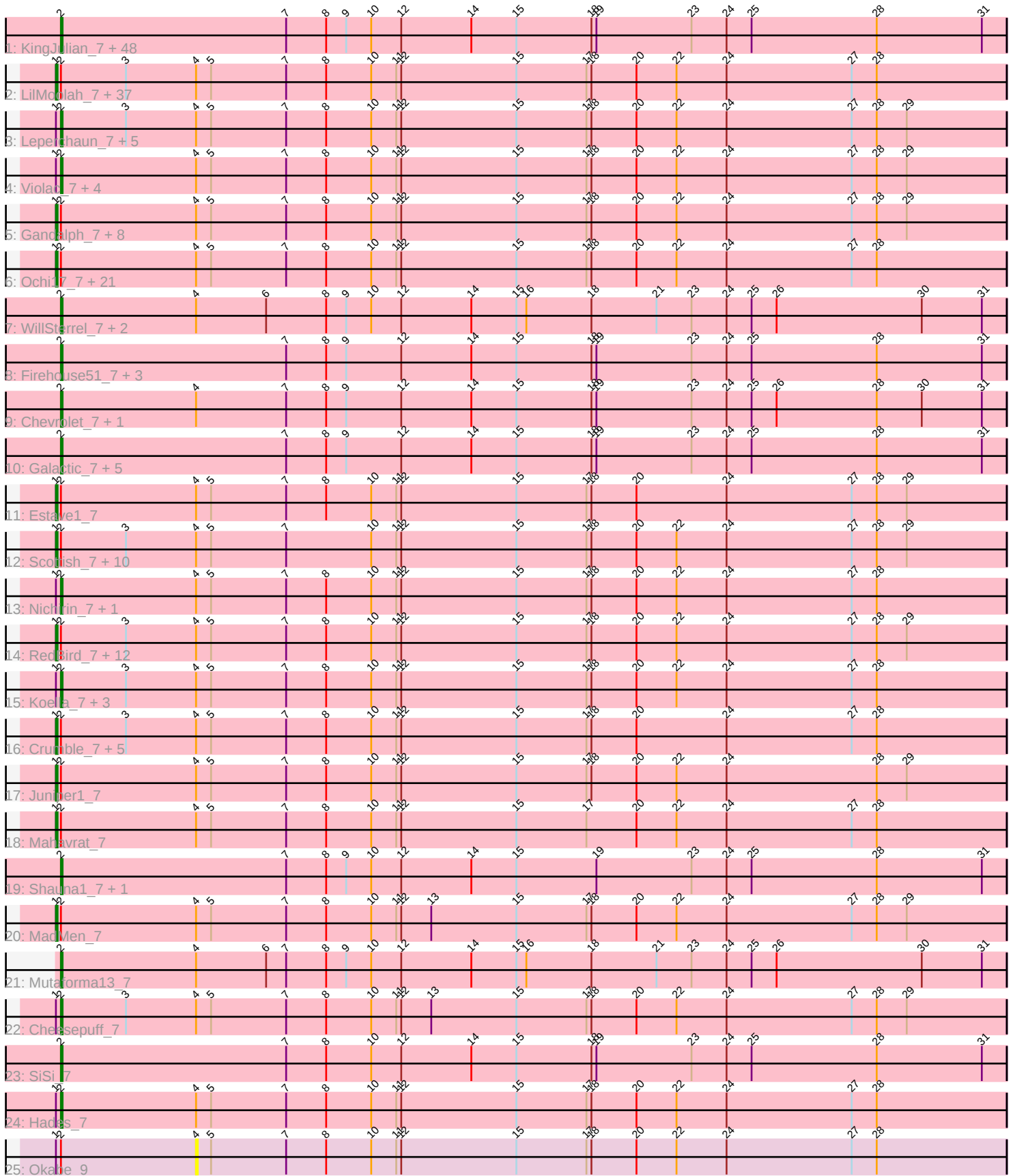


Pham 313135



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 313135 Report

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

Pham number 313135 has 191 members, 16 are drafts.

Phages represented in each track:

- Track 1 : KingJulian_7, Tweety_7, Guppsters_7, DotProduct_7, PopTart_7, Corium_7, Kenuha5_7, QuickMath_7, Topiatin_9, Medindi_7, PatoPoderoso_7, Krakatau_8, Rita_7, Ardmore_7, DeadP_7, Ovechkin_7, SuperGrey_7, PhesterPhotato_7, Akhila_8, Hamulus_7, Bipolar_7, Melissauren88_7, Jant_7, IMpilo_7, Taj_7, MilleniumForce_8, ShroomBoi_7, Emma_7, Ms6_7, DoRead_7, EleanorGeorge_7, StAnnes_7, DillTech15_7, MinionDave_8, MilanaBonita_8, XFactor_7, Clank_7, SassyB_7, Fruitloop_7, Wee_7, Aubs_7, Batiatus_7, Chuckly_7, SG4_7, Filuzino_7, Phalconet_7, Whatsapiecost_7, DLane_7, CaptainTrips_8
- Track 2 : LilMoolah_7, SwagPiggett_7, Kersh_7, EmiMonkey_7, Dante_7, Sandalphon_7, Eradicator_7, ByChance_7, Zizzle_7, Brocalys_7, FreddyB_7, Phatniss_7, Saal_7, Minnie_7, Mantra_7, Llij_7, Clifton_7, GigiOuiOui_7, Jennelsea_7, Lizziana_7, Doug_7, ShiLan_7, Vivum_7, NormanBulbieJr_7, Zerg_7, Maravista_7, ShowerHandel_7, Yorick_7, Rockne_7, PhlipPhlop_7, Burwell21_7, Jacob_7, Martik_7, Priscilla_7, Philus_7, PMC_7, Moonbeam_7, VRedHorse_7
- Track 3 : Leperchaun_7, BodEinwohner17_7, Che8_7, Daenerys_7, Sassafras_7, DRBy19_7
- Track 4 : Violac_7, MisterCuddles_7, Phasih_7, Harley_7, Girr_7
- Track 5 : Gandalph_7, Eish_7, Wachhund_7, lbhubesi_7, Spoonbill_7, Sabbb_7, Whouxphf_7, Byougenkin_7, Ruby_7
- Track 6 : Ochi17_7, Mattes_7, Strokeseat_7, BobaPhett_7, Karhdo_7, Seabastian_7, Veteran_7, LastJedi_7, Llama_7, Fancypants_7, Grimmer_8, AlpineSix_7, Modragons_7, Hlubikazi_7, GUmbie_7, Latretium_7, Mandlovu_7, OfUltron_7, MulchSalad_7, Fastidio_7, James_7, Cabrinians_7
- Track 7 : WillSterrel_7, IrishSherpFalk_7, Spartacus_7
- Track 8 : Firehouse51_7, KristaRAM_8, Mwanjiwa_7, Royals2015_7
- Track 9 : Chevrolet_7, ArcusAngelus_7
- Track 10 : Galactic_7, LunaBlu_7, NewHope4_7, Enzomatic_8, Polo2Bam_8, SeaLumen_7
- Track 11 : Estave1_7
- Track 12 : Scottish_7, Nimbo_7, KingMidas_7, Empress_7, Blexus_7, OldBen_7, DaddyRickover_7, Geralt_7, BlueCrab_7, RitaG_7, Deb65_7
- Track 13 : Nichirin_7, Jinglebell_7
- Track 14 : RedBird_7, PHappiness_7, JoeyJr_7, Dorothy_7, Radiance_7, Inventum_7, Sparkdehlily_7, Doomphist_7, TDanisky_7, Pacc40_7, Poenanya_7, Polka14_7, lbOuu_7
- Track 15 : Koella_7, Gorge_7, Pippy_7, Nivrat_7

- Track 16 : Crumble_7, Nitzel_8, Florinda_7, Bubbles123_7, OlympiaSaint_7, Donkeykong_7
- Track 17 : Juniper1_7
- Track 18 : Mahavrat_7
- Track 19 : Shauna1_7, Phanphagia_7
- Track 20 : MadMen_7
- Track 21 : Mutaforma13_7
- Track 22 : Cheesepuff_7
- Track 23 : SiSi_7
- Track 24 : Hades_7
- Track 25 : Okabe_9

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

The start number called the most often in the published annotations is 1, it was called in 101 of the 175 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- AlpineSix_7, Blexus_7, BlueCrab_7, BobaPhett_7, Brocalys_7, Bubbles123_7, Burwell21_7, ByChance_7, Byougenkin_7, Cabrinians_7, Clifton_7, Crumble_7, DaddyRickover_7, Dante_7, Deb65_7, Donkeykong_7, Doomphist_7, Dorothy_7, Doug_7, Eish_7, EmiMonkey_7, Empress_7, Eradicator_7, Estave1_7, Fancypants_7, Fastidio_7, Florinda_7, FreddyB_7, GUmble_7, Gandolph_7, Geralt_7, GigiOuiOui_7, Grimmer_8, Hlubikazi_7, IbOuu_7, Ibhubesi_7, Inventum_7, James_7, Jacob_7, Jennelsea_7, JoeyJr_7, Juniper1_7, Karhdo_7, Kersh_7, KingMidas_7, LastJedi_7, Latretium_7, LilMoolah_7, Lizziana_7, Llama_7, Llij_7, MadMen_7, Mahavrat_7, Mandlovu_7, Mantra_7, Maravista_7, Martik_7, Mattes_7, Minnie_7, Modragons_7, Moonbeam_7, MulchSalad_7, Nimbo_7, Nitzel_8, NormanBulbieJr_7, Ochi17_7, OfUltron_7, OldBen_7, OlympiaSaint_7, PHappiness_7, PMC_7, Pacc40_7, Phatniss_7, Philus_7, PhlipPhlop_7, Poenanya_7, Polka14_7, Priscilla_7, Radiance_7, RedBird_7, RitaG_7, Rockne_7, Ruby_7, Saal_7, Sabb_7, Sandalphon_7, Scottish_7, Seabastian_7, ShiLan_7, ShowerHandel_7, Sparkdehlily_7, Spoonbill_7, Strokeseat_7, SwagPigglett_7, TDanisky_7, VRedHorse_7, Veteran_7, Vivum_7, Wachhund_7, Whouxphf_7, Yorick_7, Zerg_7, Zizzle_7,

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

- BodEinwohner17_7, Che8_7, Cheesepuff_7, DRBy19_7, Daenerys_7, Girr_7, Gorge_7, Hades_7, Harley_7, Jinglebell_7, Koella_7, Leperchaun_7, MisterCuddles_7, Nichirin_7, Nivrat_7, Okabe_9, Phasih_7, Pippy_7, Sassafras_7, Violac_7,

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

- Akhila_8, ArcusAngelus_7, Ardmore_7, Aubs_7, Batiatus_7, Bipolar_7, CaptainTrips_8, Chevrolet_7, Chuckly_7, Clank_7, Corium_7, DLane_7, DeadP_7, DillTech15_7, DoRead_7, DotProduct_7, EleanorGeorge_7, Emma_7, Enzomatic_8, Filuzino_7, Firehouse51_7, Fruitloop_7, Galactic_7, Guppsters_7, Hamulus_7, IMpilo_7, IrishSherpFalk_7, Jant_7, Kenuha5_7, KingJulian_7, Krakatau_8, KristaRAM_8, LunaBlu_7, Medindi_7, Melissauren88_7, MilanaBonita_8, MilleniumForce_8, MinionDave_8, Ms6_7, Mutaforma13_7, Mwanjiwa_7,

NewHope4_7, Ovechkin_7, PatoPoderoso_7, Phalconet_7, Phanphagia_7, PhesterPhotato_7, Polo2Bam_8, PopTart_7, QuickMath_7, Rita_7, Royals2015_7, SG4_7, SassyB_7, SeaLumen_7, Shauna1_7, ShroomBoi_7, SiSi_7, Spartacus_7, StAnnes_7, SuperGrey_7, Taj_7, Topiatin_9, Tweety_7, Wee_7, Whatsapiecost_7, WillSterrel_7, XFactor_7,

Summary by start number:

Start 1:

- Found in 123 of 191 (64.4%) of genes in pham
- Manual Annotations of this start: 101 of 175
- Called 83.7% of time when present
- Phage (with cluster) where this start called: AlpineSix_7 (F1), Blexus_7 (F1), BlueCrab_7 (F1), BobaPhett_7 (F1), Brocalys_7 (F1), Bubbles123_7 (F1), Burwell21_7 (F1), ByChance_7 (F1), Byougenkin_7 (F1), Cabrinians_7 (F1), Clifton_7 (F1), Crumble_7 (F1), DaddyRickover_7 (F1), Dante_7 (F1), Deb65_7 (F1), Donkeykong_7 (F1), Doomphist_7 (F1), Dorothy_7 (F1), Doug_7 (F1), Eish_7 (F1), EmiMonkey_7 (F1), Empress_7 (F1), Eradicator_7 (F1), Estave1_7 (F1), Fancypants_7 (F1), Fastidio_7 (F1), Florinda_7 (F1), FreddyB_7 (F1), GUmbie_7 (F1), Gandolph_7 (F1), Geralt_7 (F1), GigiOuiOui_7 (F1), Grimmer_8 (F1), Hlubikazi_7 (F1), IbOuu_7 (F1), Ibhubesi_7 (F1), Inventum_7 (F1), James_7 (F1), Jacob_7 (F1), Jennelsea_7 (F1), JoeyJr_7 (F1), Juniper1_7 (F1), Karhdo_7 (F1), Kersh_7 (F1), KingMidas_7 (F1), LastJedi_7 (F1), Latretium_7 (F1), LilMoolah_7 (F1), Lizziana_7 (F1), Llama_7 (F1), Llij_7 (F1), MadMen_7 (F1), Mahavrat_7 (F1), Mandlovu_7 (F1), Mantra_7 (F1), Maravista_7 (F1), Martik_7 (F1), Mattes_7 (F1), Minnie_7 (F1), Modragons_7 (F1), Moonbeam_7 (F1), MulchSalad_7 (F7), Nimbo_7 (F1), Nitzel_8 (F1), NormanBulbieJr_7 (F1), Ochi17_7 (F1), OfUltron_7 (F1), OldBen_7 (F1), OlympiaSaint_7 (F1), PHappiness_7 (F1), PMC_7 (F1), Pacc40_7 (F1), Phatniss_7 (F1), Philus_7 (F1), PhilipPhlop_7 (F1), Poenanya_7 (F1), Polka14_7 (F1), Priscilla_7 (F1), Radiance_7 (F1), RedBird_7 (F1), RitaG_7 (F1), Rockne_7 (F1), Ruby_7 (F1), Saal_7 (F1), Sabbb_7 (F1), Sandalphon_7 (F1), Scottish_7 (F1), Seabastian_7 (F1), ShiLan_7 (F1), ShowerHandel_7 (F1), Sparkdehlily_7 (F1), Spoonbill_7 (F1), Strokeseat_7 (F1), SwagPigglett_7 (F1), TDanisky_7 (F1), VRedHorse_7 (F1), Veteran_7 (F1), Vivum_7 (F1), Wachhund_7 (F1), Whouxphf_7 (F1), Yorick_7 (F1), Zerg_7 (F1), Zizzle_7 (F1),

Start 2:

- Found in 191 of 191 (100.0%) of genes in pham
- Manual Annotations of this start: 74 of 175
- Called 45.5% of time when present
- Phage (with cluster) where this start called: Akhila_8 (F1), ArcusAngelus_7 (F1), Ardmore_7 (F1), Aubs_7 (F1), Batiatius_7 (F1), Bipolar_7 (F1), BodEinwohner17_7 (F1), CaptainTrips_8 (F1), Che8_7 (F1), CheesePuff_7 (F1), Chevrolet_7 (F1), Chuckly_7 (F1), Clank_7 (F), Corium_7 (F1), DLane_7 (F1), DRBy19_7 (F1), Daenerys_7 (F1), DeadP_7 (F1), DillTech15_7 (F1), DoRead_7 (F1), DotProduct_7 (F1), EleanorGeorge_7 (F1), Emma_7 (F1), Enzomatic_8 (F1), Filuzino_7 (F1), Firehouse51_7 (F1), Fruitloop_7 (F1), Galactic_7 (F1), Girr_7 (F1), Gorge_7 (F1), Guppsters_7 (F1), Hades_7 (F1), Hamulus_7 (F1), Harley_7 (F1), IMPilo_7 (F1), IrishSherpFalk_7 (F1), Jant_7 (F1), Jinglebell_7 (F1), Kenuha5_7 (F1), KingJulian_7 (F1), Koella_7 (F1), Krakatau_8 (F1), KristaRAM_8 (F1), Leperchaun_7 (F1), LunaBlu_7 (F1), Medindi_7 (F1), Melissauren88_7 (F1), MilanaBonita_8 (F1), MilleniumForce_8 (F1), MinionDave_8 (F1), MisterCuddles_7 (F1), Ms6_7 (F1), Mutaforma13_7 (F1), Mwanjiwa_7 (F1), NewHope4_7 (F1), Nichirin_7 (F1), Nivrat_7

(F1), Ovechkin_7 (F1), PatoPoderoso_7 (F1), Phalconet_7 (F1), Phanphagia_7 (F1), Phasih_7 (F1), PhesterPhotato_7 (F1), Pippy_7 (F1), Polo2Bam_8 (F1), PopTart_7 (F1), QuickMath_7 (F1), Rita_7 (F1), Royals2015_7 (F1), SG4_7 (F1), Sassafras_7 (F1), SassyB_7 (F1), SeaLumen_7 (F1), Shauna1_7 (F1), ShroomBoi_7 (F1), SiSi_7 (F1), Spartacus_7 (F1), StAnnes_7 (F1), SuperGrey_7 (F1), Taj_7 (F1), Topiatin_9 (F1), Tweety_7 (F1), Violac_7 (F1), Wee_7 (F1), Whatsapiecost_7 (F1), WillSterrel_7 (F1), XFactor_7 (F1),

Start 4:

- Found in 129 of 191 (67.5%) of genes in pham
- No Manual Annotations of this start.
- Called 0.8% of time when present
- Phage (with cluster) where this start called: Okabe_9 (F8),

Summary by clusters:

There are 4 clusters represented in this pham: F8, F1, F, F7,

Info for manual annotations of cluster F1:

- Start number 1 was manually annotated 101 times for cluster F1.
- Start number 2 was manually annotated 74 times for cluster F1.

Gene Information:

Gene: Akhila_8 Start: 6531, Stop: 7097, Start Num: 2

Candidate Starts for Akhila_8:

(Start: 2 @6531 has 74 MA's), (7, 6666), (8, 6690), (9, 6702), (10, 6717), (12, 6735), (14, 6777), (15, 6804), (18, 6849), (19, 6852), (23, 6909), (24, 6930), (25, 6945), (28, 7020), (31, 7083),

Gene: AlpineSix_7 Start: 5876, Stop: 6445, Start Num: 1

Candidate Starts for AlpineSix_7:

(Start: 1 @5876 has 101 MA's), (Start: 2 @5879 has 74 MA's), (4, 5960), (5, 5969), (7, 6014), (8, 6038), (10, 6065), (11, 6080), (12, 6083), (15, 6152), (17, 6194), (18, 6197), (20, 6224), (22, 6248), (24, 6278), (27, 6353), (28, 6368),

Gene: ArcusAngelus_7 Start: 5873, Stop: 6439, Start Num: 2

Candidate Starts for ArcusAngelus_7:

(Start: 2 @5873 has 74 MA's), (4, 5954), (7, 6008), (8, 6032), (9, 6044), (12, 6077), (14, 6119), (15, 6146), (18, 6191), (19, 6194), (23, 6251), (24, 6272), (25, 6287), (26, 6302), (28, 6362), (30, 6389), (31, 6425),

Gene: Ardmore_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Ardmore_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Aubs_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Aubs_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Batiatus_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Batiatus_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Bipolar_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Bipolar_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Blexus_7 Start: 5893, Stop: 6462, Start Num: 1

Candidate Starts for Blexus_7:

(Start: 1 @5893 has 101 MA's), (Start: 2 @5896 has 74 MA's), (3, 5935), (4, 5977), (5, 5986), (7, 6031), (10, 6082), (11, 6097), (12, 6100), (15, 6169), (17, 6211), (18, 6214), (20, 6241), (22, 6265), (24, 6295), (27, 6370), (28, 6385), (29, 6403),

Gene: BlueCrab_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for BlueCrab_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: BobaPhett_7 Start: 5869, Stop: 6438, Start Num: 1

Candidate Starts for BobaPhett_7:

(Start: 1 @5869 has 101 MA's), (Start: 2 @5872 has 74 MA's), (4, 5953), (5, 5962), (7, 6007), (8, 6031), (10, 6058), (11, 6073), (12, 6076), (15, 6145), (17, 6187), (18, 6190), (20, 6217), (22, 6241), (24, 6271), (27, 6346), (28, 6361),

Gene: BodEinwohner17_7 Start: 5880, Stop: 6446, Start Num: 2

Candidate Starts for BodEinwohner17_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Brocalys_7 Start: 5866, Stop: 6435, Start Num: 1

Candidate Starts for Brocalys_7:

(Start: 1 @5866 has 101 MA's), (Start: 2 @5869 has 74 MA's), (3, 5908), (4, 5950), (5, 5959), (7, 6004), (8, 6028), (10, 6055), (11, 6070), (12, 6073), (15, 6142), (17, 6184), (18, 6187), (20, 6214), (22, 6238), (24, 6268), (27, 6343), (28, 6358),

Gene: Bubbles123_7 Start: 5896, Stop: 6465, Start Num: 1

Candidate Starts for Bubbles123_7:

(Start: 1 @5896 has 101 MA's), (Start: 2 @5899 has 74 MA's), (3, 5938), (4, 5980), (5, 5989), (7, 6034), (8, 6058), (10, 6085), (11, 6100), (12, 6103), (15, 6172), (17, 6214), (18, 6217), (20, 6244), (24, 6298), (27, 6373), (28, 6388),

Gene: Burwell21_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Burwell21_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22,

6249), (24, 6279), (27, 6354), (28, 6369),

Gene: ByChance_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for ByChance_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371),

Gene: Byougenkin_7 Start: 5867, Stop: 6436, Start Num: 1

Candidate Starts for Byougenkin_7:

(Start: 1 @5867 has 101 MA's), (Start: 2 @5870 has 74 MA's), (4, 5951), (5, 5960), (7, 6005), (8, 6029), (10, 6056), (11, 6071), (12, 6074), (15, 6143), (17, 6185), (18, 6188), (20, 6215), (22, 6239), (24, 6269), (27, 6344), (28, 6359), (29, 6377),

Gene: Cabrinians_7 Start: 5869, Stop: 6438, Start Num: 1

Candidate Starts for Cabrinians_7:

(Start: 1 @5869 has 101 MA's), (Start: 2 @5872 has 74 MA's), (4, 5953), (5, 5962), (7, 6007), (8, 6031), (10, 6058), (11, 6073), (12, 6076), (15, 6145), (17, 6187), (18, 6190), (20, 6217), (22, 6241), (24, 6271), (27, 6346), (28, 6361),

Gene: CaptainTrips_8 Start: 6531, Stop: 7097, Start Num: 2

Candidate Starts for CaptainTrips_8:

(Start: 2 @6531 has 74 MA's), (7, 6666), (8, 6690), (9, 6702), (10, 6717), (12, 6735), (14, 6777), (15, 6804), (18, 6849), (19, 6852), (23, 6909), (24, 6930), (25, 6945), (28, 7020), (31, 7083),

Gene: Che8_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for Che8_7:

(Start: 1 @5881 has 101 MA's), (Start: 2 @5884 has 74 MA's), (3, 5923), (4, 5965), (5, 5974), (7, 6019), (8, 6043), (10, 6070), (11, 6085), (12, 6088), (15, 6157), (17, 6199), (18, 6202), (20, 6229), (22, 6253), (24, 6283), (27, 6358), (28, 6373), (29, 6391),

Gene: Cheesepuff_7 Start: 5882, Stop: 6448, Start Num: 2

Candidate Starts for Cheesepuff_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (13, 6104), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371), (29, 6389),

Gene: Chevrolet_7 Start: 5873, Stop: 6439, Start Num: 2

Candidate Starts for Chevrolet_7:

(Start: 2 @5873 has 74 MA's), (4, 5954), (7, 6008), (8, 6032), (9, 6044), (12, 6077), (14, 6119), (15, 6146), (18, 6191), (19, 6194), (23, 6251), (24, 6272), (25, 6287), (26, 6302), (28, 6362), (30, 6389), (31, 6425),

Gene: Chuckly_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Chuckly_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Clank_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Clank_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Clifton_7 Start: 5865, Stop: 6434, Start Num: 1

Candidate Starts for Clifton_7:

(Start: 1 @5865 has 101 MA's), (Start: 2 @5868 has 74 MA's), (3, 5907), (4, 5949), (5, 5958), (7, 6003), (8, 6027), (10, 6054), (11, 6069), (12, 6072), (15, 6141), (17, 6183), (18, 6186), (20, 6213), (22, 6237), (24, 6267), (27, 6342), (28, 6357),

Gene: Corium_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for Corium_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: Crumble_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for Crumble_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (24, 6281), (27, 6356), (28, 6371),

Gene: DLane_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for DLane_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: DRBy19_7 Start: 5896, Stop: 6462, Start Num: 2

Candidate Starts for DRBy19_7:

(Start: 1 @5893 has 101 MA's), (Start: 2 @5896 has 74 MA's), (3, 5935), (4, 5977), (5, 5986), (7, 6031), (8, 6055), (10, 6082), (11, 6097), (12, 6100), (15, 6169), (17, 6211), (18, 6214), (20, 6241), (22, 6265), (24, 6295), (27, 6370), (28, 6385), (29, 6403),

Gene: DaddyRickover_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for DaddyRickover_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Daenerys_7 Start: 5880, Stop: 6446, Start Num: 2

Candidate Starts for Daenerys_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Dante_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for Dante_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: DeadP_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for DeadP_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Deb65_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Deb65_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: DillTech15_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for DillTech15_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: DoRead_7 Start: 5871, Stop: 6437, Start Num: 2

Candidate Starts for DoRead_7:

(Start: 2 @5871 has 74 MA's), (7, 6006), (8, 6030), (9, 6042), (10, 6057), (12, 6075), (14, 6117), (15, 6144), (18, 6189), (19, 6192), (23, 6249), (24, 6270), (25, 6285), (28, 6360), (31, 6423),

Gene: Donkeykong_7 Start: 5896, Stop: 6465, Start Num: 1

Candidate Starts for Donkeykong_7:

(Start: 1 @5896 has 101 MA's), (Start: 2 @5899 has 74 MA's), (3, 5938), (4, 5980), (5, 5989), (7, 6034), (8, 6058), (10, 6085), (11, 6100), (12, 6103), (15, 6172), (17, 6214), (18, 6217), (20, 6244), (24, 6298), (27, 6373), (28, 6388),

Gene: Doomphist_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Doomphist_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Dorothy_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Dorothy_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: DotProduct_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for DotProduct_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: Doug_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for Doug_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371),

Gene: Eish_7 Start: 5867, Stop: 6436, Start Num: 1

Candidate Starts for Eish_7:

(Start: 1 @5867 has 101 MA's), (Start: 2 @5870 has 74 MA's), (4, 5951), (5, 5960), (7, 6005), (8, 6029), (10, 6056), (11, 6071), (12, 6074), (15, 6143), (17, 6185), (18, 6188), (20, 6215), (22, 6239), (24, 6269), (27, 6344), (28, 6359), (29, 6377),

Gene: EleanorGeorge_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for EleanorGeorge_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: EmiMonkey_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for EmiMonkey_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: Emma_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Emma_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Empress_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Empress_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Enzomatic_8 Start: 5857, Stop: 6423, Start Num: 2

Candidate Starts for Enzomatic_8:

(Start: 2 @5857 has 74 MA's), (7, 5992), (8, 6016), (9, 6028), (12, 6061), (14, 6103), (15, 6130), (18, 6175), (19, 6178), (23, 6235), (24, 6256), (25, 6271), (28, 6346), (31, 6409),

Gene: Eradicator_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for Eradicator_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: Estave1_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for Estave1_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (24, 6281), (27, 6356), (28, 6371), (29, 6389),

Gene: Fancypants_7 Start: 5881, Stop: 6450, Start Num: 1

Candidate Starts for Fancypants_7:

(Start: 1 @5881 has 101 MA's), (Start: 2 @5884 has 74 MA's), (4, 5965), (5, 5974), (7, 6019), (8, 6043), (10, 6070), (11, 6085), (12, 6088), (15, 6157), (17, 6199), (18, 6202), (20, 6229), (22, 6253), (24, 6283), (27, 6358), (28, 6373),

Gene: Fastidio_7 Start: 5880, Stop: 6449, Start Num: 1

Candidate Starts for Fastidio_7:

(Start: 1 @5880 has 101 MA's), (Start: 2 @5883 has 74 MA's), (4, 5964), (5, 5973), (7, 6018), (8, 6042), (10, 6069), (11, 6084), (12, 6087), (15, 6156), (17, 6198), (18, 6201), (20, 6228), (22, 6252), (24, 6282), (27, 6357), (28, 6372),

Gene: Filuzino_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for Filuzino_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: Firehouse51_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Firehouse51_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Florinda_7 Start: 5897, Stop: 6466, Start Num: 1

Candidate Starts for Florinda_7:

(Start: 1 @5897 has 101 MA's), (Start: 2 @5900 has 74 MA's), (3, 5939), (4, 5981), (5, 5990), (7, 6035), (8, 6059), (10, 6086), (11, 6101), (12, 6104), (15, 6173), (17, 6215), (18, 6218), (20, 6245), (24, 6299), (27, 6374), (28, 6389),

Gene: FreddyB_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for FreddyB_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: Fruitloop_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for Fruitloop_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: GUmbie_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for GUmbie_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: Galactic_7 Start: 5857, Stop: 6423, Start Num: 2

Candidate Starts for Galactic_7:

(Start: 2 @5857 has 74 MA's), (7, 5992), (8, 6016), (9, 6028), (12, 6061), (14, 6103), (15, 6130), (18, 6175), (19, 6178), (23, 6235), (24, 6256), (25, 6271), (28, 6346), (31, 6409),

Gene: Gandalph_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for Gandalph_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386), (29, 6404),

Gene: Geralt_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Geralt_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: GigiOuiOui_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for GigiOuiOui_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: Girr_7 Start: 5886, Stop: 6452, Start Num: 2

Candidate Starts for Girr_7:

(Start: 1 @5883 has 101 MA's), (Start: 2 @5886 has 74 MA's), (4, 5967), (5, 5976), (7, 6021), (8, 6045), (10, 6072), (11, 6087), (12, 6090), (15, 6159), (17, 6201), (18, 6204), (20, 6231), (22, 6255), (24, 6285), (27, 6360), (28, 6375), (29, 6393),

Gene: Gorge_7 Start: 5869, Stop: 6435, Start Num: 2

Candidate Starts for Gorge_7:

(Start: 1 @5866 has 101 MA's), (Start: 2 @5869 has 74 MA's), (3, 5908), (4, 5950), (5, 5959), (7, 6004), (8, 6028), (10, 6055), (11, 6070), (12, 6073), (15, 6142), (17, 6184), (18, 6187), (20, 6214), (22, 6238), (24, 6268), (27, 6343), (28, 6358),

Gene: Grimmer_8 Start: 6532, Stop: 7101, Start Num: 1

Candidate Starts for Grimmer_8:

(Start: 1 @6532 has 101 MA's), (Start: 2 @6535 has 74 MA's), (4, 6616), (5, 6625), (7, 6670), (8, 6694), (10, 6721), (11, 6736), (12, 6739), (15, 6808), (17, 6850), (18, 6853), (20, 6880), (22, 6904), (24, 6934), (27, 7009), (28, 7024),

Gene: Guppsters_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Guppsters_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Hades_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Hades_7:

(Start: 1 @5880 has 101 MA's), (Start: 2 @5883 has 74 MA's), (4, 5964), (5, 5973), (7, 6018), (8, 6042), (10, 6069), (11, 6084), (12, 6087), (15, 6156), (17, 6198), (18, 6201), (20, 6228), (22, 6252), (24, 6282), (27, 6357), (28, 6372),

Gene: Hamulus_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for Hamulus_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: Harley_7 Start: 5870, Stop: 6436, Start Num: 2

Candidate Starts for Harley_7:

(Start: 1 @5867 has 101 MA's), (Start: 2 @5870 has 74 MA's), (4, 5951), (5, 5960), (7, 6005), (8, 6029), (10, 6056), (11, 6071), (12, 6074), (15, 6143), (17, 6185), (18, 6188), (20, 6215), (22, 6239), (24, 6269), (27, 6344), (28, 6359), (29, 6377),

Gene: Hlubikazi_7 Start: 5867, Stop: 6436, Start Num: 1

Candidate Starts for Hlubikazi_7:

(Start: 1 @5867 has 101 MA's), (Start: 2 @5870 has 74 MA's), (4, 5951), (5, 5960), (7, 6005), (8, 6029), (10, 6056), (11, 6071), (12, 6074), (15, 6143), (17, 6185), (18, 6188), (20, 6215), (22, 6239), (24, 6269), (27, 6344), (28, 6359),

Gene: IMpilo_7 Start: 5871, Stop: 6437, Start Num: 2

Candidate Starts for IMpilo_7:

(Start: 2 @5871 has 74 MA's), (7, 6006), (8, 6030), (9, 6042), (10, 6057), (12, 6075), (14, 6117), (15, 6144), (18, 6189), (19, 6192), (23, 6249), (24, 6270), (25, 6285), (28, 6360), (31, 6423),

Gene: IbOuu_7 Start: 5876, Stop: 6445, Start Num: 1

Candidate Starts for IbOuu_7:

(Start: 1 @5876 has 101 MA's), (Start: 2 @5879 has 74 MA's), (3, 5918), (4, 5960), (5, 5969), (7, 6014), (8, 6038), (10, 6065), (11, 6080), (12, 6083), (15, 6152), (17, 6194), (18, 6197), (20, 6224), (22,

6248), (24, 6278), (27, 6353), (28, 6368), (29, 6386),

Gene: Ibhubesi_7 Start: 5867, Stop: 6436, Start Num: 1

Candidate Starts for Ibhubesi_7:

(Start: 1 @5867 has 101 MA's), (Start: 2 @5870 has 74 MA's), (4, 5951), (5, 5960), (7, 6005), (8, 6029), (10, 6056), (11, 6071), (12, 6074), (15, 6143), (17, 6185), (18, 6188), (20, 6215), (22, 6239), (24, 6269), (27, 6344), (28, 6359), (29, 6377),

Gene: Inventum_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Inventum_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: IrishSherpFalk_7 Start: 5871, Stop: 6437, Start Num: 2

Candidate Starts for IrishSherpFalk_7:

(Start: 2 @5871 has 74 MA's), (4, 5952), (6, 5994), (8, 6030), (9, 6042), (10, 6057), (12, 6075), (14, 6117), (15, 6144), (16, 6150), (18, 6189), (21, 6228), (23, 6249), (24, 6270), (25, 6285), (26, 6300), (30, 6387), (31, 6423),

Gene: James_7 Start: 5869, Stop: 6438, Start Num: 1

Candidate Starts for James_7:

(Start: 1 @5869 has 101 MA's), (Start: 2 @5872 has 74 MA's), (4, 5953), (5, 5962), (7, 6007), (8, 6031), (10, 6058), (11, 6073), (12, 6076), (15, 6145), (17, 6187), (18, 6190), (20, 6217), (22, 6241), (24, 6271), (27, 6346), (28, 6361),

Gene: Jant_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Jant_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Jacob_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for Jacob_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: Jennelsea_7 Start: 5865, Stop: 6434, Start Num: 1

Candidate Starts for Jennelsea_7:

(Start: 1 @5865 has 101 MA's), (Start: 2 @5868 has 74 MA's), (3, 5907), (4, 5949), (5, 5958), (7, 6003), (8, 6027), (10, 6054), (11, 6069), (12, 6072), (15, 6141), (17, 6183), (18, 6186), (20, 6213), (22, 6237), (24, 6267), (27, 6342), (28, 6357),

Gene: Jinglebell_7 Start: 5879, Stop: 6445, Start Num: 2

Candidate Starts for Jinglebell_7:

(Start: 1 @5876 has 101 MA's), (Start: 2 @5879 has 74 MA's), (4, 5960), (5, 5969), (7, 6014), (8, 6038), (10, 6065), (11, 6080), (12, 6083), (15, 6152), (17, 6194), (18, 6197), (20, 6224), (22, 6248), (24, 6278), (27, 6353), (28, 6368),

Gene: JoeyJr_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for JoeyJr_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22,

6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Juniper1_7 Start: 5869, Stop: 6438, Start Num: 1

Candidate Starts for Juniper1_7:

(Start: 1 @5869 has 101 MA's), (Start: 2 @5872 has 74 MA's), (4, 5953), (5, 5962), (7, 6007), (8, 6031), (10, 6058), (11, 6073), (12, 6076), (15, 6145), (17, 6187), (18, 6190), (20, 6217), (22, 6241), (24, 6271), (28, 6361), (29, 6379),

Gene: Karhdo_7 Start: 5881, Stop: 6450, Start Num: 1

Candidate Starts for Karhdo_7:

(Start: 1 @5881 has 101 MA's), (Start: 2 @5884 has 74 MA's), (4, 5965), (5, 5974), (7, 6019), (8, 6043), (10, 6070), (11, 6085), (12, 6088), (15, 6157), (17, 6199), (18, 6202), (20, 6229), (22, 6253), (24, 6283), (27, 6358), (28, 6373),

Gene: Kenuha5_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Kenuha5_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Kersh_7 Start: 5870, Stop: 6439, Start Num: 1

Candidate Starts for Kersh_7:

(Start: 1 @5870 has 101 MA's), (Start: 2 @5873 has 74 MA's), (3, 5912), (4, 5954), (5, 5963), (7, 6008), (8, 6032), (10, 6059), (11, 6074), (12, 6077), (15, 6146), (17, 6188), (18, 6191), (20, 6218), (22, 6242), (24, 6272), (27, 6347), (28, 6362),

Gene: KingJulian_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for KingJulian_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: KingMidas_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for KingMidas_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Koella_7 Start: 5880, Stop: 6446, Start Num: 2

Candidate Starts for Koella_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369),

Gene: Krakatau_8 Start: 6535, Stop: 7101, Start Num: 2

Candidate Starts for Krakatau_8:

(Start: 2 @6535 has 74 MA's), (7, 6670), (8, 6694), (9, 6706), (10, 6721), (12, 6739), (14, 6781), (15, 6808), (18, 6853), (19, 6856), (23, 6913), (24, 6934), (25, 6949), (28, 7024), (31, 7087),

Gene: KristaRAM_8 Start: 6531, Stop: 7097, Start Num: 2

Candidate Starts for KristaRAM_8:

(Start: 2 @6531 has 74 MA's), (7, 6666), (8, 6690), (9, 6702), (12, 6735), (14, 6777), (15, 6804), (18, 6849), (19, 6852), (23, 6909), (24, 6930), (25, 6945), (28, 7020), (31, 7083),

Gene: LastJedi_7 Start: 5869, Stop: 6438, Start Num: 1

Candidate Starts for LastJedi_7:

(Start: 1 @5869 has 101 MA's), (Start: 2 @5872 has 74 MA's), (4, 5953), (5, 5962), (7, 6007), (8, 6031), (10, 6058), (11, 6073), (12, 6076), (15, 6145), (17, 6187), (18, 6190), (20, 6217), (22, 6241), (24, 6271), (27, 6346), (28, 6361),

Gene: Latretium_7 Start: 5866, Stop: 6435, Start Num: 1

Candidate Starts for Latretium_7:

(Start: 1 @5866 has 101 MA's), (Start: 2 @5869 has 74 MA's), (4, 5950), (5, 5959), (7, 6004), (8, 6028), (10, 6055), (11, 6070), (12, 6073), (15, 6142), (17, 6184), (18, 6187), (20, 6214), (22, 6238), (24, 6268), (27, 6343), (28, 6358),

Gene: Leperchaun_7 Start: 5869, Stop: 6435, Start Num: 2

Candidate Starts for Leperchaun_7:

(Start: 1 @5866 has 101 MA's), (Start: 2 @5869 has 74 MA's), (3, 5908), (4, 5950), (5, 5959), (7, 6004), (8, 6028), (10, 6055), (11, 6070), (12, 6073), (15, 6142), (17, 6184), (18, 6187), (20, 6214), (22, 6238), (24, 6268), (27, 6343), (28, 6358), (29, 6376),

Gene: LilMoolah_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for LilMoolah_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: Lizziana_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for Lizziana_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371),

Gene: Llama_7 Start: 5876, Stop: 6445, Start Num: 1

Candidate Starts for Llama_7:

(Start: 1 @5876 has 101 MA's), (Start: 2 @5879 has 74 MA's), (4, 5960), (5, 5969), (7, 6014), (8, 6038), (10, 6065), (11, 6080), (12, 6083), (15, 6152), (17, 6194), (18, 6197), (20, 6224), (22, 6248), (24, 6278), (27, 6353), (28, 6368),

Gene: Llij_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for Llij_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: LunaBlu_7 Start: 5857, Stop: 6423, Start Num: 2

Candidate Starts for LunaBlu_7:

(Start: 2 @5857 has 74 MA's), (7, 5992), (8, 6016), (9, 6028), (12, 6061), (14, 6103), (15, 6130), (18, 6175), (19, 6178), (23, 6235), (24, 6256), (25, 6271), (28, 6346), (31, 6409),

Gene: MadMen_7 Start: 5893, Stop: 6462, Start Num: 1

Candidate Starts for MadMen_7:

(Start: 1 @5893 has 101 MA's), (Start: 2 @5896 has 74 MA's), (4, 5977), (5, 5986), (7, 6031), (8, 6055), (10, 6082), (11, 6097), (12, 6100), (13, 6118), (15, 6169), (17, 6211), (18, 6214), (20, 6241), (22, 6265), (24, 6295), (27, 6370), (28, 6385), (29, 6403),

Gene: Mahavrat_7 Start: 5866, Stop: 6435, Start Num: 1

Candidate Starts for Mahavrat_7:

(Start: 1 @5866 has 101 MA's), (Start: 2 @5869 has 74 MA's), (4, 5950), (5, 5959), (7, 6004), (8, 6028), (10, 6055), (11, 6070), (12, 6073), (15, 6142), (17, 6184), (20, 6214), (22, 6238), (24, 6268), (27, 6343), (28, 6358),

Gene: Mandlovu_7 Start: 5867, Stop: 6436, Start Num: 1

Candidate Starts for Mandlovu_7:

(Start: 1 @5867 has 101 MA's), (Start: 2 @5870 has 74 MA's), (4, 5951), (5, 5960), (7, 6005), (8, 6029), (10, 6056), (11, 6071), (12, 6074), (15, 6143), (17, 6185), (18, 6188), (20, 6215), (22, 6239), (24, 6269), (27, 6344), (28, 6359),

Gene: Mantra_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for Mantra_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: Maravista_7 Start: 5867, Stop: 6436, Start Num: 1

Candidate Starts for Maravista_7:

(Start: 1 @5867 has 101 MA's), (Start: 2 @5870 has 74 MA's), (3, 5909), (4, 5951), (5, 5960), (7, 6005), (8, 6029), (10, 6056), (11, 6071), (12, 6074), (15, 6143), (17, 6185), (18, 6188), (20, 6215), (22, 6239), (24, 6269), (27, 6344), (28, 6359),

Gene: Martik_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for Martik_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371),

Gene: Mattes_7 Start: 5869, Stop: 6438, Start Num: 1

Candidate Starts for Mattes_7:

(Start: 1 @5869 has 101 MA's), (Start: 2 @5872 has 74 MA's), (4, 5953), (5, 5962), (7, 6007), (8, 6031), (10, 6058), (11, 6073), (12, 6076), (15, 6145), (17, 6187), (18, 6190), (20, 6217), (22, 6241), (24, 6271), (27, 6346), (28, 6361),

Gene: Medindi_7 Start: 5872, Stop: 6438, Start Num: 2

Candidate Starts for Medindi_7:

(Start: 2 @5872 has 74 MA's), (7, 6007), (8, 6031), (9, 6043), (10, 6058), (12, 6076), (14, 6118), (15, 6145), (18, 6190), (19, 6193), (23, 6250), (24, 6271), (25, 6286), (28, 6361), (31, 6424),

Gene: Melissauren88_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Melissauren88_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: MilanaBonita_8 Start: 6531, Stop: 7097, Start Num: 2

Candidate Starts for MilanaBonita_8:

(Start: 2 @6531 has 74 MA's), (7, 6666), (8, 6690), (9, 6702), (10, 6717), (12, 6735), (14, 6777), (15, 6804), (18, 6849), (19, 6852), (23, 6909), (24, 6930), (25, 6945), (28, 7020), (31, 7083),

Gene: MilleniumForce_8 Start: 6531, Stop: 7097, Start Num: 2

Candidate Starts for MilleniumForce_8:

(Start: 2 @6531 has 74 MA's), (7, 6666), (8, 6690), (9, 6702), (10, 6717), (12, 6735), (14, 6777), (15, 6804), (18, 6849), (19, 6852), (23, 6909), (24, 6930), (25, 6945), (28, 7020), (31, 7083),

Gene: MinionDave_8 Start: 6531, Stop: 7097, Start Num: 2

Candidate Starts for MinionDave_8:

(Start: 2 @6531 has 74 MA's), (7, 6666), (8, 6690), (9, 6702), (10, 6717), (12, 6735), (14, 6777), (15, 6804), (18, 6849), (19, 6852), (23, 6909), (24, 6930), (25, 6945), (28, 7020), (31, 7083),

Gene: Minnie_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for Minnie_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: MisterCuddles_7 Start: 5886, Stop: 6452, Start Num: 2

Candidate Starts for MisterCuddles_7:

(Start: 1 @5883 has 101 MA's), (Start: 2 @5886 has 74 MA's), (4, 5967), (5, 5976), (7, 6021), (8, 6045), (10, 6072), (11, 6087), (12, 6090), (15, 6159), (17, 6201), (18, 6204), (20, 6231), (22, 6255), (24, 6285), (27, 6360), (28, 6375), (29, 6393),

Gene: Modragons_7 Start: 5876, Stop: 6445, Start Num: 1

Candidate Starts for Modragons_7:

(Start: 1 @5876 has 101 MA's), (Start: 2 @5879 has 74 MA's), (4, 5960), (5, 5969), (7, 6014), (8, 6038), (10, 6065), (11, 6080), (12, 6083), (15, 6152), (17, 6194), (18, 6197), (20, 6224), (22, 6248), (24, 6278), (27, 6353), (28, 6368),

Gene: Moonbeam_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for Moonbeam_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371),

Gene: Ms6_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Ms6_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: MulchSalad_7 Start: 5880, Stop: 6449, Start Num: 1

Candidate Starts for MulchSalad_7:

(Start: 1 @5880 has 101 MA's), (Start: 2 @5883 has 74 MA's), (4, 5964), (5, 5973), (7, 6018), (8, 6042), (10, 6069), (11, 6084), (12, 6087), (15, 6156), (17, 6198), (18, 6201), (20, 6228), (22, 6252), (24, 6282), (27, 6357), (28, 6372),

Gene: Mutaforma13_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Mutaforma13_7:

(Start: 2 @5883 has 74 MA's), (4, 5964), (6, 6006), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (16, 6162), (18, 6201), (21, 6240), (23, 6261), (24, 6282), (25, 6297), (26, 6312), (30, 6399), (31, 6435),

Gene: Mwanjiwa_7 Start: 5855, Stop: 6421, Start Num: 2

Candidate Starts for Mwanjiwa_7:

(Start: 2 @5855 has 74 MA's), (7, 5990), (8, 6014), (9, 6026), (12, 6059), (14, 6101), (15, 6128), (18, 6173), (19, 6176), (23, 6233), (24, 6254), (25, 6269), (28, 6344), (31, 6407),

Gene: NewHope4_7 Start: 5857, Stop: 6423, Start Num: 2

Candidate Starts for NewHope4_7:

(Start: 2 @5857 has 74 MA's), (7, 5992), (8, 6016), (9, 6028), (12, 6061), (14, 6103), (15, 6130), (18, 6175), (19, 6178), (23, 6235), (24, 6256), (25, 6271), (28, 6346), (31, 6409),

Gene: Nichirin_7 Start: 5879, Stop: 6445, Start Num: 2

Candidate Starts for Nichirin_7:

(Start: 1 @5876 has 101 MA's), (Start: 2 @5879 has 74 MA's), (4, 5960), (5, 5969), (7, 6014), (8, 6038), (10, 6065), (11, 6080), (12, 6083), (15, 6152), (17, 6194), (18, 6197), (20, 6224), (22, 6248), (24, 6278), (27, 6353), (28, 6368),

Gene: Nimbo_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Nimbo_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Nitzel_8 Start: 6530, Stop: 7099, Start Num: 1

Candidate Starts for Nitzel_8:

(Start: 1 @6530 has 101 MA's), (Start: 2 @6533 has 74 MA's), (3, 6572), (4, 6614), (5, 6623), (7, 6668), (8, 6692), (10, 6719), (11, 6734), (12, 6737), (15, 6806), (17, 6848), (18, 6851), (20, 6878), (24, 6932), (27, 7007), (28, 7022),

Gene: Nivrat_7 Start: 5881, Stop: 6447, Start Num: 2

Candidate Starts for Nivrat_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: NormanBulbieJr_7 Start: 5865, Stop: 6434, Start Num: 1

Candidate Starts for NormanBulbieJr_7:

(Start: 1 @5865 has 101 MA's), (Start: 2 @5868 has 74 MA's), (3, 5907), (4, 5949), (5, 5958), (7, 6003), (8, 6027), (10, 6054), (11, 6069), (12, 6072), (15, 6141), (17, 6183), (18, 6186), (20, 6213), (22, 6237), (24, 6267), (27, 6342), (28, 6357),

Gene: Ochi17_7 Start: 5876, Stop: 6445, Start Num: 1

Candidate Starts for Ochi17_7:

(Start: 1 @5876 has 101 MA's), (Start: 2 @5879 has 74 MA's), (4, 5960), (5, 5969), (7, 6014), (8, 6038), (10, 6065), (11, 6080), (12, 6083), (15, 6152), (17, 6194), (18, 6197), (20, 6224), (22, 6248), (24, 6278), (27, 6353), (28, 6368),

Gene: OfUltron_7 Start: 5876, Stop: 6445, Start Num: 1

Candidate Starts for OfUltron_7:

(Start: 1 @5876 has 101 MA's), (Start: 2 @5879 has 74 MA's), (4, 5960), (5, 5969), (7, 6014), (8, 6038), (10, 6065), (11, 6080), (12, 6083), (15, 6152), (17, 6194), (18, 6197), (20, 6224), (22, 6248), (24, 6278), (27, 6353), (28, 6368),

Gene: Okabe_9 Start: 6624, Stop: 7109, Start Num: 4

Candidate Starts for Okabe_9:

(Start: 1 @6540 has 101 MA's), (Start: 2 @6543 has 74 MA's), (4, 6624), (5, 6633), (7, 6678), (8, 6702), (10, 6729), (11, 6744), (12, 6747), (15, 6816), (17, 6858), (18, 6861), (20, 6888), (22, 6912), (24, 6942), (27, 7017), (28, 7032),

Gene: OldBen_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for OldBen_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: OlympiaSaint_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for OlympiaSaint_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (24, 6280), (27, 6355), (28, 6370),

Gene: Ovechkin_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Ovechkin_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: PHappiness_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for PHappiness_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: PMC_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for PMC_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: Pacc40_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Pacc40_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: PatoPoderoso_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for PatoPoderoso_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: Phalconet_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Phalconet_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Phanphagia_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Phanphagia_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Phasih_7 Start: 5896, Stop: 6462, Start Num: 2

Candidate Starts for Phasih_7:

(Start: 1 @5893 has 101 MA's), (Start: 2 @5896 has 74 MA's), (4, 5977), (5, 5986), (7, 6031), (8, 6055), (10, 6082), (11, 6097), (12, 6100), (15, 6169), (17, 6211), (18, 6214), (20, 6241), (22, 6265), (24, 6295), (27, 6370), (28, 6385), (29, 6403),

Gene: Phatniss_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Phatniss_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369),

Gene: PhesterPhotato_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for PhesterPhotato_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Philus_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for Philus_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: PhilipPhlop_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for PhilipPhlop_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: Pippy_7 Start: 5868, Stop: 6434, Start Num: 2

Candidate Starts for Pippy_7:

(Start: 1 @5865 has 101 MA's), (Start: 2 @5868 has 74 MA's), (3, 5907), (4, 5949), (5, 5958), (7, 6003), (8, 6027), (10, 6054), (11, 6069), (12, 6072), (15, 6141), (17, 6183), (18, 6186), (20, 6213), (22, 6237), (24, 6267), (27, 6342), (28, 6357),

Gene: Poenanya_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Poenanya_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Polka14_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for Polka14_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370), (29, 6388),

Gene: Polo2Bam_8 Start: 5857, Stop: 6423, Start Num: 2

Candidate Starts for Polo2Bam_8:

(Start: 2 @5857 has 74 MA's), (7, 5992), (8, 6016), (9, 6028), (12, 6061), (14, 6103), (15, 6130), (18, 6175), (19, 6178), (23, 6235), (24, 6256), (25, 6271), (28, 6346), (31, 6409),

Gene: PopTart_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for PopTart_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Priscilla_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for Priscilla_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: QuickMath_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for QuickMath_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: Radiance_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Radiance_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: RedBird_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for RedBird_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Rita_7 Start: 5884, Stop: 6450, Start Num: 2

Candidate Starts for Rita_7:

(Start: 2 @5884 has 74 MA's), (7, 6019), (8, 6043), (9, 6055), (10, 6070), (12, 6088), (14, 6130), (15, 6157), (18, 6202), (19, 6205), (23, 6262), (24, 6283), (25, 6298), (28, 6373), (31, 6436),

Gene: RitaG_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for RitaG_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: Rockne_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for Rockne_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: Royals2015_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Royals2015_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Ruby_7 Start: 5883, Stop: 6452, Start Num: 1

Candidate Starts for Ruby_7:

(Start: 1 @5883 has 101 MA's), (Start: 2 @5886 has 74 MA's), (4, 5967), (5, 5976), (7, 6021), (8, 6045), (10, 6072), (11, 6087), (12, 6090), (15, 6159), (17, 6201), (18, 6204), (20, 6231), (22, 6255), (24, 6285), (27, 6360), (28, 6375), (29, 6393),

Gene: SG4_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for SG4_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Saal_7 Start: 5866, Stop: 6435, Start Num: 1

Candidate Starts for Saal_7:

(Start: 1 @5866 has 101 MA's), (Start: 2 @5869 has 74 MA's), (3, 5908), (4, 5950), (5, 5959), (7, 6004), (8, 6028), (10, 6055), (11, 6070), (12, 6073), (15, 6142), (17, 6184), (18, 6187), (20, 6214), (22, 6238), (24, 6268), (27, 6343), (28, 6358),

Gene: Sabbb_7 Start: 5881, Stop: 6450, Start Num: 1

Candidate Starts for Sabbb_7:

(Start: 1 @5881 has 101 MA's), (Start: 2 @5884 has 74 MA's), (4, 5965), (5, 5974), (7, 6019), (8, 6043), (10, 6070), (11, 6085), (12, 6088), (15, 6157), (17, 6199), (18, 6202), (20, 6229), (22, 6253), (24, 6283), (27, 6358), (28, 6373), (29, 6391),

Gene: Sandalphon_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for Sandalphon_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (3, 5936), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: Sassafras_7 Start: 5880, Stop: 6446, Start Num: 2

Candidate Starts for Sassafras_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: SassyB_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for SassyB_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Scottish_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Scottish_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369), (29, 6387),

Gene: SeaLumen_7 Start: 5857, Stop: 6423, Start Num: 2

Candidate Starts for SeaLumen_7:

(Start: 2 @5857 has 74 MA's), (7, 5992), (8, 6016), (9, 6028), (12, 6061), (14, 6103), (15, 6130), (18, 6175), (19, 6178), (23, 6235), (24, 6256), (25, 6271), (28, 6346), (31, 6409),

Gene: Seabastian_7 Start: 5876, Stop: 6445, Start Num: 1

Candidate Starts for Seabastian_7:

(Start: 1 @5876 has 101 MA's), (Start: 2 @5879 has 74 MA's), (4, 5960), (5, 5969), (7, 6014), (8, 6038), (10, 6065), (11, 6080), (12, 6083), (15, 6152), (17, 6194), (18, 6197), (20, 6224), (22, 6248), (24, 6278), (27, 6353), (28, 6368),

Gene: Shauna1_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Shauna1_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: ShiLan_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for ShiLan_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: ShowerHandel_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for ShowerHandel_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371),

Gene: ShroomBoi_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for ShroomBoi_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: SiSi_7 Start: 5868, Stop: 6434, Start Num: 2

Candidate Starts for SiSi_7:

(Start: 2 @5868 has 74 MA's), (7, 6003), (8, 6027), (10, 6054), (12, 6072), (14, 6114), (15, 6141), (18, 6186), (19, 6189), (23, 6246), (24, 6267), (25, 6282), (28, 6357), (31, 6420),

Gene: Sparkdehlily_7 Start: 5893, Stop: 6462, Start Num: 1

Candidate Starts for Sparkdehlily_7:

(Start: 1 @5893 has 101 MA's), (Start: 2 @5896 has 74 MA's), (3, 5935), (4, 5977), (5, 5986), (7, 6031), (8, 6055), (10, 6082), (11, 6097), (12, 6100), (15, 6169), (17, 6211), (18, 6214), (20, 6241), (22, 6265), (24, 6295), (27, 6370), (28, 6385), (29, 6403),

Gene: Spartacus_7 Start: 5871, Stop: 6437, Start Num: 2

Candidate Starts for Spartacus_7:

(Start: 2 @5871 has 74 MA's), (4, 5952), (6, 5994), (8, 6030), (9, 6042), (10, 6057), (12, 6075), (14, 6117), (15, 6144), (16, 6150), (18, 6189), (21, 6228), (23, 6249), (24, 6270), (25, 6285), (26, 6300), (30, 6387), (31, 6423),

Gene: Spoonbill_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for Spoonbill_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371), (29, 6389),

Gene: StAnnes_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for StAnnes_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Strokeseat_7 Start: 5867, Stop: 6436, Start Num: 1

Candidate Starts for Strokeseat_7:

(Start: 1 @5867 has 101 MA's), (Start: 2 @5870 has 74 MA's), (4, 5951), (5, 5960), (7, 6005), (8, 6029), (10, 6056), (11, 6071), (12, 6074), (15, 6143), (17, 6185), (18, 6188), (20, 6215), (22, 6239), (24,

6269), (27, 6344), (28, 6359),

Gene: SuperGrey_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for SuperGrey_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: SwagPiggett_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for SwagPiggett_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371),

Gene: TDanisky_7 Start: 5893, Stop: 6462, Start Num: 1

Candidate Starts for TDanisky_7:

(Start: 1 @5893 has 101 MA's), (Start: 2 @5896 has 74 MA's), (3, 5935), (4, 5977), (5, 5986), (7, 6031), (8, 6055), (10, 6082), (11, 6097), (12, 6100), (15, 6169), (17, 6211), (18, 6214), (20, 6241), (22, 6265), (24, 6295), (27, 6370), (28, 6385), (29, 6403),

Gene: Taj_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Taj_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Topiatin_9 Start: 6533, Stop: 7099, Start Num: 2

Candidate Starts for Topiatin_9:

(Start: 2 @6533 has 74 MA's), (7, 6668), (8, 6692), (9, 6704), (10, 6719), (12, 6737), (14, 6779), (15, 6806), (18, 6851), (19, 6854), (23, 6911), (24, 6932), (25, 6947), (28, 7022), (31, 7085),

Gene: Tweety_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Tweety_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: VRedHorse_7 Start: 5879, Stop: 6448, Start Num: 1

Candidate Starts for VRedHorse_7:

(Start: 1 @5879 has 101 MA's), (Start: 2 @5882 has 74 MA's), (3, 5921), (4, 5963), (5, 5972), (7, 6017), (8, 6041), (10, 6068), (11, 6083), (12, 6086), (15, 6155), (17, 6197), (18, 6200), (20, 6227), (22, 6251), (24, 6281), (27, 6356), (28, 6371),

Gene: Veteran_7 Start: 5894, Stop: 6463, Start Num: 1

Candidate Starts for Veteran_7:

(Start: 1 @5894 has 101 MA's), (Start: 2 @5897 has 74 MA's), (4, 5978), (5, 5987), (7, 6032), (8, 6056), (10, 6083), (11, 6098), (12, 6101), (15, 6170), (17, 6212), (18, 6215), (20, 6242), (22, 6266), (24, 6296), (27, 6371), (28, 6386),

Gene: Violac_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Violac_7:

(Start: 1 @5880 has 101 MA's), (Start: 2 @5883 has 74 MA's), (4, 5964), (5, 5973), (7, 6018), (8, 6042), (10, 6069), (11, 6084), (12, 6087), (15, 6156), (17, 6198), (18, 6201), (20, 6228), (22, 6252), (24, 6282), (27, 6357), (28, 6372), (29, 6390),

Gene: Vivum_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for Vivum_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: Wachhund_7 Start: 5870, Stop: 6439, Start Num: 1

Candidate Starts for Wachhund_7:

(Start: 1 @5870 has 101 MA's), (Start: 2 @5873 has 74 MA's), (4, 5954), (5, 5963), (7, 6008), (8, 6032), (10, 6059), (11, 6074), (12, 6077), (15, 6146), (17, 6188), (18, 6191), (20, 6218), (22, 6242), (24, 6272), (27, 6347), (28, 6362), (29, 6380),

Gene: Wee_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Wee_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Whatsapiecost_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for Whatsapiecost_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Whouxphf_7 Start: 5869, Stop: 6438, Start Num: 1

Candidate Starts for Whouxphf_7:

(Start: 1 @5869 has 101 MA's), (Start: 2 @5872 has 74 MA's), (4, 5953), (5, 5962), (7, 6007), (8, 6031), (10, 6058), (11, 6073), (12, 6076), (15, 6145), (17, 6187), (18, 6190), (20, 6217), (22, 6241), (24, 6271), (27, 6346), (28, 6361), (29, 6379),

Gene: WillSterrel_7 Start: 5871, Stop: 6437, Start Num: 2

Candidate Starts for WillSterrel_7:

(Start: 2 @5871 has 74 MA's), (4, 5952), (6, 5994), (8, 6030), (9, 6042), (10, 6057), (12, 6075), (14, 6117), (15, 6144), (16, 6150), (18, 6189), (21, 6228), (23, 6249), (24, 6270), (25, 6285), (26, 6300), (30, 6387), (31, 6423),

Gene: XFactor_7 Start: 5883, Stop: 6449, Start Num: 2

Candidate Starts for XFactor_7:

(Start: 2 @5883 has 74 MA's), (7, 6018), (8, 6042), (9, 6054), (10, 6069), (12, 6087), (14, 6129), (15, 6156), (18, 6201), (19, 6204), (23, 6261), (24, 6282), (25, 6297), (28, 6372), (31, 6435),

Gene: Yorick_7 Start: 5877, Stop: 6446, Start Num: 1

Candidate Starts for Yorick_7:

(Start: 1 @5877 has 101 MA's), (Start: 2 @5880 has 74 MA's), (3, 5919), (4, 5961), (5, 5970), (7, 6015), (8, 6039), (10, 6066), (11, 6081), (12, 6084), (15, 6153), (17, 6195), (18, 6198), (20, 6225), (22, 6249), (24, 6279), (27, 6354), (28, 6369),

Gene: Zerg_7 Start: 5878, Stop: 6447, Start Num: 1

Candidate Starts for Zerg_7:

(Start: 1 @5878 has 101 MA's), (Start: 2 @5881 has 74 MA's), (3, 5920), (4, 5962), (5, 5971), (7, 6016), (8, 6040), (10, 6067), (11, 6082), (12, 6085), (15, 6154), (17, 6196), (18, 6199), (20, 6226), (22, 6250), (24, 6280), (27, 6355), (28, 6370),

Gene: Zizzle_7 Start: 5881, Stop: 6450, Start Num: 1

Candidate Starts for Zizzle_7:

(Start: 1 @5881 has 101 MA's), (Start: 2 @5884 has 74 MA's), (3, 5923), (4, 5965), (5, 5974), (7, 6019), (8, 6043), (10, 6070), (11, 6085), (12, 6088), (15, 6157), (17, 6199), (18, 6202), (20, 6229), (22, 6253), (24, 6283), (27, 6358), (28, 6373),