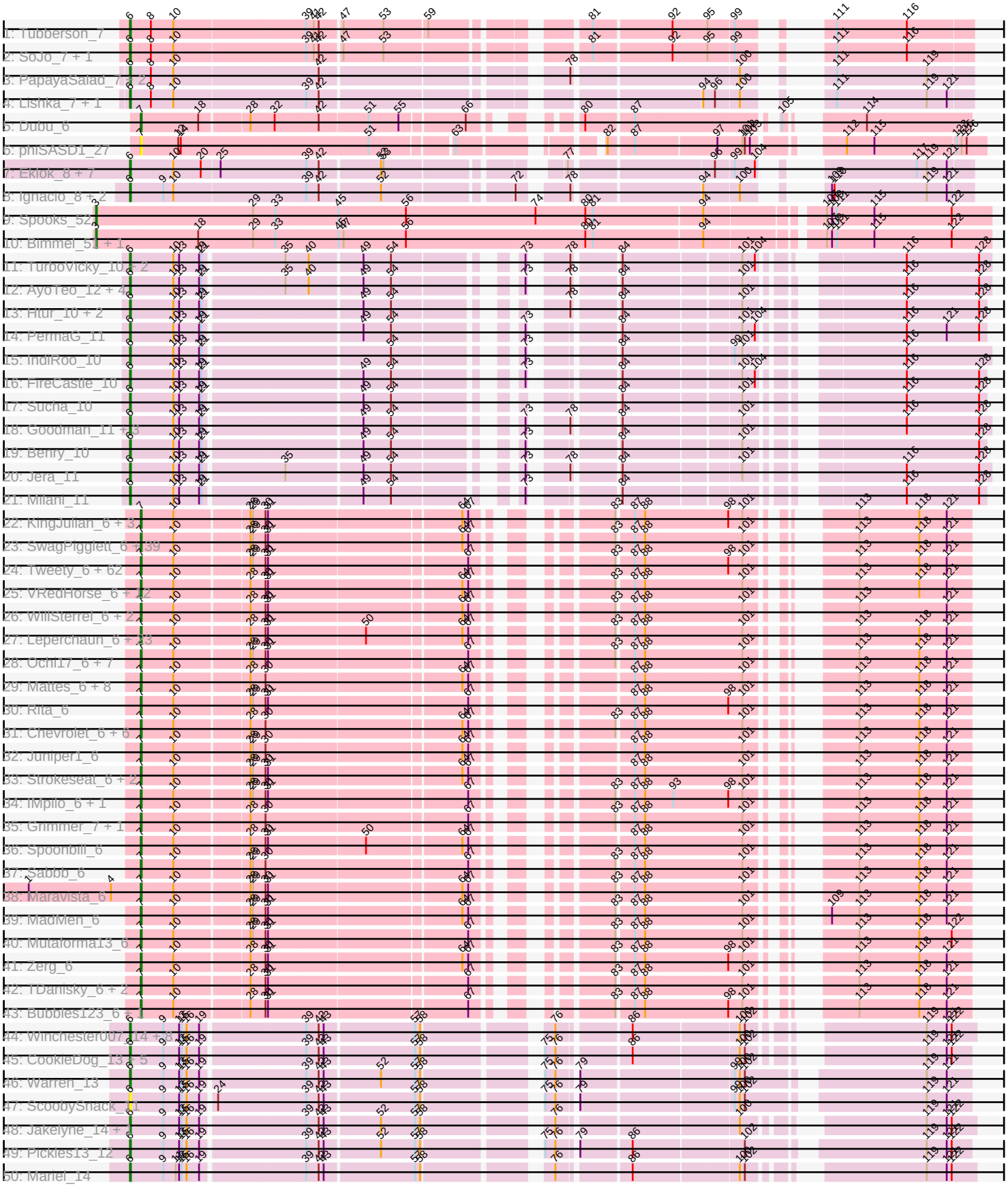
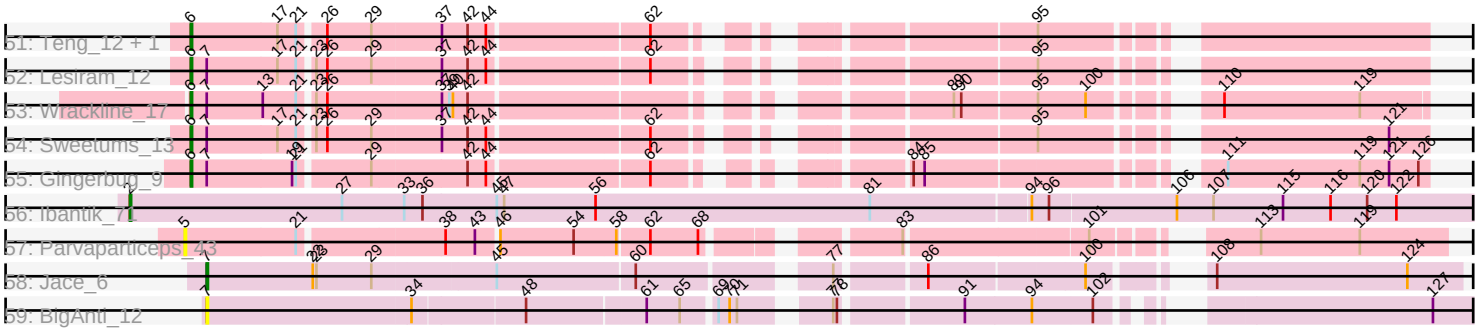
Pham 347197


1: Tubberson_7
2: SoJo_7 + 1
3: PapayaSalad_7 + 2
4: Lishka_7 + 1
5: Dubu_6
6: phiSASD1_27
7: Eklok_8 + 7
8: Ignacio_8 + 2
9: Spooks_52
10: Bimmel_51 + 1
11: TurboVicky_10 + 2
12: AyoTeo_12 + 4
13: Htur_10 + 2
14: PermaG_11
15: IndiRoo_10
16: FireCastle_10
17: Sucha_10
18: Goodman_11 + 3
19: Benry_10
20: Jera_11
21: Miami_11
22: KingJulian_6 + 3
23: SwagPiggiett_6 + 39
24: Tweety_6 + 62
25: VRedHorse_6 + 22
26: WillSterrel_6 + 2
27: Leperchaun_6 + 23
28: Ochi17_6 + 7
29: Mattes_6 + 8
30: Rita_6
31: Chevrolet_6 + 6
32: Juniper1_6
33: Strokeseat_6 + 2
34: Mpilo_6 + 1
35: Grimmer_7 + 1
36: Spoonbill_6
37: Sabbo_6
38: Maravista_6
39: MadMen_6
40: Mutaforma13_6
41: Zerg_6
42: TDanisky_6 + 2
43: Bubbles123_6 + 1
44: Winchester007_14 + 3
45: CookieDog_13 + 5
46: Warren_13
47: ScoobySnack_11
48: Jakelyne_14 + 1
49: Pickles13_12
50: Manel_14

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51: Teng_12 + 1
52: Lesiram_12
53: Wrackline_17
54: Sweetums_13
55: Gingerbug_9
56: Ibantik_71
57: Parvaparticeps1_43
58: Jace_6
59: BigAnti_12

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 347197 Report

This analysis was run 11/14/26 on database version 672.

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

Pham number 347197 has 268 members, 23 are drafts.

Phages represented in each track:
• Track 1 : Tubberson_7
• Track 2 : SoJo_7, DaRealMyers_7
• Track 3 : PapayaSalad_7, Bioscum_7, Ididsumtinwong_7
• Track 4 : Lishka_7, Austintatious_7
• Track 5 : Dubu_6
• Track 6 : phiSASD1_27
• Track 7 : Eklok_8, Schlegelian_8, Eastland_8, ArizonaGT_8, Cumberbatch_8, FrumpyGal_8, Piccadilly_8, AxeJC_8
• Track 8 : Ignacio_8, Vondra_8, HFrancette_8
• Track 9 : Spooks_52
• Track 10 : Bimmel_51, Success_53
• Track 11 : TurboVicky_10, Rootkit7_10, Alove_10
• Track 12 : AyoTeo_12, SBlackberry_10, Typher_12, Zanella_10, Labella_12
• Track 13 : Htur_10, Rasovi_10, Linayshia_10
• Track 14 : PermaG_11
• Track 15 : IndiRoo_10
• Track 16 : FireCastle_10
• Track 17 : Sucha_10
• Track 18 : Goodman_11, Johann_11, Cicada_12, Olympi_12
• Track 19 : Benry_10
• Track 20 : Jera_11
• Track 21 : Milani_11
• Track 22 : KingJulian_6, Corium_6, PatoPoderoso_6, ShroomBoi_6
• Track 23 : SwagPigglett_6, LilMoolah_6, Kersh_6, EmiMonkey_6, Sandalphon_6, Violac_6, Eish_6, Eradicator_6, ByChance_6, FreddyB_6, Phatniss_6, Veteran_6, Minnie_6, Saal_6, Mantra_6, Llij_6, PhlipPhlop_6, Fancypants_6, GigiOuiOui_6, Burwell21_6, Lizziana_6, GUmbie_6, Latretium_6, Doug_6, Vivum_6, Blexus_6, Okabe_8, Cheesepuff_6, Brocalys_6, PMC_6, ShowerHandel_6, Yorick_6, Rockne_6, Gorge_6, ShiLan_6, Jarcob_6, Martik_6, Philus_6, Moonbeam_6, Priscilla_6
• Track 24 : Tweety_6, DotProduct_6, PopTart_6, Clank_6, Kenuha5_6, QuickMath_6, Firehouse51_6, DillTech15_6, Galactic_6, Medindi_6, LunaBlu_6, Krakatau_7, Batiatus_6, Zizzle_6, Pippy_6, DeadP_6, Akhila_7, PhesterPhotato_6,

Koella_6, Hamulus_6, NewHope4_6, Bipolar_6, SG4_6, KristaRAM_7, Melissauren88_6, Mwanjiwa_6, Taj_6, Clifton_6, MilleniumForce_7, SiSi_6, Guppsters_6, Jennelsea_6, Hades_6, Emma_6, MilanaBonita_7, Ms6_6, EleanorGeorge_6, DoRead_6, Ovechkin_6, StAnnes_6, SuperGrey_6, NormanBulbieJr_6, IbOuu_6, Ardmore_6, XFactor_6, SassyB_6, Fruitloop_6, Wee_6, Enzomatic_7, MinionDave_7, Jant_6, Chuckly_6, Polo2Bam_7, Aubs_6, SeaLumen_6, Phanphagia_6, Filuzino_6, Shauna1_6, Whatsapiecost_6, Phalconet_6, Topiatin_8, Royals2015_6, CaptainTrips_7
• Track 25 : VRedHorse_6, Dante_6, Estave1_6, Byougenkin_6, Crumble_6, Phasih_6, Ibhubesi_6, Florinda_6, Che8_6, Nitzel_7, OlympiaSaint_6, Nivrat_6, Harley_6
• Track 26 : WillSterrel_6, Spartacus_6, IrishSherpFalk_6
• Track 27 : Leperchaun_6, BodEinwohner17_6, Scottish_6, Nimbo_6, KingMidas_6, RedBird_6, PHappiness_6, Dorothy_6, JoeyJr_6, Geralt_6, Empress_6, Radiance_6, Daenerys_6, DaddyRickover_6, OldBen_6, Inventum_6, BlueCrab_6, Sassafras_6, RitaG_6, Doomphist_6, Poenanya_6, Polka14_6, Deb65_6, Pacc40_6
• Track 28 : Ochi17_6, Nichirin_6, Seabastian_6, Llama_6, AlpineSix_6, OfUltron_6, Jinglebell_6, Modragons_6
• Track 29 : Mattes_6, BobaPhett_6, LastJedi_6, MisterCuddles_6, Girr_6, James_6, Ruby_6, Cabrinians_6, Whouxphf_6
• Track 30 : Rita_6
• Track 31 : Chevrolet_6, Karhdo_6, Wachhund_6, MulchSalad_6, Fastidio_6, ArcusAngelus_6, Gandalph_6
• Track 32 : Juniper1_6
• Track 33 : Strokeseat_6, Hlubikazi_6, Mandlovu_6
• Track 34 : IMpilo_6, DLane_6
• Track 35 : Grimmer_7, Mahavrat_6
• Track 36 : Spoonbill_6
• Track 37 : Sabbb_6
• Track 38 : Maravista_6
• Track 39 : MadMen_6
• Track 40 : Mutaforma13_6
• Track 41 : Zerg_6
• Track 42 : TDanisky_6, DRBy19_6, Sparkdehlily_6
• Track 43 : Bubbles123_6, Donkeykong_6
• Track 44 : Winchester007_14, Appa_12, Carrillo_14, MenE_13, Antuna_13, Dropshot_12, PhillyJawn_13, Violeta_14, Guzman_14
• Track 45 : CookieDog_13, Bush_13, Phingu_15, Blett_13, Losacky_14, NCRodriguez_14
• Track 46 : Warren_13
• Track 47 : ScoobySnack_11
• Track 48 : Jakelyne_14, Phonegingi_12
• Track 49 : Pickles13_12
• Track 50 : Mariel_14
• Track 51 : Teng_12, DelaGarza_12
• Track 52 : Lesiram_12
• Track 53 : Wrackline_17
• Track 54 : Sweetums_13
• Track 55 : Gingerbug_9
• Track 56 : Ibantik_71
• Track 57 : Parvaparticeps_43
• Track 58 : Jace_6
• Track 59 : BigAnti_12

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

The start number called the most often in the published annotations is 7, it was called in 178 of the 245 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Akhila_7, AlpineSix_6, ArcusAngelus_6, Ardmore_6, Aubs_6, Batiatus_6, BigAnti_12, Bipolar_6, Blexus_6, BlueCrab_6, BobaPhett_6, BodEinwohner17_6, Brocalys_6, Bubbles123_6, Burwell21_6, ByChance_6, Byougenkin_6, Cabrinians_6, CaptainTrips_7, Che8_6, Cheesepuff_6, Chevrolet_6, Chuckly_6, Clank_6, Clifton_6, Corium_6, Crumble_6, DLane_6, DRBy19_6, DaddyRickover_6, Daenerys_6, Dante_6, DeadP_6, Deb65_6, DillTech15_6, DoRead_6, Donkeykong_6, Doomphist_6, Dorothy_6, DotProduct_6, Doug_6, Dubu_6, Eish_6, EleanorGeorge_6, EmiMonkey_6, Emma_6, Empress_6, Enzomatic_7, Eradicator_6, Estave1_6, Fancypants_6, Fastidio_6, Filuzino_6, Firehouse51_6, Florinda_6, FreddyB_6, Fruitloop_6, GUmbie_6, Galactic_6, Gandalph_6, Geralt_6, GigiOuiOui_6, Girr_6, Gorge_6, Grimmer_7, Guppsters_6, Hades_6, Hamulus_6, Harley_6, Hlubikazi_6, IMpilo_6, IbOuu_6, Ibhubesi_6, Inventum_6, IrishSherpFalk_6, Jace_6, James_6, Jant_6, Jarcob_6, Jennelsea_6, Jinglebell_6, JoeyJr_6, Juniper1_6, Karhdo_6, Kenuha5_6, Kersh_6, KingJulian_6, KingMidas_6, Koella_6, Krakatau_7, KristaRAM_7, LastJedi_6, Latretium_6, Leperchaun_6, LilMoolah_6, Lizziana_6, Llama_6, Llij_6, LunaBlu_6, MadMen_6, Mahavrat_6, Mandlovu_6, Mantra_6, Maravista_6, Martik_6, Mattes_6, Medindi_6, Melissauren88_6, MilanaBonita_7, MilleniumForce_7, MinionDave_7, Minnie_6, MisterCuddles_6, Modragons_6, Moonbeam_6, Ms6_6, MulchSalad_6, Mutaforma13_6, Mwanjiwa_6, NewHope4_6, Nichirin_6, Nimbo_6, Nitzel_7, Nivrat_6, NormanBulbieJr_6, Ochi17_6, OfUltron_6, Okabe_8, OldBen_6, OlympiaSaint_6, Ovechkin_6, PHappiness_6, PMC_6, Pacc40_6, PatoPoderoso_6, Phalconet_6, Phanphagia_6, Phasih_6, Phatniss_6, PhesterPhotato_6, Philus_6, PhlipPhlop_6, Pippy_6, Poenanya_6, Polka14_6, Polo2Bam_7, PopTart_6, Priscilla_6, QuickMath_6, Radiance_6, RedBird_6, RitaG_6, Rita_6, Rockne_6, Royals2015_6, Ruby_6, SG4_6, Saal_6, Sabbb_6, Sandalphon_6, Sassafras_6, SassyB_6, Scottish_6, SeaLumen_6, Seabastian_6, Shauna1_6, ShiLan_6, ShowerHandel_6, ShroomBoi_6, SiSi_6, Sparkdehlily_6, Spartacus_6, Spoonbill_6, StAnnes_6, Strokeseat_6, SuperGrey_6, SwagPigglett_6, TDanisky_6, Taj_6, Topiatin_8, Tweety_6, VRedHorse_6, Veteran_6, Violac_6, Vivum_6, Wachhund_6, Wee_6, Whatsapiecost_6, Whouxphf_6, WillSterrel_6, XFactor_6, Yorick_6, Zerg_6, Zizzle_6, phiSASD1_27,

Genes that have the "Most Annotated" start but do not call it:
• Gingerbug_9, Lesiram_12, Sweetums_13, Wrackline_17,

Genes that do not have the "Most Annotated" start:
• Alove_10, Antuna_13, Appa_12, ArizonaGT_8, Austintatious_7, AxeJC_8, AyoTeo_12, Benry_10, Bimmel_51, Bioscum_7, Blett_13, Bush_13, Carrillo_14, Cicada_12, CookieDog_13, Cumberbatch_8, DaRealMyers_7, DelaGarza_12, Dropshot_12, Eastland_8, Eklok_8, FireCastle_10, FrumpyGal_8, Goodman_11, Guzman_14, HFrancette_8, Htur_10, Ibantik_71, Ididsumtinwong_7, Ignacio_8, IndiRoo_10, Jakelyne_14, Jera_11, Johann_11, Labella_12, Linayshia_10, Lishka_7,

Losacky_14, Mariel_14, MenE_13, Milani_11, NCRodriguez_14, Olympi_12, PapayaSalad_7, Parvaparticeps_43, PermaG_11, PhillyJawn_13, Phingu_15, Phonegingi_12, Piccadilly_8, Pickles13_12, Rasovi_10, Rootkit7_10, SBlackberry_10, Schlegelian_8, ScoobySnack_11, SoJo_7, Spooks_52, Success_53, Sucha_10, Teng_12, Tubberson_7, TurboVicky_10, Typher_12, Violeta_14, Vondra_8, Warren_13, Winchester007_14, Zanella_10,

Summary by start number:

Start 2:
• Found in 1 of 268 (0.4%) of genes in pham
• Manual Annotations of this start: 1 of 245
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ibantik_71 (JN),

Start 3:
• Found in 3 of 268 (1.1%) of genes in pham
• Manual Annotations of this start: 3 of 245
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bimmel_51 (BT), Spooks_52 (BT), Success_53 (BT),

Start 5:
• Found in 1 of 268 (0.4%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Parvaparticeps_43 (UNK),

Start 6:
• Found in 68 of 268 (25.4%) of genes in pham
• Manual Annotations of this start: 63 of 245
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alove_10 (EJ), Antuna_13 (GA), Appa_12 (GA), ArizonaGT_8 (BP), Austintatious_7 (BC3), AxeJC_8 (BP), AyoTeo_12 (EJ), Benry_10 (EJ), Bioscum_7 (BC3), Blett_13 (GA), Bush_13 (GA), Carrillo_14 (GA), Cicada_12 (EJ), CookieDog_13 (GA), Cumberbatch_8 (BP), DaRealMyers_7 (BC1), DelaGarza_12 (GF), Dropshot_12 (GA), Eastland_8 (BP), Eklok_8 (BP), FireCastle_10 (EJ), FrumpyGal_8 (BP), Gingerbug_9 (GF), Goodman_11 (EJ), Guzman_14 (GA), HFrancette_8 (BP), Htur_10 (EJ), Ididsumtinwong_7 (BC3), Ignacio_8 (BP), IndiRoo_10 (EJ), Jakelyne_14 (GA), Jera_11 (EJ), Johann_11 (EJ), Labella_12 (EJ), Lesiram_12 (GF), Linayshia_10 (EJ), Lishka_7 (BC3), Losacky_14 (GA), Mariel_14 (GA), MenE_13 (GA), Milani_11 (EJ), NCRodriguez_14 (GA), Olympi_12 (EJ), PapayaSalad_7 (BC3), PermaG_11 (EJ), PhillyJawn_13 (GA), Phingu_15 (GA), Phonegingi_12 (GA), Piccadilly_8 (BP), Pickles13_12 (GA), Rasovi_10 (EJ), Rootkit7_10 (EJ), SBlackberry_10 (EJ), Schlegelian_8 (BP), ScoobySnack_11 (GA), SoJo_7 (BC1), Sucha_10 (EJ), Sweetums_13 (GF), Teng_12 (GF), Tubberson_7 (BC1), TurboVicky_10 (EJ), Typher_12 (EJ), Violeta_14 (GA), Vondra_8 (BP), Warren_13 (GA), Winchester007_14 (GA), Wrackline_17 (GF), Zanella_10 (EJ),

Start 7:
• Found in 199 of 268 (74.3%) of genes in pham
• Manual Annotations of this start: 178 of 245

• Called 98.0% of time when present
• Phage (with cluster) where this start called: Akhila_7 (F1), AlpineSix_6 (F1), ArcusAngelus_6 (F1), Ardmore_6 (F1), Aubs_6 (F1), Batiatus_6 (F1), BigAnti_12 (singleton), Bipolar_6 (F1), Blexus_6 (F1), BlueCrab_6 (F1), BobaPhett_6 (F1), BodEinwohner17_6 (F1), Brocalys_6 (F1), Bubbles123_6 (F1), Burwell21_6 (F1), ByChance_6 (F1), Byougenkin_6 (F1), Cabrinians_6 (F1), CaptainTrips_7 (F1), Che8_6 (F1), Cheesepuff_6 (F1), Chevrolet_6 (F1), Chuckly_6 (F1), Clank_6 (F), Clifton_6 (F1), Corium_6 (F1), Crumble_6 (F1), DLane_6 (F1), DRBy19_6 (F1), DaddyRickover_6 (F1), Daenerys_6 (F1), Dante_6 (F1), DeadP_6 (F1), Deb65_6 (F1), DillTech15_6 (F1), DoRead_6 (F1), Donkeykong_6 (F1), Doomphist_6 (F1), Dorothy_6 (F1), DotProduct_6 (F1), Doug_6 (F1), Dubu_6 (BJ), Eish_6 (F1), EleanorGeorge_6 (F1), EmiMonkey_6 (F1), Emma_6 (F1), Empress_6 (F1), Enzomatic_7 (F1), Eradicator_6 (F1), Estave1_6 (F1), Fancypants_6 (F1), Fastidio_6 (F1), Filuzino_6 (F1), Firehouse51_6 (F1), Florinda_6 (F1), FreddyB_6 (F1), Fruitloop_6 (F1), GUmbie_6 (F1), Galactic_6 (F1), Gandalph_6 (F1), Geralt_6 (F1), GigiOuiOui_6 (F1), Girr_6 (F1), Gorge_6 (F1), Grimmer_7 (F1), Guppsters_6 (F1), Hades_6 (F1), Hamulus_6 (F1), Harley_6 (F1), Hlubikazi_6 (F1), IMpilo_6 (F1), IbOuu_6 (F1), Ibhubesi_6 (F1), Inventum_6 (F1), IrishSherpFalk_6 (F1), Jace_6 (singleton), James_6 (F1), Jant_6 (F1), Jarcob_6 (F1), Jennelsea_6 (F1), Jinglebell_6 (F1), JoeyJr_6 (F1), Juniper1_6 (F1), Karhdo_6 (F1), Kenuha5_6 (F1), Kersh_6 (F1), KingJulian_6 (F1), KingMidas_6 (F1), Koella_6 (F1), Krakatau_7 (F1), KristaRAM_7 (F1), LastJedi_6 (F1), Latretium_6 (F1), Leperchaun_6 (F1), LilMoolah_6 (F1), Lizziana_6 (F1), Llama_6 (F1), Llij_6 (F1), LunaBlu_6 (F1), MadMen_6 (F1), Mahavrat_6 (F1), Mandlovu_6 (F1), Mantra_6 (F1), Maravista_6 (F1), Martik_6 (F1), Mattes_6 (F1), Medindi_6 (F1), Melissauren88_6 (F1), MilanaBonita_7 (F1), MilleniumForce_7 (F1), MinionDave_7 (F1), Minnie_6 (F1), MisterCuddles_6 (F1), Modragons_6 (F1), Moonbeam_6 (F1), Ms6_6 (F1), MulchSalad_6 (F7), Mutaforma13_6 (F1), Mwanjiwa_6 (F1), NewHope4_6 (F1), Nichirin_6 (F1), Nimbo_6 (F1), Nitzel_7 (F1), Nivrat_6 (F1), NormanBulbieJr_6 (F1), Ochi17_6 (F1), OfUltron_6 (F1), Okabe_8 (F8), OldBen_6 (F1), OlympiaSaint_6 (F1), Ovechkin_6 (F1), PHappiness_6 (F1), PMC_6 (F1), Pacc40_6 (F1), PatoPoderoso_6 (F1), Phalconet_6 (F1), Phanphagia_6 (F1), Phasih_6 (F1), Phatniss_6 (F1), PhesterPhotato_6 (F1), Philus_6 (F1), PhlipPhlop_6 (F1), Pippy_6 (F1), Poenanya_6 (F1), Polka14_6 (F1), Polo2Bam_7 (F1), PopTart_6 (F1), Priscilla_6 (F1), QuickMath_6 (F1), Radiance_6 (F1), RedBird_6 (F1), RitaG_6 (F1), Rita_6 (F1), Rockne_6 (F1), Royals2015_6 (F1), Ruby_6 (F1), SG4_6 (F1), Saal_6 (F1), Sabbb_6 (F1), Sandalphon_6 (F1), Sassafras_6 (F1), SassyB_6 (F1), Scottish_6 (F1), SeaLumen_6 (F1), Seabastian_6 (F1), Shauna1_6 (F1), ShiLan_6 (F1), ShowerHandel_6 (F1), ShroomBoi_6 (F1), SiSi_6 (F1), Sparkdehlily_6 (F1), Spartacus_6 (F1), Spoonbill_6 (F1), StAnnes_6 (F1), Strokeseat_6 (F1), SuperGrey_6 (F1), SwagPigglett_6 (F1), TDanisky_6 (F1), Taj_6 (F1), Topiatin_8 (F1), Tweety_6 (F1), VRedHorse_6 (F1), Veteran_6 (F1), Violac_6 (F1), Vivum_6 (F1), Wachhund_6 (F1), Wee_6 (F1), Whatsapiecost_6 (F1), Whouxphf_6 (F1), WillSterrel_6 (F1), XFactor_6 (F1), Yorick_6 (F1), Zerg_6 (F1), Zizzle_6 (F1), phiSASD1_27 (BJ),

Summary by clusters:

There are 15 clusters represented in this pham: F1, singleton, EJ, F8, F7, BJ, BT, GF, JN, BP, F, GA, UNK, BC1, BC3,

Info for manual annotations of cluster BC1:
•Start number 6 was manually annotated 3 times for cluster BC1.

Info for manual annotations of cluster BC3:
•Start number 6 was manually annotated 5 times for cluster BC3.

Info for manual annotations of cluster BJ:
•Start number 7 was manually annotated 1 time for cluster BJ.

Info for manual annotations of cluster BP:
•Start number 6 was manually annotated 11 times for cluster BP.

Info for manual annotations of cluster BT:
•Start number 3 was manually annotated 3 times for cluster BT.

Info for manual annotations of cluster EJ:
•Start number 6 was manually annotated 21 times for cluster EJ.

Info for manual annotations of cluster F1:
•Start number 7 was manually annotated 175 times for cluster F1.

Info for manual annotations of cluster F7:
•Start number 7 was manually annotated 1 time for cluster F7.

Info for manual annotations of cluster GA:
•Start number 6 was manually annotated 17 times for cluster GA.

Info for manual annotations of cluster GF:
•Start number 6 was manually annotated 6 times for cluster GF.

Info for manual annotations of cluster JN:
•Start number 2 was manually annotated 1 time for cluster JN.

Gene Information:

Gene: Akhila_7 Start: 5710, Stop: 6531, Start Num: 7
Candidate Starts for Akhila_7:
(Start: 7 @5710 has 178 MA's), (10, 5749), (28, 5833), (29, 5836), (30, 5851), (31, 5854), (67, 6076), (83, 6184), (87, 6202), (88, 6214), (98, 6310), (101, 6325), (113, 6397), (118, 6469), (121, 6502),

Gene: Alove_10 Start: 8953, Stop: 9813, Start Num: 6
Candidate Starts for Alove_10:
(Start: 6 @8953 has 63 MA's), (10, 9004), (13, 9010), (19, 9034), (21, 9037), (35, 9127), (40, 9154), (49, 9214), (54, 9247), (73, 9358), (78, 9388), (84, 9436), (101, 9568), (104, 9583), (116, 9712), (128, 9799),

Gene: AlpineSix_6 Start: 5046, Stop: 5867, Start Num: 7
Candidate Starts for AlpineSix_6:
(Start: 7 @5046 has 178 MA's), (10, 5085), (28, 5169), (29, 5172), (30, 5187), (31, 5190), (67, 5412), (83, 5520), (87, 5538), (88, 5550), (101, 5661), (113, 5733), (118, 5805), (121, 5838),

Gene: Antuna_13 Start: 7069, Stop: 7947, Start Num: 6
Candidate Starts for Antuna_13:
(Start: 6 @7069 has 63 MA's), (9, 7108), (13, 7126), (15, 7129), (16, 7135), (19, 7150), (39, 7267), (42, 7282), (43, 7288), (57, 7390), (58, 7396), (76, 7525), (86, 7600), (100, 7720), (102, 7726), (119, 7888), (121, 7912), (122, 7918),

Gene: Appa_12 Start: 6931, Stop: 7809, Start Num: 6
Candidate Starts for Appa_12:
(Start: 6 @6931 has 63 MA's), (9, 6970), (13, 6988), (15, 6991), (16, 6997), (19, 7012), (39, 7129), (42, 7144), (43, 7150), (57, 7252), (58, 7258), (76, 7387), (86, 7462), (100, 7582), (102, 7588), (119, 7750), (121, 7774), (122, 7780),

Gene: ArcusAngelus_6 Start: 5052, Stop: 5873, Start Num: 7
Candidate Starts for ArcusAngelus_6:
(Start: 7 @5052 has 178 MA's), (10, 5091), (28, 5175), (30, 5193), (64, 5412), (67, 5418), (83, 5526), (87, 5544), (88, 5556), (101, 5667), (113, 5739), (118, 5811), (121, 5844),

Gene: Ardmore_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Ardmore_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: ArizonaGT_8 Start: 6284, Stop: 7129, Start Num: 6
Candidate Starts for ArizonaGT_8:
(Start: 6 @6284 has 63 MA's), (10, 6335), (20, 6368), (25, 6389), (39, 6488), (42, 6503), (52, 6572), (53, 6575), (77, 6743), (96, 6899), (99, 6920), (104, 6944), (117, 7064), (119, 7076), (121, 7100),

Gene: Aubs_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Aubs_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Austintatious_7 Start: 6011, Stop: 6865, Start Num: 6
Candidate Starts for Austintatious_7:
(Start: 6 @6011 has 63 MA's), (8, 6035), (10, 6062), (39, 6215), (42, 6230), (94, 6623), (96, 6635), (100, 6662), (111, 6704), (119, 6812), (121, 6836),

Gene: AxeJC_8 Start: 6297, Stop: 7142, Start Num: 6
Candidate Starts for AxeJC_8:
(Start: 6 @6297 has 63 MA's), (10, 6348), (20, 6381), (25, 6402), (39, 6501), (42, 6516), (52, 6585), (53, 6588), (77, 6756), (96, 6912), (99, 6933), (104, 6957), (117, 7077), (119, 7089), (121, 7113),

Gene: AyoTeo_12 Start: 9080, Stop: 9943, Start Num: 6
Candidate Starts for AyoTeo_12:
(Start: 6 @9080 has 63 MA's), (10, 9131), (13, 9137), (19, 9161), (21, 9164), (35, 9254), (40, 9281), (49, 9341), (54, 9374), (73, 9485), (78, 9515), (84, 9563), (101, 9695), (116, 9842), (128, 9929),

Gene: Batiatus_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Batiatus_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Benry_10 Start: 7142, Stop: 7999, Start Num: 6

Candidate Starts for Benry_10:
(Start: 6 @7142 has 63 MA's), (10, 7193), (13, 7199), (19, 7223), (21, 7226), (49, 7403), (54, 7436), (73, 7547), (84, 7625), (101, 7757), (128, 7991),

Gene: BigAnti_12 Start: 10120, Stop: 11034, Start Num: 7
Candidate Starts for BigAnti_12:
(Start: 7 @10120 has 178 MA's), (34, 10285), (48, 10372), (61, 10465), (65, 10492), (69, 10516), (70, 10525), (71, 10531), (77, 10588), (78, 10591), (91, 10681), (94, 10735), (102, 10783), (127, 10996),

Gene: Bimmel_51 Start: 29040, Stop: 30080, Start Num: 3
Candidate Starts for Bimmel_51:
(Start: 3 @29040 has 3 MA's), (18, 29160), (29, 29226), (33, 29253), (45, 29328), (47, 29334), (56, 29409), (80, 29625), (81, 29634), (94, 29763), (107, 29883), (109, 29889), (111, 29895), (115, 29940), (122, 30033),

Gene: Bioscum_7 Start: 6045, Stop: 6902, Start Num: 6
Candidate Starts for Bioscum_7:
(Start: 6 @6045 has 63 MA's), (8, 6069), (10, 6096), (42, 6264), (78, 6516), (100, 6699), (111, 6741), (119, 6849),

Gene: Bipolar_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Bipolar_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Blett_13 Start: 7083, Stop: 7961, Start Num: 6
Candidate Starts for Blett_13:
(Start: 6 @7083 has 63 MA's), (9, 7122), (13, 7140), (15, 7143), (16, 7149), (19, 7164), (39, 7281), (42, 7296), (43, 7302), (57, 7404), (58, 7410), (75, 7527), (76, 7539), (86, 7614), (100, 7734), (102, 7740), (119, 7902), (121, 7926), (122, 7932),

Gene: Blexus_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for Blexus_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (64, 5423), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: BlueCrab_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for BlueCrab_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: BobaPhett_6 Start: 5039, Stop: 5860, Start Num: 7
Candidate Starts for BobaPhett_6:
(Start: 7 @5039 has 178 MA's), (10, 5078), (28, 5162), (30, 5180), (64, 5399), (67, 5405), (87, 5531), (88, 5543), (101, 5654), (113, 5726), (118, 5798), (121, 5831),

Gene: BodEinwohner17_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for BodEinwohner17_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Brocalys_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for Brocalys_6:

(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (64, 5396), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Bubbles123_6 Start: 5066, Stop: 5887, Start Num: 7
Candidate Starts for Bubbles123_6:
(Start: 7 @5066 has 178 MA's), (10, 5105), (28, 5189), (30, 5207), (31, 5210), (67, 5432), (83, 5540), (87, 5558), (88, 5570), (98, 5666), (101, 5681), (113, 5753), (118, 5825), (121, 5858),

Gene: Burwell21_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Burwell21_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (29, 5173), (30, 5188), (31, 5191), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Bush_13 Start: 7075, Stop: 7947, Start Num: 6
Candidate Starts for Bush_13:
(Start: 6 @7075 has 63 MA's), (9, 7114), (13, 7132), (15, 7135), (16, 7141), (19, 7156), (39, 7273), (42, 7288), (43, 7294), (57, 7396), (58, 7402), (75, 7519), (76, 7531), (86, 7606), (100, 7726), (102, 7732), (119, 7894), (121, 7918), (122, 7924),

Gene: ByChance_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for ByChance_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (29, 5175), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Byougenkin_6 Start: 5037, Stop: 5858, Start Num: 7
Candidate Starts for Byougenkin_6:
(Start: 7 @5037 has 178 MA's), (10, 5076), (28, 5160), (30, 5178), (31, 5181), (64, 5397), (67, 5403), (83, 5511), (87, 5529), (88, 5541), (101, 5652), (113, 5724), (118, 5796), (121, 5829),

Gene: Cabrinians_6 Start: 5039, Stop: 5860, Start Num: 7
Candidate Starts for Cabrinians_6:
(Start: 7 @5039 has 178 MA's), (10, 5078), (28, 5162), (30, 5180), (64, 5399), (67, 5405), (87, 5531), (88, 5543), (101, 5654), (113, 5726), (118, 5798), (121, 5831),

Gene: CaptainTrips_7 Start: 5710, Stop: 6531, Start Num: 7
Candidate Starts for CaptainTrips_7:
(Start: 7 @5710 has 178 MA's), (10, 5749), (28, 5833), (29, 5836), (30, 5851), (31, 5854), (67, 6076), (83, 6184), (87, 6202), (88, 6214), (98, 6310), (101, 6325), (113, 6397), (118, 6469), (121, 6502),

Gene: Carrillo_14 Start: 7038, Stop: 7916, Start Num: 6
Candidate Starts for Carrillo_14:
(Start: 6 @7038 has 63 MA's), (9, 7077), (13, 7095), (15, 7098), (16, 7104), (19, 7119), (39, 7236), (42, 7251), (43, 7257), (57, 7359), (58, 7365), (76, 7494), (86, 7569), (100, 7689), (102, 7695), (119, 7857), (121, 7881), (122, 7887),

Gene: Che8_6 Start: 5051, Stop: 5872, Start Num: 7
Candidate Starts for Che8_6:
(Start: 7 @5051 has 178 MA's), (10, 5090), (28, 5174), (30, 5192), (31, 5195), (64, 5411), (67, 5417), (83, 5525), (87, 5543), (88, 5555), (101, 5666), (113, 5738), (118, 5810), (121, 5843),

Gene: Cheesepuff_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for Cheesepuff_6:

(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (29, 5175), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Chevrolet_6 Start: 5052, Stop: 5873, Start Num: 7
Candidate Starts for Chevrolet_6:
(Start: 7 @5052 has 178 MA's), (10, 5091), (28, 5175), (30, 5193), (64, 5412), (67, 5418), (83, 5526), (87, 5544), (88, 5556), (101, 5667), (113, 5739), (118, 5811), (121, 5844),

Gene: Chuckly_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Chuckly_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Cicada_12 Start: 9206, Stop: 10066, Start Num: 6
Candidate Starts for Cicada_12:
(Start: 6 @9206 has 63 MA's), (10, 9257), (13, 9263), (19, 9287), (21, 9290), (49, 9467), (54, 9500), (73, 9611), (78, 9641), (84, 9689), (101, 9821), (116, 9965), (128, 10052),

Gene: Clank_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Clank_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Clifton_6 Start: 5035, Stop: 5856, Start Num: 7
Candidate Starts for Clifton_6:
(Start: 7 @5035 has 178 MA's), (10, 5074), (28, 5158), (29, 5161), (30, 5176), (31, 5179), (67, 5401), (83, 5509), (87, 5527), (88, 5539), (98, 5635), (101, 5650), (113, 5722), (118, 5794), (121, 5827),

Gene: CookieDog_13 Start: 7075, Stop: 7947, Start Num: 6
Candidate Starts for CookieDog_13:
(Start: 6 @7075 has 63 MA's), (9, 7114), (13, 7132), (15, 7135), (16, 7141), (19, 7156), (39, 7273), (42, 7288), (43, 7294), (57, 7396), (58, 7402), (75, 7519), (76, 7531), (86, 7606), (100, 7726), (102, 7732), (119, 7894), (121, 7918), (122, 7924),

Gene: Corium_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for Corium_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (64, 5423), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: Crumble_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for Crumble_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Cumberbatch_8 Start: 6284, Stop: 7129, Start Num: 6
Candidate Starts for Cumberbatch_8:
(Start: 6 @6284 has 63 MA's), (10, 6335), (20, 6368), (25, 6389), (39, 6488), (42, 6503), (52, 6572), (53, 6575), (77, 6743), (96, 6899), (99, 6920), (104, 6944), (117, 7064), (119, 7076), (121, 7100),

Gene: DLane_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for DLane_6:

(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (93, 5600), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: DRBy19_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for DRBy19_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (30, 5204), (31, 5207), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: DaRealMyers_7 Start: 6353, Stop: 7210, Start Num: 6
Candidate Starts for DaRealMyers_7:
(Start: 6 @6353 has 63 MA's), (8, 6377), (10, 6404), (39, 6557), (41, 6566), (42, 6572), (47, 6596), (53, 6644), (81, 6842), (92, 6932), (95, 6971), (99, 7001), (111, 7049), (116, 7133),

Gene: DaddyRickover_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for DaddyRickover_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Daenerys_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Daenerys_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Dante_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for Dante_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: DeadP_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for DeadP_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Deb65_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Deb65_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: DelaGarza_12 Start: 7432, Stop: 8292, Start Num: 6
Candidate Starts for DelaGarza_12:
(Start: 6 @7432 has 63 MA's), (17, 7501), (21, 7516), (26, 7534), (29, 7570), (37, 7624), (42, 7645), (44, 7660), (62, 7783), (95, 8017),

Gene: DillTech15_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for DillTech15_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: DoRead_6 Start: 5050, Stop: 5871, Start Num: 7
Candidate Starts for DoRead_6:
(Start: 7 @5050 has 178 MA's), (10, 5089), (28, 5173), (29, 5176), (30, 5191), (31, 5194), (67, 5416), (83, 5524), (87, 5542), (88, 5554), (98, 5650), (101, 5665), (113, 5737), (118, 5809), (121, 5842),

Gene: Donkeykong_6 Start: 5066, Stop: 5887, Start Num: 7
Candidate Starts for Donkeykong_6:
(Start: 7 @5066 has 178 MA's), (10, 5105), (28, 5189), (30, 5207), (31, 5210), (67, 5432), (83, 5540), (87, 5558), (88, 5570), (98, 5666), (101, 5681), (113, 5753), (118, 5825), (121, 5858),

Gene: Doomphist_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Doomphist_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Dorothy_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Dorothy_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: DotProduct_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for DotProduct_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: Doug_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for Doug_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (29, 5175), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Dropshot_12 Start: 6931, Stop: 7809, Start Num: 6
Candidate Starts for Dropshot_12:
(Start: 6 @6931 has 63 MA's), (9, 6970), (13, 6988), (15, 6991), (16, 6997), (19, 7012), (39, 7129), (42, 7144), (43, 7150), (57, 7252), (58, 7258), (76, 7387), (86, 7462), (100, 7582), (102, 7588), (119, 7750), (121, 7774), (122, 7780),

Gene: Dubu_6 Start: 5294, Stop: 6115, Start Num: 7
Candidate Starts for Dubu_6:
(Start: 7 @5294 has 178 MA's), (18, 5363), (28, 5417), (32, 5444), (42, 5495), (51, 5552), (55, 5588), (66, 5660), (80, 5732), (87, 5786), (105, 5933), (114, 5990),

Gene: Eastland_8 Start: 6285, Stop: 7130, Start Num: 6
Candidate Starts for Eastland_8:
(Start: 6 @6285 has 63 MA's), (10, 6336), (20, 6369), (25, 6390), (39, 6489), (42, 6504), (52, 6573), (53, 6576), (77, 6744), (96, 6900), (99, 6921), (104, 6945), (117, 7065), (119, 7077), (121, 7101),

Gene: Eish_6 Start: 5037, Stop: 5858, Start Num: 7
Candidate Starts for Eish_6:
(Start: 7 @5037 has 178 MA's), (10, 5076), (28, 5160), (29, 5163), (30, 5178), (31, 5181), (64, 5397), (67, 5403), (83, 5511), (87, 5529), (88, 5541), (101, 5652), (113, 5724), (118, 5796), (121, 5829),

Gene: Eklok_8 Start: 6297, Stop: 7142, Start Num: 6
Candidate Starts for Eklok_8:
(Start: 6 @6297 has 63 MA's), (10, 6348), (20, 6381), (25, 6402), (39, 6501), (42, 6516), (52, 6585), (53, 6588), (77, 6756), (96, 6912), (99, 6933), (104, 6957), (117, 7077), (119, 7089), (121, 7113),

Gene: EleanorGeorge_6 Start: 5062, Stop: 5883, Start Num: 7

Candidate Starts for EleanorGeorge_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: EmiMonkey_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for EmiMonkey_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Emma_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Emma_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Empress_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Empress_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Enzomatic_7 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for Enzomatic_7:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (98, 5636), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Eradicator_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for Eradicator_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (29, 5174), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: Estave1_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for Estave1_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Fancypants_6 Start: 5051, Stop: 5872, Start Num: 7
Candidate Starts for Fancypants_6:
(Start: 7 @5051 has 178 MA's), (10, 5090), (28, 5174), (29, 5177), (30, 5192), (31, 5195), (64, 5411), (67, 5417), (83, 5525), (87, 5543), (88, 5555), (101, 5666), (113, 5738), (118, 5810), (121, 5843),

Gene: Fastidio_6 Start: 5050, Stop: 5871, Start Num: 7
Candidate Starts for Fastidio_6:
(Start: 7 @5050 has 178 MA's), (10, 5089), (28, 5173), (30, 5191), (64, 5410), (67, 5416), (83, 5524), (87, 5542), (88, 5554), (101, 5665), (113, 5737), (118, 5809), (121, 5842),

Gene: Filuzino_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for Filuzino_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: FireCastle_10 Start: 8876, Stop: 9733, Start Num: 6
Candidate Starts for FireCastle_10:
(Start: 6 @8876 has 63 MA's), (10, 8927), (13, 8933), (19, 8957), (21, 8960), (49, 9137), (54, 9170), (73, 9281), (84, 9359), (101, 9491), (104, 9506), (116, 9638), (128, 9725),

Gene: Firehouse51_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Firehouse51_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Florinda_6 Start: 5067, Stop: 5888, Start Num: 7
Candidate Starts for Florinda_6:
(Start: 7 @5067 has 178 MA's), (10, 5106), (28, 5190), (30, 5208), (31, 5211), (64, 5427), (67, 5433), (83, 5541), (87, 5559), (88, 5571), (101, 5682), (113, 5754), (118, 5826), (121, 5859),

Gene: FreddyB_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for FreddyB_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (29, 5174), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: Fruitloop_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for Fruitloop_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: FrumpyGal_8 Start: 6285, Stop: 7130, Start Num: 6
Candidate Starts for FrumpyGal_8:
(Start: 6 @6285 has 63 MA's), (10, 6336), (20, 6369), (25, 6390), (39, 6489), (42, 6504), (52, 6573), (53, 6576), (77, 6744), (96, 6900), (99, 6921), (104, 6945), (117, 7065), (119, 7077), (121, 7101),

Gene: GUmbie_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for GUmbie_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Galactic_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for Galactic_6:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (98, 5636), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Gandalph_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for Gandalph_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (30, 5205), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Geralt_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Geralt_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: GigiOuiOui_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for GigiOuiOui_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Gingerbug_9 Start: 6620, Stop: 7483, Start Num: 6
Candidate Starts for Gingerbug_9:

(Start: 6 @6620 has 63 MA's), (Start: 7 @6632 has 178 MA's), (19, 6701), (21, 6704), (29, 6758), (42, 6833), (44, 6848), (62, 6971), (84, 7112), (85, 7121), (111, 7319), (119, 7427), (121, 7451), (126, 7475),

Gene: Girr_6 Start: 5053, Stop: 5874, Start Num: 7
Candidate Starts for Girr_6:
(Start: 7 @5053 has 178 MA's), (10, 5092), (28, 5176), (30, 5194), (64, 5413), (67, 5419), (87, 5545), (88, 5557), (101, 5668), (113, 5740), (118, 5812), (121, 5845),

Gene: Goodman_11 Start: 9115, Stop: 9978, Start Num: 6
Candidate Starts for Goodman_11:
(Start: 6 @9115 has 63 MA's), (10, 9166), (13, 9172), (19, 9196), (21, 9199), (49, 9376), (54, 9409), (73, 9520), (78, 9550), (84, 9598), (101, 9730), (116, 9877), (128, 9964),

Gene: Gorge_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for Gorge_6:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (64, 5396), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Grimmer_7 Start: 5702, Stop: 6523, Start Num: 7
Candidate Starts for Grimmer_7:
(Start: 7 @5702 has 178 MA's), (10, 5741), (28, 5825), (30, 5843), (67, 6068), (83, 6176), (87, 6194), (88, 6206), (101, 6317), (113, 6389), (118, 6461), (121, 6494),

Gene: Guppsters_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Guppsters_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Guzman_14 Start: 7346, Stop: 8224, Start Num: 6
Candidate Starts for Guzman_14:
(Start: 6 @7346 has 63 MA's), (9, 7385), (13, 7403), (15, 7406), (16, 7412), (19, 7427), (39, 7544), (42, 7559), (43, 7565), (57, 7667), (58, 7673), (76, 7802), (86, 7877), (100, 7997), (102, 8003), (119, 8165), (121, 8189), (122, 8195),

Gene: HFrancette_8 Start: 6287, Stop: 7141, Start Num: 6
Candidate Starts for HFrancette_8:
(Start: 6 @6287 has 63 MA's), (9, 6326), (10, 6338), (39, 6491), (42, 6506), (52, 6575), (72, 6713), (78, 6758), (94, 6899), (100, 6938), (109, 6974), (110, 6977), (119, 7088), (121, 7112),

Gene: Hades_6 Start: 5050, Stop: 5871, Start Num: 7
Candidate Starts for Hades_6:
(Start: 7 @5050 has 178 MA's), (10, 5089), (28, 5173), (29, 5176), (30, 5191), (31, 5194), (67, 5416), (83, 5524), (87, 5542), (88, 5554), (98, 5650), (101, 5665), (113, 5737), (118, 5809), (121, 5842),

Gene: Hamulus_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for Hamulus_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: Harley_6 Start: 5037, Stop: 5858, Start Num: 7
Candidate Starts for Harley_6:

(Start: 7 @5037 has 178 MA's), (10, 5076), (28, 5160), (30, 5178), (31, 5181), (64, 5397), (67, 5403), (83, 5511), (87, 5529), (88, 5541), (101, 5652), (113, 5724), (118, 5796), (121, 5829),

Gene: Hlubikazi_6 Start: 5037, Stop: 5858, Start Num: 7
Candidate Starts for Hlubikazi_6:
(Start: 7 @5037 has 178 MA's), (10, 5076), (28, 5160), (29, 5163), (30, 5178), (31, 5181), (64, 5397), (67, 5403), (87, 5529), (88, 5541), (101, 5652), (113, 5724), (118, 5796), (121, 5829),

Gene: Htur_10 Start: 9054, Stop: 9911, Start Num: 6
Candidate Starts for Htur_10:
(Start: 6 @9054 has 63 MA's), (10, 9105), (13, 9111), (19, 9135), (21, 9138), (49, 9315), (54, 9348), (78, 9489), (84, 9537), (101, 9669), (116, 9816), (128, 9903),

Gene: IMpilo_6 Start: 5050, Stop: 5871, Start Num: 7
Candidate Starts for IMpilo_6:
(Start: 7 @5050 has 178 MA's), (10, 5089), (28, 5173), (29, 5176), (30, 5191), (31, 5194), (67, 5416), (83, 5524), (87, 5542), (88, 5554), (93, 5587), (98, 5650), (101, 5665), (113, 5737), (118, 5809), (121, 5842),

Gene: IbOuu_6 Start: 5046, Stop: 5867, Start Num: 7
Candidate Starts for IbOuu_6:
(Start: 7 @5046 has 178 MA's), (10, 5085), (28, 5169), (29, 5172), (30, 5187), (31, 5190), (67, 5412), (83, 5520), (87, 5538), (88, 5550), (98, 5646), (101, 5661), (113, 5733), (118, 5805), (121, 5838),

Gene: Ibantik_71 Start: 32975, Stop: 34063, Start Num: 2
Candidate Starts for Ibantik_71:
(Start: 2 @32975 has 1 MA's), (27, 33149), (33, 33200), (36, 33215), (45, 33275), (47, 33281), (56, 33356), (81, 33581), (94, 33707), (96, 33719), (106, 33821), (107, 33851), (115, 33908), (116, 33947), (120, 33977), (122, 34001),

Gene: Ibhubesi_6 Start: 5037, Stop: 5858, Start Num: 7
Candidate Starts for Ibhubesi_6:
(Start: 7 @5037 has 178 MA's), (10, 5076), (28, 5160), (30, 5178), (31, 5181), (64, 5397), (67, 5403), (83, 5511), (87, 5529), (88, 5541), (101, 5652), (113, 5724), (118, 5796), (121, 5829),

Gene: Ididsumtinwong_7 Start: 6045, Stop: 6902, Start Num: 6
Candidate Starts for Ididsumtinwong_7:
(Start: 6 @6045 has 63 MA's), (8, 6069), (10, 6096), (42, 6264), (78, 6516), (100, 6699), (111, 6741), (119, 6849),

Gene: Ignacio_8 Start: 6287, Stop: 7141, Start Num: 6
Candidate Starts for Ignacio_8:
(Start: 6 @6287 has 63 MA's), (9, 6326), (10, 6338), (39, 6491), (42, 6506), (52, 6575), (72, 6713), (78, 6758), (94, 6899), (100, 6938), (109, 6974), (110, 6977), (119, 7088), (121, 7112),

Gene: IndiRoo_10 Start: 7144, Stop: 8007, Start Num: 6
Candidate Starts for IndiRoo_10:
(Start: 6 @7144 has 63 MA's), (10, 7195), (13, 7201), (19, 7225), (21, 7228), (54, 7438), (73, 7549), (84, 7627), (99, 7750), (101, 7759), (116, 7906),

Gene: Inventum_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Inventum_6:

(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: IrishSherpFalk_6 Start: 5050, Stop: 5871, Start Num: 7
Candidate Starts for IrishSherpFalk_6:
(Start: 7 @5050 has 178 MA's), (10, 5089), (28, 5173), (30, 5191), (31, 5194), (64, 5410), (67, 5416), (83, 5524), (87, 5542), (88, 5554), (101, 5665), (113, 5737), (121, 5842),

Gene: Jace_6 Start: 5646, Stop: 6560, Start Num: 7
Candidate Starts for Jace_6:
(Start: 7 @5646 has 178 MA's), (22, 5733), (23, 5736), (29, 5781), (45, 5874), (60, 5982), (77, 6117), (86, 6180), (100, 6300), (108, 6360), (124, 6516),

Gene: Jakelyne_14 Start: 7082, Stop: 7960, Start Num: 6
Candidate Starts for Jakelyne_14:
(Start: 6 @7082 has 63 MA's), (9, 7121), (13, 7139), (15, 7142), (16, 7148), (19, 7163), (39, 7280), (42, 7295), (43, 7301), (52, 7364), (57, 7403), (58, 7409), (76, 7538), (100, 7733), (119, 7901), (121, 7925), (122, 7931),

Gene: James_6 Start: 5039, Stop: 5860, Start Num: 7
Candidate Starts for James_6:
(Start: 7 @5039 has 178 MA's), (10, 5078), (28, 5162), (30, 5180), (64, 5399), (67, 5405), (87, 5531), (88, 5543), (101, 5654), (113, 5726), (118, 5798), (121, 5831),

Gene: Jant_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Jant_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Jarcob_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for Jarcob_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (29, 5174), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: Jennelsea_6 Start: 5035, Stop: 5856, Start Num: 7
Candidate Starts for Jennelsea_6:
(Start: 7 @5035 has 178 MA's), (10, 5074), (28, 5158), (29, 5161), (30, 5176), (31, 5179), (67, 5401), (83, 5509), (87, 5527), (88, 5539), (98, 5635), (101, 5650), (113, 5722), (118, 5794), (121, 5827),

Gene: Jera_11 Start: 8197, Stop: 9060, Start Num: 6
Candidate Starts for Jera_11:
(Start: 6 @8197 has 63 MA's), (10, 8248), (13, 8254), (19, 8278), (21, 8281), (35, 8371), (49, 8458), (54, 8491), (73, 8602), (78, 8632), (84, 8680), (101, 8812), (116, 8959), (128, 9046),

Gene: Jinglebell_6 Start: 5046, Stop: 5867, Start Num: 7
Candidate Starts for Jinglebell_6:
(Start: 7 @5046 has 178 MA's), (10, 5085), (28, 5169), (29, 5172), (30, 5187), (31, 5190), (67, 5412), (83, 5520), (87, 5538), (88, 5550), (101, 5661), (113, 5733), (118, 5805), (121, 5838),

Gene: JoeyJr_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for JoeyJr_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Johann_11 Start: 9115, Stop: 9978, Start Num: 6
Candidate Starts for Johann_11:
(Start: 6 @9115 has 63 MA's), (10, 9166), (13, 9172), (19, 9196), (21, 9199), (49, 9376), (54, 9409), (73, 9520), (78, 9550), (84, 9598), (101, 9730), (116, 9877), (128, 9964),

Gene: Juniper1_6 Start: 5039, Stop: 5860, Start Num: 7
Candidate Starts for Juniper1_6:
(Start: 7 @5039 has 178 MA's), (10, 5078), (28, 5162), (29, 5165), (30, 5180), (64, 5399), (67, 5405), (87, 5531), (88, 5543), (101, 5654), (113, 5726), (118, 5798), (121, 5831),

Gene: Karhdo_6 Start: 5051, Stop: 5872, Start Num: 7
Candidate Starts for Karhdo_6:
(Start: 7 @5051 has 178 MA's), (10, 5090), (28, 5174), (30, 5192), (64, 5411), (67, 5417), (83, 5525), (87, 5543), (88, 5555), (101, 5666), (113, 5738), (118, 5810), (121, 5843),

Gene: Kenuha5_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Kenuha5_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Kersh_6 Start: 5040, Stop: 5861, Start Num: 7
Candidate Starts for Kersh_6:
(Start: 7 @5040 has 178 MA's), (10, 5079), (28, 5163), (29, 5166), (30, 5181), (31, 5184), (64, 5400), (67, 5406), (83, 5514), (87, 5532), (88, 5544), (101, 5655), (113, 5727), (118, 5799), (121, 5832),

Gene: KingJulian_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for KingJulian_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (64, 5423), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: KingMidas_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for KingMidas_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Koella_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Koella_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (29, 5173), (30, 5188), (31, 5191), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (98, 5647), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Krakatau_7 Start: 5714, Stop: 6535, Start Num: 7
Candidate Starts for Krakatau_7:
(Start: 7 @5714 has 178 MA's), (10, 5753), (28, 5837), (29, 5840), (30, 5855), (31, 5858), (67, 6080), (83, 6188), (87, 6206), (88, 6218), (98, 6314), (101, 6329), (113, 6401), (118, 6473), (121, 6506),

Gene: KristaRAM_7 Start: 5710, Stop: 6531, Start Num: 7
Candidate Starts for KristaRAM_7:
(Start: 7 @5710 has 178 MA's), (10, 5749), (28, 5833), (29, 5836), (30, 5851), (31, 5854), (67, 6076), (83, 6184), (87, 6202), (88, 6214), (98, 6310), (101, 6325), (113, 6397), (118, 6469), (121, 6502),

Gene: Labella_12 Start: 9084, Stop: 9947, Start Num: 6

Candidate Starts for Labella_12:
(Start: 6 @9084 has 63 MA's), (10, 9135), (13, 9141), (19, 9165), (21, 9168), (35, 9258), (40, 9285), (49, 9345), (54, 9378), (73, 9489), (78, 9519), (84, 9567), (101, 9699), (116, 9846), (128, 9933),

Gene: LastJedi_6 Start: 5039, Stop: 5860, Start Num: 7
Candidate Starts for LastJedi_6:
(Start: 7 @5039 has 178 MA's), (10, 5078), (28, 5162), (30, 5180), (64, 5399), (67, 5405), (87, 5531), (88, 5543), (101, 5654), (113, 5726), (118, 5798), (121, 5831),

Gene: Latretium_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for Latretium_6:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (64, 5396), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Leperchaun_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for Leperchaun_6:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (30, 5177), (31, 5180), (50, 5291), (64, 5396), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Lesiram_12 Start: 7405, Stop: 8268, Start Num: 6
Candidate Starts for Lesiram_12:
(Start: 6 @7405 has 63 MA's), (Start: 7 @7417 has 178 MA's), (17, 7474), (21, 7489), (23, 7498), (26, 7507), (29, 7543), (37, 7597), (42, 7618), (44, 7633), (62, 7756), (95, 7993),

Gene: LilMoolah_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for LilMoolah_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (29, 5174), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: Linayshia_10 Start: 9048, Stop: 9905, Start Num: 6
Candidate Starts for Linayshia_10:
(Start: 6 @9048 has 63 MA's), (10, 9099), (13, 9105), (19, 9129), (21, 9132), (49, 9309), (54, 9342), (78, 9483), (84, 9531), (101, 9663), (116, 9810), (128, 9897),

Gene: Lishka_7 Start: 6011, Stop: 6865, Start Num: 6
Candidate Starts for Lishka_7:
(Start: 6 @6011 has 63 MA's), (8, 6035), (10, 6062), (39, 6215), (42, 6230), (94, 6623), (96, 6635), (100, 6662), (111, 6704), (119, 6812), (121, 6836),

Gene: Lizziana_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for Lizziana_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (29, 5175), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Llama_6 Start: 5046, Stop: 5867, Start Num: 7
Candidate Starts for Llama_6:
(Start: 7 @5046 has 178 MA's), (10, 5085), (28, 5169), (29, 5172), (30, 5187), (31, 5190), (67, 5412), (83, 5520), (87, 5538), (88, 5550), (101, 5661), (113, 5733), (118, 5805), (121, 5838),

Gene: Llij_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for Llij_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Losacky_14 Start: 7221, Stop: 8093, Start Num: 6
Candidate Starts for Losacky_14:
(Start: 6 @7221 has 63 MA's), (9, 7260), (13, 7278), (15, 7281), (16, 7287), (19, 7302), (39, 7419), (42, 7434), (43, 7440), (57, 7542), (58, 7548), (75, 7665), (76, 7677), (86, 7752), (100, 7872), (102, 7878), (119, 8040), (121, 8064), (122, 8070),

Gene: LunaBlu_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for LunaBlu_6:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (98, 5636), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: MadMen_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for MadMen_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (64, 5423), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (101, 5678), (109, 5720), (113, 5750), (118, 5822), (121, 5855),

Gene: Mahavrat_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for Mahavrat_6:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (30, 5177), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Mandlovu_6 Start: 5037, Stop: 5858, Start Num: 7
Candidate Starts for Mandlovu_6:
(Start: 7 @5037 has 178 MA's), (10, 5076), (28, 5160), (29, 5163), (30, 5178), (31, 5181), (64, 5397), (67, 5403), (87, 5529), (88, 5541), (101, 5652), (113, 5724), (118, 5796), (121, 5829),

Gene: Mantra_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for Mantra_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Maravista_6 Start: 5037, Stop: 5858, Start Num: 7
Candidate Starts for Maravista_6:
(1, 4902), (4, 5001), (Start: 7 @5037 has 178 MA's), (10, 5076), (28, 5160), (29, 5163), (30, 5178), (31, 5181), (64, 5397), (67, 5403), (83, 5511), (87, 5529), (88, 5541), (101, 5652), (113, 5724), (118, 5796), (121, 5829),

Gene: Mariel_14 Start: 7242, Stop: 8120, Start Num: 6
Candidate Starts for Mariel_14:
(Start: 6 @7242 has 63 MA's), (9, 7281), (11, 7296), (13, 7299), (15, 7302), (16, 7308), (19, 7323), (39, 7440), (42, 7455), (43, 7461), (57, 7563), (58, 7569), (76, 7698), (86, 7773), (100, 7893), (102, 7899), (119, 8061), (121, 8085), (122, 8091),

Gene: Martik_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for Martik_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (29, 5175), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Mattes_6 Start: 5039, Stop: 5860, Start Num: 7
Candidate Starts for Mattes_6:

(Start: 7 @5039 has 178 MA's), (10, 5078), (28, 5162), (30, 5180), (64, 5399), (67, 5405), (87, 5531), (88, 5543), (101, 5654), (113, 5726), (118, 5798), (121, 5831),

Gene: Medindi_6 Start: 5051, Stop: 5872, Start Num: 7
Candidate Starts for Medindi_6:
(Start: 7 @5051 has 178 MA's), (10, 5090), (28, 5174), (29, 5177), (30, 5192), (31, 5195), (67, 5417), (83, 5525), (87, 5543), (88, 5555), (98, 5651), (101, 5666), (113, 5738), (118, 5810), (121, 5843),

Gene: Melissauren88_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Melissauren88_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: MenE_13 Start: 7199, Stop: 8077, Start Num: 6
Candidate Starts for MenE_13:
(Start: 6 @7199 has 63 MA's), (9, 7238), (13, 7256), (15, 7259), (16, 7265), (19, 7280), (39, 7397), (42, 7412), (43, 7418), (57, 7520), (58, 7526), (76, 7655), (86, 7730), (100, 7850), (102, 7856), (119, 8018), (121, 8042), (122, 8048),

Gene: MilanaBonita_7 Start: 5710, Stop: 6531, Start Num: 7
Candidate Starts for MilanaBonita_7:
(Start: 7 @5710 has 178 MA's), (10, 5749), (28, 5833), (29, 5836), (30, 5851), (31, 5854), (67, 6076), (83, 6184), (87, 6202), (88, 6214), (98, 6310), (101, 6325), (113, 6397), (118, 6469), (121, 6502),

Gene: Milani_11 Start: 7798, Stop: 8655, Start Num: 6
Candidate Starts for Milani_11:
(Start: 6 @7798 has 63 MA's), (10, 7849), (13, 7855), (19, 7879), (21, 7882), (49, 8059), (54, 8092), (73, 8203), (84, 8281), (116, 8560), (128, 8647),

Gene: MilleniumForce_7 Start: 5710, Stop: 6531, Start Num: 7
Candidate Starts for MilleniumForce_7:
(Start: 7 @5710 has 178 MA's), (10, 5749), (28, 5833), (29, 5836), (30, 5851), (31, 5854), (67, 6076), (83, 6184), (87, 6202), (88, 6214), (98, 6310), (101, 6325), (113, 6397), (118, 6469), (121, 6502),

Gene: MinionDave_7 Start: 5710, Stop: 6531, Start Num: 7
Candidate Starts for MinionDave_7:
(Start: 7 @5710 has 178 MA's), (10, 5749), (28, 5833), (29, 5836), (30, 5851), (31, 5854), (67, 6076), (83, 6184), (87, 6202), (88, 6214), (98, 6310), (101, 6325), (113, 6397), (118, 6469), (121, 6502),

Gene: Minnie_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for Minnie_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: MisterCuddles_6 Start: 5053, Stop: 5874, Start Num: 7
Candidate Starts for MisterCuddles_6:
(Start: 7 @5053 has 178 MA's), (10, 5092), (28, 5176), (30, 5194), (64, 5413), (67, 5419), (87, 5545), (88, 5557), (101, 5668), (113, 5740), (118, 5812), (121, 5845),

Gene: Modragons_6 Start: 5046, Stop: 5867, Start Num: 7
Candidate Starts for Modragons_6:
(Start: 7 @5046 has 178 MA's), (10, 5085), (28, 5169), (29, 5172), (30, 5187), (31, 5190), (67, 5412), (83, 5520), (87, 5538), (88, 5550), (101, 5661), (113, 5733), (118, 5805), (121, 5838),

Gene: Moonbeam_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for Moonbeam_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (29, 5175), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Ms6_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Ms6_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: MulchSalad_6 Start: 5050, Stop: 5871, Start Num: 7
Candidate Starts for MulchSalad_6:
(Start: 7 @5050 has 178 MA's), (10, 5089), (28, 5173), (30, 5191), (64, 5410), (67, 5416), (83, 5524), (87, 5542), (88, 5554), (101, 5665), (113, 5737), (118, 5809), (121, 5842),

Gene: Mutaforma13_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Mutaforma13_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (101, 5677), (113, 5749), (118, 5821), (122, 5860),

Gene: Mwanjiwa_6 Start: 5034, Stop: 5855, Start Num: 7
Candidate Starts for Mwanjiwa_6:
(Start: 7 @5034 has 178 MA's), (10, 5073), (28, 5157), (29, 5160), (30, 5175), (31, 5178), (67, 5400), (83, 5508), (87, 5526), (88, 5538), (98, 5634), (101, 5649), (113, 5721), (118, 5793), (121, 5826),

Gene: NCRodriguez_14 Start: 7199, Stop: 8077, Start Num: 6
Candidate Starts for NCRodriguez_14:
(Start: 6 @7199 has 63 MA's), (9, 7238), (13, 7256), (15, 7259), (16, 7265), (19, 7280), (39, 7397), (42, 7412), (43, 7418), (57, 7520), (58, 7526), (75, 7643), (76, 7655), (86, 7730), (100, 7850), (102, 7856), (119, 8018), (121, 8042), (122, 8048),

Gene: NewHope4_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for NewHope4_6:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (98, 5636), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Nichirin_6 Start: 5046, Stop: 5867, Start Num: 7
Candidate Starts for Nichirin_6:
(Start: 7 @5046 has 178 MA's), (10, 5085), (28, 5169), (29, 5172), (30, 5187), (31, 5190), (67, 5412), (83, 5520), (87, 5538), (88, 5550), (101, 5661), (113, 5733), (118, 5805), (121, 5838),

Gene: Nimbo_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Nimbo_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Nitzel_7 Start: 5700, Stop: 6521, Start Num: 7
Candidate Starts for Nitzel_7:
(Start: 7 @5700 has 178 MA's), (10, 5739), (28, 5823), (30, 5841), (31, 5844), (64, 6060), (67, 6066), (83, 6174), (87, 6192), (88, 6204), (101, 6315), (113, 6387), (118, 6459), (121, 6492),

Gene: Nivrat_6 Start: 5048, Stop: 5869, Start Num: 7

Candidate Starts for Nivrat_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: NormanBulbieJr_6 Start: 5035, Stop: 5856, Start Num: 7
Candidate Starts for NormanBulbieJr_6:
(Start: 7 @5035 has 178 MA's), (10, 5074), (28, 5158), (29, 5161), (30, 5176), (31, 5179), (67, 5401), (83, 5509), (87, 5527), (88, 5539), (98, 5635), (101, 5650), (113, 5722), (118, 5794), (121, 5827),

Gene: Ochi17_6 Start: 5046, Stop: 5867, Start Num: 7
Candidate Starts for Ochi17_6:
(Start: 7 @5046 has 178 MA's), (10, 5085), (28, 5169), (29, 5172), (30, 5187), (31, 5190), (67, 5412), (83, 5520), (87, 5538), (88, 5550), (101, 5661), (113, 5733), (118, 5805), (121, 5838),

Gene: OfUltron_6 Start: 5046, Stop: 5867, Start Num: 7
Candidate Starts for OfUltron_6:
(Start: 7 @5046 has 178 MA's), (10, 5085), (28, 5169), (29, 5172), (30, 5187), (31, 5190), (67, 5412), (83, 5520), (87, 5538), (88, 5550), (101, 5661), (113, 5733), (118, 5805), (121, 5838),

Gene: Okabe_8 Start: 5710, Stop: 6531, Start Num: 7
Candidate Starts for Okabe_8:
(Start: 7 @5710 has 178 MA's), (10, 5749), (28, 5833), (29, 5836), (30, 5851), (31, 5854), (64, 6070), (67, 6076), (83, 6184), (87, 6202), (88, 6214), (101, 6325), (113, 6397), (118, 6469), (121, 6502),

Gene: OldBen_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for OldBen_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Olympi_12 Start: 9106, Stop: 9969, Start Num: 6
Candidate Starts for Olympi_12:
(Start: 6 @9106 has 63 MA's), (10, 9157), (13, 9163), (19, 9187), (21, 9190), (49, 9367), (54, 9400), (73, 9511), (78, 9541), (84, 9589), (101, 9721), (116, 9868), (128, 9955),

Gene: OlympiaSaint_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for OlympiaSaint_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: Ovechkin_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Ovechkin_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: PHappiness_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for PHappiness_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: PMC_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for PMC_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Pacc40_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Pacc40_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: PapayaSalad_7 Start: 6017, Stop: 6874, Start Num: 6
Candidate Starts for PapayaSalad_7:
(Start: 6 @6017 has 63 MA's), (8, 6041), (10, 6068), (42, 6236), (78, 6488), (100, 6671), (111, 6713), (119, 6821),

Gene: Parvaparticeps_43 Start: 31069, Stop: 30161, Start Num: 5
Candidate Starts for Parvaparticeps_43:
(5, 31069), (21, 30979), (38, 30868), (43, 30844), (46, 30829), (54, 30769), (58, 30736), (62, 30712), (68, 30673), (83, 30547), (101, 30406), (113, 30313), (119, 30232),

Gene: PatoPoderoso_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for PatoPoderoso_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (64, 5423), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: PermaG_11 Start: 9137, Stop: 9994, Start Num: 6
Candidate Starts for PermaG_11:
(Start: 6 @9137 has 63 MA's), (10, 9188), (13, 9194), (19, 9218), (21, 9221), (49, 9398), (54, 9431), (73, 9542), (84, 9620), (101, 9752), (104, 9767), (116, 9899), (121, 9947), (128, 9986),

Gene: Phalconet_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Phalconet_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Phanphagia_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Phanphagia_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Phasih_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for Phasih_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (30, 5204), (31, 5207), (64, 5423), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: Phatniss_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Phatniss_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (29, 5173), (30, 5188), (31, 5191), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: PhesterPhotato_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for PhesterPhotato_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: PhillyJawn_13 Start: 6931, Stop: 7809, Start Num: 6

Candidate Starts for PhillyJawn_13:
(Start: 6 @6931 has 63 MA's), (9, 6970), (13, 6988), (15, 6991), (16, 6997), (19, 7012), (39, 7129), (42, 7144), (43, 7150), (57, 7252), (58, 7258), (76, 7387), (86, 7462), (100, 7582), (102, 7588), (119, 7750), (121, 7774), (122, 7780),

Gene: Philus_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for Philus_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (29, 5174), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: Phingu_15 Start: 7089, Stop: 7967, Start Num: 6
Candidate Starts for Phingu_15:
(Start: 6 @7089 has 63 MA's), (9, 7128), (13, 7146), (15, 7149), (16, 7155), (19, 7170), (39, 7287), (42, 7302), (43, 7308), (57, 7410), (58, 7416), (75, 7533), (76, 7545), (86, 7620), (100, 7740), (102, 7746), (119, 7908), (121, 7932), (122, 7938),

Gene: PhlipPhlop_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for PhlipPhlop_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Phonegingi_12 Start: 6925, Stop: 7803, Start Num: 6
Candidate Starts for Phonegingi_12:
(Start: 6 @6925 has 63 MA's), (9, 6964), (13, 6982), (15, 6985), (16, 6991), (19, 7006), (39, 7123), (42, 7138), (43, 7144), (52, 7207), (57, 7246), (58, 7252), (76, 7381), (100, 7576), (119, 7744), (121, 7768), (122, 7774),

Gene: Piccadilly_8 Start: 6284, Stop: 7129, Start Num: 6
Candidate Starts for Piccadilly_8:
(Start: 6 @6284 has 63 MA's), (10, 6335), (20, 6368), (25, 6389), (39, 6488), (42, 6503), (52, 6572), (53, 6575), (77, 6743), (96, 6899), (99, 6920), (104, 6944), (117, 7064), (119, 7076), (121, 7100),

Gene: Pickles13_12 Start: 7077, Stop: 7973, Start Num: 6
Candidate Starts for Pickles13_12:
(Start: 6 @7077 has 63 MA's), (9, 7116), (13, 7134), (15, 7137), (16, 7143), (19, 7158), (39, 7275), (42, 7290), (43, 7296), (52, 7359), (57, 7398), (58, 7404), (75, 7521), (76, 7533), (79, 7551), (86, 7608), (102, 7734), (119, 7920), (121, 7944), (122, 7950),

Gene: Pippy_6 Start: 5035, Stop: 5856, Start Num: 7
Candidate Starts for Pippy_6:
(Start: 7 @5035 has 178 MA's), (10, 5074), (28, 5158), (29, 5161), (30, 5176), (31, 5179), (67, 5401), (83, 5509), (87, 5527), (88, 5539), (98, 5635), (101, 5650), (113, 5722), (118, 5794), (121, 5827),

Gene: Poenanya_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Poenanya_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Polka14_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for Polka14_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (30, 5189), (31, 5192), (50, 5303), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: Polo2Bam_7 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for Polo2Bam_7:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (98, 5636), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: PopTart_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for PopTart_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Priscilla_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for Priscilla_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (29, 5174), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: QuickMath_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for QuickMath_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: Radiance_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Radiance_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Rasovi_10 Start: 9054, Stop: 9911, Start Num: 6
Candidate Starts for Rasovi_10:
(Start: 6 @9054 has 63 MA's), (10, 9105), (13, 9111), (19, 9135), (21, 9138), (49, 9315), (54, 9348), (78, 9489), (84, 9537), (101, 9669), (116, 9816), (128, 9903),

Gene: RedBird_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for RedBird_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Rita_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for Rita_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (29, 5189), (30, 5204), (31, 5207), (67, 5429), (87, 5555), (88, 5567), (98, 5663), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: RitaG_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for RitaG_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Rockne_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for Rockne_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Rootkit7_10 Start: 8953, Stop: 9813, Start Num: 6
Candidate Starts for Rootkit7_10:

(Start: 6 @8953 has 63 MA's), (10, 9004), (13, 9010), (19, 9034), (21, 9037), (35, 9127), (40, 9154), (49, 9214), (54, 9247), (73, 9358), (78, 9388), (84, 9436), (101, 9568), (104, 9583), (116, 9712), (128, 9799),

Gene: Royals2015_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Royals2015_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Ruby_6 Start: 5053, Stop: 5874, Start Num: 7
Candidate Starts for Ruby_6:
(Start: 7 @5053 has 178 MA's), (10, 5092), (28, 5176), (30, 5194), (64, 5413), (67, 5419), (87, 5545), (88, 5557), (101, 5668), (113, 5740), (118, 5812), (121, 5845),

Gene: SBlackberry_10 Start: 8956, Stop: 9819, Start Num: 6
Candidate Starts for SBlackberry_10:
(Start: 6 @8956 has 63 MA's), (10, 9007), (13, 9013), (19, 9037), (21, 9040), (35, 9130), (40, 9157), (49, 9217), (54, 9250), (73, 9361), (78, 9391), (84, 9439), (101, 9571), (116, 9718), (128, 9805),

Gene: SG4_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for SG4_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Saal_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for Saal_6:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (64, 5396), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Sabbb_6 Start: 5051, Stop: 5872, Start Num: 7
Candidate Starts for Sabbb_6:
(Start: 7 @5051 has 178 MA's), (10, 5090), (28, 5174), (29, 5177), (30, 5192), (67, 5417), (83, 5525), (87, 5543), (88, 5555), (101, 5666), (113, 5738), (118, 5810), (121, 5843),

Gene: Sandalphon_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for Sandalphon_6:
(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Sassafras_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Sassafras_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: SassyB_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for SassyB_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Schlegelian_8 Start: 6284, Stop: 7129, Start Num: 6
Candidate Starts for Schlegelian_8:
(Start: 6 @6284 has 63 MA's), (10, 6335), (20, 6368), (25, 6389), (39, 6488), (42, 6503), (52, 6572), (53, 6575), (77, 6743), (96, 6899), (99, 6920), (104, 6944), (117, 7064), (119, 7076), (121, 7100),

Gene: ScoobySnack_11 Start: 6783, Stop: 7679, Start Num: 6
Candidate Starts for ScoobySnack_11:
(Start: 6 @6783 has 63 MA's), (9, 6822), (13, 6840), (15, 6843), (16, 6849), (19, 6864), (24, 6879), (39, 6981), (42, 6996), (43, 7002), (57, 7104), (58, 7110), (75, 7227), (76, 7239), (79, 7257), (99, 7428), (100, 7434), (102, 7440), (119, 7626), (121, 7650),

Gene: Scottish_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Scottish_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (30, 5188), (31, 5191), (50, 5302), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: SeaLumen_6 Start: 5036, Stop: 5857, Start Num: 7
Candidate Starts for SeaLumen_6:
(Start: 7 @5036 has 178 MA's), (10, 5075), (28, 5159), (29, 5162), (30, 5177), (31, 5180), (67, 5402), (83, 5510), (87, 5528), (88, 5540), (98, 5636), (101, 5651), (113, 5723), (118, 5795), (121, 5828),

Gene: Seabastian_6 Start: 5046, Stop: 5867, Start Num: 7
Candidate Starts for Seabastian_6:
(Start: 7 @5046 has 178 MA's), (10, 5085), (28, 5169), (29, 5172), (30, 5187), (31, 5190), (67, 5412), (83, 5520), (87, 5538), (88, 5550), (101, 5661), (113, 5733), (118, 5805), (121, 5838),

Gene: Shauna1_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Shauna1_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: ShiLan_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for ShiLan_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (29, 5174), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: ShowerHandel_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for ShowerHandel_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (29, 5175), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: ShroomBoi_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for ShroomBoi_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (64, 5422), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: SiSi_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for SiSi_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (29, 5173), (30, 5188), (31, 5191), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (98, 5647), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: SoJo_7 Start: 6353, Stop: 7210, Start Num: 6
Candidate Starts for SoJo_7:
(Start: 6 @6353 has 63 MA's), (8, 6377), (10, 6404), (39, 6557), (41, 6566), (42, 6572), (47, 6596), (53, 6644), (81, 6842), (92, 6932), (95, 6971), (99, 7001), (111, 7049), (116, 7133),

Gene: Sparkdehlily_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for Sparkdehlily_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (30, 5204), (31, 5207), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: Spartacus_6 Start: 5050, Stop: 5871, Start Num: 7
Candidate Starts for Spartacus_6:
(Start: 7 @5050 has 178 MA's), (10, 5089), (28, 5173), (30, 5191), (31, 5194), (64, 5410), (67, 5416), (83, 5524), (87, 5542), (88, 5554), (101, 5665), (113, 5737), (121, 5842),

Gene: Spooks_52 Start: 30341, Stop: 31381, Start Num: 3
Candidate Starts for Spooks_52:
(Start: 3 @30341 has 3 MA's), (29, 30527), (33, 30554), (45, 30629), (56, 30710), (74, 30866), (80, 30926), (81, 30935), (94, 31064), (107, 31184), (109, 31190), (111, 31196), (115, 31241), (122, 31334),

Gene: Spoonbill_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for Spoonbill_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (30, 5190), (31, 5193), (50, 5304), (64, 5409), (67, 5415), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: StAnnes_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for StAnnes_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Strokeseat_6 Start: 5037, Stop: 5858, Start Num: 7
Candidate Starts for Strokeseat_6:
(Start: 7 @5037 has 178 MA's), (10, 5076), (28, 5160), (29, 5163), (30, 5178), (31, 5181), (64, 5397), (67, 5403), (87, 5529), (88, 5541), (101, 5652), (113, 5724), (118, 5796), (121, 5829),

Gene: Success_53 Start: 29460, Stop: 30500, Start Num: 3
Candidate Starts for Success_53:
(Start: 3 @29460 has 3 MA's), (18, 29580), (29, 29646), (33, 29673), (45, 29748), (47, 29754), (56, 29829), (80, 30045), (81, 30054), (94, 30183), (107, 30303), (109, 30309), (111, 30315), (115, 30360), (122, 30453),

Gene: Sucha_10 Start: 7139, Stop: 7996, Start Num: 6
Candidate Starts for Sucha_10:
(Start: 6 @7139 has 63 MA's), (10, 7190), (13, 7196), (19, 7220), (21, 7223), (49, 7400), (54, 7433), (84, 7622), (101, 7754), (116, 7901), (128, 7988),

Gene: SuperGrey_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for SuperGrey_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: SwagPigglett_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for SwagPigglett_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (29, 5175), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Sweetums_13 Start: 7503, Stop: 8366, Start Num: 6

Candidate Starts for Sweetums_13:
(Start: 6 @7503 has 63 MA's), (Start: 7 @7515 has 178 MA's), (17, 7572), (21, 7587), (23, 7596), (26, 7605), (29, 7641), (37, 7695), (42, 7716), (44, 7731), (62, 7854), (95, 8091), (121, 8334),

Gene: TDanisky_6 Start: 5063, Stop: 5884, Start Num: 7
Candidate Starts for TDanisky_6:
(Start: 7 @5063 has 178 MA's), (10, 5102), (28, 5186), (30, 5204), (31, 5207), (67, 5429), (83, 5537), (87, 5555), (88, 5567), (101, 5678), (113, 5750), (118, 5822), (121, 5855),

Gene: Taj_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Taj_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Teng_12 Start: 7429, Stop: 8289, Start Num: 6
Candidate Starts for Teng_12:
(Start: 6 @7429 has 63 MA's), (17, 7498), (21, 7513), (26, 7531), (29, 7567), (37, 7621), (42, 7642), (44, 7657), (62, 7780), (95, 8014),

Gene: Topiatin_8 Start: 5712, Stop: 6533, Start Num: 7
Candidate Starts for Topiatin_8:
(Start: 7 @5712 has 178 MA's), (10, 5751), (28, 5835), (29, 5838), (30, 5853), (31, 5856), (67, 6078), (83, 6186), (87, 6204), (88, 6216), (98, 6312), (101, 6327), (113, 6399), (118, 6471), (121, 6504),

Gene: Tubberson_7 Start: 6353, Stop: 7210, Start Num: 6
Candidate Starts for Tubberson_7:
(Start: 6 @6353 has 63 MA's), (8, 6377), (10, 6404), (39, 6557), (41, 6566), (42, 6572), (47, 6596), (53, 6644), (59, 6692), (81, 6842), (92, 6932), (95, 6971), (99, 7001), (111, 7049), (116, 7133),

Gene: TurboVicky_10 Start: 8953, Stop: 9813, Start Num: 6
Candidate Starts for TurboVicky_10:
(Start: 6 @8953 has 63 MA's), (10, 9004), (13, 9010), (19, 9034), (21, 9037), (35, 9127), (40, 9154), (49, 9214), (54, 9247), (73, 9358), (78, 9388), (84, 9436), (101, 9568), (104, 9583), (116, 9712), (128, 9799),

Gene: Tweety_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Tweety_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Typher_12 Start: 9083, Stop: 9946, Start Num: 6
Candidate Starts for Typher_12:
(Start: 6 @9083 has 63 MA's), (10, 9134), (13, 9140), (19, 9164), (21, 9167), (35, 9257), (40, 9284), (49, 9344), (54, 9377), (73, 9488), (78, 9518), (84, 9566), (101, 9698), (116, 9845), (128, 9932),

Gene: VRedHorse_6 Start: 5049, Stop: 5870, Start Num: 7
Candidate Starts for VRedHorse_6:
(Start: 7 @5049 has 178 MA's), (10, 5088), (28, 5172), (30, 5190), (31, 5193), (64, 5409), (67, 5415), (83, 5523), (87, 5541), (88, 5553), (101, 5664), (113, 5736), (118, 5808), (121, 5841),

Gene: Veteran_6 Start: 5064, Stop: 5885, Start Num: 7
Candidate Starts for Veteran_6:

(Start: 7 @5064 has 178 MA's), (10, 5103), (28, 5187), (29, 5190), (30, 5205), (31, 5208), (64, 5424), (67, 5430), (83, 5538), (87, 5556), (88, 5568), (101, 5679), (113, 5751), (118, 5823), (121, 5856),

Gene: Violac_6 Start: 5050, Stop: 5871, Start Num: 7
Candidate Starts for Violac_6:
(Start: 7 @5050 has 178 MA's), (10, 5089), (28, 5173), (29, 5176), (30, 5191), (31, 5194), (64, 5410), (67, 5416), (83, 5524), (87, 5542), (88, 5554), (101, 5665), (113, 5737), (118, 5809), (121, 5842),

Gene: Violeta_14 Start: 7029, Stop: 7907, Start Num: 6
Candidate Starts for Violeta_14:
(Start: 6 @7029 has 63 MA's), (9, 7068), (13, 7086), (15, 7089), (16, 7095), (19, 7110), (39, 7227), (42, 7242), (43, 7248), (57, 7350), (58, 7356), (76, 7485), (86, 7560), (100, 7680), (102, 7686), (119, 7848), (121, 7872), (122, 7878),

Gene: Vivum_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for Vivum_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (29, 5174), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: Vondra_8 Start: 6287, Stop: 7141, Start Num: 6
Candidate Starts for Vondra_8:
(Start: 6 @6287 has 63 MA's), (9, 6326), (10, 6338), (39, 6491), (42, 6506), (52, 6575), (72, 6713), (78, 6758), (94, 6899), (100, 6938), (109, 6974), (110, 6977), (119, 7088), (121, 7112),

Gene: Wachhund_6 Start: 5040, Stop: 5861, Start Num: 7
Candidate Starts for Wachhund_6:
(Start: 7 @5040 has 178 MA's), (10, 5079), (28, 5163), (30, 5181), (64, 5400), (67, 5406), (83, 5514), (87, 5532), (88, 5544), (101, 5655), (113, 5727), (118, 5799), (121, 5832),

Gene: Warren_13 Start: 7110, Stop: 8006, Start Num: 6
Candidate Starts for Warren_13:
(Start: 6 @7110 has 63 MA's), (9, 7149), (13, 7167), (15, 7170), (16, 7176), (19, 7191), (39, 7308), (42, 7323), (43, 7329), (52, 7392), (57, 7431), (58, 7437), (75, 7554), (76, 7566), (79, 7584), (99, 7755), (100, 7761), (102, 7767), (119, 7953), (121, 7977),

Gene: Wee_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Wee_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Whatsapiecost_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for Whatsapiecost_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Whouxphf_6 Start: 5039, Stop: 5860, Start Num: 7
Candidate Starts for Whouxphf_6:
(Start: 7 @5039 has 178 MA's), (10, 5078), (28, 5162), (30, 5180), (64, 5399), (67, 5405), (87, 5531), (88, 5543), (101, 5654), (113, 5726), (118, 5798), (121, 5831),

Gene: WillSterrel_6 Start: 5050, Stop: 5871, Start Num: 7
Candidate Starts for WillSterrel_6:

(Start: 7 @5050 has 178 MA's), (10, 5089), (28, 5173), (30, 5191), (31, 5194), (64, 5410), (67, 5416), (83, 5524), (87, 5542), (88, 5554), (101, 5665), (113, 5737), (121, 5842),

Gene: Winchester007_14 Start: 7071, Stop: 7949, Start Num: 6
Candidate Starts for Winchester007_14:
(Start: 6 @7071 has 63 MA's), (9, 7110), (13, 7128), (15, 7131), (16, 7137), (19, 7152), (39, 7269), (42, 7284), (43, 7290), (57, 7392), (58, 7398), (76, 7527), (86, 7602), (100, 7722), (102, 7728), (119, 7890), (121, 7914), (122, 7920),

Gene: Wrackline_17 Start: 8196, Stop: 9062, Start Num: 6
Candidate Starts for Wrackline_17:
(Start: 6 @8196 has 63 MA's), (Start: 7 @8208 has 178 MA's), (13, 8253), (21, 8280), (23, 8289), (26, 8298), (37, 8388), (39, 8394), (40, 8397), (42, 8409), (89, 8727), (90, 8733), (95, 8790), (100, 8829), (110, 8898), (119, 9009),

Gene: XFactor_6 Start: 5062, Stop: 5883, Start Num: 7
Candidate Starts for XFactor_6:
(Start: 7 @5062 has 178 MA's), (10, 5101), (28, 5185), (29, 5188), (30, 5203), (31, 5206), (67, 5428), (83, 5536), (87, 5554), (88, 5566), (98, 5662), (101, 5677), (113, 5749), (118, 5821), (121, 5854),

Gene: Yorick_6 Start: 5047, Stop: 5868, Start Num: 7
Candidate Starts for Yorick_6:
(Start: 7 @5047 has 178 MA's), (10, 5086), (28, 5170), (29, 5173), (30, 5188), (31, 5191), (64, 5407), (67, 5413), (83, 5521), (87, 5539), (88, 5551), (101, 5662), (113, 5734), (118, 5806), (121, 5839),

Gene: Zanella_10 Start: 8953, Stop: 9816, Start Num: 6
Candidate Starts for Zanella_10:
(Start: 6 @8953 has 63 MA's), (10, 9004), (13, 9010), (19, 9034), (21, 9037), (35, 9127), (40, 9154), (49, 9214), (54, 9247), (73, 9358), (78, 9388), (84, 9436), (101, 9568), (116, 9715), (128, 9802),

Gene: Zerg_6 Start: 5048, Stop: 5869, Start Num: 7
Candidate Starts for Zerg_6:
(Start: 7 @5048 has 178 MA's), (10, 5087), (28, 5171), (30, 5189), (31, 5192), (64, 5408), (67, 5414), (83, 5522), (87, 5540), (88, 5552), (98, 5648), (101, 5663), (113, 5735), (118, 5807), (121, 5840),

Gene: Zizzle_6 Start: 5051, Stop: 5872, Start Num: 7
Candidate Starts for Zizzle_6:
(Start: 7 @5051 has 178 MA's), (10, 5090), (28, 5174), (29, 5177), (30, 5192), (31, 5195), (67, 5417), (83, 5525), (87, 5543), (88, 5555), (98, 5651), (101, 5666), (113, 5738), (118, 5810), (121, 5843),

Gene: phiSASD1_27 Start: 5351, Stop: 6226, Start Num: 7
Candidate Starts for phiSASD1_27:
(Start: 7 @5351 has 178 MA's), (12, 5396), (14, 5399), (51, 5618), (63, 5708), (82, 5837), (87, 5864), (97, 5957), (101, 5984), (102, 5987), (103, 5993), (112, 6062), (115, 6095), (123, 6191), (125, 6197), (126, 6203),