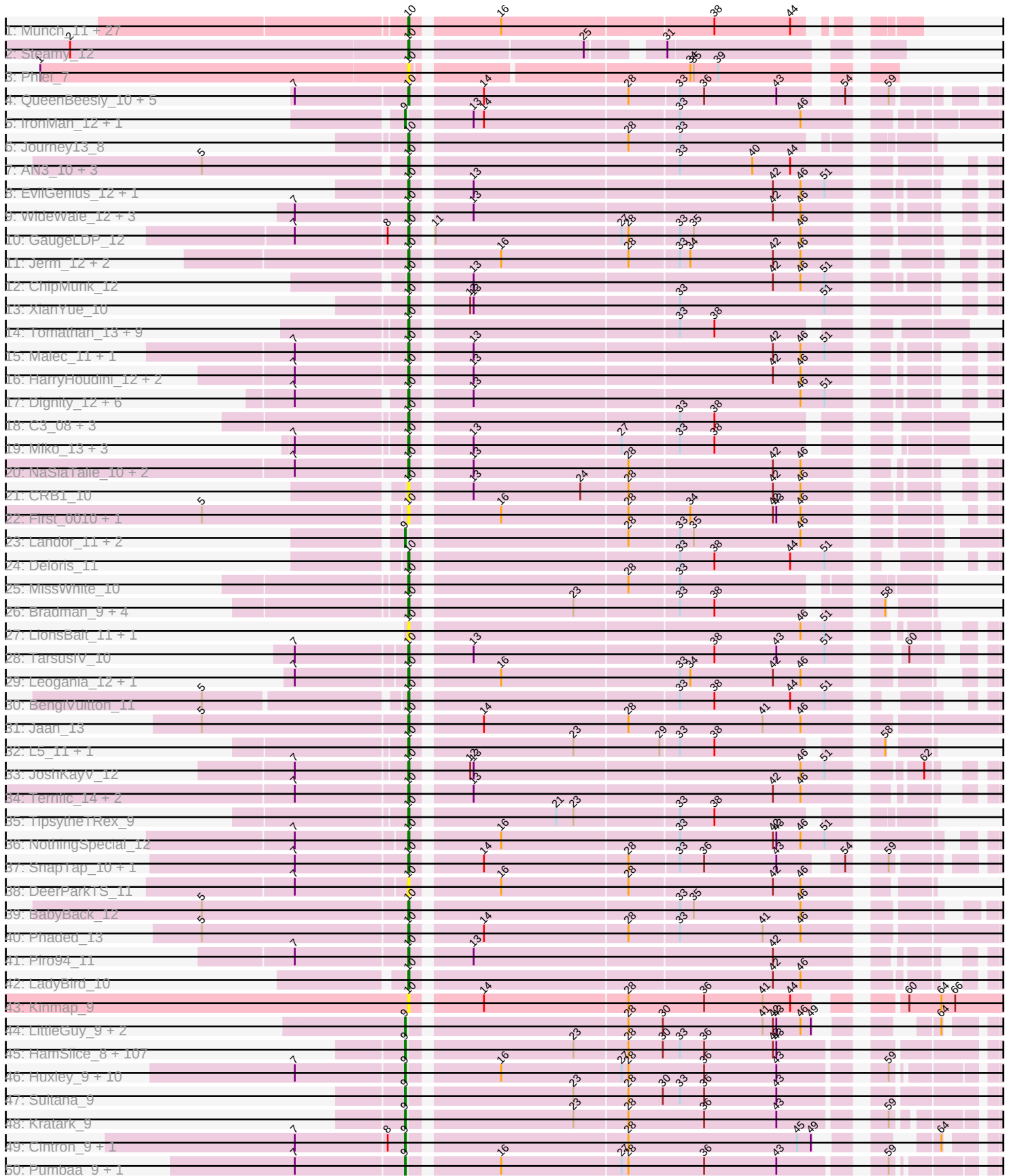
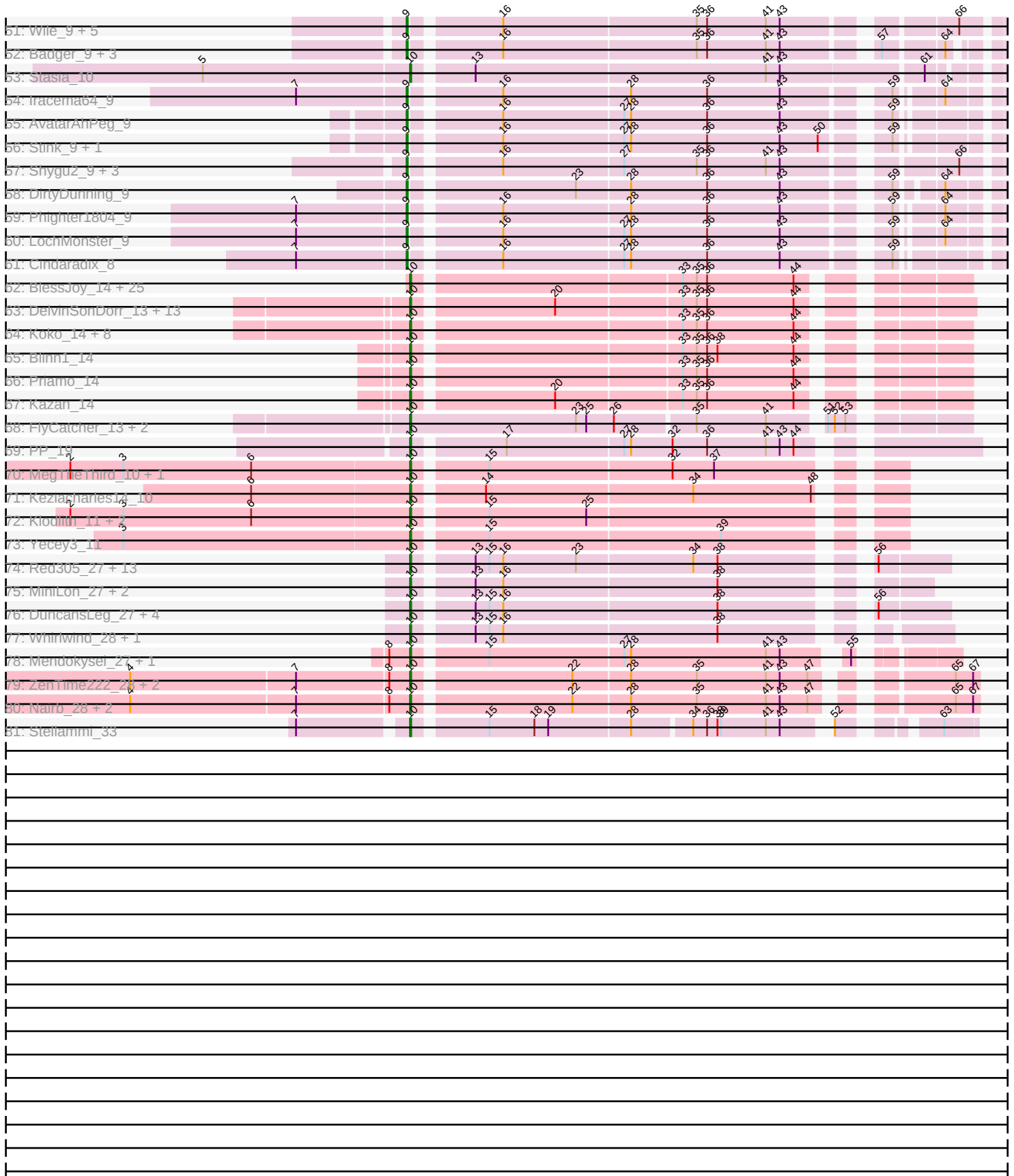


Pham 330360



Pham 330360



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 330360 Report

This analysis was run 09/05/26 on database version 662.

Pham number 330360 has 371 members, 37 are drafts.

Phages represented in each track:

- Track 1 : Munch_11, Aneem_11, Wolpertinger_10, Salz_11, Lucivia_11, Et2Brutus_10, MaCh_11, Orange_11, Insomnia_11, Jabith_11, TinyTimmy_11, Flaverint_11, Fibonacci_11, Bowtie_11, Saskia_11, Sham4_11, Bachome_11, Petersenfast_11, Ebony_11, Gilberta_11, Timothy_11, Joselito_11, Mulciber_11, Kimba_11, Bud_11, Mabel_11, Hutc2_11, Snape_11
- Track 2 : Steamy_12
- Track 3 : Phlei_7
- Track 4 : QueenBeesly_10, Georgie2_11, SemperFi_12, SweetiePie_10, Power_10, FiringLine_10
- Track 5 : IronMan_12, Tristan_11
- Track 6 : Journey13_8
- Track 7 : AN3_10, VA6_10, Benvolio_10, Echild_10
- Track 8 : EvilGenius_12, KingCyrus_12
- Track 9 : WideWale_12, Updawg_12, Equemioh13_12, Gratitude_11
- Track 10 : GaugeLDP_12
- Track 11 : Jerm_12, LiITurb_12, Turbido_12
- Track 12 : ChipMunk_12
- Track 13 : XianYue_10
- Track 14 : Tomathan_13, D32_13, Travvers_13, Kerberos_13, D29_11, DBQu4n_13, StarStuff_13, Naji_13, Duplo_13, Pomar16_13
- Track 15 : Malec_11, Larenn_11
- Track 16 : HarryHoudini_12, Baehexic_11, Drake55_12
- Track 17 : Dignity_12, AbbyPaige_12, Whabigail7_12, Bugsy_12, Smeagan_12, Leviathan_12, Agape74_12
- Track 18 : C3_08, AN9_13, VC3_13, ANI8_13
- Track 19 : Miko_13, Rachaly_13, Lokk_13, BobSwaget_13
- Track 20 : NaSiaTalie_10, Flare16_10, Sknot_10
- Track 21 : CRB1_10
- Track 22 : First_0010, 20ES_10
- Track 23 : Landor_11, Bactobuster_11, Pukovnik_12
- Track 24 : Deloris_11
- Track 25 : MissWhite_10
- Track 26 : Bradman_9, MajorMajor_9, Quokka_8, Jsquared_9, Serenity_9
- Track 27 : LionsBait_11, HippoHollow_11
- Track 28 : TarsusIV_10
- Track 29 : Leogania_12, BiancaTri92_12
- Track 30 : BengiVuitton_11

- Track 31 : Jaan_13
- Track 32 : L5_11, Koduck_11
- Track 33 : JoshKayV_12
- Track 34 : Terrific_14, Centaur_12, MiculUcigas_10
- Track 35 : TipsytheTRex_9
- Track 36 : NothingSpecial_12
- Track 37 : SnapTap_10, Crucio_10
- Track 38 : DeerParkTS_11
- Track 39 : BabyBack_12
- Track 40 : Phaded_13
- Track 41 : Piro94_11
- Track 42 : LadyBird_10
- Track 43 : Kinmap_9
- Track 44 : LittleGuy_9, Nyxis_9, Phontbonne_9
- Track 45 : HamSlice_8, Kamy_9, Taquarus_9, Lorenzo_9, TroyPia_9, Sabertooth_9, SteMason_9, CentreCat_9, Clarenza_9, Iceman_9, Ruin_9, Connomayer_9, Florean_9, Maxo_9, Mazhar510_9, Phacado_9, Albee_9, Eros_9, Bombshell_9, Maverick_9, LittleB_9, BellusTerra_9, Phelipe_9, Peaches_9, ICleared_9, Avle17_9, TiroTheta9_9, Annyong_9, Wizard007_9, Koreni_8, MeeZee_9, OKaNui_9, KFPoly_9, Millski_9, JetBlade_9, Commander_9, Eagle_8, Buckaroo_8, Relief_9, TygerBlood_9, Ohfah_9, Lunsford_10, Gadost_9, NorthStar_9, Rocksand_9, Wilbur_9, Eapen_9, Kingmustik0402_9, Mayonnaise_9, Holli_9, Pipcraft_9, Polymorphads_9, Melvin_9, Palestino_9, Medusa_9, LeoAvram_9, YoSam321_9, Citius_9, Sparxx_9, KekoraPapaka_8, Caelakin_9, Arturo_8, TinaFeyge_9, Kyee_9, Cocoaberry_9, Koan_9, Bartimeaus_9, LappelDuVide_9, Spino_9, Roosevelt_9, Funston_9, RockieBear_8, Northrop_9, Dhanush_9, Bruiser_9, Junimo_8, Blackmoor_9, SenorClean_9, Baby16_9, Scamp_9, PeterPeter_9, Houdini22_9, Nemo27_9, BubbleTrouble_9, Broseidon_9, Jaykayelowell_9, Romney_9, Lemur_9, Noelle_9, Nebs_9, NotAPhaseMom_9, Skipitt_9, Shaka_9, Eris_9, Chaph_9, Alberto7_10, Flux_9, Druantia_9, Skadoosh_9, Eurydice_9, Thanksgivukkah_9, JoongJeon_9, Morrow_9, Happiness_9, Burger_8, Deano_9, Wander_9, Abdiel_9
- Track 46 : Huxley_9, Obama12_9, Ulysses_8, SheldonCooper_9, Rosa24_8, LHTSCC_9, Camperdownii_8, ChampagnePapi_9, Tinybot_8, Cerulean_9, BangNhom_8
- Track 47 : Sultana_9
- Track 48 : Kratak_9
- Track 49 : Cintron_9, Kremtemulon_9
- Track 50 : Pumbaa_9, Mundrea_9
- Track 51 : Wile_9, PetiteSangsue_9, Katalie136_9, Perplexer_9, Datway_9, Backyardigan_9
- Track 52 : Badger_9, Cici_9, Xena_9, Achebe_9
- Track 53 : Stasia_10
- Track 54 : Iracema64_9
- Track 55 : AvatarAhPeg_9
- Track 56 : Stink_9, Miramae_9
- Track 57 : Shygu2_9, Morpher26_9, AbbysRanger_9, Bumblebee11_9
- Track 58 : DirtyDunning_9
- Track 59 : Phigher1804_9
- Track 60 : LochMonster_9
- Track 61 : Cindaradix_8
- Track 62 : BlessJoy_14, Rifter_14, Wiks_14, Hammer_14, CloudWang3_14, VohminGhazi_14, SmellyB_14, Gladiator_14, Blue7_14, Dorothea_14,

Chartreuse_14, DaVinci_14, Yokurt_14, Gruunaga_14, Kipper29_14, ToneTone_13, WunderPhul_14, Zulu_14, Lilbunny_14, Candra_14, McFly_14, Hoot_14, Jeffabunny_14, BennyP_14, GreedyLawyer_14, Zaka_14

- Track 63 : DelvinSonDorr_13, Cookiedough_14, Isiphiwo_14, SuperCallie99_14, JewelBug_14, Pmask_14, Jordennis_14, Polyphemus_14, Neeharika16_14, Newrala_14, Imbriano_13, BABullseye_14, EricB_14, SuperAwesome_14
- Track 64 : Koko_14, Tucker_14, Roksolana_14, Helmet_14, Artemis2UCLA_14, Temprado_14, Indra_14, Hexamo_14, Garak_15
- Track 65 : Blinn1_14
- Track 66 : Priamo_14
- Track 67 : Kazan_14
- Track 68 : FlyCatcher_13, Sheen_11, Toro_12
- Track 69 : PP_19
- Track 70 : MegTheThird_10, Celestiallunch_10
- Track 71 : Keziacharles14_10
- Track 72 : Klodlith_11, Charm_11, DreamTeam1_11
- Track 73 : Yecey3_11
- Track 74 : Red305_27, Jubie_27, Bellis_27, Lumos_27, Snenia_27, Finnry_27, Clautastrophe_27, TriFive_27, Nicholas_27, Moostard_27, Samty_27, Kingsolomon_27, MsGreen_27, Jobypre_27
- Track 75 : MiniLon_27, MiniMac_27, Lolly9_27
- Track 76 : DuncansLeg_27, Ellson_27, LiyuLake_27, KirDoubleO7_25, BourbonZero_26
- Track 77 : Whirlwind_28, Krypton555_27
- Track 78 : Mendokysei_27, Nette_29
- Track 79 : ZenTime222_28, Ibrahim_28, RonRayGun_28
- Track 80 : Nairb_28, Bernal13_28, Whitty_28
- Track 81 : Stellammi_33

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

The start number called the most often in the published annotations is 10, it was called in 187 of the 334 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- 20ES_10, AN3_10, AN9_13, ANI8_13, AbbyPaige_12, Agape74_12, Aneem_11, Artemis2UCLA_14, BABullseye_14, BabyBack_12, Bachome_11, Baehexic_11, Bellis_27, BengiVuitton_11, BennyP_14, Benvolio_10, Bernal13_28, BiancaTri92_12, BlessJoy_14, Blinn1_14, Blue7_14, BobSwaget_13, BourbonZero_26, Bowtie_11, Bradman_9, Bud_11, Buggy_12, C3_08, CRB1_10, Candra_14, Celestiallunch_10, Centaur_12, Charm_11, Chartreuse_14, ChipMunk_12, Clautastrophe_27, CloudWang3_14, Cookiedough_14, Crucio_10, D29_11, D32_13, DBQu4n_13, DaVinci_14, DeerParkTS_11, Deloris_11, DelvinSonDorr_13, Dignity_12, Dorothea_14, Drake55_12, DreamTeam1_11, DuncansLeg_27, Duplo_13, Ebony_11, Echild_10, Ellson_27, Equemioh13_12, EricB_14, Et2Brutus_10, EvilGenius_12, Fibonacci_11, Finnry_27, FiringLine_10, First_0010, Flare16_10, Flaverint_11, FlyCatcher_13, Garak_15, GaugeLDP_12, Georgie2_11, Gilberta_11, Gladiator_14, Gratitude_11, GreedyLawyer_14, Gruunaga_14, Hammer_14, HarryHoudini_12, Helmet_14, Hexamo_14, HippoHollow_11, Hoot_14, Hutc2_11, Ibrahim_28, Imbriano_13, Indra_14, Insomnia_11, Isiphiwo_14, Jaan_13, Jabith_11,

Jeffabunny_14, Jerm_12, JewelBug_14, Jobypre_27, Jordennis_14, Joselito_11, JoshKayV_12, Journey13_8, Jsquared_9, Jubie_27, Kazan_14, Kerberos_13, Keziacharles14_10, Kimba_11, KingCyrus_12, Kingsolomon_27, Kinmap_9, Kipper29_14, KirDoubleO7_25, Klodlith_11, Koduck_11, Koko_14, Krypton555_27, L5_11, LadyBird_10, Larenn_11, Leogania_12, Leviathan_12, LilTurb_12, Lilbunny_14, LionsBait_11, LiyuLake_27, Lokk_13, Lolly9_27, Lucivia_11, Lumos_27, MaCh_11, Mabel_11, MajorMajor_9, Malec_11, McFly_14, MegTheThird_10, Mendokysei_27, MiculUcigas_10, Miko_13, MiniLon_27, MiniMac_27, MissWhite_10, Moostard_27, MsGreen_27, Mulciber_11, Munch_11, NaSiaTalie_10, Nairb_28, Naji_13, Neeharika16_14, Nette_29, Newrala_14, Nicholas_27, NothingSpecial_12, Orange_11, PP_19, Petersenfast_11, Phaded_13, Phlei_7, Piro94_11, Pmask_14, Polyphemos_14, Pomar16_13, Power_10, Priamo_14, QueenBeesly_10, Quokka_8, Rachaly_13, Red305_27, Rifter_14, Roksolana_14, RonRayGun_28, Salz_11, Samty_27, Saskia_11, SemperFi_12, Serenity_9, Sham4_11, Sheen_11, Sknot_10, Smeagan_12, SmellyB_14, SnapTap_10, Snape_11, Snenia_27, StarStuff_13, Stasia_10, Steamy_12, Stellammi_33, SuperAwesome_14, SuperCallie99_14, SweetiePie_10, TarsusIV_10, Temprado_14, Terrific_14, Timothy_11, TinyTimmy_11, TipsytheTRex_9, Tomathan_13, ToneTone_13, Toro_12, Travvers_13, TriFive_27, Tucker_14, Turbido_12, Updawg_12, VA6_10, VC3_13, VohminGhazi_14, Whabigail7_12, Whirlwind_28, Whitty_28, WideWale_12, Wiks_14, Wolpertinger_10, WunderPhu1_14, XianYue_10, Yecey3_11, Yokurt_14, Zaka_14, ZenTime222_28, Zulu_14,

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

-

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

- AbbysRanger_9, Abdiel_9, Achebe_9, Albee_9, Alberto7_10, Annyong_9, Arturo_8, AvatarAhPeg_9, Avle17_9, Baby16_9, Backyardigan_9, Bactobuster_11, Badger_9, BangNhom_8, Bartimeaus_9, BellusTerra_9, Blackmoor_9, Bombshell_9, Broseidon_9, Bruiser_9, BubbleTrouble_9, Buckaroo_8, Bumblebee11_9, Burger_8, Caelakin_9, Camperdownii_8, CentreCat_9, Cerulean_9, ChampagnePapi_9, Chaph_9, Cici_9, Cindaradix_8, Cintron_9, Citius_9, Clarenza_9, CocoaBerry_9, Commander_9, Connomayer_9, Datway_9, Deano_9, Dhanush_9, DirtyDunning_9, Druantia_9, Eagle_8, Eapen_9, Eris_9, Eros_9, Eurydice_9, Florean_9, Flux_9, Funston_9, Gadost_9, HamSlice_8, Happiness_9, Holli_9, Houdini22_9, Huxley_9, ICleared_9, Iceman_9, Iracema64_9, IronMan_12, Jaykayelowell_9, JetBlade_9, JoongJeon_9, Junimo_8, KFPoly_9, Kampy_9, Katalie136_9, KekoraPapaka_8, Kingmustik0402_9, Koan_9, Koreni_8, Kratak_9, Kremtemulon_9, Kyee_9, LHTSCC_9, Landor_11, LappelDuVide_9, Lemur_9, LeoAvram_9, LittleB_9, LittleGuy_9, LochMonster_9, Lorenzo_9, Lunsford_10, Maverick_9, Maxo_9, Mayonnaise_9, Mazhar510_9, Medusa_9, MeeZee_9, Melvin_9, Millski_9, Miramae_9, Morpher26_9, Morrow_9, Mundrea_9, Nebs_9, Nemo27_9, Noelle_9, NorthStar_9, Northrop_9, NotAPhaseMom_9, Nyxis_9, OKaNui_9, Obama12_9, Ohfah_9, Palestino_9, Peaches_9, Perplexer_9, PeterPeter_9, PetiteSangsue_9, Phacado_9, Felipe_9, Phighter1804_9, Phontbonne_9, Pipcraft_9, Polymorphads_9, Pukovnik_12, Pumbaa_9, Relief_9, RockieBear_8, Rocksand_9, Romney_9, Roosevelt_9, Rosa24_8, Ruin_9, Sabertooth_9, Scamp_9, SenorClean_9, Shaka_9, SheldonCooper_9, Shygu2_9, Skadoosh_9, Skipitt_9, Sparxx_9, Spino_9, SteMason_9, Stink_9, Sultana_9, Taquarus_9, Thanksgivukkah_9, TinaFeyge_9, Tinybot_8, TiroTheta9_9, Tristan_11, TroyPia_9, TygerBlood_9, Ulysses_8, Wander_9, Wilbur_9, Wile_9, Wizard007_9, Xena_9, YoSam321_9,

Summary by start number:

Start 9:

- Found in 155 of 371 (41.8%) of genes in pham
- Manual Annotations of this start: 147 of 334
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AbbysRanger_9 (A4), Abdiel_9 (A4), Achebe_9 (A4), Albee_9 (A4), Alberto7_10 (A4), Annyong_9 (A4), Arturo_8 (A4), AvatarAhPeg_9 (A4), Avle17_9 (A4), Baby16_9 (A4), Backyardigan_9 (A4), Bactobuster_11 (A2), Badger_9 (A4), BangNhom_8 (A4), Bartimeaus_9 (A4), BellusTerra_9 (A4), Blackmoor_9 (A4), Bombshell_9 (A4), Broseidon_9 (A4), Bruiser_9 (A4), BubbleTrouble_9 (A4), Buckaroo_8 (A4), Bumblebee11_9 (A4), Burger_8 (A4), Caelakin_9 (A4), Camperdownii_8 (A4), CentreCat_9 (A4), Cerulean_9 (A4), ChampagnePapi_9 (A4), Chaph_9 (A4), Cici_9 (A4), Cindaradix_8 (A4), Cintron_9 (A4), Citius_9 (A4), Clarenza_9 (A4), Cocoaberry_9 (A4), Commander_9 (A4), Connomayer_9 (A4), Datway_9 (A4), Deano_9 (A4), Dhanush_9 (A4), DirtyDunning_9 (A4), Druantia_9 (A4), Eagle_8 (A4), Eapen_9 (A4), Eris_9 (A4), Eros_9 (A4), Eurydice_9 (A4), Florean_9 (A4), Flux_9 (A4), Funston_9 (A4), Gadost_9 (A4), HamSlice_8 (A4), Happiness_9 (A4), Holli_9 (A4), Houdini22_9 (A4), Huxley_9 (A4), ICleared_9 (A4), Iceman_9 (A4), Iracema64_9 (A4), IronMan_12 (A2), Jaykayelowell_9 (A4), JetBlade_9 (A4), JoongJeon_9 (A4), Junimo_8 (A4), KFPoly_9 (A4), Kamy_9 (A4), Katalie136_9 (A4), KekoraPapaka_8 (A4), Kingmustik0402_9 (A4), Koan_9 (A4), Koreni_8 (A4), Kratak_9 (A4), Kremtemulon_9 (A4), Kyee_9 (A4), LHTSCC_9 (A4), Landor_11 (A2), LappelDuVide_9 (A4), Lemur_9 (A4), LeoAvram_9 (A4), LittleB_9 (A4), LittleGuy_9 (A4), LochMonster_9 (A4), Lorenzo_9 (A4), Lunsford_10 (A4), Maverick_9 (A4), Maxo_9 (A4), Mayonnaise_9 (A4), Mazhar510_9 (A4), Medusa_9 (A4), MeeZee_9 (A4), Melvin_9 (A4), Millski_9 (A4), Miramae_9 (A4), Morpher26_9 (A4), Morrow_9 (A4), Mundrea_9 (A4), Nebs_9 (A4), Nemo27_9 (A4), Noelle_9 (A4), NorthStar_9 (A4), Northrop_9 (A4), NotAPhaseMom_9 (A4), Nyxis_9 (A4), OKaNui_9 (A4), Obama12_9 (A4), Ohfah_9 (A4), Palestino_9 (A4), Peaches_9 (A4), Perplexer_9 (A4), PeterPeter_9 (A4), PetiteSangsue_9 (A4), Phacado_9 (A4), Phelipe_9 (A4), Phighter1804_9 (A4), Phontbonne_9 (A4), Pipcraft_9 (A4), Polymorphads_9 (A4), Pukovnik_12 (A2), Pumbaa_9 (A4), Relief_9 (A4), RockieBear_8 (A4), Rocksand_9 (A4), Romney_9 (A4), Roosevelt_9 (A4), Rosa24_8 (A4), Ruin_9 (A4), Sabertooth_9 (A4), Scamp_9 (A4), SenorClean_9 (A4), Shaka_9 (A4), SheldonCooper_9 (A4), Shygu2_9 (A4), Skadoosh_9 (A4), Skipitt_9 (A4), Sparxx_9 (A4), Spino_9 (A4), SteMason_9 (A4), Stink_9 (A4), Sultana_9 (A4), Taquarus_9 (A4), Thanksgivukkah_9 (A4), TinaFeyge_9 (A4), Tinybot_8 (A4), TiroTheta9_9 (A4), Tristan_11 (A2), TroyPia_9 (A4), TygerBlood_9 (A4), Ulysses_8 (A4), Wander_9 (A4), Wilbur_9 (A4), Wile_9 (A4), Wizard007_9 (A4), Xena_9 (A4), YoSam321_9 (A4),

Start 10:

- Found in 216 of 371 (58.2%) of genes in pham
- Manual Annotations of this start: 187 of 334
- Called 100.0% of time when present
- Phage (with cluster) where this start called: 20ES_10 (A2), AN3_10 (A2), AN9_13 (A2), ANI8_13 (A2), AbbyPaige_12 (A2), Agape74_12 (A2), Aneem_11 (A11), Artemis2UCLA_14 (A6), BABullseye_14 (A6), BabyBack_12 (A2), Bachome_11 (A11), Baehexic_11 (A2), Bellis_27 (L3), BengiVuitton_11 (A2), BennyP_14 (A6), Benvolio_10 (A2), Bernal13_28 (T), BiancaTri92_12 (A2), BlessJoy_14 (A6), Blinn1_14 (A6), Blue7_14 (A6), BobSwaget_13 (A2), BourbonZero_26 (L3),

Bowtie_11 (A11), Bradman_9 (A2), Bud_11 (A11), Bugsy_12 (A2), C3_08 (A2), CRB1_10 (A2), Candra_14 (A6), Celestiallunch_10 (A9), Centaur_12 (A2), Charm_11 (A9), Chartreuse_14 (A6), ChipMunk_12 (A2), Clautastrophe_27 (L3), CloudWang3_14 (A6), Cookiedough_14 (A6), Crucio_10 (A2), D29_11 (A2), D32_13 (A2), DBQu4n_13 (A2), DaVinci_14 (A6), DeerParkTS_11 (A2), Deloris_11 (A2), DelvinSonDorr_13 (A6), Dignity_12 (A2), Dorothea_14 (A6), Drake55_12 (A2), DreamTeam1_11 (A9), DuncansLeg_27 (L3), Duplo_13 (A2), Ebony_11 (A11), Echid_10 (A2), Ellson_27 (L3), Equemioh13_12 (A2), EricB_14 (A6), Et2Brutus_10 (A11), EvilGenius_12 (A2), Fibonacci_11 (A11), Finnry_27 (L3), FiringLine_10 (A2), First_0010 (A2), Flare16_10 (A2), Flaverint_11 (A11), FlyCatcher_13 (A7), Garak_15 (A6), GaugeLDP_12 (A2), Georgie2_11 (A2), Gilberta_11 (A11), Gladiator_14 (A6), Gratitude_11 (A2), GreedyLawyer_14 (A6), Gruunaga_14 (A6), Hammer_14 (A6), HarryHoudini_12 (A2), Helmet_14 (A6), Hexamo_14 (A6), HippoHollow_11 (A2), Hoot_14 (A6), Hutc2_11 (A11), Ibrahim_28 (T), Imbriano_13 (A6), Indra_14 (A6), Insomnia_11 (A11), Isiphiwo_14 (A6), Jaan_13 (A2), Jabith_11 (A11), Jeffabunny_14 (A6), Jerm_12 (A2), JewelBug_14 (A6), Jobypre_27 (L3), Jordennis_14 (A6), Joselito_11 (A11), JoshKayV_12 (A2), Journey13_8 (A2), Jsquared_9 (A2), Jubie_27 (L3), Kazan_14 (A6), Kerberos_13 (A2), Keziacharles14_10 (A9), Kimba_11 (A11), KingCyrus_12 (A2), Kingsolomon_27 (L3), Kinmap_9 (A21), Kipper29_14 (A6), KirDoubleO7_25 (L3), Klodlith_11 (A9), Koduck_11 (A2), Koko_14 (A6), Krypton555_27 (L3), L5_11 (A2), LadyBird_10 (A2), Larenn_11 (A2), Leogania_12 (A2), Leviathan_12 (A2), LilTurb_12 (A2), Lilbunny_14 (A6), LionsBait_11 (A2), LiyuLake_27 (L3), Lokk_13 (A2), Lolly9_27 (L3), Lucivia_11 (A11), Lumos_27 (L3), MaCh_11 (A11), Mabel_11 (A11), MajorMajor_9 (A2), Malec_11 (A2), McFly_14 (A6), MegTheThird_10 (A9), Mendokysei_27 (T), MiculUcigas_10 (A2), Miko_13 (A2), MiniLon_27 (L3), MiniMac_27 (L3), MissWhite_10 (A2), Moostard_27 (L3), MsGreen_27 (L3), Mulciber_11 (A11), Munch_11 (A11), NaSiaTalie_10 (A2), Nairb_28 (T), Naji_13 (A2), Neeharika16_14 (A6), Nette_29 (T), Newrala_14 (A6), Nicholas_27 (L3), NothingSpecial_12 (A2), Orange_11 (A11), PP_19 (A7), Petersenfast_11 (A11), Phaded_13 (A2), Phlei_7 (A13), Piro94_11 (A2), Pmask_14 (A6), Polyphemus_14 (A6), Pomar16_13 (A2), Power_10 (A2), Priamo_14 (A6), QueenBeesly_10 (A2), Quokka_8 (A2), Rachaly_13 (A2), Red305_27 (L3), Rifter_14 (A6), Roksolana_14 (A6), RonRayGun_28 (T), Salz_11 (A11), Samty_27 (L3), Saskia_11 (A11), SemperFi_12 (A2), Serenity_9 (A2), Sham4_11 (A11), Sheen_11 (A7), Sknot_10 (A2), Smeagan_12 (A2), SmellyB_14 (A6), SnapTap_10 (A2), Snape_11 (A11), Snenia_27 (L3), StarStuff_13 (A2), Stasia_10 (A4), Steamy_12 (A12), Stellammi_33 (UNK), SuperAwesome_14 (A6), SuperCallie99_14 (A6), SweetiePie_10 (A2), TarsusIV_10 (A2), Temprado_14 (A6), Terrific_14 (A2), Timothy_11 (A11), TinyTimmy_11 (A11), TipsytheTRex_9 (A2), Tomathan_13 (A2), ToneTone_13 (A6), Toro_12 (A7), Travvers_13 (A2), TriFive_27 (L3), Tucker_14 (A6), Turbido_12 (A2), Updawg_12 (A2), VA6_10 (A2), VC3_13 (A2), VohminGhazi_14 (A6), Whabigail7_12 (A2), Whirlwind_28 (L3), Whitty_28 (T), WideWale_12 (A2), Wiks_14 (A6), Wolpertinger_10 (A11), WunderPhul_14 (A6), XianYue_10 (A2), Yecey3_11 (A9), Yokurt_14 (A6), Zaka_14 (A6), ZenTime222_28 (T), Zulu_14 (A6),

Summary by clusters:

There are 12 clusters represented in this pham: A21, A11, A13, A12, T, A2, L3, A7, A6, A9, UNK, A4,

Info for manual annotations of cluster A11:

- Start number 10 was manually annotated 27 times for cluster A11.

Info for manual annotations of cluster A12:

- Start number 10 was manually annotated 1 time for cluster A12.

Info for manual annotations of cluster A2:

- Start number 9 was manually annotated 5 times for cluster A2.
- Start number 10 was manually annotated 76 times for cluster A2.

Info for manual annotations of cluster A4:

- Start number 9 was manually annotated 142 times for cluster A4.
- Start number 10 was manually annotated 1 time for cluster A4.

Info for manual annotations of cluster A6:

- Start number 10 was manually annotated 48 times for cluster A6.

Info for manual annotations of cluster A7:

- Start number 10 was manually annotated 2 times for cluster A7.

Info for manual annotations of cluster A9:

- Start number 10 was manually annotated 5 times for cluster A9.

Info for manual annotations of cluster L3:

- Start number 10 was manually annotated 19 times for cluster L3.

Info for manual annotations of cluster T:

- Start number 10 was manually annotated 7 times for cluster T.

Info for manual annotations of cluster UNK:

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

Gene Information:

Gene: 20ES_10 Start: 5985, Stop: 6446, Start Num: 10

Candidate Starts for 20ES_10:

(5, 5817), (Start: 10 @5985 has 187 MA's), (16, 6054), (28, 6162), (34, 6213), (42, 6285), (43, 6288), (46, 6309),

Gene: AN3_10 Start: 5970, Stop: 6431, Start Num: 10

Candidate Starts for AN3_10:

(5, 5799), (Start: 10 @5970 has 187 MA's), (33, 6189), (40, 6252), (44, 6285),

Gene: AN9_13 Start: 6174, Stop: 6599, Start Num: 10

Candidate Starts for AN9_13:

(Start: 10 @6174 has 187 MA's), (33, 6393), (38, 6423),

Gene: ANI8_13 Start: 6174, Stop: 6599, Start Num: 10

Candidate Starts for ANI8_13:

(Start: 10 @6174 has 187 MA's), (33, 6393), (38, 6423),

Gene: AbbyPaige_12 Start: 6436, Stop: 6876, Start Num: 10

Candidate Starts for AbbyPaige_12:

(7, 6349), (Start: 10 @6436 has 187 MA's), (13, 6481), (46, 6760), (51, 6781),

Gene: AbbysRanger_9 Start: 5429, Stop: 5890, Start Num: 9

Candidate Starts for AbbysRanger_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (27, 5600), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (66, 5858),

Gene: Abdiel_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Abdiel_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Achebe_9 Start: 5429, Stop: 5878, Start Num: 9

Candidate Starts for Achebe_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (57, 5801), (64, 5846),

Gene: Agape74_12 Start: 6436, Stop: 6876, Start Num: 10

Candidate Starts for Agape74_12:

(7, 6349), (Start: 10 @6436 has 187 MA's), (13, 6481), (46, 6760), (51, 6781),

Gene: Albee_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Albee_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Alberto7_10 Start: 5725, Stop: 6186, Start Num: 9

Candidate Starts for Alberto7_10:

(Start: 9 @5725 has 147 MA's), (23, 5857), (28, 5902), (30, 5932), (33, 5947), (36, 5968), (42, 6028), (43, 6031),

Gene: Aneem_11 Start: 7621, Stop: 8007, Start Num: 10

Candidate Starts for Aneem_11:

(Start: 10 @7621 has 187 MA's), (16, 7690), (38, 7870), (44, 7936),

Gene: Annyong_9 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for Annyong_9:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (42, 5724), (43, 5727),

Gene: Artemis2UCLA_14 Start: 6948, Stop: 7379, Start Num: 10

Candidate Starts for Artemis2UCLA_14:

(Start: 10 @6948 has 187 MA's), (33, 7167), (35, 7179), (36, 7188), (44, 7263),

Gene: Arturo_8 Start: 5531, Stop: 5992, Start Num: 9

Candidate Starts for Arturo_8:

(Start: 9 @5531 has 147 MA's), (23, 5663), (28, 5708), (30, 5738), (33, 5753), (36, 5774), (42, 5834), (43, 5837),

Gene: AvatarAhPeg_9 Start: 5393, Stop: 5845, Start Num: 9

Candidate Starts for AvatarAhPeg_9:

(Start: 9 @5393 has 147 MA's), (16, 5462), (27, 5564), (28, 5570), (36, 5636), (43, 5699), (59, 5774),

Gene: Avle17_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Avle17_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: BABullseye_14 Start: 7065, Stop: 7499, Start Num: 10

Candidate Starts for BABullseye_14:

(Start: 10 @7065 has 187 MA's), (20, 7179), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Baby16_9 Start: 5429, Stop: 5890, Start Num: 9

Candidate Starts for Baby16_9:

(Start: 9 @5429 has 147 MA's), (23, 5561), (28, 5606), (30, 5636), (33, 5651), (36, 5672), (42, 5732), (43, 5735),

Gene: BabyBack_12 Start: 7641, Stop: 8111, Start Num: 10

Candidate Starts for BabyBack_12:

(5, 7464), (Start: 10 @7641 has 187 MA's), (33, 7860), (35, 7872), (46, 7965),

Gene: Bachome_11 Start: 7618, Stop: 8004, Start Num: 10

Candidate Starts for Bachome_11:

(Start: 10 @7618 has 187 MA's), (16, 7687), (38, 7867), (44, 7933),

Gene: Backyardigan_9 Start: 5429, Stop: 5890, Start Num: 9

Candidate Starts for Backyardigan_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (66, 5858),

Gene: Bactobuster_11 Start: 7711, Stop: 8190, Start Num: 9

Candidate Starts for Bactobuster_11:

(Start: 9 @7711 has 147 MA's), (28, 7888), (33, 7930), (35, 7942), (46, 8035),

Gene: Badger_9 Start: 5430, Stop: 5879, Start Num: 9

Candidate Starts for Badger_9:

(Start: 9 @5430 has 147 MA's), (16, 5499), (35, 5664), (36, 5673), (41, 5724), (43, 5736), (57, 5802), (64, 5847),

Gene: Baehexic_11 Start: 6510, Stop: 6947, Start Num: 10

Candidate Starts for Baehexic_11:

(7, 6414), (Start: 10 @6510 has 187 MA's), (13, 6555), (42, 6810), (46, 6834),

Gene: BangNhom_8 Start: 5406, Stop: 5858, Start Num: 9

Candidate Starts for BangNhom_8:

(7, 5313), (Start: 9 @5406 has 147 MA's), (16, 5475), (27, 5577), (28, 5583), (36, 5649), (43, 5712), (59, 5787),

Gene: Bartimeaus_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Bartimeaus_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Bellis_27 Start: 26437, Stop: 26853, Start Num: 10

Candidate Starts for Bellis_27:

(Start: 10 @26437 has 187 MA's), (13, 26482), (15, 26494), (16, 26506), (23, 26569), (34, 26668), (38, 26689), (56, 26794),

Gene: BellusTerra_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for BellusTerra_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: BengiVuitton_11 Start: 6419, Stop: 6868, Start Num: 10

Candidate Starts for BengiVuitton_11:

(5, 6257), (Start: 10 @6419 has 187 MA's), (33, 6638), (38, 6668), (44, 6734), (51, 6764),

Gene: BennyP_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for BennyP_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Benvolio_10 Start: 6083, Stop: 6544, Start Num: 10

Candidate Starts for Benvolio_10:

(5, 5912), (Start: 10 @6083 has 187 MA's), (33, 6302), (40, 6365), (44, 6398),

Gene: Bernal13_28 Start: 25159, Stop: 25599, Start Num: 10

Candidate Starts for Bernal13_28:

(4, 24922), (7, 25063), (8, 25141), (Start: 10 @25159 has 187 MA's), (22, 25288), (28, 25336), (35, 25393), (41, 25453), (43, 25465), (47, 25489), (65, 25579), (67, 25594),

Gene: BiancaTri92_12 Start: 7749, Stop: 8213, Start Num: 10

Candidate Starts for BiancaTri92_12:

(7, 7656), (Start: 10 @7749 has 187 MA's), (16, 7818), (33, 7971), (34, 7980), (42, 8052), (46, 8076),

Gene: Blackmoor_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Blackmoor_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: BlessJoy_14 Start: 7046, Stop: 7477, Start Num: 10

Candidate Starts for BlessJoy_14:

(Start: 10 @7046 has 187 MA's), (33, 7265), (35, 7277), (36, 7286), (44, 7361),

Gene: Blinn1_14 Start: 7098, Stop: 7529, Start Num: 10

Candidate Starts for Blinn1_14:

(Start: 10 @7098 has 187 MA's), (33, 7317), (35, 7329), (36, 7338), (38, 7347), (44, 7413),

Gene: Blue7_14 Start: 7039, Stop: 7470, Start Num: 10

Candidate Starts for Blue7_14:

(Start: 10 @7039 has 187 MA's), (33, 7258), (35, 7270), (36, 7279), (44, 7354),

Gene: BobSwaget_13 Start: 7689, Stop: 8114, Start Num: 10

Candidate Starts for BobSwaget_13:

(7, 7596), (Start: 10 @7689 has 187 MA's), (13, 7734), (27, 7860), (33, 7908), (38, 7938),

Gene: Bombshell_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Bombshell_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: BourbonZero_26 Start: 26394, Stop: 26810, Start Num: 10

Candidate Starts for BourbonZero_26:

(Start: 10 @26394 has 187 MA's), (13, 26439), (15, 26451), (16, 26463), (38, 26646), (56, 26751),

Gene: Bowtie_11 Start: 7621, Stop: 8007, Start Num: 10

Candidate Starts for Bowtie_11:

(Start: 10 @7621 has 187 MA's), (16, 7690), (38, 7870), (44, 7936),

Gene: Bradman_9 Start: 5207, Stop: 5602, Start Num: 10

Candidate Starts for Bradman_9:

(Start: 10 @5207 has 187 MA's), (23, 5339), (33, 5426), (38, 5456), (58, 5573),

Gene: Broseidon_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Broseidon_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Bruiser_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Bruiser_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: BubbleTrouble_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for BubbleTrouble_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Buckaroo_8 Start: 5424, Stop: 5885, Start Num: 9

Candidate Starts for Buckaroo_8:

(Start: 9 @5424 has 147 MA's), (23, 5556), (28, 5601), (30, 5631), (33, 5646), (36, 5667), (42, 5727), (43, 5730),

Gene: Bud_11 Start: 7627, Stop: 8013, Start Num: 10

Candidate Starts for Bud_11:

(Start: 10 @7627 has 187 MA's), (16, 7696), (38, 7876), (44, 7942),

Gene: Bugsy_12 Start: 6435, Stop: 6875, Start Num: 10

Candidate Starts for Bugsy_12:

(7, 6348), (Start: 10 @6435 has 187 MA's), (13, 6480), (46, 6759), (51, 6780),

Gene: Bumblebee11_9 Start: 5429, Stop: 5890, Start Num: 9

Candidate Starts for Bumblebee11_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (27, 5600), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (66, 5858),

Gene: Burger_8 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Burger_8:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: C3_08 Start: 6174, Stop: 6599, Start Num: 10

Candidate Starts for C3_08:

(Start: 10 @6174 has 187 MA's), (33, 6393), (38, 6423),

Gene: CRB1_10 Start: 5971, Stop: 6411, Start Num: 10

Candidate Starts for CRB1_10:

(Start: 10 @5971 has 187 MA's), (13, 6016), (24, 6109), (28, 6148), (42, 6271), (46, 6295),

Gene: Caelakin_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Caelakin_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Camperdownii_8 Start: 5046, Stop: 5498, Start Num: 9

Candidate Starts for Camperdownii_8:

(7, 4953), (Start: 9 @5046 has 147 MA's), (16, 5115), (27, 5217), (28, 5223), (36, 5289), (43, 5352), (59, 5427),

Gene: Candra_14 Start: 7098, Stop: 7529, Start Num: 10

Candidate Starts for Candra_14:

(Start: 10 @7098 has 187 MA's), (33, 7317), (35, 7329), (36, 7338), (44, 7413),

Gene: Celestiallunch_10 Start: 5831, Stop: 6214, Start Num: 10

Candidate Starts for Celestiallunch_10:

(2, 5540), (3, 5585), (6, 5696), (Start: 10 @5831 has 187 MA's), (15, 5888), (32, 6044), (37, 6080),

Gene: Centaur_12 Start: 6489, Stop: 6926, Start Num: 10

Candidate Starts for Centaur_12:

(7, 6393), (Start: 10 @6489 has 187 MA's), (13, 6534), (42, 6789), (46, 6813),

Gene: CentreCat_9 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for CentreCat_9:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (42, 5724), (43, 5727),

Gene: Cerulean_9 Start: 5407, Stop: 5859, Start Num: 9

Candidate Starts for Cerulean_9:

(7, 5314), (Start: 9 @5407 has 147 MA's), (16, 5476), (27, 5578), (28, 5584), (36, 5650), (43, 5713), (59, 5788),

Gene: ChampagnePapi_9 Start: 5406, Stop: 5858, Start Num: 9

Candidate Starts for ChampagnePapi_9:

(7, 5313), (Start: 9 @5406 has 147 MA's), (16, 5475), (27, 5577), (28, 5583), (36, 5649), (43, 5712), (59, 5787),

Gene: Chaph_9 Start: 5429, Stop: 5890, Start Num: 9

Candidate Starts for Chaph_9:

(Start: 9 @5429 has 147 MA's), (23, 5561), (28, 5606), (30, 5636), (33, 5651), (36, 5672), (42, 5732), (43, 5735),

Gene: Charm_11 Start: 5913, Stop: 6296, Start Num: 10

Candidate Starts for Charm_11:

(2, 5622), (3, 5667), (6, 5778), (Start: 10 @5913 has 187 MA's), (15, 5970), (25, 6054),

Gene: Chartreuse_14 Start: 7012, Stop: 7443, Start Num: 10

Candidate Starts for Chartreuse_14:

(Start: 10 @7012 has 187 MA's), (33, 7231), (35, 7243), (36, 7252), (44, 7327),

Gene: ChipMunk_12 Start: 6373, Stop: 6813, Start Num: 10

Candidate Starts for ChipMunk_12:

(Start: 10 @6373 has 187 MA's), (13, 6418), (42, 6673), (46, 6697), (51, 6718),

Gene: Cici_9 Start: 5429, Stop: 5878, Start Num: 9

Candidate Starts for Cici_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (57, 5801), (64, 5846),

Gene: Cindaradix_8 Start: 5135, Stop: 5587, Start Num: 9

Candidate Starts for Cindaradix_8:

(7, 5042), (Start: 9 @5135 has 147 MA's), (16, 5204), (27, 5306), (28, 5312), (36, 5378), (43, 5441), (59, 5516),

Gene: Cintron_9 Start: 5501, Stop: 5926, Start Num: 9

Candidate Starts for Cintron_9:

(7, 5408), (8, 5486), (Start: 9 @5501 has 147 MA's), (28, 5678), (45, 5825), (49, 5837), (64, 5891),

Gene: Citius_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Citius_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Clarenza_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Clarenza_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Clautastrophe_27 Start: 26434, Stop: 26850, Start Num: 10

Candidate Starts for Clautastrophe_27:

(Start: 10 @26434 has 187 MA's), (13, 26479), (15, 26491), (16, 26503), (23, 26566), (34, 26665), (38, 26686), (56, 26791),

Gene: CloudWang3_14 Start: 7043, Stop: 7474, Start Num: 10

Candidate Starts for CloudWang3_14:

(Start: 10 @7043 has 187 MA's), (33, 7262), (35, 7274), (36, 7283), (44, 7358),

Gene: Cocoaberry_9 Start: 5424, Stop: 5885, Start Num: 9

Candidate Starts for Cocoaberry_9:

(Start: 9 @5424 has 147 MA's), (23, 5556), (28, 5601), (30, 5631), (33, 5646), (36, 5667), (42, 5727), (43, 5730),

Gene: Commander_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Commander_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Connomayer_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Connomayer_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Cookiedough_14 Start: 7065, Stop: 7499, Start Num: 10

Candidate Starts for Cookiedough_14:

(Start: 10 @7065 has 187 MA's), (20, 7179), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Crucio_10 Start: 5938, Stop: 6375, Start Num: 10

Candidate Starts for Crucio_10:

(7, 5842), (Start: 10 @5938 has 187 MA's), (14, 5992), (28, 6115), (33, 6157), (36, 6178), (43, 6241), (54, 6283), (59, 6304),

Gene: D29_11 Start: 6175, Stop: 6600, Start Num: 10

Candidate Starts for D29_11:

(Start: 10 @6175 has 187 MA's), (33, 6394), (38, 6424),

Gene: D32_13 Start: 6175, Stop: 6600, Start Num: 10

Candidate Starts for D32_13:

(Start: 10 @6175 has 187 MA's), (33, 6394), (38, 6424),

Gene: DBQu4n_13 Start: 6175, Stop: 6600, Start Num: 10

Candidate Starts for DBQu4n_13:

(Start: 10 @6175 has 187 MA's), (33, 6394), (38, 6424),

Gene: DaVinci_14 Start: 7066, Stop: 7497, Start Num: 10

Candidate Starts for DaVinci_14:

(Start: 10 @7066 has 187 MA's), (33, 7285), (35, 7297), (36, 7306), (44, 7381),

Gene: Datway_9 Start: 5429, Stop: 5890, Start Num: 9

Candidate Starts for Datway_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (66, 5858),

Gene: Deano_9 Start: 5426, Stop: 5887, Start Num: 9

Candidate Starts for Deano_9:

(Start: 9 @5426 has 147 MA's), (23, 5558), (28, 5603), (30, 5633), (33, 5648), (36, 5669), (42, 5729), (43, 5732),

Gene: DeerParkTS_11 Start: 6039, Stop: 6452, Start Num: 10

Candidate Starts for DeerParkTS_11:

(7, 5946), (Start: 10 @6039 has 187 MA's), (16, 6108), (28, 6216), (42, 6339), (46, 6363),

Gene: Deloris_11 Start: 6419, Stop: 6868, Start Num: 10

Candidate Starts for Deloris_11:

(Start: 10 @6419 has 187 MA's), (33, 6638), (38, 6668), (44, 6734), (51, 6764),

Gene: DelvinSonDorr_13 Start: 7066, Stop: 7500, Start Num: 10

Candidate Starts for DelvinSonDorr_13:

(Start: 10 @7066 has 187 MA's), (20, 7180), (33, 7285), (35, 7297), (36, 7306), (44, 7381),

Gene: Dhanush_9 Start: 5423, Stop: 5884, Start Num: 9

Candidate Starts for Dhanush_9:

(Start: 9 @5423 has 147 MA's), (23, 5555), (28, 5600), (30, 5630), (33, 5645), (36, 5666), (42, 5726), (43, 5729),

Gene: Dignity_12 Start: 6380, Stop: 6820, Start Num: 10

Candidate Starts for Dignity_12:

(7, 6293), (Start: 10 @6380 has 187 MA's), (13, 6425), (46, 6704), (51, 6725),

Gene: DirtyDunning_9 Start: 5425, Stop: 5877, Start Num: 9

Candidate Starts for DirtyDunning_9:

(Start: 9 @5425 has 147 MA's), (23, 5557), (28, 5602), (36, 5668), (43, 5731), (59, 5806), (64, 5836),

Gene: Dorothea_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Dorothea_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Drake55_12 Start: 6506, Stop: 6943, Start Num: 10

Candidate Starts for Drake55_12:

(7, 6410), (Start: 10 @6506 has 187 MA's), (13, 6551), (42, 6806), (46, 6830),

Gene: DreamTeam1_11 Start: 5913, Stop: 6296, Start Num: 10

Candidate Starts for DreamTeam1_11:

(2, 5622), (3, 5667), (6, 5778), (Start: 10 @5913 has 187 MA's), (15, 5970), (25, 6054),

Gene: Druantia_9 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for Druantia_9:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (42, 5724), (43, 5727),

Gene: DuncansLeg_27 Start: 26417, Stop: 26833, Start Num: 10

Candidate Starts for DuncansLeg_27:

(Start: 10 @26417 has 187 MA's), (13, 26462), (15, 26474), (16, 26486), (38, 26669), (56, 26774),

Gene: Duplo_13 Start: 6216, Stop: 6641, Start Num: 10

Candidate Starts for Duplo_13:

(Start: 10 @6216 has 187 MA's), (33, 6435), (38, 6465),

Gene: Eagle_8 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Eagle_8:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Eapen_9 Start: 5422, Stop: 5883, Start Num: 9

Candidate Starts for Eapen_9:

(Start: 9 @5422 has 147 MA's), (23, 5554), (28, 5599), (30, 5629), (33, 5644), (36, 5665), (42, 5725), (43, 5728),

Gene: Ebony_11 Start: 7679, Stop: 8065, Start Num: 10

Candidate Starts for Ebony_11:

(Start: 10 @7679 has 187 MA's), (16, 7748), (38, 7928), (44, 7994),

Gene: Echild_10 Start: 6083, Stop: 6544, Start Num: 10

Candidate Starts for Echild_10:

(5, 5912), (Start: 10 @6083 has 187 MA's), (33, 6302), (40, 6365), (44, 6398),

Gene: Ellson_27 Start: 26404, Stop: 26820, Start Num: 10

Candidate Starts for Ellson_27:

(Start: 10 @26404 has 187 MA's), (13, 26449), (15, 26461), (16, 26473), (38, 26656), (56, 26761),

Gene: Equemioh13_12 Start: 6492, Stop: 6929, Start Num: 10

Candidate Starts for Equemioh13_12:

(7, 6396), (Start: 10 @6492 has 187 MA's), (13, 6537), (42, 6792), (46, 6816),

Gene: EricB_14 Start: 7066, Stop: 7500, Start Num: 10

Candidate Starts for EricB_14:

(Start: 10 @7066 has 187 MA's), (20, 7180), (33, 7285), (35, 7297), (36, 7306), (44, 7381),

Gene: Eris_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Eris_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Eros_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Eros_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Et2Brutus_10 Start: 7624, Stop: 8010, Start Num: 10

Candidate Starts for Et2Brutus_10:

(Start: 10 @7624 has 187 MA's), (16, 7693), (38, 7873), (44, 7939),

Gene: Eurydice_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Eurydice_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: EvilGenius_12 Start: 6384, Stop: 6953, Start Num: 10

Candidate Starts for EvilGenius_12:

(Start: 10 @6384 has 187 MA's), (13, 6429), (42, 6684), (46, 6708), (51, 6729),

Gene: Fibonacci_11 Start: 7624, Stop: 8010, Start Num: 10

Candidate Starts for Fibonacci_11:

(Start: 10 @7624 has 187 MA's), (16, 7693), (38, 7873), (44, 7939),

Gene: Finnry_27 Start: 26438, Stop: 26854, Start Num: 10

Candidate Starts for Finnry_27:

(Start: 10 @26438 has 187 MA's), (13, 26483), (15, 26495), (16, 26507), (23, 26570), (34, 26669), (38, 26690), (56, 26795),

Gene: FiringLine_10 Start: 5938, Stop: 6375, Start Num: 10

Candidate Starts for FiringLine_10:

(7, 5842), (Start: 10 @5938 has 187 MA's), (14, 5992), (28, 6115), (33, 6157), (36, 6178), (43, 6241), (54, 6283), (59, 6304),

Gene: First_0010 Start: 5985, Stop: 6446, Start Num: 10

Candidate Starts for First_0010:

(5, 5817), (Start: 10 @5985 has 187 MA's), (16, 6054), (28, 6162), (34, 6213), (42, 6285), (43, 6288), (46, 6309),

Gene: Flare16_10 Start: 6050, Stop: 6487, Start Num: 10

Candidate Starts for Flare16_10:

(7, 5954), (Start: 10 @6050 has 187 MA's), (13, 6095), (28, 6227), (42, 6350), (46, 6374),

Gene: Flaverint_11 Start: 7621, Stop: 8007, Start Num: 10

Candidate Starts for Flaverint_11:

(Start: 10 @7621 has 187 MA's), (16, 7690), (38, 7870), (44, 7936),

Gene: Florean_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Florean_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Flux_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Flux_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: FlyCatcher_13 Start: 7094, Stop: 7537, Start Num: 10

Candidate Starts for FlyCatcher_13:

(Start: 10 @7094 has 187 MA's), (23, 7238), (25, 7247), (26, 7271), (35, 7337), (41, 7397), (51, 7436), (52, 7442), (53, 7451),

Gene: Funston_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Funston_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Gadost_9 Start: 5424, Stop: 5885, Start Num: 9

Candidate Starts for Gadost_9:

(Start: 9 @5424 has 147 MA's), (23, 5556), (28, 5601), (30, 5631), (33, 5646), (36, 5667), (42, 5727), (43, 5730),

Gene: Garak_15 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Garak_15:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: GaugeLDP_12 Start: 7318, Stop: 7788, Start Num: 10

Candidate Starts for GaugeLDP_12:

(7, 7225), (8, 7303), (Start: 10 @7318 has 187 MA's), (11, 7330), (27, 7489), (28, 7495), (33, 7537), (35, 7549), (46, 7642),

Gene: Georgie2_11 Start: 5939, Stop: 6376, Start Num: 10

Candidate Starts for Georgie2_11:

(7, 5843), (Start: 10 @5939 has 187 MA's), (14, 5993), (28, 6116), (33, 6158), (36, 6179), (43, 6242), (54, 6284), (59, 6305),

Gene: Gilberta_11 Start: 7618, Stop: 8004, Start Num: 10

Candidate Starts for Gilberta_11:

(Start: 10 @7618 has 187 MA's), (16, 7687), (38, 7867), (44, 7933),

Gene: Gladiator_14 Start: 7039, Stop: 7470, Start Num: 10

Candidate Starts for Gladiator_14:

(Start: 10 @7039 has 187 MA's), (33, 7258), (35, 7270), (36, 7279), (44, 7354),

Gene: Gratitude_11 Start: 6492, Stop: 6929, Start Num: 10

Candidate Starts for Gratitude_11:

(7, 6396), (Start: 10 @6492 has 187 MA's), (13, 6537), (42, 6792), (46, 6816),

Gene: GreedyLawyer_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for GreedyLawyer_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Gruunaga_14 Start: 7039, Stop: 7470, Start Num: 10

Candidate Starts for Gruunaga_14:

(Start: 10 @7039 has 187 MA's), (33, 7258), (35, 7270), (36, 7279), (44, 7354),

Gene: HamSlice_8 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for HamSlice_8:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (42, 5724), (43, 5727),

Gene: Hammer_14 Start: 7039, Stop: 7470, Start Num: 10

Candidate Starts for Hammer_14:

(Start: 10 @7039 has 187 MA's), (33, 7258), (35, 7270), (36, 7279), (44, 7354),

Gene: Happiness_9 Start: 5425, Stop: 5886, Start Num: 9

Candidate Starts for Happiness_9:

(Start: 9 @5425 has 147 MA's), (23, 5557), (28, 5602), (30, 5632), (33, 5647), (36, 5668), (42, 5728), (43, 5731),

Gene: HarryHoudini_12 Start: 6506, Stop: 6943, Start Num: 10

Candidate Starts for HarryHoudini_12:

(7, 6410), (Start: 10 @6506 has 187 MA's), (13, 6551), (42, 6806), (46, 6830),

Gene: Helmet_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Helmet_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Hexamo_14 Start: 7020, Stop: 7451, Start Num: 10

Candidate Starts for Hexamo_14:

(Start: 10 @7020 has 187 MA's), (33, 7239), (35, 7251), (36, 7260), (44, 7335),

Gene: HippoHollow_11 Start: 7759, Stop: 8196, Start Num: 10

Candidate Starts for HippoHollow_11:

(Start: 10 @7759 has 187 MA's), (46, 8083), (51, 8104),

Gene: Holli_9 Start: 5213, Stop: 5674, Start Num: 9

Candidate Starts for Holli_9:

(Start: 9 @5213 has 147 MA's), (23, 5345), (28, 5390), (30, 5420), (33, 5435), (36, 5456), (42, 5516), (43, 5519),

Gene: Hoot_14 Start: 7044, Stop: 7475, Start Num: 10

Candidate Starts for Hoot_14:

(Start: 10 @7044 has 187 MA's), (33, 7263), (35, 7275), (36, 7284), (44, 7359),

Gene: Houdini22_9 Start: 5424, Stop: 5885, Start Num: 9

Candidate Starts for Houdini22_9:

(Start: 9 @5424 has 147 MA's), (23, 5556), (28, 5601), (30, 5631), (33, 5646), (36, 5667), (42, 5727), (43, 5730),

Gene: Hutc2_11 Start: 7624, Stop: 8010, Start Num: 10

Candidate Starts for Hutc2_11:

(Start: 10 @7624 has 187 MA's), (16, 7693), (38, 7873), (44, 7939),

Gene: Huxley_9 Start: 5493, Stop: 5945, Start Num: 9

Candidate Starts for Huxley_9:

(7, 5400), (Start: 9 @5493 has 147 MA's), (16, 5562), (27, 5664), (28, 5670), (36, 5736), (43, 5799), (59, 5874),

Gene: ICleared_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for ICleared_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Ibrahim_28 Start: 25159, Stop: 25599, Start Num: 10

Candidate Starts for Ibrahim_28:

(4, 24922), (7, 25063), (8, 25141), (Start: 10 @25159 has 187 MA's), (22, 25288), (28, 25336), (35, 25393), (41, 25453), (43, 25465), (47, 25489), (65, 25579), (67, 25594),

Gene: Iceman_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Iceman_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Imbriano_13 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Imbriano_13:

(Start: 10 @7065 has 187 MA's), (20, 7179), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Indra_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Indra_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Insomnia_11 Start: 7673, Stop: 8059, Start Num: 10

Candidate Starts for Insomnia_11:

(Start: 10 @7673 has 187 MA's), (16, 7742), (38, 7922), (44, 7988),

Gene: Iracema64_9 Start: 5406, Stop: 5858, Start Num: 9

Candidate Starts for Iracema64_9:

(7, 5313), (Start: 9 @5406 has 147 MA's), (16, 5475), (28, 5583), (36, 5649), (43, 5712), (59, 5787), (64, 5817),

Gene: IronMan_12 Start: 7666, Stop: 8154, Start Num: 9

Candidate Starts for IronMan_12:

(Start: 9 @7666 has 147 MA's), (13, 7711), (14, 7720), (33, 7885), (46, 7990),

Gene: Isiphiwo_14 Start: 7065, Stop: 7499, Start Num: 10

Candidate Starts for Isiphiwo_14:

(Start: 10 @7065 has 187 MA's), (20, 7179), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Jaan_13 Start: 8050, Stop: 8544, Start Num: 10

Candidate Starts for Jaan_13:

(5, 7873), (Start: 10 @8050 has 187 MA's), (14, 8104), (28, 8227), (41, 8341), (46, 8374),

Gene: Jabith_11 Start: 7673, Stop: 8059, Start Num: 10

Candidate Starts for Jabith_11:

(Start: 10 @7673 has 187 MA's), (16, 7742), (38, 7922), (44, 7988),

Gene: Jaykayelowell_9 Start: 5419, Stop: 5880, Start Num: 9

Candidate Starts for Jaykayelowell_9:

(Start: 9 @5419 has 147 MA's), (23, 5551), (28, 5596), (30, 5626), (33, 5641), (36, 5662), (42, 5722), (43, 5725),

Gene: Jeffabunny_14 Start: 7068, Stop: 7499, Start Num: 10

Candidate Starts for Jeffabunny_14:

(Start: 10 @7068 has 187 MA's), (33, 7287), (35, 7299), (36, 7308), (44, 7383),

Gene: Jerm_12 Start: 6372, Stop: 6836, Start Num: 10

Candidate Starts for Jerm_12:

(Start: 10 @6372 has 187 MA's), (16, 6441), (28, 6549), (33, 6591), (34, 6600), (42, 6672), (46, 6696),

Gene: JetBlade_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for JetBlade_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: JewelBug_14 Start: 7066, Stop: 7497, Start Num: 10

Candidate Starts for JewelBug_14:

(Start: 10 @7066 has 187 MA's), (20, 7180), (33, 7285), (35, 7297), (36, 7306), (44, 7381),

Gene: Jobypre_27 Start: 26434, Stop: 26850, Start Num: 10

Candidate Starts for Jobypre_27:

(Start: 10 @26434 has 187 MA's), (13, 26479), (15, 26491), (16, 26503), (23, 26566), (34, 26665), (38, 26686), (56, 26791),

Gene: JoongJeon_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for JoongJeon_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Jordennis_14 Start: 7065, Stop: 7499, Start Num: 10

Candidate Starts for Jordennis_14:

(Start: 10 @7065 has 187 MA's), (20, 7179), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Joselito_11 Start: 7621, Stop: 8007, Start Num: 10

Candidate Starts for Joselito_11:

(Start: 10 @7621 has 187 MA's), (16, 7690), (38, 7870), (44, 7936),

Gene: JoshKayV_12 Start: 6385, Stop: 6825, Start Num: 10

Candidate Starts for JoshKayV_12:

(7, 6295), (Start: 10 @6385 has 187 MA's), (12, 6427), (13, 6430), (46, 6709), (51, 6730), (62, 6790),

Gene: Journey13_8 Start: 5230, Stop: 5628, Start Num: 10

Candidate Starts for Journey13_8:

(Start: 10 @5230 has 187 MA's), (28, 5407), (33, 5449),

Gene: Jsquared_9 Start: 5161, Stop: 5556, Start Num: 10

Candidate Starts for Jsquared_9:

(Start: 10 @5161 has 187 MA's), (23, 5293), (33, 5380), (38, 5410), (58, 5527),

Gene: Jubie_27 Start: 26435, Stop: 26851, Start Num: 10

Candidate Starts for Jubie_27:

(Start: 10 @26435 has 187 MA's), (13, 26480), (15, 26492), (16, 26504), (23, 26567), (34, 26666), (38, 26687), (56, 26792),

Gene: Junimo_8 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Junimo_8:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: KFPoly_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for KFPoly_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Kamy_9 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for Kamy_9:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (42, 5724), (43, 5727),

Gene: Katalie136_9 Start: 5429, Stop: 5890, Start Num: 9

Candidate Starts for Katalie136_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (66, 5858),

Gene: Kazan_14 Start: 7071, Stop: 7502, Start Num: 10

Candidate Starts for Kazan_14:

(Start: 10 @7071 has 187 MA's), (20, 7185), (33, 7290), (35, 7302), (36, 7311), (44, 7386),

Gene: KekoraPapaka_8 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for KekoraPapaka_8:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Kerberos_13 Start: 6175, Stop: 6600, Start Num: 10

Candidate Starts for Kerberos_13:

(Start: 10 @6175 has 187 MA's), (33, 6394), (38, 6424),

Gene: Keziacharles14_10 Start: 5897, Stop: 6280, Start Num: 10

Candidate Starts for Keziacharles14_10:

(6, 5762), (Start: 10 @5897 has 187 MA's), (14, 5951), (34, 6128), (48, 6230),

Gene: Kimba_11 Start: 7673, Stop: 8059, Start Num: 10

Candidate Starts for Kimba_11:

(Start: 10 @7673 has 187 MA's), (16, 7742), (38, 7922), (44, 7988),

Gene: KingCyrus_12 Start: 6373, Stop: 6813, Start Num: 10

Candidate Starts for KingCyrus_12:

(Start: 10 @6373 has 187 MA's), (13, 6418), (42, 6673), (46, 6697), (51, 6718),

Gene: Kingmustik0402_9 Start: 5412, Stop: 5873, Start Num: 9

Candidate Starts for Kingmustik0402_9:

(Start: 9 @5412 has 147 MA's), (23, 5544), (28, 5589), (30, 5619), (33, 5634), (36, 5655), (42, 5715), (43, 5718),

Gene: Kingsolomon_27 Start: 26434, Stop: 26850, Start Num: 10

Candidate Starts for Kingsolomon_27:

(Start: 10 @26434 has 187 MA's), (13, 26479), (15, 26491), (16, 26503), (23, 26566), (34, 26665), (38, 26686), (56, 26791),

Gene: Kinmap_9 Start: 5941, Stop: 6426, Start Num: 10

Candidate Starts for Kinmap_9:

(Start: 10 @5941 has 187 MA's), (14, 5995), (28, 6118), (36, 6184), (41, 6235), (44, 6259), (60, 6322), (64, 6349), (66, 6361),

Gene: Kipper29_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Kipper29_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: KirDoubleO7_25 Start: 26426, Stop: 26842, Start Num: 10

Candidate Starts for KirDoubleO7_25:

(Start: 10 @26426 has 187 MA's), (13, 26471), (15, 26483), (16, 26495), (38, 26678), (56, 26783),

Gene: Klodlith_11 Start: 5913, Stop: 6296, Start Num: 10

Candidate Starts for Klodlith_11:

(2, 5622), (3, 5667), (6, 5778), (Start: 10 @5913 has 187 MA's), (15, 5970), (25, 6054),

Gene: Koan_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Koan_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Koduck_11 Start: 5448, Stop: 5843, Start Num: 10

Candidate Starts for Koduck_11:

(Start: 10 @5448 has 187 MA's), (23, 5580), (29, 5652), (33, 5667), (38, 5697), (58, 5814),

Gene: Koko_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Koko_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Koreni_8 Start: 5069, Stop: 5530, Start Num: 9

Candidate Starts for Koreni_8:

(Start: 9 @5069 has 147 MA's), (23, 5201), (28, 5246), (30, 5276), (33, 5291), (36, 5312), (42, 5372), (43, 5375),

Gene: Kratark_9 Start: 5424, Stop: 5876, Start Num: 9

Candidate Starts for Kratak_9:

(Start: 9 @5424 has 147 MA's), (23, 5556), (28, 5601), (36, 5667), (43, 5730), (59, 5805),

Gene: Kremtemulon_9 Start: 5501, Stop: 5926, Start Num: 9

Candidate Starts for Kremtemulon_9:

(7, 5408), (8, 5486), (Start: 9 @5501 has 147 MA's), (28, 5678), (45, 5825), (49, 5837), (64, 5891),

Gene: Krypton555_27 Start: 26338, Stop: 26751, Start Num: 10

Candidate Starts for Krypton555_27:

(Start: 10 @26338 has 187 MA's), (13, 26383), (15, 26395), (16, 26407), (38, 26590),

Gene: Kyee_9 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for Kyee_9:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (42, 5724), (43, 5727),

Gene: L5_11 Start: 5456, Stop: 5851, Start Num: 10

Candidate Starts for L5_11:

(Start: 10 @5456 has 187 MA's), (23, 5588), (29, 5660), (33, 5675), (38, 5705), (58, 5822),

Gene: LHTSCC_9 Start: 5406, Stop: 5858, Start Num: 9

Candidate Starts for LHTSCC_9:

(7, 5313), (Start: 9 @5406 has 147 MA's), (16, 5475), (27, 5577), (28, 5583), (36, 5649), (43, 5712), (59, 5787),

Gene: LadyBird_10 Start: 5973, Stop: 6413, Start Num: 10

Candidate Starts for LadyBird_10:

(Start: 10 @5973 has 187 MA's), (42, 6273), (46, 6297),

Gene: Landor_11 Start: 7717, Stop: 8196, Start Num: 9

Candidate Starts for Landor_11:

(Start: 9 @7717 has 147 MA's), (28, 7894), (33, 7936), (35, 7948), (46, 8041),

Gene: LappelDuVide_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for LappelDuVide_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Larenn_11 Start: 6290, Stop: 6727, Start Num: 10

Candidate Starts for Larenn_11:

(7, 6197), (Start: 10 @6290 has 187 MA's), (13, 6335), (42, 6590), (46, 6614), (51, 6635),

Gene: Lemur_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Lemur_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: LeoAvram_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for LeoAvram_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Leogania_12 Start: 8106, Stop: 8570, Start Num: 10

Candidate Starts for Leogania_12:

(7, 8013), (Start: 10 @8106 has 187 MA's), (16, 8175), (33, 8328), (34, 8337), (42, 8409), (46, 8433),

Gene: Leviathan_12 Start: 6428, Stop: 6868, Start Num: 10

Candidate Starts for Leviathan_12:

(7, 6341), (Start: 10 @6428 has 187 MA's), (13, 6473), (46, 6752), (51, 6773),

Gene: LilTurb_12 Start: 6431, Stop: 6895, Start Num: 10

Candidate Starts for LilTurb_12:

(Start: 10 @6431 has 187 MA's), (16, 6500), (28, 6608), (33, 6650), (34, 6659), (42, 6731), (46, 6755),

Gene: Lilbunny_14 Start: 7046, Stop: 7477, Start Num: 10

Candidate Starts for Lilbunny_14:

(Start: 10 @7046 has 187 MA's), (33, 7265), (35, 7277), (36, 7286), (44, 7361),

Gene: LionsBait_11 Start: 7753, Stop: 8190, Start Num: 10

Candidate Starts for LionsBait_11:

(Start: 10 @7753 has 187 MA's), (46, 8077), (51, 8098),

Gene: LittleB_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for LittleB_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: LittleGuy_9 Start: 5399, Stop: 5824, Start Num: 9

Candidate Starts for LittleGuy_9:

(Start: 9 @5399 has 147 MA's), (28, 5576), (30, 5606), (41, 5693), (42, 5702), (43, 5705), (46, 5726), (49, 5735), (64, 5789),

Gene: LiyuLake_27 Start: 26396, Stop: 26812, Start Num: 10

Candidate Starts for LiyuLake_27:

(Start: 10 @26396 has 187 MA's), (13, 26441), (15, 26453), (16, 26465), (38, 26648), (56, 26753),

Gene: LochMonster_9 Start: 5404, Stop: 5856, Start Num: 9

Candidate Starts for LochMonster_9:

(7, 5311), (Start: 9 @5404 has 147 MA's), (16, 5473), (27, 5575), (28, 5581), (36, 5647), (43, 5710), (59, 5785), (64, 5815),

Gene: Lokk_13 Start: 7712, Stop: 8134, Start Num: 10

Candidate Starts for Lokk_13:

(7, 7619), (Start: 10 @7712 has 187 MA's), (13, 7757), (27, 7883), (33, 7931), (38, 7961),

Gene: Lolly9_27 Start: 26216, Stop: 26617, Start Num: 10

Candidate Starts for Lolly9_27:

(Start: 10 @26216 has 187 MA's), (13, 26261), (16, 26285), (38, 26468),

Gene: Lorenzo_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Lorenzo_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Lucivia_11 Start: 7670, Stop: 8056, Start Num: 10

Candidate Starts for Lucivia_11:

(Start: 10 @7670 has 187 MA's), (16, 7739), (38, 7919), (44, 7985),

Gene: Lumos_27 Start: 26431, Stop: 26847, Start Num: 10

Candidate Starts for Lumos_27:

(Start: 10 @26431 has 187 MA's), (13, 26476), (15, 26488), (16, 26500), (23, 26563), (34, 26662), (38, 26683), (56, 26788),

Gene: Lunsford_10 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Lunsford_10:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: MaCh_11 Start: 7618, Stop: 8004, Start Num: 10

Candidate Starts for MaCh_11:

(Start: 10 @7618 has 187 MA's), (16, 7687), (38, 7867), (44, 7933),

Gene: Mabel_11 Start: 7685, Stop: 8071, Start Num: 10

Candidate Starts for Mabel_11:

(Start: 10 @7685 has 187 MA's), (16, 7754), (38, 7934), (44, 8000),

Gene: MajorMajor_9 Start: 5207, Stop: 5602, Start Num: 10

Candidate Starts for MajorMajor_9:

(Start: 10 @5207 has 187 MA's), (23, 5339), (33, 5426), (38, 5456), (58, 5573),

Gene: Malec_11 Start: 6295, Stop: 6732, Start Num: 10

Candidate Starts for Malec_11:

(7, 6202), (Start: 10 @6295 has 187 MA's), (13, 6340), (42, 6595), (46, 6619), (51, 6640),

Gene: Maverick_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Maverick_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Maxo_9 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for Maxo_9:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (42, 5724), (43, 5727),

Gene: Mayonnaise_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Mayonnaise_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Mazhar510_9 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for Mazhar510_9:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (42, 5724), (43, 5727),

Gene: McFly_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for McFly_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Medusa_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Medusa_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: MeeZee_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for MeeZee_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: MegTheThird_10 Start: 5831, Stop: 6214, Start Num: 10

Candidate Starts for MegTheThird_10:

(2, 5540), (3, 5585), (6, 5696), (Start: 10 @5831 has 187 MA's), (15, 5888), (32, 6044), (37, 6080),

Gene: Melvin_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Melvin_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Mendokysei_27 Start: 24965, Stop: 25378, Start Num: 10

Candidate Starts for Mendokysei_27:

(8, 24947), (Start: 10 @24965 has 187 MA's), (15, 25022), (27, 25136), (28, 25142), (41, 25259), (43, 25271), (55, 25313),

Gene: MiculUcigas_10 Start: 6050, Stop: 6487, Start Num: 10

Candidate Starts for MiculUcigas_10:

(7, 5954), (Start: 10 @6050 has 187 MA's), (13, 6095), (42, 6350), (46, 6374),

Gene: Miko_13 Start: 7681, Stop: 8103, Start Num: 10

Candidate Starts for Miko_13:

(7, 7588), (Start: 10 @7681 has 187 MA's), (13, 7726), (27, 7852), (33, 7900), (38, 7930),

Gene: Millski_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Millski_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: MiniLon_27 Start: 26216, Stop: 26617, Start Num: 10

Candidate Starts for MiniLon_27:

(Start: 10 @26216 has 187 MA's), (13, 26261), (16, 26285), (38, 26468),

Gene: MiniMac_27 Start: 26217, Stop: 26618, Start Num: 10

Candidate Starts for MiniMac_27:

(Start: 10 @26217 has 187 MA's), (13, 26262), (16, 26286), (38, 26469),

Gene: Miramae_9 Start: 5393, Stop: 5845, Start Num: 9

Candidate Starts for Miramae_9:

(Start: 9 @5393 has 147 MA's), (16, 5462), (27, 5564), (28, 5570), (36, 5636), (43, 5699), (50, 5732), (59, 5774),

Gene: MissWhite_10 Start: 5274, Stop: 5672, Start Num: 10

Candidate Starts for MissWhite_10:

(Start: 10 @5274 has 187 MA's), (28, 5451), (33, 5493),

Gene: Moostard_27 Start: 26437, Stop: 26853, Start Num: 10

Candidate Starts for Moostard_27:

(Start: 10 @26437 has 187 MA's), (13, 26482), (15, 26494), (16, 26506), (23, 26569), (34, 26668), (38, 26689), (56, 26794),

Gene: Morpher26_9 Start: 5429, Stop: 5890, Start Num: 9

Candidate Starts for Morpher26_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (27, 5600), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (66, 5858),

Gene: Morrow_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Morrow_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: MsGreen_27 Start: 26434, Stop: 26850, Start Num: 10

Candidate Starts for MsGreen_27:

(Start: 10 @26434 has 187 MA's), (13, 26479), (15, 26491), (16, 26503), (23, 26566), (34, 26665), (38, 26686), (56, 26791),

Gene: Mulciber_11 Start: 7624, Stop: 8007, Start Num: 10

Candidate Starts for Mulciber_11:

(Start: 10 @7624 has 187 MA's), (16, 7693), (38, 7873), (44, 7939),

Gene: Munch_11 Start: 7621, Stop: 8007, Start Num: 10

Candidate Starts for Munch_11:

(Start: 10 @7621 has 187 MA's), (16, 7690), (38, 7870), (44, 7936),

Gene: Mundrea_9 Start: 5391, Stop: 5843, Start Num: 9

Candidate Starts for Mundrea_9:

(7, 5298), (Start: 9 @5391 has 147 MA's), (16, 5460), (27, 5562), (28, 5568), (36, 5634), (43, 5697), (59, 5772),

Gene: NaSiaTalie_10 Start: 6047, Stop: 6484, Start Num: 10

Candidate Starts for NaSiaTalie_10:

(7, 5951), (Start: 10 @6047 has 187 MA's), (13, 6092), (28, 6224), (42, 6347), (46, 6371),

Gene: Nairb_28 Start: 25159, Stop: 25599, Start Num: 10

Candidate Starts for Nairb_28:

(4, 24922), (7, 25063), (8, 25141), (Start: 10 @25159 has 187 MA's), (22, 25288), (28, 25336), (35, 25393), (41, 25453), (43, 25465), (47, 25489), (65, 25579), (67, 25594),

Gene: Naji_13 Start: 6175, Stop: 6600, Start Num: 10

Candidate Starts for Naji_13:

(Start: 10 @6175 has 187 MA's), (33, 6394), (38, 6424),

Gene: Nebs_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Nebs_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Neeharika16_14 Start: 7065, Stop: 7499, Start Num: 10

Candidate Starts for Neeharika16_14:

(Start: 10 @7065 has 187 MA's), (20, 7179), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Nemo27_9 Start: 5419, Stop: 5880, Start Num: 9

Candidate Starts for Nemo27_9:

(Start: 9 @5419 has 147 MA's), (23, 5551), (28, 5596), (30, 5626), (33, 5641), (36, 5662), (42, 5722), (43, 5725),

Gene: Nette_29 Start: 24974, Stop: 25387, Start Num: 10

Candidate Starts for Nette_29:

(8, 24956), (Start: 10 @24974 has 187 MA's), (15, 25031), (27, 25145), (28, 25151), (41, 25268), (43, 25280), (55, 25322),

Gene: Newrala_14 Start: 7065, Stop: 7499, Start Num: 10

Candidate Starts for Newrala_14:

(Start: 10 @7065 has 187 MA's), (20, 7179), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Nicholas_27 Start: 26434, Stop: 26850, Start Num: 10

Candidate Starts for Nicholas_27:

(Start: 10 @26434 has 187 MA's), (13, 26479), (15, 26491), (16, 26503), (23, 26566), (34, 26665), (38, 26686), (56, 26791),

Gene: Noelle_9 Start: 5486, Stop: 5947, Start Num: 9

Candidate Starts for Noelle_9:

(Start: 9 @5486 has 147 MA's), (23, 5618), (28, 5663), (30, 5693), (33, 5708), (36, 5729), (42, 5789), (43, 5792),

Gene: NorthStar_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for NorthStar_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Northrop_9 Start: 5419, Stop: 5880, Start Num: 9

Candidate Starts for Northrop_9:

(Start: 9 @5419 has 147 MA's), (23, 5551), (28, 5596), (30, 5626), (33, 5641), (36, 5662), (42, 5722), (43, 5725),

Gene: NotAPhaseMom_9 Start: 5424, Stop: 5885, Start Num: 9

Candidate Starts for NotAPhaseMom_9:

(Start: 9 @5424 has 147 MA's), (23, 5556), (28, 5601), (30, 5631), (33, 5646), (36, 5667), (42, 5727), (43, 5730),

Gene: NothingSpecial_12 Start: 7983, Stop: 8459, Start Num: 10

Candidate Starts for NothingSpecial_12:

(7, 7890), (Start: 10 @7983 has 187 MA's), (16, 8052), (33, 8202), (42, 8283), (43, 8286), (46, 8307), (51, 8328),

Gene: Nyxis_9 Start: 5402, Stop: 5827, Start Num: 9

Candidate Starts for Nyxis_9:

(Start: 9 @5402 has 147 MA's), (28, 5579), (30, 5609), (41, 5696), (42, 5705), (43, 5708), (46, 5729), (49, 5738), (64, 5792),

Gene: OKaNui_9 Start: 5185, Stop: 5646, Start Num: 9

Candidate Starts for OKaNui_9:

(Start: 9 @5185 has 147 MA's), (23, 5317), (28, 5362), (30, 5392), (33, 5407), (36, 5428), (42, 5488), (43, 5491),

Gene: Obama12_9 Start: 5408, Stop: 5860, Start Num: 9

Candidate Starts for Obama12_9:

(7, 5315), (Start: 9 @5408 has 147 MA's), (16, 5477), (27, 5579), (28, 5585), (36, 5651), (43, 5714), (59, 5789),

Gene: Ohfah_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Ohfah_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Orange_11 Start: 7621, Stop: 8007, Start Num: 10

Candidate Starts for Orange_11:

(Start: 10 @7621 has 187 MA's), (16, 7690), (38, 7870), (44, 7936),

Gene: PP_19 Start: 11239, Stop: 11685, Start Num: 10

Candidate Starts for PP_19:

(Start: 10 @11239 has 187 MA's), (17, 11311), (27, 11410), (28, 11416), (32, 11452), (36, 11482), (41, 11533), (43, 11545), (44, 11557),

Gene: Palestino_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Palestino_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Peaches_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Peaches_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Perplexer_9 Start: 5423, Stop: 5884, Start Num: 9

Candidate Starts for Perplexer_9:

(Start: 9 @5423 has 147 MA's), (16, 5492), (35, 5657), (36, 5666), (41, 5717), (43, 5729), (66, 5852),

Gene: PeterPeter_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for PeterPeter_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Petersenfast_11 Start: 7624, Stop: 8010, Start Num: 10

Candidate Starts for Petersenfast_11:

(Start: 10 @7624 has 187 MA's), (16, 7693), (38, 7873), (44, 7939),

Gene: PetiteSangsue_9 Start: 5429, Stop: 5890, Start Num: 9

Candidate Starts for PetiteSangsue_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (66, 5858),

Gene: Phacado_9 Start: 5419, Stop: 5880, Start Num: 9

Candidate Starts for Phacado_9:

(Start: 9 @5419 has 147 MA's), (23, 5551), (28, 5596), (30, 5626), (33, 5641), (36, 5662), (42, 5722), (43, 5725),

Gene: Phaded_13 Start: 8049, Stop: 8543, Start Num: 10

Candidate Starts for Phaded_13:

(5, 7872), (Start: 10 @8049 has 187 MA's), (14, 8103), (28, 8226), (33, 8268), (41, 8340), (46, 8373),

Gene: Phelipe_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Phelipe_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Phighter1804_9 Start: 5405, Stop: 5857, Start Num: 9

Candidate Starts for Phighter1804_9:

(7, 5312), (Start: 9 @5405 has 147 MA's), (16, 5474), (28, 5582), (36, 5648), (43, 5711), (59, 5786), (64, 5816),

Gene: Phlei_7 Start: 7530, Stop: 7898, Start Num: 10

Candidate Starts for Phlei_7:

(1, 7212), (Start: 10 @7530 has 187 MA's), (34, 7752), (35, 7755), (39, 7776),

Gene: Phontbonne_9 Start: 5400, Stop: 5825, Start Num: 9

Candidate Starts for Phontbonne_9:

(Start: 9 @5400 has 147 MA's), (28, 5577), (30, 5607), (41, 5694), (42, 5703), (43, 5706), (46, 5727), (49, 5736), (64, 5790),

Gene: Pipcraft_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Pipcraft_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Piro94_11 Start: 6507, Stop: 6944, Start Num: 10

Candidate Starts for Piro94_11:

(7, 6411), (Start: 10 @6507 has 187 MA's), (13, 6552), (42, 6807),

Gene: Pmask_14 Start: 7065, Stop: 7499, Start Num: 10

Candidate Starts for Pmask_14:

(Start: 10 @7065 has 187 MA's), (20, 7179), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Polymorphads_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Polymorphads_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Polyphemus_14 Start: 7067, Stop: 7501, Start Num: 10

Candidate Starts for Polyphemus_14:

(Start: 10 @7067 has 187 MA's), (20, 7181), (33, 7286), (35, 7298), (36, 7307), (44, 7382),

Gene: Pomar16_13 Start: 6216, Stop: 6641, Start Num: 10

Candidate Starts for Pomar16_13:

(Start: 10 @6216 has 187 MA's), (33, 6435), (38, 6465),

Gene: Power_10 Start: 5938, Stop: 6375, Start Num: 10

Candidate Starts for Power_10:

(7, 5842), (Start: 10 @5938 has 187 MA's), (14, 5992), (28, 6115), (33, 6157), (36, 6178), (43, 6241), (54, 6283), (59, 6304),

Gene: Priamo_14 Start: 7083, Stop: 7514, Start Num: 10

Candidate Starts for Priamo_14:

(Start: 10 @7083 has 187 MA's), (33, 7302), (35, 7314), (36, 7323), (44, 7398),

Gene: Pukovnik_12 Start: 7625, Stop: 8104, Start Num: 9

Candidate Starts for Pukovnik_12:

(Start: 9 @7625 has 147 MA's), (28, 7802), (33, 7844), (35, 7856), (46, 7949),

Gene: Pumbaa_9 Start: 5404, Stop: 5856, Start Num: 9

Candidate Starts for Pumbaa_9:

(7, 5311), (Start: 9 @5404 has 147 MA's), (16, 5473), (27, 5575), (28, 5581), (36, 5647), (43, 5710), (59, 5785),

Gene: QueenBeesly_10 Start: 5938, Stop: 6375, Start Num: 10

Candidate Starts for QueenBeesly_10:

(7, 5842), (Start: 10 @5938 has 187 MA's), (14, 5992), (28, 6115), (33, 6157), (36, 6178), (43, 6241), (54, 6283), (59, 6304),

Gene: Quokka_8 Start: 5207, Stop: 5602, Start Num: 10

Candidate Starts for Quokka_8:

(Start: 10 @5207 has 187 MA's), (23, 5339), (33, 5426), (38, 5456), (58, 5573),

Gene: Rachaly_13 Start: 7710, Stop: 8132, Start Num: 10

Candidate Starts for Rachaly_13:

(7, 7617), (Start: 10 @7710 has 187 MA's), (13, 7755), (27, 7881), (33, 7929), (38, 7959),

Gene: Red305_27 Start: 26434, Stop: 26850, Start Num: 10

Candidate Starts for Red305_27:

(Start: 10 @26434 has 187 MA's), (13, 26479), (15, 26491), (16, 26503), (23, 26566), (34, 26665), (38, 26686), (56, 26791),

Gene: Relief_9 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for Relief_9:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (42, 5724), (43, 5727),

Gene: Rifter_14 Start: 7038, Stop: 7469, Start Num: 10

Candidate Starts for Rifter_14:

(Start: 10 @7038 has 187 MA's), (33, 7257), (35, 7269), (36, 7278), (44, 7353),

Gene: RockieBear_8 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for RockieBear_8:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Rocksand_9 Start: 5419, Stop: 5880, Start Num: 9

Candidate Starts for Rocksand_9:

(Start: 9 @5419 has 147 MA's), (23, 5551), (28, 5596), (30, 5626), (33, 5641), (36, 5662), (42, 5722), (43, 5725),

Gene: Roksolana_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Roksolana_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Romney_9 Start: 5419, Stop: 5880, Start Num: 9

Candidate Starts for Romney_9:

(Start: 9 @5419 has 147 MA's), (23, 5551), (28, 5596), (30, 5626), (33, 5641), (36, 5662), (42, 5722), (43, 5725),

Gene: RonRayGun_28 Start: 25159, Stop: 25599, Start Num: 10

Candidate Starts for RonRayGun_28:

(4, 24922), (7, 25063), (8, 25141), (Start: 10 @25159 has 187 MA's), (22, 25288), (28, 25336), (35, 25393), (41, 25453), (43, 25465), (47, 25489), (65, 25579), (67, 25594),

Gene: Roosevelt_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Roosevelt_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Rosa24_8 Start: 5404, Stop: 5856, Start Num: 9

Candidate Starts for Rosa24_8:

(7, 5311), (Start: 9 @5404 has 147 MA's), (16, 5473), (27, 5575), (28, 5581), (36, 5647), (43, 5710), (59, 5785),

Gene: Ruin_9 Start: 5419, Stop: 5880, Start Num: 9

Candidate Starts for Ruin_9:

(Start: 9 @5419 has 147 MA's), (23, 5551), (28, 5596), (30, 5626), (33, 5641), (36, 5662), (42, 5722), (43, 5725),

Gene: Sabertooth_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Sabertooth_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Salz_11 Start: 7621, Stop: 8004, Start Num: 10

Candidate Starts for Salz_11:

(Start: 10 @7621 has 187 MA's), (16, 7690), (38, 7870), (44, 7936),

Gene: Samty_27 Start: 26437, Stop: 26853, Start Num: 10

Candidate Starts for Samty_27:

(Start: 10 @26437 has 187 MA's), (13, 26482), (15, 26494), (16, 26506), (23, 26569), (34, 26668), (38, 26689), (56, 26794),

Gene: Saskia_11 Start: 7624, Stop: 8007, Start Num: 10

Candidate Starts for Saskia_11:

(Start: 10 @7624 has 187 MA's), (16, 7693), (38, 7873), (44, 7939),

Gene: Scamp_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Scamp_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: SemperFi_12 Start: 6366, Stop: 6803, Start Num: 10

Candidate Starts for SemperFi_12:

(7, 6270), (Start: 10 @6366 has 187 MA's), (14, 6420), (28, 6543), (33, 6585), (36, 6606), (43, 6669), (54, 6711), (59, 6732),

Gene: SenorClean_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for SenorClean_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Serenity_9 Start: 5207, Stop: 5602, Start Num: 10

Candidate Starts for Serenity_9:

(Start: 10 @5207 has 187 MA's), (23, 5339), (33, 5426), (38, 5456), (58, 5573),

Gene: Shaka_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Shaka_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Sham4_11 Start: 7624, Stop: 8010, Start Num: 10

Candidate Starts for Sham4_11:

(Start: 10 @7624 has 187 MA's), (16, 7693), (38, 7873), (44, 7939),

Gene: Sheen_11 Start: 7152, Stop: 7595, Start Num: 10

Candidate Starts for Sheen_11:

(Start: 10 @7152 has 187 MA's), (23, 7296), (25, 7305), (26, 7329), (35, 7395), (41, 7455), (51, 7494), (52, 7500), (53, 7509),

Gene: SheldonCooper_9 Start: 5407, Stop: 5859, Start Num: 9

Candidate Starts for SheldonCooper_9:

(7, 5314), (Start: 9 @5407 has 147 MA's), (16, 5476), (27, 5578), (28, 5584), (36, 5650), (43, 5713), (59, 5788),

Gene: Shygu2_9 Start: 5423, Stop: 5884, Start Num: 9

Candidate Starts for Shygu2_9:

(Start: 9 @5423 has 147 MA's), (16, 5492), (27, 5594), (35, 5657), (36, 5666), (41, 5717), (43, 5729), (66, 5852),

Gene: Skadoosh_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Skadoosh_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Skipitt_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Skipitt_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Sknot_10 Start: 6050, Stop: 6487, Start Num: 10

Candidate Starts for Sknot_10:

(7, 5954), (Start: 10 @6050 has 187 MA's), (13, 6095), (28, 6227), (42, 6350), (46, 6374),

Gene: Smeagan_12 Start: 6431, Stop: 6871, Start Num: 10

Candidate Starts for Smeagan_12:

(7, 6344), (Start: 10 @6431 has 187 MA's), (13, 6476), (46, 6755), (51, 6776),

Gene: SmellyB_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for SmellyB_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: SnapTap_10 Start: 5938, Stop: 6375, Start Num: 10

Candidate Starts for SnapTap_10:

(7, 5842), (Start: 10 @5938 has 187 MA's), (14, 5992), (28, 6115), (33, 6157), (36, 6178), (43, 6241), (54, 6283), (59, 6304),

Gene: Snape_11 Start: 7627, Stop: 8010, Start Num: 10

Candidate Starts for Snape_11:

(Start: 10 @7627 has 187 MA's), (16, 7696), (38, 7876), (44, 7942),

Gene: Snenia_27 Start: 26435, Stop: 26851, Start Num: 10

Candidate Starts for Snenia_27:

(Start: 10 @26435 has 187 MA's), (13, 26480), (15, 26492), (16, 26504), (23, 26567), (34, 26666), (38, 26687), (56, 26792),

Gene: Sparxx_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Sparxx_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Spino_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Spino_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: StarStuff_13 Start: 6175, Stop: 6600, Start Num: 10

Candidate Starts for StarStuff_13:

(Start: 10 @6175 has 187 MA's), (33, 6394), (38, 6424),

Gene: Stasia_10 Start: 5853, Stop: 6326, Start Num: 10

Candidate Starts for Stasia_10:

(5, 5676), (Start: 10 @5853 has 187 MA's), (13, 5898), (41, 6147), (43, 6159), (61, 6276),

Gene: SteMason_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for SteMason_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Steamy_12 Start: 7580, Stop: 7939, Start Num: 10

Candidate Starts for Steamy_12:

(2, 7289), (Start: 10 @7580 has 187 MA's), (25, 7718), (31, 7769),

Gene: Stellammi_33 Start: 27589, Stop: 28008, Start Num: 10

Candidate Starts for Stellammi_33:

(7, 27502), (Start: 10 @27589 has 187 MA's), (15, 27646), (18, 27685), (19, 27697), (28, 27766), (34, 27814), (36, 27826), (38, 27835), (39, 27838), (41, 27877), (43, 27889), (52, 27919), (63, 27982),

Gene: Stink_9 Start: 5394, Stop: 5846, Start Num: 9

Candidate Starts for Stink_9:

(Start: 9 @5394 has 147 MA's), (16, 5463), (27, 5565), (28, 5571), (36, 5637), (43, 5700), (50, 5733), (59, 5775),

Gene: Sultana_9 Start: 5421, Stop: 5882, Start Num: 9

Candidate Starts for Sultana_9:

(Start: 9 @5421 has 147 MA's), (23, 5553), (28, 5598), (30, 5628), (33, 5643), (36, 5664), (43, 5727),

Gene: SuperAwesome_14 Start: 7065, Stop: 7499, Start Num: 10

Candidate Starts for SuperAwesome_14:

(Start: 10 @7065 has 187 MA's), (20, 7179), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: SuperCallie99_14 Start: 7066, Stop: 7500, Start Num: 10

Candidate Starts for SuperCallie99_14:

(Start: 10 @7066 has 187 MA's), (20, 7180), (33, 7285), (35, 7297), (36, 7306), (44, 7381),

Gene: SweetiePie_10 Start: 5938, Stop: 6375, Start Num: 10

Candidate Starts for SweetiePie_10:

(7, 5842), (Start: 10 @5938 has 187 MA's), (14, 5992), (28, 6115), (33, 6157), (36, 6178), (43, 6241), (54, 6283), (59, 6304),

Gene: Taquarus_9 Start: 5423, Stop: 5884, Start Num: 9

Candidate Starts for Taquarus_9:

(Start: 9 @5423 has 147 MA's), (23, 5555), (28, 5600), (30, 5630), (33, 5645), (36, 5666), (42, 5726), (43, 5729),

Gene: TarsusIV_10 Start: 5976, Stop: 6443, Start Num: 10

Candidate Starts for TarsusIV_10:

(7, 5883), (Start: 10 @5976 has 187 MA's), (13, 6021), (38, 6225), (43, 6279), (51, 6321), (60, 6369),

Gene: Temprado_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Temprado_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Terrific_14 Start: 6504, Stop: 6941, Start Num: 10

Candidate Starts for Terrific_14:

(7, 6408), (Start: 10 @6504 has 187 MA's), (13, 6549), (42, 6804), (46, 6828),

Gene: Thanksgivukkah_9 Start: 5425, Stop: 5886, Start Num: 9

Candidate Starts for Thanksgivukkah_9:

(Start: 9 @5425 has 147 MA's), (23, 5557), (28, 5602), (30, 5632), (33, 5647), (36, 5668), (42, 5728), (43, 5731),

Gene: Timothy_11 Start: 7621, Stop: 8007, Start Num: 10

Candidate Starts for Timothy_11:

(Start: 10 @7621 has 187 MA's), (16, 7690), (38, 7870), (44, 7936),

Gene: TinaFeyge_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for TinaFeyge_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: TinyTimmy_11 Start: 7673, Stop: 8059, Start Num: 10

Candidate Starts for TinyTimmy_11:

(Start: 10 @7673 has 187 MA's), (16, 7742), (38, 7922), (44, 7988),

Gene: Tinybot_8 Start: 5409, Stop: 5861, Start Num: 9

Candidate Starts for Tinybot_8:

(7, 5316), (Start: 9 @5409 has 147 MA's), (16, 5478), (27, 5580), (28, 5586), (36, 5652), (43, 5715), (59, 5790),

Gene: TopsytheTRex_9 Start: 5160, Stop: 5561, Start Num: 10

Candidate Starts for TopsytheTRex_9:

(Start: 10 @5160 has 187 MA's), (21, 5277), (23, 5292), (33, 5379), (38, 5409),

Gene: TiroTheta9_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for TiroTheta9_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Tomathan_13 Start: 6175, Stop: 6600, Start Num: 10

Candidate Starts for Tomathan_13:

(Start: 10 @6175 has 187 MA's), (33, 6394), (38, 6424),

Gene: ToneTone_13 Start: 6978, Stop: 7409, Start Num: 10

Candidate Starts for ToneTone_13:

(Start: 10 @6978 has 187 MA's), (33, 7197), (35, 7209), (36, 7218), (44, 7293),

Gene: Toro_12 Start: 7094, Stop: 7537, Start Num: 10

Candidate Starts for Toro_12:

(Start: 10 @7094 has 187 MA's), (23, 7238), (25, 7247), (26, 7271), (35, 7337), (41, 7397), (51, 7436), (52, 7442), (53, 7451),

Gene: Travvers_13 Start: 6175, Stop: 6600, Start Num: 10

Candidate Starts for Travvers_13:

(Start: 10 @6175 has 187 MA's), (33, 6394), (38, 6424),

Gene: TriFive_27 Start: 26434, Stop: 26850, Start Num: 10

Candidate Starts for TriFive_27:

(Start: 10 @26434 has 187 MA's), (13, 26479), (15, 26491), (16, 26503), (23, 26566), (34, 26665), (38, 26686), (56, 26791),

Gene: Tristan_11 Start: 7718, Stop: 8206, Start Num: 9

Candidate Starts for Tristan_11:

(Start: 9 @7718 has 147 MA's), (13, 7763), (14, 7772), (33, 7937), (46, 8042),

Gene: TroyPia_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for TroyPia_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Tucker_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for Tucker_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Turbido_12 Start: 6434, Stop: 6898, Start Num: 10

Candidate Starts for Turbido_12:

(Start: 10 @6434 has 187 MA's), (16, 6503), (28, 6611), (33, 6653), (34, 6662), (42, 6734), (46, 6758),

Gene: TygerBlood_9 Start: 5422, Stop: 5883, Start Num: 9

Candidate Starts for TygerBlood_9:

(Start: 9 @5422 has 147 MA's), (23, 5554), (28, 5599), (30, 5629), (33, 5644), (36, 5665), (42, 5725), (43, 5728),

Gene: Ulysses_8 Start: 5148, Stop: 5600, Start Num: 9

Candidate Starts for Ulysses_8:

(7, 5055), (Start: 9 @5148 has 147 MA's), (16, 5217), (27, 5319), (28, 5325), (36, 5391), (43, 5454), (59, 5529),

Gene: Updawg_12 Start: 6492, Stop: 6929, Start Num: 10

Candidate Starts for Updawg_12:

(7, 6396), (Start: 10 @6492 has 187 MA's), (13, 6537), (42, 6792), (46, 6816),

Gene: VA6_10 Start: 5970, Stop: 6431, Start Num: 10

Candidate Starts for VA6_10:

(5, 5799), (Start: 10 @5970 has 187 MA's), (33, 6189), (40, 6252), (44, 6285),

Gene: VC3_13 Start: 6174, Stop: 6599, Start Num: 10

Candidate Starts for VC3_13:

(Start: 10 @6174 has 187 MA's), (33, 6393), (38, 6423),

Gene: VohminGhazi_14 Start: 7065, Stop: 7496, Start Num: 10

Candidate Starts for VohminGhazi_14:

(Start: 10 @7065 has 187 MA's), (33, 7284), (35, 7296), (36, 7305), (44, 7380),

Gene: Wander_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for Wander_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Whabigail7_12 Start: 6446, Stop: 6886, Start Num: 10

Candidate Starts for Whabigail7_12:

(7, 6359), (Start: 10 @6446 has 187 MA's), (13, 6491), (46, 6770), (51, 6791),

Gene: Whirlwind_28 Start: 26172, Stop: 26585, Start Num: 10

Candidate Starts for Whirlwind_28:

(Start: 10 @26172 has 187 MA's), (13, 26217), (15, 26229), (16, 26241), (38, 26424),

Gene: Whitty_28 Start: 25159, Stop: 25599, Start Num: 10

Candidate Starts for Whitty_28:

(4, 24922), (7, 25063), (8, 25141), (Start: 10 @25159 has 187 MA's), (22, 25288), (28, 25336), (35, 25393), (41, 25453), (43, 25465), (47, 25489), (65, 25579), (67, 25594),

Gene: WideWale_12 Start: 6492, Stop: 6929, Start Num: 10

Candidate Starts for WideWale_12:

(7, 6396), (Start: 10 @6492 has 187 MA's), (13, 6537), (42, 6792), (46, 6816),

Gene: Wiks_14 Start: 7046, Stop: 7477, Start Num: 10

Candidate Starts for Wiks_14:

(Start: 10 @7046 has 187 MA's), (33, 7265), (35, 7277), (36, 7286), (44, 7361),

Gene: Wilbur_9 Start: 5419, Stop: 5880, Start Num: 9

Candidate Starts for Wilbur_9:

(Start: 9 @5419 has 147 MA's), (23, 5551), (28, 5596), (30, 5626), (33, 5641), (36, 5662), (42, 5722), (43, 5725),

Gene: Wile_9 Start: 5430, Stop: 5891, Start Num: 9

Candidate Starts for Wile_9:

(Start: 9 @5430 has 147 MA's), (16, 5499), (35, 5664), (36, 5673), (41, 5724), (43, 5736), (66, 5859),

Gene: Wizard007_9 Start: 5422, Stop: 5883, Start Num: 9

Candidate Starts for Wizard007_9:

(Start: 9 @5422 has 147 MA's), (23, 5554), (28, 5599), (30, 5629), (33, 5644), (36, 5665), (42, 5725), (43, 5728),

Gene: Wolpertinger_10 Start: 7624, Stop: 8010, Start Num: 10

Candidate Starts for Wolpertinger_10:

(Start: 10 @7624 has 187 MA's), (16, 7693), (38, 7873), (44, 7939),

Gene: WunderPhul_14 Start: 7046, Stop: 7477, Start Num: 10

Candidate Starts for WunderPhul_14:

(Start: 10 @7046 has 187 MA's), (33, 7265), (35, 7277), (36, 7286), (44, 7361),

Gene: Xena_9 Start: 5429, Stop: 5878, Start Num: 9

Candidate Starts for Xena_9:

(Start: 9 @5429 has 147 MA's), (16, 5498), (35, 5663), (36, 5672), (41, 5723), (43, 5735), (57, 5801), (64, 5846),

Gene: XianYue_10 Start: 5913, Stop: 6362, Start Num: 10

Candidate Starts for XianYue_10:

(Start: 10 @5913 has 187 MA's), (12, 5955), (13, 5958), (33, 6132), (51, 6258),

Gene: Yecey3_11 Start: 5912, Stop: 6295, Start Num: 10

Candidate Starts for Yecey3_11:

(3, 5666), (Start: 10 @5912 has 187 MA's), (15, 5969), (39, 6167),

Gene: YoSam321_9 Start: 5420, Stop: 5881, Start Num: 9

Candidate Starts for YoSam321_9:

(Start: 9 @5420 has 147 MA's), (23, 5552), (28, 5597), (30, 5627), (33, 5642), (36, 5663), (42, 5723), (43, 5726),

Gene: Yokurt_14 Start: 7046, Stop: 7477, Start Num: 10

Candidate Starts for Yokurt_14:

(Start: 10 @7046 has 187 MA's), (33, 7265), (35, 7277), (36, 7286), (44, 7361),

Gene: Zaka_14 Start: 7046, Stop: 7477, Start Num: 10

Candidate Starts for Zaka_14:

(Start: 10 @7046 has 187 MA's), (33, 7265), (35, 7277), (36, 7286), (44, 7361),

Gene: ZenTime222_28 Start: 25159, Stop: 25599, Start Num: 10

Candidate Starts for ZenTime222_28:

(4, 24922), (7, 25063), (8, 25141), (Start: 10 @25159 has 187 MA's), (22, 25288), (28, 25336), (35, 25393), (41, 25453), (43, 25465), (47, 25489), (65, 25579), (67, 25594),

Gene: Zulu_14 Start: 7045, Stop: 7476, Start Num: 10

Candidate Starts for Zulu_14:

(Start: 10 @7045 has 187 MA's), (33, 7264), (35, 7276), (36, 7285), (44, 7360),