059), (33, 10107),

Gene: Harella_15 Start: 10206, Stop: 10586, Start Num: 10

Candidate Starts for Harella_15:

(1, 10086), (Start: 8 @10197 has 25 MA's), (Start: 10 @10206 has 123 MA's), (13, 10257), (16, 10305), (18, 10320), (23, 10383), (29, 10461), (30, 10464), (33, 10512),

Gene: Harley_9 Start: 6799, Stop: 7095, Start Num: 14

Candidate Starts for Harley_9:

(Start: 11 @6769 has 206 MA's), (Start: 14 @6799 has 23 MA's), (15, 6814), (17, 6847), (20, 6871), (24, 6910), (27, 6943), (28, 6979), (31, 7009), (32, 7024),

Gene: Hegedechwinu_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Hegedechwinu_10:

(Start: 11 @6631 has 206 MA's), (Start: 14 @6661 has 23 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Henry_17 Start: 10589, Stop: 10969, Start Num: 10

Candidate Starts for Henry_17:

(1, 10469), (Start: 8 @10580 has 25 MA's), (Start: 10 @10589 has 123 MA's), (13, 10640), (16, 10688), (18, 10703), (23, 10766), (29, 10844), (30, 10847), (33, 10895),

Gene: Highbury_17 Start: 9720, Stop: 10100, Start Num: 10

Candidate Starts for Highbury_17:

(1, 9600), (Start: 8 @9711 has 25 MA's), (Start: 10 @9720 has 123 MA's), (16, 9819), (18, 9834), (23, 9897), (29, 9975), (30, 9978), (33, 10026),

Gene: Hlubikazi_9 Start: 6769, Stop: 7095, Start Num: 11

Candidate Starts for Hlubikazi_9:

(Start: 11 @6769 has 206 MA's), (15, 6814), (17, 6847), (20, 6871), (24, 6910), (27, 6943), (31, 7009),

Gene: Holt_18 Start: 9873, Stop: 10253, Start Num: 10

Candidate Starts for Holt_18:

(1, 9753), (Start: 8 @9864 has 25 MA's), (Start: 10 @9873 has 123 MA's), (13, 9924), (16, 9972), (18, 9987), (23, 10050), (29, 10128), (30, 10131), (33, 10179),

Gene: Hoonter_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for Hoonter_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Hopey_17 Start: 9811, Stop: 10191, Start Num: 10

Candidate Starts for Hopey_17:

(1, 9691), (Start: 8 @9802 has 25 MA's), (Start: 10 @9811 has 123 MA's), (16, 9910), (18, 9925), (23, 9988), (29, 10066), (30, 10069), (33, 10117),

Gene: HufflyPuff_15 Start: 10055, Stop: 10435, Start Num: 10

Candidate Starts for HufflyPuff_15:

(1, 9935), (Start: 8 @10046 has 25 MA's), (Start: 10 @10055 has 123 MA's), (16, 10154), (18, 10169), (23, 10232), (29, 10310), (30, 10313), (33, 10361),

Gene: IHOP_16 Start: 10249, Stop: 10629, Start Num: 10

Candidate Starts for IHOP_16:

(1, 10129), (Start: 8 @10240 has 25 MA's), (Start: 10 @10249 has 123 MA's), (13, 10300), (16, 10348), (18, 10363), (23, 10426), (29, 10504), (30, 10507), (33, 10555),

Gene: IMpilo_9 Start: 6769, Stop: 7098, Start Num: 11

Candidate Starts for IMpilo_9:

(Start: 11 @6769 has 206 MA's), (17, 6847), (20, 6871), (24, 6910), (27, 6943), (28, 6979), (31, 7009), (32, 7024),

Gene: IbOuu_9 Start: 6808, Stop: 7104, Start Num: 14

Candidate Starts for IbOuu_9:

(Start: 11 @6778 has 206 MA's), (Start: 14 @6808 has 23 MA's), (15, 6823), (17, 6856), (20, 6880), (24, 6919), (27, 6952), (31, 7018),

Gene: Ibhubesi_9 Start: 6769, Stop: 7095, Start Num: 11

Candidate Starts for Ibhubesi_9:

(Start: 11 @6769 has 206 MA's), (Start: 14 @6799 has 23 MA's), (15, 6814), (17, 6847), (20, 6871), (24, 6910), (27, 6943), (28, 6979), (31, 7009), (32, 7024),

Gene: Icee_16 Start: 10249, Stop: 10629, Start Num: 10

Candidate Starts for Icee_16:

(1, 10129), (Start: 8 @10240 has 25 MA's), (Start: 10 @10249 has 123 MA's), (13, 10300), (16, 10348), (18, 10363), (23, 10426), (29, 10504), (30, 10507), (33, 10555),

Gene: Imara_43 Start: 22805, Stop: 23191, Start Num: 8

Candidate Starts for Imara_43:

(Start: 2 @22766 has 1 MA's), (3, 22772), (Start: 5 @22784 has 1 MA's), (7, 22799), (Start: 8 @22805 has 25 MA's), (25, 23003), (35, 23177),

Gene: Inca_16 Start: 9269, Stop: 9649, Start Num: 10

Candidate Starts for Inca_16:

(1, 9149), (Start: 8 @9260 has 25 MA's), (Start: 10 @9269 has 123 MA's), (13, 9320), (16, 9368), (18, 9383), (23, 9446), (29, 9524), (30, 9527), (33, 9575),

Gene: Inventum_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Inventum_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: IrishSherpFalk_9 Start: 6767, Stop: 7093, Start Num: 11

Candidate Starts for IrishSherpFalk_9:

(Start: 11 @6767 has 206 MA's), (17, 6845), (20, 6869), (24, 6908), (27, 6941), (31, 7007), (32, 7022),

Gene: JalFarm20_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for JalFarm20_10:

(Start: 11 @6632 has 206 MA's), (Start: 14 @6662 has 23 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: James_9 Start: 6801, Stop: 7097, Start Num: 14

Candidate Starts for James_9:

(Start: 11 @6771 has 206 MA's), (Start: 14 @6801 has 23 MA's), (15, 6816), (17, 6849), (20, 6873), (24, 6912), (27, 6945), (31, 7011),

Gene: JangDynasty_45 Start: 23091, Stop: 23477, Start Num: 8

Candidate Starts for JangDynasty_45:

(Start: 2 @23052 has 1 MA's), (3, 23058), (Start: 5 @23070 has 1 MA's), (7, 23085), (Start: 8 @23091 has 25 MA's), (25, 23289), (35, 23463),

Gene: Jant_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Jant_9:

(4, 6715), (Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Jacob_9 Start: 6780, Stop: 7106, Start Num: 11

Candidate Starts for Jacob_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: JeTaime_18 Start: 10851, Stop: 11231, Start Num: 10

Candidate Starts for JeTaime_18:

(1, 10731), (Start: 8 @10842 has 25 MA's), (Start: 10 @10851 has 123 MA's), (16, 10950), (18, 10965), (23, 11028), (29, 11106), (30, 11109), (33, 11157),

Gene: Jennelsea_9 Start: 6797, Stop: 7093, Start Num: 14

Candidate Starts for Jennelsea_9:

(Start: 11 @6767 has 206 MA's), (Start: 14 @6797 has 23 MA's), (15, 6812), (17, 6845), (20, 6869), (24, 6908), (27, 6941), (31, 7007),

Gene: Jinglebell_9 Start: 6778, Stop: 7104, Start Num: 11

Candidate Starts for Jinglebell_9:

(Start: 11 @6778 has 206 MA's), (15, 6823), (17, 6856), (20, 6880), (24, 6919), (27, 6952), (31, 7018),

Gene: Job42_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Job42_10:

(Start: 11 @6632 has 206 MA's), (Start: 14 @6662 has 23 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: JoeyJr_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for JoeyJr_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Juice456_10 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for Juice456_10:

(Start: 11 @6633 has 206 MA's), (15, 6678), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: Juniper1_9 Start: 6771, Stop: 7097, Start Num: 11

Candidate Starts for Juniper1_9:

(Start: 11 @6771 has 206 MA's), (15, 6816), (17, 6849), (20, 6873), (24, 6912), (27, 6945), (31, 7011),

Gene: Kanye_18 Start: 11039, Stop: 11419, Start Num: 10

Candidate Starts for Kanye_18:

(1, 10919), (Start: 8 @11030 has 25 MA's), (Start: 10 @11039 has 123 MA's), (16, 11138), (18, 11153), (23, 11216), (29, 11294), (30, 11297), (33, 11345),

Gene: Karhdo_9 Start: 6783, Stop: 7109, Start Num: 11

Candidate Starts for Karhdo_9:

(Start: 11 @6783 has 206 MA's), (15, 6828), (17, 6861), (20, 6885), (24, 6924), (27, 6957), (31, 7023),

Gene: Kenuha5_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Kenuha5_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Kersh_9 Start: 6772, Stop: 7098, Start Num: 11

Candidate Starts for Kersh_9:

(Start: 11 @6772 has 206 MA's), (Start: 14 @6802 has 23 MA's), (15, 6817), (17, 6850), (20, 6874), (24, 6913), (27, 6946), (31, 7012),

Gene: Kimberlium_10 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for Kimberlium_10:

(Start: 11 @6633 has 206 MA's), (15, 6678), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: Kimchi_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for Kimchi_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: KingJulian_9 Start: 6782, Stop: 7111, Start Num: 11

Candidate Starts for KingJulian_9:

(Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: KingMidas_9 Start: 6809, Stop: 7105, Start Num: 14

Candidate Starts for KingMidas_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Kingsley_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Kingsley_10:

(Start: 11 @6631 has 206 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Koella_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Koella_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Kostya_17 Start: 10589, Stop: 10969, Start Num: 10

Candidate Starts for Kostya_17:

(1, 10469), (Start: 8 @10580 has 25 MA's), (Start: 10 @10589 has 123 MA's), (13, 10640), (16, 10688), (18, 10703), (23, 10766), (29, 10844), (30, 10847), (33, 10895),

Gene: Krakatau_10 Start: 7433, Stop: 7762, Start Num: 11

Candidate Starts for Krakatau_10:

(Start: 11 @7433 has 206 MA's), (17, 7511), (20, 7535), (24, 7574), (27, 7607), (28, 7643), (31, 7673), (32, 7688),

Gene: Krili_44 Start: 22713, Stop: 23099, Start Num: 8

Candidate Starts for Krili_44:

(Start: 2 @22674 has 1 MA's), (3, 22680), (Start: 5 @22692 has 1 MA's), (Start: 8 @22713 has 25 MA's), (25, 22911), (35, 23085),

Gene: KristaRAM_10 Start: 7429, Stop: 7758, Start Num: 11

Candidate Starts for KristaRAM_10:

(4, 7363), (Start: 11 @7429 has 206 MA's), (17, 7507), (20, 7531), (24, 7570), (27, 7603), (28, 7639), (31, 7669), (32, 7684),

Gene: LastJedi_9 Start: 6801, Stop: 7097, Start Num: 14

Candidate Starts for LastJedi_9:

(Start: 11 @6771 has 206 MA's), (Start: 14 @6801 has 23 MA's), (15, 6816), (17, 6849), (20, 6873), (24, 6912), (27, 6945), (31, 7011),

Gene: Latretium_9 Start: 6768, Stop: 7094, Start Num: 11

Candidate Starts for Latretium_9:

(Start: 11 @6768 has 206 MA's), (Start: 14 @6798 has 23 MA's), (15, 6813), (17, 6846), (20, 6870), (24, 6909), (27, 6942), (31, 7008),

Gene: Leozinho_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Leozinho_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Leperchaun_9 Start: 6768, Stop: 7094, Start Num: 11

Candidate Starts for Leperchaun_9:

(Start: 11 @6768 has 206 MA's), (Start: 14 @6798 has 23 MA's), (15, 6813), (17, 6846), (20, 6870), (24, 6909), (27, 6942), (31, 7008),

Gene: LilMoolah_9 Start: 6780, Stop: 7106, Start Num: 11

Candidate Starts for LilMoolah_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: Lilac_18 Start: 9547, Stop: 9927, Start Num: 10

Candidate Starts for Lilac_18:

(1, 9427), (Start: 8 @9538 has 25 MA's), (Start: 10 @9547 has 123 MA's), (16, 9646), (18, 9661), (23, 9724), (29, 9802), (30, 9805), (33, 9853),

Gene: Lilizi_18 Start: 9758, Stop: 10138, Start Num: 10

Candidate Starts for Lilizi_18:

(1, 9638), (Start: 8 @9749 has 25 MA's), (Start: 10 @9758 has 123 MA's), (16, 9857), (18, 9872), (23, 9935), (29, 10013), (30, 10016), (33, 10064),

Gene: Lilpickle_15 Start: 9266, Stop: 9646, Start Num: 10

Candidate Starts for Lilpickle_15:

(1, 9146), (Start: 8 @9257 has 25 MA's), (Start: 10 @9266 has 123 MA's), (16, 9365), (18, 9380), (23, 9443), (29, 9521), (30, 9524), (33, 9572),

Gene: LittleShirley_10 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for LittleShirley_10:

(Start: 11 @6633 has 206 MA's), (15, 6678), (16, 6702), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: Lizziana_9 Start: 6811, Stop: 7107, Start Num: 14

Candidate Starts for Lizziana_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: Llama_9 Start: 6778, Stop: 7104, Start Num: 11

Candidate Starts for Llama_9:

(Start: 11 @6778 has 206 MA's), (15, 6823), (17, 6856), (20, 6880), (24, 6919), (27, 6952), (31, 7018),

Gene: Llij_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for Llij_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (17, 6874), (24, 6937), (27, 6970), (31, 7036),

Gene: LordVader_11 Start: 6627, Stop: 6953, Start Num: 11

Candidate Starts for LordVader_11:

(Start: 11 @6627 has 206 MA's), (15, 6672), (17, 6705), (20, 6729), (24, 6768), (27, 6801), (31, 6867),

Gene: Lorde_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Lorde_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Lucia_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Lucia_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: LunaBlu_9 Start: 6755, Stop: 7084, Start Num: 11

Candidate Starts for LunaBlu_9:

(Start: 11 @6755 has 206 MA's), (17, 6833), (20, 6857), (24, 6896), (27, 6929), (28, 6965), (31, 6995), (32, 7010),

Gene: LunaStella_10 Start: 7232, Stop: 7546, Start Num: 12

Candidate Starts for LunaStella_10:

(6, 7193), (Start: 12 @7232 has 4 MA's), (16, 7283), (19, 7304), (20, 7316), (27, 7391), (31, 7457), (32, 7472),

Gene: MISSy_16 Start: 10099, Stop: 10479, Start Num: 10

Candidate Starts for MISSy_16:

(1, 9979), (Start: 8 @10090 has 25 MA's), (Start: 10 @10099 has 123 MA's), (16, 10198), (18, 10213), (23, 10276), (29, 10354), (30, 10357), (33, 10405),

Gene: MPhalcon_16 Start: 10099, Stop: 10479, Start Num: 10

Candidate Starts for MPhalcon_16:

(1, 9979), (Start: 8 @10090 has 25 MA's), (Start: 10 @10099 has 123 MA's), (16, 10198), (18, 10213), (23, 10276), (29, 10354), (30, 10357), (33, 10405),

Gene: MadKillah_46 Start: 22935, Stop: 23321, Start Num: 8

Candidate Starts for MadKillah_46:

(Start: 2 @22896 has 1 MA's), (3, 22902), (Start: 5 @22914 has 1 MA's), (Start: 8 @22935 has 25 MA's), (25, 23133), (35, 23307),

Gene: MadMen_9 Start: 6795, Stop: 7121, Start Num: 11

Candidate Starts for MadMen_9:

(Start: 11 @6795 has 206 MA's), (15, 6840), (17, 6873), (20, 6897), (24, 6936), (27, 6969), (31, 7035),

Gene: MadamMonkfish_16 Start: 9477, Stop: 9857, Start Num: 10

Candidate Starts for MadamMonkfish_16:

(1, 9357), (Start: 8 @9468 has 25 MA's), (Start: 10 @9477 has 123 MA's), (16, 9576), (18, 9591), (23, 9654), (29, 9732), (30, 9735), (33, 9783),

Gene: Madiba_10 Start: 6630, Stop: 6956, Start Num: 11

Candidate Starts for Madiba_10:

(Start: 11 @6630 has 206 MA's), (15, 6675), (17, 6708), (20, 6732), (24, 6771), (27, 6804), (31, 6870),

Gene: Mahavrat_9 Start: 6768, Stop: 7094, Start Num: 11

Candidate Starts for Mahavrat_9:

(Start: 11 @6768 has 206 MA's), (Start: 14 @6798 has 23 MA's), (15, 6813), (17, 6846), (20, 6870), (24, 6909), (27, 6942), (31, 7008),

Gene: Manda_17 Start: 10559, Stop: 10939, Start Num: 10

Candidate Starts for Manda_17:

(1, 10439), (Start: 8 @10550 has 25 MA's), (Start: 10 @10559 has 123 MA's), (13, 10610), (16, 10658), (18, 10673), (23, 10736), (29, 10814), (30, 10817), (33, 10865),

Gene: Mandlovu_9 Start: 6769, Stop: 7095, Start Num: 11

Candidate Starts for Mandlovu_9:

(Start: 11 @6769 has 206 MA's), (15, 6814), (17, 6847), (20, 6871), (24, 6910), (27, 6943), (31, 7009),

Gene: Mantra_9 Start: 6826, Stop: 7122, Start Num: 14

Candidate Starts for Mantra_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (16, 6865), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: Maravista_9 Start: 6769, Stop: 7095, Start Num: 11

Candidate Starts for Maravista_9:

(Start: 11 @6769 has 206 MA's), (Start: 14 @6799 has 23 MA's), (15, 6814), (17, 6847), (20, 6871), (24, 6910), (27, 6943), (31, 7009),

Gene: Marker_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Marker_10:

(Start: 11 @6631 has 206 MA's), (Start: 14 @6661 has 23 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Marshmallow_17 Start: 10589, Stop: 10969, Start Num: 10

Candidate Starts for Marshmallow_17:

(1, 10469), (Start: 8 @10580 has 25 MA's), (Start: 10 @10589 has 123 MA's), (13, 10640), (16, 10688), (18, 10703), (23, 10766), (29, 10844), (30, 10847), (33, 10895),

Gene: Martik_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Martik_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: Mattes_9 Start: 6771, Stop: 7097, Start Num: 11

Candidate Starts for Mattes_9:

(Start: 11 @6771 has 206 MA's), (Start: 14 @6801 has 23 MA's), (15, 6816), (17, 6849), (20, 6873), (24, 6912), (27, 6945), (31, 7011),

Gene: Maxxinista_17 Start: 9526, Stop: 9906, Start Num: 10

Candidate Starts for Maxxinista_17:

(1, 9406), (Start: 8 @9517 has 25 MA's), (Start: 10 @9526 has 123 MA's), (16, 9625), (18, 9640), (23, 9703), (29, 9781), (30, 9784), (33, 9832),

Gene: Medindi_9 Start: 6770, Stop: 7099, Start Num: 11

Candidate Starts for Medindi_9:

(Start: 11 @6770 has 206 MA's), (17, 6848), (20, 6872), (24, 6911), (27, 6944), (28, 6980), (31, 7010), (32, 7025),

Gene: Melissauren88_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Melissauren88_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: MilanaBonita_10 Start: 7429, Stop: 7758, Start Num: 11

Candidate Starts for MilanaBonita_10:

(4, 7363), (Start: 11 @7429 has 206 MA's), (17, 7507), (20, 7531), (24, 7570), (27, 7603), (28, 7639), (31, 7669), (32, 7684),

Gene: MilleniumForce_10 Start: 7429, Stop: 7758, Start Num: 11

Candidate Starts for MilleniumForce_10:

(Start: 11 @7429 has 206 MA's), (17, 7507), (20, 7531), (24, 7570), (27, 7603), (28, 7639), (31, 7669), (32, 7684),

Gene: Mindy_17 Start: 10368, Stop: 10748, Start Num: 10

Candidate Starts for Mindy_17:

(1, 10248), (Start: 8 @10359 has 25 MA's), (Start: 10 @10368 has 123 MA's), (13, 10419), (16, 10467), (18, 10482), (23, 10545), (29, 10623), (30, 10626), (33, 10674),

Gene: MinionDave_10 Start: 7429, Stop: 7758, Start Num: 11

Candidate Starts for MinionDave_10:

(Start: 11 @7429 has 206 MA's), (17, 7507), (20, 7531), (24, 7570), (27, 7603), (28, 7639), (31, 7669), (32, 7684),

Gene: Miniwave_17 Start: 10787, Stop: 11167, Start Num: 10

Candidate Starts for Miniwave_17:

(1, 10667), (Start: 8 @10778 has 25 MA's), (Start: 10 @10787 has 123 MA's), (13, 10838), (16, 10886), (18, 10901), (23, 10964), (29, 11042), (30, 11045), (33, 11093),

Gene: Minnie_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for Minnie_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: Misfit_16 Start: 10143, Stop: 10523, Start Num: 10

Candidate Starts for Misfit_16:

(1, 10023), (Start: 8 @10134 has 25 MA's), (Start: 10 @10143 has 123 MA's), (16, 10242), (18, 10257), (23, 10320), (29, 10398), (30, 10401), (33, 10449),

Gene: Misha28_10 Start: 6635, Stop: 6961, Start Num: 11

Candidate Starts for Misha28_10:

(Start: 11 @6635 has 206 MA's), (Start: 14 @6665 has 23 MA's), (15, 6680), (17, 6713), (20, 6737), (24, 6776), (27, 6809), (31, 6875),

Gene: MisterCuddles_9 Start: 6785, Stop: 7111, Start Num: 11

Candidate Starts for MisterCuddles_9:

(Start: 11 @6785 has 206 MA's), (Start: 14 @6815 has 23 MA's), (15, 6830), (17, 6863), (20, 6887), (24, 6926), (27, 6959), (31, 7025),

Gene: Modragons_9 Start: 6778, Stop: 7104, Start Num: 11

Candidate Starts for Modragons_9:

(Start: 11 @6778 has 206 MA's), (15, 6823), (17, 6856), (20, 6880), (24, 6919), (27, 6952), (31, 7018),

Gene: Moldemort_17 Start: 9801, Stop: 10181, Start Num: 10

Candidate Starts for Moldemort_17:

(1, 9681), (Start: 8 @9792 has 25 MA's), (Start: 10 @9801 has 123 MA's), (16, 9900), (18, 9915), (23, 9978), (29, 10056), (30, 10059), (33, 10107),

Gene: MollyToe_17 Start: 10761, Stop: 11141, Start Num: 10

Candidate Starts for MollyToe_17:

(1, 10641), (Start: 8 @10752 has 25 MA's), (Start: 10 @10761 has 123 MA's), (13, 10812), (16, 10860), (18, 10875), (23, 10938), (29, 11016), (30, 11019), (33, 11067),

Gene: Moonbeam_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Moonbeam_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (16, 6850), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: Mori_44 Start: 22584, Stop: 22970, Start Num: 8

Candidate Starts for Mori_44:

(Start: 2 @22545 has 1 MA's), (3, 22551), (Start: 5 @22563 has 1 MA's), (Start: 8 @22584 has 25 MA's), (25, 22782), (35, 22956),

Gene: Mosby_16 Start: 10097, Stop: 10477, Start Num: 10

Candidate Starts for Mosby_16:

(1, 9977), (Start: 8 @10088 has 25 MA's), (Start: 10 @10097 has 123 MA's), (13, 10148), (16, 10196), (18, 10211), (23, 10274), (29, 10352), (30, 10355), (33, 10403),

Gene: Mova_10 Start: 6634, Stop: 6960, Start Num: 11

Candidate Starts for Mova_10:

(Start: 11 @6634 has 206 MA's), (15, 6679), (16, 6703), (17, 6712), (20, 6736), (24, 6775), (27, 6808), (31, 6874),

Gene: Mozy_10 Start: 6629, Stop: 6958, Start Num: 11

Candidate Starts for Mozy_10:

(Start: 11 @6629 has 206 MA's), (17, 6707), (20, 6731), (24, 6770), (26, 6794), (27, 6803), (28, 6839), (31, 6869), (32, 6884),

Gene: Ms6_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Ms6_9:

(4, 6715), (Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: MulchExplorer_11 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for MulchExplorer_11:

(Start: 11 @6633 has 206 MA's), (15, 6678), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: MulchSalad_9 Start: 6812, Stop: 7108, Start Num: 14

Candidate Starts for MulchSalad_9:

(Start: 11 @6782 has 206 MA's), (Start: 14 @6812 has 23 MA's), (15, 6827), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (31, 7022),

Gene: Murai_45 Start: 22774, Stop: 23160, Start Num: 8

Candidate Starts for Murai_45:

(Start: 2 @22735 has 1 MA's), (3, 22741), (Start: 5 @22753 has 1 MA's), (Start: 8 @22774 has 25 MA's), (25, 22972), (35, 23146),

Gene: Murica_15 Start: 10055, Stop: 10435, Start Num: 10

Candidate Starts for Murica_15:

(1, 9935), (Start: 8 @10046 has 25 MA's), (Start: 10 @10055 has 123 MA's), (16, 10154), (18, 10169), (23, 10232), (29, 10310), (30, 10313), (33, 10361),

Gene: Murphy_16 Start: 9518, Stop: 9898, Start Num: 10

Candidate Starts for Murphy_16:

(1, 9398), (Start: 8 @9509 has 25 MA's), (Start: 10 @9518 has 123 MA's), (16, 9617), (18, 9632), (23, 9695), (29, 9773), (30, 9776), (33, 9824),

Gene: Mutaforma13_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Mutaforma13_9:

(Start: 11 @6779 has 206 MA's), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019), (32, 7034),

Gene: Mwanjiwa_9 Start: 6754, Stop: 7080, Start Num: 11

Candidate Starts for Mwanjiwa_9:

(Start: 11 @6754 has 206 MA's), (Start: 14 @6784 has 23 MA's), (15, 6799), (17, 6832), (20, 6856), (24, 6895), (27, 6928), (28, 6964), (31, 6994), (32, 7009),

Gene: Myrale_17 Start: 10460, Stop: 10840, Start Num: 10

Candidate Starts for Myrale_17:

(1, 10340), (Start: 8 @10451 has 25 MA's), (Start: 10 @10460 has 123 MA's), (13, 10511), (16, 10559), (18, 10574), (23, 10637), (29, 10715), (30, 10718), (33, 10766),

Gene: Nala_16 Start: 10097, Stop: 10477, Start Num: 10

Candidate Starts for Nala_16:

(1, 9977), (Start: 8 @10088 has 25 MA's), (Start: 10 @10097 has 123 MA's), (13, 10148), (16, 10196), (18, 10211), (23, 10274), (29, 10352), (30, 10355), (33, 10403),

Gene: NelitzaMV_17 Start: 10659, Stop: 11039, Start Num: 10

Candidate Starts for NelitzaMV_17:

(1, 10539), (Start: 8 @10650 has 25 MA's), (Start: 10 @10659 has 123 MA's), (13, 10710), (16, 10758), (18, 10773), (23, 10836), (29, 10914), (30, 10917), (33, 10965),

Gene: NewHope4_9 Start: 6755, Stop: 7084, Start Num: 11

Candidate Starts for NewHope4_9:

(Start: 11 @6755 has 206 MA's), (17, 6833), (20, 6857), (24, 6896), (27, 6929), (28, 6965), (31, 6995), (32, 7010),

Gene: NiebruSaylor_44 Start: 22585, Stop: 22971, Start Num: 8

Candidate Starts for NiebruSaylor_44:

(Start: 2 @22546 has 1 MA's), (3, 22552), (Start: 5 @22564 has 1 MA's), (Start: 8 @22585 has 25 MA's), (25, 22783), (35, 22957),

Gene: Nimbo_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Nimbo_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Nimrod_16 Start: 10298, Stop: 10678, Start Num: 10

Candidate Starts for Nimrod_16:

(1, 10178), (Start: 8 @10289 has 25 MA's), (Start: 10 @10298 has 123 MA's), (16, 10397), (18, 10412), (23, 10475), (29, 10553), (30, 10556), (33, 10604),

Gene: Nitzel_10 Start: 7432, Stop: 7758, Start Num: 11

Candidate Starts for Nitzel_10:

(Start: 11 @7432 has 206 MA's), (Start: 14 @7462 has 23 MA's), (15, 7477), (17, 7510), (20, 7534), (24, 7573), (27, 7606), (31, 7672),

Gene: Nivrat_9 Start: 6780, Stop: 7106, Start Num: 11

Candidate Starts for Nivrat_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: NoSleep_17 Start: 9798, Stop: 10178, Start Num: 10

Candidate Starts for NoSleep_17:

(1, 9678), (Start: 8 @9789 has 25 MA's), (Start: 10 @9798 has 123 MA's), (16, 9897), (18, 9912), (23, 9975), (29, 10053), (30, 10056), (33, 10104),

Gene: NormanBulbieJr_9 Start: 6767, Stop: 7093, Start Num: 11

Candidate Starts for NormanBulbieJr_9:

(Start: 11 @6767 has 206 MA's), (Start: 14 @6797 has 23 MA's), (15, 6812), (17, 6845), (20, 6869), (24, 6908), (27, 6941), (31, 7007),

Gene: Ochi17_9 Start: 6778, Stop: 7104, Start Num: 11

Candidate Starts for Ochi17_9:

(Start: 11 @6778 has 206 MA's), (15, 6823), (17, 6856), (20, 6880), (24, 6919), (27, 6952), (31, 7018),

Gene: OfUltron_9 Start: 6778, Stop: 7104, Start Num: 11

Candidate Starts for OfUltron_9:

(Start: 11 @6778 has 206 MA's), (15, 6823), (17, 6856), (20, 6880), (24, 6919), (27, 6952), (31, 7018),

Gene: Ogopogo_12 Start: 7034, Stop: 7360, Start Num: 11

Candidate Starts for Ogopogo_12:

(Start: 11 @7034 has 206 MA's), (Start: 14 @7064 has 23 MA's), (15, 7079), (17, 7112), (20, 7136), (24, 7175), (27, 7208), (31, 7274),

Gene: Oksu_10 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for Oksu_10:

(Start: 11 @6633 has 206 MA's), (15, 6678), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: OldBen_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for OldBen_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: OlympiaSaint_9 Start: 6780, Stop: 7106, Start Num: 11

Candidate Starts for OlympiaSaint_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: OrionPax_17 Start: 9801, Stop: 10181, Start Num: 10

Candidate Starts for OrionPax_17:

(1, 9681), (Start: 8 @9792 has 25 MA's), (Start: 10 @9801 has 123 MA's), (16, 9900), (18, 9915), (23, 9978), (29, 10056), (30, 10059), (33, 10107),

Gene: Ovechkin_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Ovechkin_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: OwlsT2W_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for OwlsT2W_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: PHappiness_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for PHappiness_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: PMC_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for PMC_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (17, 6874), (24, 6937), (27, 6970), (31, 7036),

Gene: Pacc40_9 Start: 6809, Stop: 7105, Start Num: 14

Candidate Starts for Pacc40_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Palpatine_16 Start: 10094, Stop: 10474, Start Num: 10

Candidate Starts for Palpatine_16:

(1, 9974), (Start: 8 @10085 has 25 MA's), (Start: 10 @10094 has 123 MA's), (13, 10145), (16, 10193), (18, 10208), (23, 10271), (29, 10349), (30, 10352), (33, 10400),

Gene: Paperbeatsrock_18 Start: 11033, Stop: 11413, Start Num: 10

Candidate Starts for Paperbeatsrock_18:

(1, 10913), (Start: 8 @11024 has 25 MA's), (Start: 10 @11033 has 123 MA's), (16, 11132), (18, 11147), (23, 11210), (29, 11288), (30, 11291), (33, 11339),

Gene: Pat3_16 Start: 9301, Stop: 9681, Start Num: 10

Candidate Starts for Pat3_16:

(1, 9181), (Start: 8 @9292 has 25 MA's), (Start: 10 @9301 has 123 MA's), (16, 9400), (18, 9415), (23, 9478), (29, 9556), (30, 9559), (33, 9607),

Gene: PatoPoderoso_9 Start: 6782, Stop: 7111, Start Num: 11

Candidate Starts for PatoPoderoso_9:

(Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: Peridot_11 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Peridot_11:

(Start: 11 @6632 has 206 MA's), (15, 6677), (16, 6701), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Petra64142_17 Start: 10514, Stop: 10894, Start Num: 10

Candidate Starts for Petra64142_17:

(1, 10394), (Start: 8 @10505 has 25 MA's), (Start: 10 @10514 has 123 MA's), (16, 10613), (18, 10628), (23, 10691), (29, 10769), (30, 10772), (33, 10820),

Gene: Phaja_16 Start: 10249, Stop: 10629, Start Num: 10

Candidate Starts for Phaja_16:

(1, 10129), (Start: 8 @10240 has 25 MA's), (Start: 10 @10249 has 123 MA's), (13, 10300), (16, 10348), (18, 10363), (23, 10426), (29, 10504), (30, 10507), (33, 10555),

Gene: Phalconet_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Phalconet_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Phanphagia_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Phanphagia_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Pharsalus_17 Start: 10833, Stop: 11213, Start Num: 10

Candidate Starts for Pharsalus_17:

(1, 10713), (Start: 8 @10824 has 25 MA's), (Start: 10 @10833 has 123 MA's), (16, 10932), (18, 10947), (23, 11010), (29, 11088), (30, 11091), (33, 11139),

Gene: Phasih_9 Start: 6795, Stop: 7121, Start Num: 11

Candidate Starts for Phasih_9:

(Start: 11 @6795 has 206 MA's), (Start: 14 @6825 has 23 MA's), (15, 6840), (17, 6873), (20, 6897), (24, 6936), (27, 6969), (31, 7035), (32, 7050),

Gene: PhatBacter_16 Start: 10099, Stop: 10479, Start Num: 10

Candidate Starts for PhatBacter_16:

(1, 9979), (Start: 8 @10090 has 25 MA's), (Start: 10 @10099 has 123 MA's), (16, 10198), (18, 10213), (23, 10276), (29, 10354), (30, 10357), (33, 10405),

Gene: Phatniss_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Phatniss_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (24, 6920), (27, 6953), (31, 7019),

Gene: Phaux_15 Start: 10097, Stop: 10477, Start Num: 10

Candidate Starts for Phaux_15:

(1, 9977), (Start: 8 @10088 has 25 MA's), (Start: 10 @10097 has 123 MA's), (13, 10148), (16, 10196), (18, 10211), (23, 10274), (29, 10352), (30, 10355), (33, 10403),

Gene: PhesterPhotato_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for PhesterPhotato_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Philus_9 Start: 6810, Stop: 7106, Start Num: 14

Candidate Starts for Philus_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: PhlipPhlop_9 Start: 6826, Stop: 7122, Start Num: 14

Candidate Starts for PhlipPhlop_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (16, 6865), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: Phrux_16 Start: 9797, Stop: 10177, Start Num: 10

Candidate Starts for Phrux_16:

(1, 9677), (Start: 8 @9788 has 25 MA's), (Start: 10 @9797 has 123 MA's), (16, 9896), (18, 9911), (23, 9974), (29, 10052), (30, 10055), (33, 10103),

Gene: Piper2020_10 Start: 6664, Stop: 6960, Start Num: 14

Candidate Starts for Piper2020_10:

(Start: 11 @6634 has 206 MA's), (Start: 14 @6664 has 23 MA's), (15, 6679), (17, 6712), (20, 6736), (24, 6775), (27, 6808), (31, 6874),

Gene: Pippy_9 Start: 6797, Stop: 7093, Start Num: 14

Candidate Starts for Pippy_9:

(Start: 11 @6767 has 206 MA's), (Start: 14 @6797 has 23 MA's), (15, 6812), (17, 6845), (20, 6869), (24, 6908), (27, 6941), (31, 7007),

Gene: Plumbus_10 Start: 6633, Stop: 6959, Start Num: 11
Candidate Starts for Plumbus_10:
(Start: 11 @6633 has 206 MA's), (15, 6678), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: Poenanya_9 Start: 6809, Stop: 7105, Start Num: 14
Candidate Starts for Poenanya_9:
(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881),
(24, 6920), (27, 6953), (31, 7019),

Gene: Policronamos_16 Start: 10099, Stop: 10479, Start Num: 10
Candidate Starts for Policronamos_16:
(1, 9979), (Start: 8 @10090 has 25 MA's), (Start: 10 @10099 has 123 MA's), (16, 10198), (18, 10213),
(23, 10276), (29, 10354), (30, 10357), (33, 10405),

Gene: Polka14_9 Start: 6780, Stop: 7106, Start Num: 11
Candidate Starts for Polka14_9:
(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882),
(24, 6921), (27, 6954), (31, 7020),

Gene: Pollywog_10 Start: 6632, Stop: 6958, Start Num: 11
Candidate Starts for Pollywog_10:
(Start: 11 @6632 has 206 MA's), (15, 6677), (16, 6701), (17, 6710), (20, 6734), (24, 6773), (27, 6806),
(31, 6872),

Gene: Polo2Bam_10 Start: 6755, Stop: 7084, Start Num: 11
Candidate Starts for Polo2Bam_10:
(Start: 11 @6755 has 206 MA's), (17, 6833), (20, 6857), (24, 6896), (27, 6929), (28, 6965), (31, 6995),
(32, 7010),

Gene: PopTart_9 Start: 6781, Stop: 7110, Start Num: 11
Candidate Starts for PopTart_9:
(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021),
(32, 7036),

Gene: Porky_15 Start: 9371, Stop: 9751, Start Num: 10
Candidate Starts for Porky_15:
(1, 9251), (Start: 8 @9362 has 25 MA's), (Start: 10 @9371 has 123 MA's), (16, 9470), (18, 9485), (23,
9548), (29, 9626), (30, 9629), (33, 9677),

Gene: Priscilla_9 Start: 6780, Stop: 7106, Start Num: 11
Candidate Starts for Priscilla_9:
(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882),
(24, 6921), (27, 6954), (31, 7020),

Gene: Pumpkin_17 Start: 9614, Stop: 9994, Start Num: 10
Candidate Starts for Pumpkin_17:
(1, 9494), (Start: 8 @9605 has 25 MA's), (Start: 10 @9614 has 123 MA's), (16, 9713), (18, 9728), (23,
9791), (29, 9869), (30, 9872), (33, 9920),

Gene: Quallification_18 Start: 10796, Stop: 11176, Start Num: 10
Candidate Starts for Quallification_18:
(1, 10676), (Start: 8 @10787 has 25 MA's), (Start: 10 @10796 has 123 MA's), (13, 10847), (16, 10895),
(18, 10910), (23, 10973), (29, 11051), (30, 11054), (33, 11102),

Gene: QuickMath_9 Start: 6782, Stop: 7111, Start Num: 11

Candidate Starts for QuickMath_9:

(4, 6716), (Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: Quico_10 Start: 6627, Stop: 6953, Start Num: 11

Candidate Starts for Quico_10:

(Start: 11 @6627 has 206 MA's), (15, 6672), (17, 6705), (20, 6729), (24, 6768), (27, 6801), (31, 6867),

Gene: Radiance_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Radiance_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Rakim_18 Start: 10703, Stop: 11083, Start Num: 10

Candidate Starts for Rakim_18:

(1, 10583), (Start: 8 @10694 has 25 MA's), (Start: 10 @10703 has 123 MA's), (13, 10754), (16, 10802), (18, 10817), (23, 10880), (29, 10958), (30, 10961), (33, 11009),

Gene: Ramsey_10 Start: 6661, Stop: 6957, Start Num: 14

Candidate Starts for Ramsey_10:

(Start: 11 @6631 has 206 MA's), (Start: 14 @6661 has 23 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: RedBird_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for RedBird_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Renaud18_10 Start: 7109, Stop: 7423, Start Num: 12

Candidate Starts for Renaud18_10:

(6, 7070), (Start: 12 @7109 has 4 MA's), (19, 7181), (20, 7193), (21, 7205), (22, 7208), (27, 7268), (31, 7334),

Gene: Rialto_10 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for Rialto_10:

(Start: 11 @6633 has 206 MA's), (Start: 14 @6663 has 23 MA's), (15, 6678), (16, 6702), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: Rimmer_16 Start: 10156, Stop: 10536, Start Num: 10

Candidate Starts for Rimmer_16:

(1, 10036), (Start: 8 @10147 has 25 MA's), (Start: 10 @10156 has 123 MA's), (13, 10207), (16, 10255), (18, 10270), (23, 10333), (29, 10411), (30, 10414), (33, 10462),

Gene: Rita_9 Start: 6782, Stop: 7108, Start Num: 11

Candidate Starts for Rita_9:

(Start: 11 @6782 has 206 MA's), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (28, 6992), (31, 7022), (32, 7037),

Gene: RitaG_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for RitaG_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: RiverMonster_16 Start: 9802, Stop: 10191, Start Num: 8

Candidate Starts for RiverMonster_16:

(1, 9691), (Start: 8 @9802 has 25 MA's), (Start: 10 @9811 has 123 MA's), (16, 9910), (18, 9925), (23, 9988), (29, 10066), (30, 10069), (33, 10117),

Gene: Rockne_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for Rockne_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (17, 6874), (24, 6937), (27, 6970), (31, 7036),

Gene: RockyHorror_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for RockyHorror_10:

(Start: 11 @6631 has 206 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Royals2015_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Royals2015_9:

(6, 6736), (Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Ruby_9 Start: 6785, Stop: 7111, Start Num: 11

Candidate Starts for Ruby_9:

(Start: 11 @6785 has 206 MA's), (Start: 14 @6815 has 23 MA's), (15, 6830), (17, 6863), (20, 6887), (24, 6926), (27, 6959), (31, 7025),

Gene: Ryadel_49 Start: 24037, Stop: 24444, Start Num: 5

Candidate Starts for Ryadel_49:

(Start: 2 @24019 has 1 MA's), (3, 24025), (Start: 5 @24037 has 1 MA's), (Start: 8 @24058 has 25 MA's), (25, 24256), (34, 24406), (35, 24430),

Gene: SG4_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for SG4_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Saal_9 Start: 6768, Stop: 7094, Start Num: 11

Candidate Starts for Saal_9:

(Start: 11 @6768 has 206 MA's), (Start: 14 @6798 has 23 MA's), (15, 6813), (17, 6846), (20, 6870), (24, 6909), (27, 6942), (31, 7008),

Gene: Sabbb_9 Start: 6783, Stop: 7109, Start Num: 11

Candidate Starts for Sabbb_9:

(Start: 11 @6783 has 206 MA's), (15, 6828), (17, 6861), (20, 6885), (24, 6924), (27, 6957), (31, 7023),

Gene: Saints25_17 Start: 9720, Stop: 10100, Start Num: 10

Candidate Starts for Saints25_17:

(1, 9600), (Start: 8 @9711 has 25 MA's), (Start: 10 @9720 has 123 MA's), (16, 9819), (18, 9834), (23, 9897), (29, 9975), (30, 9978), (33, 10026),

Gene: Sandalphon_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for Sandalphon_9:

(Start: 11 @6796 has 206 MA's), (Start: 14 @6826 has 23 MA's), (15, 6841), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: Sarma624_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Sarma624_10:

(Start: 11 @6631 has 206 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Sassafras_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Sassafras_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Sassay_16 Start: 10097, Stop: 10477, Start Num: 10

Candidate Starts for Sassay_16:

(1, 9977), (Start: 8 @10088 has 25 MA's), (Start: 10 @10097 has 123 MA's), (13, 10148), (16, 10196), (18, 10211), (23, 10274), (29, 10352), (30, 10355), (33, 10403),

Gene: SassyB_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for SassyB_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: SchoolBus_45 Start: 22999, Stop: 23385, Start Num: 8

Candidate Starts for SchoolBus_45:

(Start: 2 @22960 has 1 MA's), (3, 22966), (Start: 5 @22978 has 1 MA's), (7, 22993), (Start: 8 @22999 has 25 MA's), (25, 23197), (35, 23371),

Gene: Schuy_46 Start: 22932, Stop: 23318, Start Num: 8

Candidate Starts for Schuy_46:

(Start: 2 @22893 has 1 MA's), (3, 22899), (Start: 5 @22911 has 1 MA's), (Start: 8 @22932 has 25 MA's), (25, 23130), (35, 23304),

Gene: Scottish_9 Start: 6779, Stop: 7105, Start Num: 11

Candidate Starts for Scottish_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Seabastian_9 Start: 6778, Stop: 7104, Start Num: 11

Candidate Starts for Seabastian_9:

(Start: 11 @6778 has 206 MA's), (15, 6823), (17, 6856), (20, 6880), (24, 6919), (27, 6952), (31, 7018),

Gene: Seagreen_10 Start: 6662, Stop: 6958, Start Num: 14

Candidate Starts for Seagreen_10:

(Start: 11 @6632 has 206 MA's), (Start: 14 @6662 has 23 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: ShamWow_17 Start: 10590, Stop: 10970, Start Num: 10

Candidate Starts for ShamWow_17:

(1, 10470), (Start: 8 @10581 has 25 MA's), (Start: 10 @10590 has 123 MA's), (13, 10641), (16, 10689), (18, 10704), (23, 10767), (29, 10845), (30, 10848), (33, 10896),

Gene: Shauna1_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Shauna1_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: ShereKhan_18 Start: 11039, Stop: 11419, Start Num: 10

Candidate Starts for ShereKhan_18:

(1, 10919), (Start: 8 @11030 has 25 MA's), (Start: 10 @11039 has 123 MA's), (16, 11138), (18, 11153), (23, 11216), (29, 11294), (30, 11297), (33, 11345),

Gene: ShiLan_9 Start: 6780, Stop: 7106, Start Num: 11

Candidate Starts for ShiLan_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: Shida_45 Start: 22839, Stop: 23225, Start Num: 8

Candidate Starts for Shida_45:

(Start: 2 @22800 has 1 MA's), (3, 22806), (Start: 5 @22818 has 1 MA's), (Start: 8 @22839 has 25 MA's), (25, 23037), (35, 23211),

Gene: ShowerHandel_9 Start: 6811, Stop: 7107, Start Num: 14

Candidate Starts for ShowerHandel_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: ShroomBoi_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for ShroomBoi_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: SiSi_9 Start: 6766, Stop: 7095, Start Num: 11

Candidate Starts for SiSi_9:

(4, 6700), (Start: 11 @6766 has 206 MA's), (17, 6844), (20, 6868), (24, 6907), (27, 6940), (28, 6976), (31, 7006), (32, 7021),

Gene: Simpliphy_17 Start: 9801, Stop: 10181, Start Num: 10

Candidate Starts for Simpliphy_17:

(1, 9681), (Start: 8 @9792 has 25 MA's), (Start: 10 @9801 has 123 MA's), (16, 9900), (18, 9915), (23, 9978), (29, 10056), (30, 10059), (33, 10107),

Gene: SimranZ1_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for SimranZ1_10:

(Start: 11 @6632 has 206 MA's), (Start: 14 @6662 has 23 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: SirDuracell_16 Start: 9256, Stop: 9636, Start Num: 10

Candidate Starts for SirDuracell_16:

(1, 9136), (Start: 8 @9247 has 25 MA's), (Start: 10 @9256 has 123 MA's), (13, 9307), (16, 9355), (18, 9370), (23, 9433), (29, 9511), (30, 9514), (33, 9562),

Gene: Slim_10 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for Slim_10:

(Start: 11 @6633 has 206 MA's), (Start: 14 @6663 has 23 MA's), (15, 6678), (16, 6702), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: Smooch_47 Start: 24127, Stop: 24513, Start Num: 8

Candidate Starts for Smooch_47:

(Start: 2 @24088 has 1 MA's), (3, 24094), (Start: 5 @24106 has 1 MA's), (Start: 8 @24127 has 25 MA's), (25, 24325), (35, 24499),

Gene: SophKB_17 Start: 10589, Stop: 10969, Start Num: 10

Candidate Starts for SophKB_17:

(1, 10469), (Start: 8 @10580 has 25 MA's), (Start: 10 @10589 has 123 MA's), (13, 10640), (16, 10688), (18, 10703), (23, 10766), (29, 10844), (30, 10847), (33, 10895),

Gene: Sotrice96_17 Start: 10545, Stop: 10925, Start Num: 10

Candidate Starts for Sotrice96_17:

(1, 10425), (Start: 8 @10536 has 25 MA's), (Start: 10 @10545 has 123 MA's), (13, 10596), (16, 10644), (18, 10659), (23, 10722), (29, 10800), (30, 10803), (33, 10851),

Gene: Sparkdehlily_9 Start: 6795, Stop: 7121, Start Num: 11

Candidate Starts for Sparkdehlily_9:

(Start: 11 @6795 has 206 MA's), (15, 6840), (17, 6873), (20, 6897), (24, 6936), (27, 6969), (31, 7035),

Gene: Spartacus_9 Start: 6767, Stop: 7093, Start Num: 11

Candidate Starts for Spartacus_9:

(Start: 11 @6767 has 206 MA's), (17, 6845), (20, 6869), (24, 6908), (27, 6941), (31, 7007), (32, 7022),

Gene: Spikelee_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Spikelee_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Spoonbill_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for Spoonbill_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: Squirty_10 Start: 6630, Stop: 6956, Start Num: 11

Candidate Starts for Squirty_10:

(Start: 11 @6630 has 206 MA's), (Start: 14 @6660 has 23 MA's), (15, 6675), (17, 6708), (20, 6732), (24, 6771), (27, 6804), (31, 6870),

Gene: StAnnes_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for StAnnes_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Stank_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for Stank_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Stap_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Stap_10:

(Start: 11 @6632 has 206 MA's), (Start: 14 @6662 has 23 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Starcevich_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Starcevich_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (16, 6701), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Stark_17 Start: 9814, Stop: 10194, Start Num: 10

Candidate Starts for Stark_17:

(1, 9694), (Start: 8 @9805 has 25 MA's), (Start: 10 @9814 has 123 MA's), (16, 9913), (18, 9928), (23, 9991), (29, 10069), (30, 10072), (33, 10120),

Gene: StellaBean_17 Start: 10589, Stop: 10969, Start Num: 10

Candidate Starts for StellaBean_17:

(1, 10469), (Start: 8 @10580 has 25 MA's), (Start: 10 @10589 has 123 MA's), (13, 10640), (16, 10688), (18, 10703), (23, 10766), (29, 10844), (30, 10847), (33, 10895),

Gene: StolenFromERC_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for StolenFromERC_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Strokeseat_9 Start: 6769, Stop: 7095, Start Num: 11

Candidate Starts for Strokeseat_9:

(Start: 11 @6769 has 206 MA's), (15, 6814), (17, 6847), (20, 6871), (24, 6910), (27, 6943), (31, 7009),

Gene: SuperGrey_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for SuperGrey_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: SwagPiggett_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for SwagPiggett_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: TBrady12_18 Start: 10043, Stop: 10423, Start Num: 10

Candidate Starts for TBrady12_18:

(1, 9923), (Start: 8 @10034 has 25 MA's), (Start: 10 @10043 has 123 MA's), (16, 10142), (18, 10157), (23, 10220), (29, 10298), (30, 10301), (33, 10349),

Gene: TChen_10 Start: 7232, Stop: 7546, Start Num: 12

Candidate Starts for TChen_10:

(6, 7193), (Start: 12 @7232 has 4 MA's), (16, 7283), (19, 7304), (20, 7316), (27, 7391), (31, 7457), (32, 7472),

Gene: TDanisky_9 Start: 6795, Stop: 7121, Start Num: 11

Candidate Starts for TDanisky_9:

(Start: 11 @6795 has 206 MA's), (15, 6840), (17, 6873), (20, 6897), (24, 6936), (27, 6969), (31, 7035),

Gene: Taj_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Taj_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Tarkin_18 Start: 11042, Stop: 11422, Start Num: 10

Candidate Starts for Tarkin_18:

(1, 10922), (Start: 8 @11033 has 25 MA's), (Start: 10 @11042 has 123 MA's), (16, 11141), (18, 11156), (23, 11219), (29, 11297), (30, 11300), (33, 11348),

Gene: Tchotchke_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Tchotchke_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: TeamEdward_17 Start: 10761, Stop: 11141, Start Num: 10

Candidate Starts for TeamEdward_17:

(1, 10641), (Start: 8 @10752 has 25 MA's), (Start: 10 @10761 has 123 MA's), (16, 10860), (18, 10875), (23, 10938), (29, 11016), (30, 11019), (33, 11067),

Gene: TeardropMSU_16 Start: 10497, Stop: 10877, Start Num: 10

Candidate Starts for TeardropMSU_16:

(1, 10377), (Start: 8 @10488 has 25 MA's), (Start: 10 @10497 has 123 MA's), (13, 10548), (16, 10596), (18, 10611), (23, 10674), (29, 10752), (30, 10755), (33, 10803),

Gene: Teaspoon_16 Start: 9496, Stop: 9876, Start Num: 10

Candidate Starts for Teaspoon_16:

(1, 9376), (Start: 8 @9487 has 25 MA's), (Start: 10 @9496 has 123 MA's), (16, 9595), (18, 9610), (23, 9673), (29, 9751), (30, 9754), (33, 9802),

Gene: TelAviv_42 Start: 22993, Stop: 23379, Start Num: 8

Candidate Starts for TelAviv_42:

(Start: 2 @22954 has 1 MA's), (3, 22960), (Start: 5 @22972 has 1 MA's), (7, 22987), (Start: 8 @22993 has 25 MA's), (25, 23191), (35, 23365),

Gene: Terminus_16 Start: 10143, Stop: 10523, Start Num: 10

Candidate Starts for Terminus_16:

(1, 10023), (Start: 8 @10134 has 25 MA's), (Start: 10 @10143 has 123 MA's), (16, 10242), (18, 10257), (23, 10320), (29, 10398), (30, 10401), (33, 10449),

Gene: ThetaBob_10 Start: 7112, Stop: 7426, Start Num: 12

Candidate Starts for ThetaBob_10:

(6, 7073), (Start: 12 @7112 has 4 MA's), (19, 7184), (20, 7196), (21, 7208), (22, 7211), (27, 7271), (31, 7337),

Gene: Thimble_17 Start: 9546, Stop: 9926, Start Num: 10

Candidate Starts for Thimble_17:

(1, 9426), (Start: 8 @9537 has 25 MA's), (Start: 10 @9546 has 123 MA's), (13, 9597), (16, 9645), (18, 9660), (23, 9723), (29, 9801), (30, 9804), (33, 9852),

Gene: Thresher_17 Start: 10804, Stop: 11184, Start Num: 10

Candidate Starts for Thresher_17:

(1, 10684), (Start: 8 @10795 has 25 MA's), (Start: 10 @10804 has 123 MA's), (16, 10903), (18, 10918), (23, 10981), (29, 11059), (30, 11062), (33, 11110),

Gene: Tomaszewski_16 Start: 10190, Stop: 10570, Start Num: 10

Candidate Starts for Tomaszewski_16:

(1, 10070), (Start: 8 @10181 has 25 MA's), (Start: 10 @10190 has 123 MA's), (13, 10241), (16, 10289), (18, 10304), (23, 10367), (29, 10445), (30, 10448), (33, 10496),

Gene: TootsiePop_10 Start: 6635, Stop: 6961, Start Num: 11

Candidate Starts for TootsiePop_10:

(Start: 11 @6635 has 206 MA's), (Start: 14 @6665 has 23 MA's), (15, 6680), (17, 6713), (20, 6737), (24, 6776), (27, 6809), (31, 6875),

Gene: Tootsieroll_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for Tootsieroll_10:

(Start: 11 @6632 has 206 MA's), (Start: 14 @6662 has 23 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: Topiatin_11 Start: 7431, Stop: 7760, Start Num: 11

Candidate Starts for Topiatin_11:

(4, 7365), (Start: 11 @7431 has 206 MA's), (17, 7509), (20, 7533), (24, 7572), (27, 7605), (28, 7641), (31, 7671), (32, 7686),

Gene: Toron_10 Start: 7232, Stop: 7546, Start Num: 12

Candidate Starts for Toron_10:

(6, 7193), (Start: 12 @7232 has 4 MA's), (19, 7304), (20, 7316), (22, 7331), (27, 7391), (31, 7457), (32, 7472),

Gene: Totinger_10 Start: 6633, Stop: 6959, Start Num: 11

Candidate Starts for Totinger_10:

(Start: 11 @6633 has 206 MA's), (Start: 14 @6663 has 23 MA's), (15, 6678), (16, 6702), (17, 6711), (20, 6735), (24, 6774), (27, 6807), (31, 6873),

Gene: Toto_17 Start: 10590, Stop: 10970, Start Num: 10

Candidate Starts for Toto_17:

(1, 10470), (Start: 8 @10581 has 25 MA's), (Start: 10 @10590 has 123 MA's), (13, 10641), (16, 10689), (18, 10704), (23, 10767), (29, 10845), (30, 10848), (33, 10896),

Gene: Traaww1_15 Start: 10235, Stop: 10615, Start Num: 10

Candidate Starts for Traaww1_15:

(1, 10115), (Start: 8 @10226 has 25 MA's), (Start: 10 @10235 has 123 MA's), (13, 10286), (16, 10334), (18, 10349), (23, 10412), (29, 10490), (30, 10493), (33, 10541),

Gene: Tuco_17 Start: 10589, Stop: 10969, Start Num: 10

Candidate Starts for Tuco_17:

(1, 10469), (Start: 8 @10580 has 25 MA's), (Start: 10 @10589 has 123 MA's), (13, 10640), (16, 10688), (18, 10703), (23, 10766), (29, 10844), (30, 10847), (33, 10895),

Gene: Tweety_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Tweety_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Ukulele_16 Start: 9814, Stop: 10194, Start Num: 10

Candidate Starts for Ukulele_16:

(1, 9694), (Start: 8 @9805 has 25 MA's), (Start: 10 @9814 has 123 MA's), (16, 9913), (18, 9928), (23, 9991), (29, 10069), (30, 10072), (33, 10120),

Gene: UncleRicky_10 Start: 6632, Stop: 6958, Start Num: 11

Candidate Starts for UncleRicky_10:

(Start: 11 @6632 has 206 MA's), (15, 6677), (17, 6710), (20, 6734), (24, 6773), (27, 6806), (31, 6872),

Gene: VRedHorse_9 Start: 6781, Stop: 7107, Start Num: 11

Candidate Starts for VRedHorse_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (15, 6826), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (31, 7021),

Gene: Vagabond_45 Start: 22826, Stop: 23212, Start Num: 8

Candidate Starts for Vagabond_45:

(Start: 2 @22787 has 1 MA's), (3, 22793), (Start: 5 @22805 has 1 MA's), (Start: 8 @22826 has 25 MA's), (25, 23024), (35, 23198),

Gene: Velveteen_10 Start: 6631, Stop: 6957, Start Num: 11

Candidate Starts for Velveteen_10:

(Start: 11 @6631 has 206 MA's), (15, 6676), (17, 6709), (20, 6733), (24, 6772), (27, 6805), (31, 6871),

Gene: Veteran_9 Start: 6796, Stop: 7122, Start Num: 11

Candidate Starts for Veteran_9:

(Start: 11 @6796 has 206 MA's), (15, 6841), (17, 6874), (20, 6898), (24, 6937), (27, 6970), (31, 7036),

Gene: Violac_9 Start: 6782, Stop: 7108, Start Num: 11

Candidate Starts for Violac_9:

(Start: 11 @6782 has 206 MA's), (Start: 14 @6812 has 23 MA's), (15, 6827), (17, 6860), (20, 6884), (24, 6923), (27, 6956), (31, 7022),

Gene: Vivum_9 Start: 6810, Stop: 7106, Start Num: 14

Candidate Starts for Vivum_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: Vorrps_44 Start: 22585, Stop: 22971, Start Num: 8

Candidate Starts for Vorrps_44:

(Start: 2 @22546 has 1 MA's), (3, 22552), (Start: 5 @22564 has 1 MA's), (Start: 8 @22585 has 25 MA's), (25, 22783), (35, 22957),

Gene: Wachhund_9 Start: 6772, Stop: 7098, Start Num: 11

Candidate Starts for Wachhund_9:

(Start: 11 @6772 has 206 MA's), (Start: 14 @6802 has 23 MA's), (15, 6817), (17, 6850), (20, 6874), (24, 6913), (27, 6946), (31, 7012),

Gene: Wee_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Wee_9:

(Start: 11 @6781 has 206 MA's), (Start: 14 @6811 has 23 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Whatsapiecost_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for Whatsapiecost_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Whouxphf_9 Start: 6771, Stop: 7097, Start Num: 11

Candidate Starts for Whouxphf_9:

(Start: 11 @6771 has 206 MA's), (Start: 14 @6801 has 23 MA's), (15, 6816), (17, 6849), (20, 6873), (24, 6912), (27, 6945), (31, 7011),

Gene: Wiggin_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for Wiggin_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Wildflower_45 Start: 22571, Stop: 22957, Start Num: 8

Candidate Starts for Wildflower_45:

(Start: 2 @22532 has 1 MA's), (3, 22538), (Start: 5 @22550 has 1 MA's), (Start: 8 @22571 has 25 MA's), (25, 22769), (35, 22943),

Gene: WillSterrel_9 Start: 6767, Stop: 7093, Start Num: 11

Candidate Starts for WillSterrel_9:

(Start: 11 @6767 has 206 MA's), (17, 6845), (20, 6869), (24, 6908), (27, 6941), (31, 7007), (32, 7022),

Gene: Willez_16 Start: 10097, Stop: 10477, Start Num: 10

Candidate Starts for Willez_16:

(1, 9977), (Start: 8 @10088 has 25 MA's), (Start: 10 @10097 has 123 MA's), (13, 10148), (16, 10196), (18, 10211), (23, 10274), (29, 10352), (30, 10355), (33, 10403),

Gene: Wogge42_44 Start: 22904, Stop: 23290, Start Num: 8

Candidate Starts for Wogge42_44:

(Start: 2 @22865 has 1 MA's), (3, 22871), (Start: 5 @22883 has 1 MA's), (Start: 8 @22904 has 25 MA's), (25, 23102), (35, 23276),

Gene: XFactor_9 Start: 6781, Stop: 7110, Start Num: 11

Candidate Starts for XFactor_9:

(Start: 11 @6781 has 206 MA's), (17, 6859), (20, 6883), (24, 6922), (27, 6955), (28, 6991), (31, 7021), (32, 7036),

Gene: Xandras_18 Start: 10046, Stop: 10426, Start Num: 10

Candidate Starts for Xandras_18:

(1, 9926), (Start: 8 @10037 has 25 MA's), (Start: 10 @10046 has 123 MA's), (16, 10145), (18, 10160), (23, 10223), (29, 10301), (30, 10304), (33, 10352),

Gene: Yorick_9 Start: 6809, Stop: 7105, Start Num: 14

Candidate Starts for Yorick_9:

(Start: 11 @6779 has 206 MA's), (Start: 14 @6809 has 23 MA's), (15, 6824), (17, 6857), (20, 6881), (24, 6920), (27, 6953), (31, 7019),

Gene: Youngblood_16 Start: 10224, Stop: 10604, Start Num: 10

Candidate Starts for Youngblood_16:

(1, 10104), (Start: 8 @10215 has 25 MA's), (Start: 10 @10224 has 123 MA's), (16, 10323), (18, 10338), (23, 10401), (29, 10479), (30, 10482), (33, 10530),

Gene: YungJamal_48 Start: 23304, Stop: 23690, Start Num: 8

Candidate Starts for YungJamal_48:

(Start: 2 @23265 has 1 MA's), (3, 23271), (Start: 5 @23283 has 1 MA's), (Start: 8 @23304 has 25 MA's), (25, 23502), (35, 23676),

Gene: Zebo_45 Start: 22999, Stop: 23385, Start Num: 8

Candidate Starts for Zebo_45:

(Start: 2 @22960 has 1 MA's), (3, 22966), (Start: 5 @22978 has 1 MA's), (7, 22993), (Start: 8 @22999 has 25 MA's), (25, 23197), (35, 23371),

Gene: Zerg_9 Start: 6780, Stop: 7106, Start Num: 11

Candidate Starts for Zerg_9:

(Start: 11 @6780 has 206 MA's), (Start: 14 @6810 has 23 MA's), (15, 6825), (17, 6858), (20, 6882), (24, 6921), (27, 6954), (31, 7020),

Gene: Zizzle_9 Start: 6813, Stop: 7109, Start Num: 14

Candidate Starts for Zizzle_9:

(Start: 11 @6783 has 206 MA's), (Start: 14 @6813 has 23 MA's), (15, 6828), (17, 6861), (20, 6885), (24, 6924), (27, 6957), (31, 7023),

Gene: xkcd_17 Start: 10249, Stop: 10629, Start Num: 10

Candidate Starts for xkcd_17:

(1, 10129), (Start: 8 @10240 has 25 MA's), (Start: 10 @10249 has 123 MA's), (13, 10300), (16, 10348), (18, 10363), (23, 10426), (29, 10504), (30, 10507), (33, 10555),