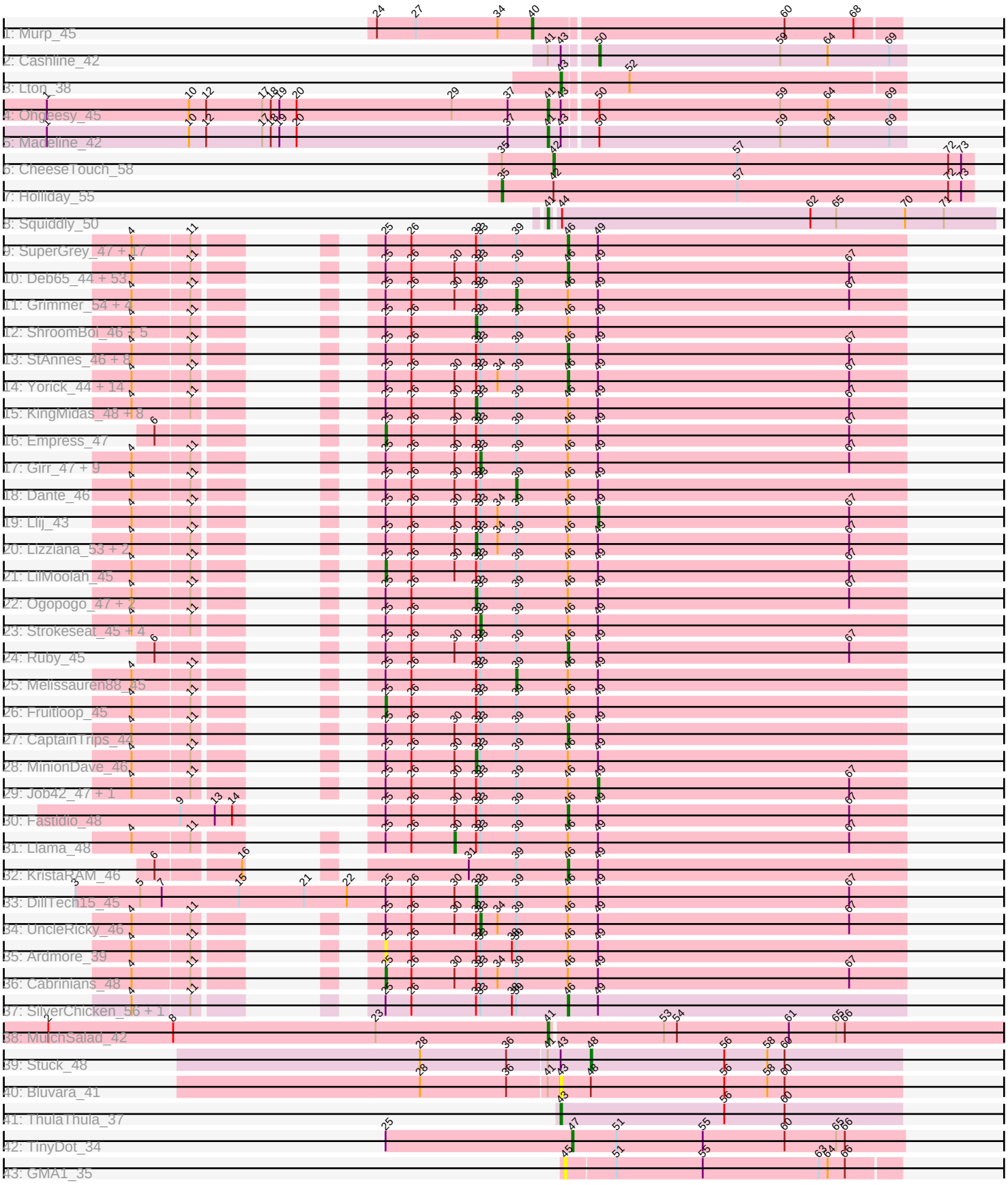
Pham 347310


1: Murp_45
2: Cashline_42
3: Lton_38
4: Ohgeesy_45
5: Madeline_42
6: CheeseTouch_58
7: Holliday_55
8: Squiddly_50
9: SuperGrey_47 + 17
10: Deb65_44 + 53
11: Grimmer_54 + 4
12: ShroomBoi_46 + 5
13: StAnnes_46 + 8
14: Yorick_44 + 14
15: KingMidas_48 + 8
16: Empress_47
17: Girr_47 + 9
18: Dante_46
19: Lij_43
20: Lizziana_53 + 2
21: LilMoolah_45
22: Ogopogo_47 + 2
23: Strokeseat_45 + 4
24: Ruby_45
25: Melissauren88_45
26: Fruitloop_45
27: CaptainTrips_44
28: MinionDave_46
29: Job42_47 + 1
30: Fastidio_48
31: Llama_48
32: KristaRAM_46
33: DillTech15_45
34: UncleRicky_46
35: Ardmore_39
36: Cabrinians_48
37: SilverChicken_56 + 1
38: MulchSalad_42
39: Stuck_48
40: Bluvara_41
41: ThulaThula_37
42: TinyDot_34
43: GMA1_35

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 347310 Report

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

Pham number 347310 has 171 members, 15 are drafts.

Phages represented in each track:
- Track 1 : Murp_45
- Track 2 : Cashline_42
- Track 3 : Lton_38
- Track 4 : Ohgeesy_45
- Track 5 : Madeline_42
- Track 6 : CheeseTouch_58
- Track 7 : Holliday_55
- Track 8 : Squiddly_50
- Track 9 : SuperGrey_47, Doomslug_54, Bobi_49, MilanaBonita_40, Corium_44, XFactor_45, Cornucopia_50, KingJulian_45, Akhila_40, Beakin_48, Emma_47, Phalconet_45, Galactic_46, PatoPoderoso_44, Ms6_40, Enby_48, Okabe_42, Lorde_48
- Track 10 : Deb65_44, Dorothy_43, Doomphist_46, Leozinho_46, Boomer_49, SassyB_42, Mwanjiwa_52, Plumbus_46, Spoonbill_46, Topiatin_51, Ochi17_46, Nimbo_43, Estave1_47, Leperchaun_41, PopTart_42, Pollywog_45, Kenuha5_42, Nitzel_42, Modragons_47, JoeyJr_44, Daenerys_43, Whouxphf_45, SimranZ1_46, Rockne_44, Kersh_47, Phasih_44, Ibhubesi_47, Chuckly_46, Latretium_49, Blarby_57, PHappiness_44, MadMen_41, Hegedechwinu_45, ArcusAngelus_50, Eradicator_38, Eish_47, Madiba_42, Stap_45, Tootsieroll_48, Zerg_45, Inventum_43, Tchotchke_48, Geralt_44, RitaG_44, LittleShirley_46, Juice456_48, BodEinwohner17_45, AlpineSix_48, Polka14_45, Sparkdehlily_49, Taj_48, Pacc40_43, Minnie_49, RockyHorror_47
- Track 11 : Grimmer_54, Shauna1_41, Renaud18_49, Marker_47, Mozy_55
- Track 12 : ShroomBoi_46, EleanorGeorge_44, LunaBlu_49, Flathead_47, Mandlovu_44, Ovechkin_44
- Track 13 : StAnnes_46, Medindi_44, Filuzino_44, DaWorst_48, Batiatus_46, IMpilo_45, DLane_44, Cheesepuff_52, Jant_51
- Track 14 : Yorick_44, DirtMcgirt_45, Martik_47, Jarcob_47, Drago_45, Blexus_44, ShowerHandel_49, NormanBulbieJr_48, Koella_41, Priscilla_47, ShiLan_47, Lucia_45, Crumble_42, Burwell21_46, Phatniss_44
- Track 15 : KingMidas_48, TDanisky_49, Poenanya_46, Rita_47, BlueCrab_44, Krakatau_44, Seagreen_47, Beanstalk_47, OlympiaSaint_46
- Track 16 : Empress_47
- Track 17 : Girr_47, RedBird_43, Jinglebell_48, Scottish_47, Sassafras_46, Chevrolet_53, MisterCuddles_46, Seabastian_48, OfUltron_48, Peridot_47
- Track 18 : Dante_46
- Track 19 : Llij_43

• Track 20 : Lizziana_53, FreddyB_47, DoRead_48
• Track 21 : LilMoolah_45
• Track 22 : Ogopogo_47, Mova_47, Guppsters_47
• Track 23 : Strokeseat_45, VRedHorse_47, PhesterPhotato_48, Hlubikazi_44, SG4_45
• Track 24 : Ruby_45
• Track 25 : Melissauren88_45
• Track 26 : Fruitloop_45
• Track 27 : CaptainTrips_44
• Track 28 : MinionDave_46
• Track 29 : Job42_47, PMC_41
• Track 30 : Fastidio_48
• Track 31 : Llama_48
• Track 32 : KristaRAM_46
• Track 33 : DillTech15_45
• Track 34 : UncleRicky_46
• Track 35 : Ardmore_39
• Track 36 : Cabrinians_48
• Track 37 : SilverChicken_56, Brushbloom_49
• Track 38 : MulchSalad_42
• Track 39 : Stuck_48
• Track 40 : Bluvara_41
• Track 41 : ThulaThula_37
• Track 42 : TinyDot_34
• Track 43 : GMA1_35

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

The start number called the most often in the published annotations is 46, it was called in 90 of the 156 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Akhila_40, AlpineSix_48, ArcusAngelus_50, Batiatus_46, Beakin_48, Blarby_57, Blexus_44, Bobi_49, BodEinwohner17_45, Boomer_49, Brushbloom_49, Burwell21_46, CaptainTrips_44, Cheesepuff_52, Chuckly_46, Corium_44, Cornucopia_50, Crumble_42, DLane_44, DaWorst_48, Daenerys_43, Deb65_44, DirtMcgirt_45, Doomphist_46, Doomslug_54, Dorothy_43, Drago_45, Eish_47, Emma_47, Enby_48, Eradicator_38, Estave1_47, Fastidio_48, Filuzino_44, Galactic_46, Geralt_44, Hegedechwinu_45, IMpilo_45, Ibhubesi_47, Inventum_43, Jant_51, Jarcob_47, JoeyJr_44, Juice456_48, Kenuha5_42, Kersh_47, KingJulian_45, Koella_41, KristaRAM_46, Latretium_49, Leozinho_46, Leperchaun_41, LittleShirley_46, Lorde_48, Lucia_45, MadMen_41, Madiba_42, Martik_47, Medindi_44, MilanaBonita_40, Minnie_49, Modragons_47, Ms6_40, Mwanjiwa_52, Nimbo_43, Nitzel_42, NormanBulbieJr_48, Ochi17_46, Okabe_42, PHappiness_44, Pacc40_43, PatoPoderoso_44, Phalconet_45, Phasih_44, Phatniss_44, Plumbus_46, Polka14_45, Pollywog_45, PopTart_42, Priscilla_47, RitaG_44, Rockne_44, RockyHorror_47, Ruby_45, SassyB_42, ShiLan_47, ShowerHandel_49, SilverChicken_56, SimranZ1_46, Sparkdehlily_49, Spoonbill_46, StAnnes_46, Stap_45, SuperGrey_47, Taj_48, Tchotchke_48, Tootsieroll_48, Topiatin_51, Whouxphf_45, XFactor_45, Yorick_44, Zerg_45,

Genes that have the "Most Annotated" start but do not call it:
• Ardmore_39, Beanstalk_47, BlueCrab_44, Cabrinians_48, Chevrolet_53, Dante_46, DillTech15_45, DoRead_48, EleanorGeorge_44, Empress_47, Flathead_47, FreddyB_47, Fruitloop_45, Girr_47, Grimmer_54, Guppsters_47, Hlubikazi_44, Jinglebell_48, Job42_47, KingMidas_48, Krakatau_44, LilMoolah_45, Lizziana_53, Llama_48, Llij_43, LunaBlu_49, Mandlovu_44, Marker_47, Melissauren88_45, MinionDave_46, MisterCuddles_46, Mova_47, Mozy_55, OfUltron_48, Ogopogo_47, OlympiaSaint_46, Ovechkin_44, PMC_41, Peridot_47, PhesterPhotato_48, Poenanya_46, RedBird_43, Renaud18_49, Rita_47, SG4_45, Sassafras_46, Scottish_47, Seabastian_48, Seagreen_47, Shauna1_41, ShroomBoi_46, Strokeseat_45, TDanisky_49, UncleRicky_46, VRedHorse_47,

Genes that do not have the "Most Annotated" start:
• Bluvara_41, Cashline_42, CheeseTouch_58, GMA1_35, Holliday_55, Lton_38, Madeline_42, MulchSalad_42, Murp_45, Ohgeesy_45, Squiddly_50, Stuck_48, ThulaThula_37, TinyDot_34,

Summary by start number:

Start 25:
• Found in 157 of 171 (91.8%) of genes in pham
• Manual Annotations of this start: 4 of 156
• Called 3.2% of time when present
• Phage (with cluster) where this start called: Ardmore_39 (F1), Cabrinians_48 (F1), Empress_47 (F1), Fruitloop_45 (F1), LilMoolah_45 (F1),

Start 30:
• Found in 110 of 171 (64.3%) of genes in pham
• Manual Annotations of this start: 1 of 156
• Called 0.9% of time when present
• Phage (with cluster) where this start called: Llama_48 (F1),

Start 32:
• Found in 156 of 171 (91.2%) of genes in pham
• Manual Annotations of this start: 23 of 156
• Called 14.7% of time when present
• Phage (with cluster) where this start called: Beanstalk_47 (F1), BlueCrab_44 (F1), DillTech15_45 (F1), DoRead_48 (F1), EleanorGeorge_44 (F1), Flathead_47 (F1), FreddyB_47 (F1), Guppsters_47 (F1), KingMidas_48 (F1), Krakatau_44 (F1), Lizziana_53 (F1), LunaBlu_49 (F1), Mandlovu_44 (F1), MinionDave_46 (F1), Mova_47 (F1), Ogopogo_47 (F1), OlympiaSaint_46 (F1), Ovechkin_44 (F1), Poenanya_46 (F1), Rita_47 (F1), Seagreen_47 (F1), ShroomBoi_46 (F1), TDanisky_49 (F1),

Start 33:
• Found in 156 of 171 (91.2%) of genes in pham
• Manual Annotations of this start: 16 of 156
• Called 10.3% of time when present
• Phage (with cluster) where this start called: Chevrolet_53 (F1), Girr_47 (F1), Hlubikazi_44 (F1), Jinglebell_48 (F1), MisterCuddles_46 (F1), OfUltron_48 (F1), Peridot_47 (F1), PhesterPhotato_48 (F1), RedBird_43 (F1), SG4_45 (F1), Sassafras_46 (F1), Scottish_47 (F1), Seabastian_48 (F1), Strokeseat_45 (F1),

UncleRicky_46 (F1), VRedHorse_47 (F1),

Start 35:
• Found in 2 of 171 (1.2%) of genes in pham
• Manual Annotations of this start: 1 of 156
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Holliday_55 (DN1),

Start 39:
• Found in 157 of 171 (91.8%) of genes in pham
• Manual Annotations of this start: 7 of 156
• Called 4.5% of time when present
• Phage (with cluster) where this start called: Dante_46 (F1), Grimmer_54 (F1), Marker_47 (F1), Melissauren88_45 (F1), Mozy_55 (F1), Renaud18_49 (F4), Shauna1_41 (F1),

Start 40:
• Found in 1 of 171 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 156
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Murp_45 (CV),

Start 41:
• Found in 7 of 171 (4.1%) of genes in pham
• Manual Annotations of this start: 4 of 156
• Called 57.1% of time when present
• Phage (with cluster) where this start called: Madeline_42 (CZ1), MulchSalad_42 (F7), Ohgeesy_45 (CZ), Squiddly_50 (DN2),

Start 42:
• Found in 2 of 171 (1.2%) of genes in pham
• Manual Annotations of this start: 1 of 156
• Called 50.0% of time when present
• Phage (with cluster) where this start called: CheeseTouch_58 (DN1),

Start 43:
• Found in 7 of 171 (4.1%) of genes in pham
• Manual Annotations of this start: 2 of 156
• Called 42.9% of time when present
• Phage (with cluster) where this start called: Bluvara_41 (I3), Lton_38 (CZ), ThulaThula_37 (P5),

Start 45:
• Found in 1 of 171 (0.6%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: GMA1_35 (singleton),

Start 46:
• Found in 157 of 171 (91.8%) of genes in pham
• Manual Annotations of this start: 90 of 156
• Called 65.0% of time when present

• Phage (with cluster) where this start called: Akhila_40 (F1), AlpineSix_48 (F1), ArcusAngelus_50 (F1), Batiatus_46 (F1), Beakin_48 (F1), Blarby_57 (F), Blexus_44 (F1), Bobi_49 (F1), BodEinwohner17_45 (F1), Boomer_49 (F1), Brushbloom_49 (F1), Burwell21_46 (F1), CaptainTrips_44 (F1), Cheesepuff_52 (F1), Chuckly_46 (F1), Corium_44 (F1), Cornucopia_50 (F1), Crumble_42 (F1), DLane_44 (F1), DaWorst_48 (F1), Daenerys_43 (F1), Deb65_44 (F1), DirtMcgirt_45 (F1), Doomphist_46 (F1), Doomslug_54 (F), Dorothy_43 (F1), Drago_45 (F1), Eish_47 (F1), Emma_47 (F1), Enby_48 (F1), Eradicator_38 (F1), Estave1_47 (F1), Fastidio_48 (F1), Filuzino_44 (F1), Galactic_46 (F1), Geralt_44 (F1), Hegedechwinu_45 (F1), IMpilo_45 (F1), Ibhubesi_47 (F1), Inventum_43 (F1), Jant_51 (F1), Jarcob_47 (F1), JoeyJr_44 (F1), Juice456_48 (F1), Kenuha5_42 (F1), Kersh_47 (F1), KingJulian_45 (F1), Koella_41 (F1), KristaRAM_46 (F1), Latretium_49 (F1), Leozinho_46 (F1), Leperchaun_41 (F1), LittleShirley_46 (F1), Lorde_48 (F1), Lucia_45 (F1), MadMen_41 (F1), Madiba_42 (F1), Martik_47 (F1), Medindi_44 (F1), MilanaBonita_40 (F1), Minnie_49 (F1), Modragons_47 (F1), Ms6_40 (F1), Mwanjiwa_52 (F1), Nimbo_43 (F1), Nitzel_42 (F1), NormanBulbieJr_48 (F1), Ochi17_46 (F1), Okabe_42 (F8), PHappiness_44 (F1), Pacc40_43 (F1), PatoPoderoso_44 (F1), Phalconet_45 (F1), Phasih_44 (F1), Phatniss_44 (F1), Plumbus_46 (F1), Polka14_45 (F1), Pollywog_45 (F1), PopTart_42 (F1), Priscilla_47 (F1), RitaG_44 (F1), Rockne_44 (F1), RockyHorror_47 (F1), Ruby_45 (F1), SassyB_42 (F1), ShiLan_47 (F1), ShowerHandel_49 (F1), SilverChicken_56 (F2), SimranZ1_46 (F1), Sparkdehlily_49 (F1), Spoonbill_46 (F1), StAnnes_46 (F1), Stap_45 (F1), SuperGrey_47 (F1), Taj_48 (F1), Tchotchke_48 (F1), Tootsieroll_48 (F1), Topiatin_51 (F1), Whouxphf_45 (F1), XFactor_45 (F1), Yorick_44 (F1), Zerg_45 (F1),

Start 47:
• Found in 1 of 171 (0.6%) of genes in pham
• Manual Annotations of this start: 1 of 156
• Called 100.0% of time when present
• Phage (with cluster) where this start called: TinyDot_34 (singleton),

Start 48:
• Found in 2 of 171 (1.2%) of genes in pham
• Manual Annotations of this start: 1 of 156
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Stuck_48 (I2),

Start 49:
• Found in 157 of 171 (91.8%) of genes in pham
• Manual Annotations of this start: 3 of 156
• Called 1.9% of time when present
• Phage (with cluster) where this start called: Job42_47 (F1), Llij_43 (F1), PMC_41 (F1),

Start 50:
• Found in 3 of 171 (1.8%) of genes in pham
• Manual Annotations of this start: 1 of 156
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Cashline_42 (CY6),

Summary by clusters:

There are 16 clusters represented in this pham: F1, singleton, I2, F4, CY6, F7, F, F8, I3, CZ1, F2, CZ, DN1, DN2, CV, P5,

Info for manual annotations of cluster CV:
•Start number 40 was manually annotated 1 time for cluster CV.

Info for manual annotations of cluster CY6:
•Start number 50 was manually annotated 1 time for cluster CY6.

Info for manual annotations of cluster CZ:
•Start number 41 was manually annotated 1 time for cluster CZ.
•Start number 43 was manually annotated 1 time for cluster CZ.

Info for manual annotations of cluster CZ1:
•Start number 41 was manually annotated 1 time for cluster CZ1.

Info for manual annotations of cluster DN1:
•Start number 35 was manually annotated 1 time for cluster DN1.
•Start number 42 was manually annotated 1 time for cluster DN1.

Info for manual annotations of cluster DN2:
•Start number 41 was manually annotated 1 time for cluster DN2.

Info for manual annotations of cluster F1:
•Start number 25 was manually annotated 4 times for cluster F1.
•Start number 30 was manually annotated 1 time for cluster F1.
•Start number 32 was manually annotated 23 times for cluster F1.
•Start number 33 was manually annotated 16 times for cluster F1.
•Start number 39 was manually annotated 6 times for cluster F1.
•Start number 46 was manually annotated 90 times for cluster F1.
•Start number 49 was manually annotated 3 times for cluster F1.

Info for manual annotations of cluster F4:
•Start number 39 was manually annotated 1 time for cluster F4.

Info for manual annotations of cluster F7:
•Start number 41 was manually annotated 1 time for cluster F7.

Info for manual annotations of cluster I2:
•Start number 48 was manually annotated 1 time for cluster I2.

Info for manual annotations of cluster P5:
•Start number 43 was manually annotated 1 time for cluster P5.

Gene Information:

Gene: Akhila_40 Start: 31759, Stop: 31992, Start Num: 46

Candidate Starts for Akhila_40:
(4, 31540), (11, 31579), (Start: 25 @31633 has 4 MA's), (26, 31651), (Start: 32 @31696 has 23 MA's), (Start: 33 @31699 has 16 MA's), (Start: 39 @31723 has 7 MA's), (Start: 46 @31759 has 90 MA's), (Start: 49 @31780 has 3 MA's),

Gene: AlpineSix_48 Start: 35971, Stop: 36204, Start Num: 46
Candidate Starts for AlpineSix_48:
(4, 35752), (11, 35791), (Start: 25 @35845 has 4 MA's), (26, 35863), (Start: 30 @35893 has 1 MA's), (Start: 32 @35908 has 23 MA's), (Start: 33 @35911 has 16 MA's), (Start: 39 @35935 has 7 MA's), (Start: 46 @35971 has 90 MA's), (Start: 49 @35992 has 3 MA's), (67, 36166),

Gene: ArcusAngelus_50 Start: 37109, Stop: 37342, Start Num: 46
Candidate Starts for ArcusAngelus_50:
(4, 36890), (11, 36929), (Start: 25 @36983 has 4 MA's), (26, 37001), (Start: 30 @37031 has 1 MA's), (Start: 32 @37046 has 23 MA's), (Start: 33 @37049 has 16 MA's), (Start: 39 @37073 has 7 MA's), (Start: 46 @37109 has 90 MA's), (Start: 49 @37130 has 3 MA's), (67, 37304),

Gene: Ardmore_39 Start: 33409, Stop: 33768, Start Num: 25
Candidate Starts for Ardmore_39:
(4, 33316), (11, 33355), (Start: 25 @33409 has 4 MA's), (26, 33427), (Start: 32 @33472 has 23 MA's), (Start: 33 @33475 has 16 MA's), (38, 33496), (Start: 39 @33499 has 7 MA's), (Start: 46 @33535 has 90 MA's), (Start: 49 @33556 has 3 MA's),

Gene: Batiatus_46 Start: 35791, Stop: 36024, Start Num: 46
Candidate Starts for Batiatus_46:
(4, 35572), (11, 35611), (Start: 25 @35665 has 4 MA's), (26, 35683), (Start: 32 @35728 has 23 MA's), (Start: 33 @35731 has 16 MA's), (Start: 39 @35755 has 7 MA's), (Start: 46 @35791 has 90 MA's), (Start: 49 @35812 has 3 MA's), (67, 35986),

Gene: Beakin_48 Start: 34844, Stop: 35077, Start Num: 46
Candidate Starts for Beakin_48:
(4, 34625), (11, 34664), (Start: 25 @34718 has 4 MA's), (26, 34736), (Start: 32 @34781 has 23 MA's), (Start: 33 @34784 has 16 MA's), (Start: 39 @34808 has 7 MA's), (Start: 46 @34844 has 90 MA's), (Start: 49 @34865 has 3 MA's),

Gene: Beanstalk_47 Start: 34408, Stop: 34704, Start Num: 32
Candidate Starts for Beanstalk_47:
(4, 34252), (11, 34291), (Start: 25 @34345 has 4 MA's), (26, 34363), (Start: 30 @34393 has 1 MA's), (Start: 32 @34408 has 23 MA's), (Start: 33 @34411 has 16 MA's), (Start: 39 @34435 has 7 MA's), (Start: 46 @34471 has 90 MA's), (Start: 49 @34492 has 3 MA's), (67, 34666),

Gene: Blarby_57 Start: 35522, Stop: 35755, Start Num: 46
Candidate Starts for Blarby_57:
(4, 35303), (11, 35342), (Start: 25 @35396 has 4 MA's), (26, 35414), (Start: 30 @35444 has 1 MA's), (Start: 32 @35459 has 23 MA's), (Start: 33 @35462 has 16 MA's), (Start: 39 @35486 has 7 MA's), (Start: 46 @35522 has 90 MA's), (Start: 49 @35543 has 3 MA's), (67, 35717),

Gene: Blexus_44 Start: 34840, Stop: 35073, Start Num: 46
Candidate Starts for Blexus_44:
(4, 34621), (11, 34660), (Start: 25 @34714 has 4 MA's), (26, 34732), (Start: 30 @34762 has 1 MA's), (Start: 32 @34777 has 23 MA's), (Start: 33 @34780 has 16 MA's), (34, 34792), (Start: 39 @34804 has 7 MA's), (Start: 46 @34840 has 90 MA's), (Start: 49 @34861 has 3 MA's), (67, 35035),

Gene: BlueCrab_44 Start: 34503, Stop: 34799, Start Num: 32
Candidate Starts for BlueCrab_44:
(4, 34347), (11, 34386), (Start: 25 @34440 has 4 MA's), (26, 34458), (Start: 30 @34488 has 1 MA's), (Start: 32 @34503 has 23 MA's), (Start: 33 @34506 has 16 MA's), (Start: 39 @34530 has 7 MA's), (Start: 46 @34566 has 90 MA's), (Start: 49 @34587 has 3 MA's), (67, 34761),

Gene: Bluvara_41 Start: 33376, Stop: 33612, Start Num: 43
Candidate Starts for Bluvara_41:
(28, 33280), (36, 33340), (Start: 41 @33367 has 4 MA's), (Start: 43 @33376 has 2 MA's), (Start: 48 @33397 has 1 MA's), (56, 33490), (58, 33520), (60, 33532),

Gene: Bobi_49 Start: 36534, Stop: 36767, Start Num: 46
Candidate Starts for Bobi_49:
(4, 36315), (11, 36354), (Start: 25 @36408 has 4 MA's), (26, 36426), (Start: 32 @36471 has 23 MA's), (Start: 33 @36474 has 16 MA's), (Start: 39 @36498 has 7 MA's), (Start: 46 @36534 has 90 MA's), (Start: 49 @36555 has 3 MA's),

Gene: BodEinwohner17_45 Start: 34782, Stop: 35015, Start Num: 46
Candidate Starts for BodEinwohner17_45:
(4, 34563), (11, 34602), (Start: 25 @34656 has 4 MA's), (26, 34674), (Start: 30 @34704 has 1 MA's), (Start: 32 @34719 has 23 MA's), (Start: 33 @34722 has 16 MA's), (Start: 39 @34746 has 7 MA's), (Start: 46 @34782 has 90 MA's), (Start: 49 @34803 has 3 MA's), (67, 34977),

Gene: Boomer_49 Start: 36015, Stop: 36248, Start Num: 46
Candidate Starts for Boomer_49:
(4, 35796), (11, 35835), (Start: 25 @35889 has 4 MA's), (26, 35907), (Start: 30 @35937 has 1 MA's), (Start: 32 @35952 has 23 MA's), (Start: 33 @35955 has 16 MA's), (Start: 39 @35979 has 7 MA's), (Start: 46 @36015 has 90 MA's), (Start: 49 @36036 has 3 MA's), (67, 36210),

Gene: Brushbloom_49 Start: 35484, Stop: 35717, Start Num: 46
Candidate Starts for Brushbloom_49:
(4, 35265), (11, 35304), (Start: 25 @35358 has 4 MA's), (26, 35376), (Start: 32 @35421 has 23 MA's), (Start: 33 @35424 has 16 MA's), (38, 35445), (Start: 39 @35448 has 7 MA's), (Start: 46 @35484 has 90 MA's), (Start: 49 @35505 has 3 MA's),

Gene: Burwell21_46 Start: 36047, Stop: 36280, Start Num: 46
Candidate Starts for Burwell21_46:
(4, 35828), (11, 35867), (Start: 25 @35921 has 4 MA's), (26, 35939), (Start: 30 @35969 has 1 MA's), (Start: 32 @35984 has 23 MA's), (Start: 33 @35987 has 16 MA's), (34, 35999), (Start: 39 @36011 has 7 MA's), (Start: 46 @36047 has 90 MA's), (Start: 49 @36068 has 3 MA's), (67, 36242),

Gene: Cabrinians_48 Start: 35999, Stop: 36358, Start Num: 25
Candidate Starts for Cabrinians_48:
(4, 35906), (11, 35945), (Start: 25 @35999 has 4 MA's), (26, 36017), (Start: 30 @36047 has 1 MA's), (Start: 32 @36062 has 23 MA's), (Start: 33 @36065 has 16 MA's), (34, 36077), (Start: 39 @36089 has 7 MA's), (Start: 46 @36125 has 90 MA's), (Start: 49 @36146 has 3 MA's), (67, 36320),

Gene: CaptainTrips_44 Start: 34967, Stop: 35200, Start Num: 46
Candidate Starts for CaptainTrips_44:
(4, 34748), (11, 34787), (Start: 25 @34841 has 4 MA's), (26, 34859), (Start: 30 @34889 has 1 MA's), (Start: 32 @34904 has 23 MA's), (Start: 33 @34907 has 16 MA's), (Start: 39 @34931 has 7 MA's), (Start: 46 @34967 has 90 MA's), (Start: 49 @34988 has 3 MA's),

Gene: Cashline_42 Start: 35028, Stop: 35240, Start Num: 50
Candidate Starts for Cashline_42:
(Start: 41 @34998 has 4 MA's), (Start: 43 @35007 has 2 MA's), (Start: 50 @35028 has 1 MA's), (59, 35154), (64, 35187), (69, 35229),

Gene: CheeseTouch_58 Start: 33570, Stop: 33860, Start Num: 42
Candidate Starts for CheeseTouch_58:
(Start: 35 @33534 has 1 MA's), (Start: 42 @33570 has 1 MA's), (57, 33696), (72, 33843), (73, 33852),

Gene: Cheesepuff_52 Start: 37007, Stop: 37240, Start Num: 46
Candidate Starts for Cheesepuff_52:
(4, 36788), (11, 36827), (Start: 25 @36881 has 4 MA's), (26, 36899), (Start: 32 @36944 has 23 MA's), (Start: 33 @36947 has 16 MA's), (Start: 39 @36971 has 7 MA's), (Start: 46 @37007 has 90 MA's), (Start: 49 @37028 has 3 MA's), (67, 37202),

Gene: Chevrolet_53 Start: 37050, Stop: 37343, Start Num: 33
Candidate Starts for Chevrolet_53:
(4, 36891), (11, 36930), (Start: 25 @36984 has 4 MA's), (26, 37002), (Start: 30 @37032 has 1 MA's), (Start: 32 @37047 has 23 MA's), (Start: 33 @37050 has 16 MA's), (Start: 39 @37074 has 7 MA's), (Start: 46 @37110 has 90 MA's), (Start: 49 @37131 has 3 MA's), (67, 37305),

Gene: Chuckly_46 Start: 34810, Stop: 35043, Start Num: 46
Candidate Starts for Chuckly_46:
(4, 34591), (11, 34630), (Start: 25 @34684 has 4 MA's), (26, 34702), (Start: 30 @34732 has 1 MA's), (Start: 32 @34747 has 23 MA's), (Start: 33 @34750 has 16 MA's), (Start: 39 @34774 has 7 MA's), (Start: 46 @34810 has 90 MA's), (Start: 49 @34831 has 3 MA's), (67, 35005),

Gene: Corium_44 Start: 35056, Stop: 35289, Start Num: 46
Candidate Starts for Corium_44:
(4, 34837), (11, 34876), (Start: 25 @34930 has 4 MA's), (26, 34948), (Start: 32 @34993 has 23 MA's), (Start: 33 @34996 has 16 MA's), (Start: 39 @35020 has 7 MA's), (Start: 46 @35056 has 90 MA's), (Start: 49 @35077 has 3 MA's),

Gene: Cornucopia_50 Start: 36113, Stop: 36346, Start Num: 46
Candidate Starts for Cornucopia_50:
(4, 35894), (11, 35933), (Start: 25 @35987 has 4 MA's), (26, 36005), (Start: 32 @36050 has 23 MA's), (Start: 33 @36053 has 16 MA's), (Start: 39 @36077 has 7 MA's), (Start: 46 @36113 has 90 MA's), (Start: 49 @36134 has 3 MA's),

Gene: Crumble_42 Start: 32061, Stop: 32294, Start Num: 46
Candidate Starts for Crumble_42:
(4, 31842), (11, 31881), (Start: 25 @31935 has 4 MA's), (26, 31953), (Start: 30 @31983 has 1 MA's), (Start: 32 @31998 has 23 MA's), (Start: 33 @32001 has 16 MA's), (34, 32013), (Start: 39 @32025 has 7 MA's), (Start: 46 @32061 has 90 MA's), (Start: 49 @32082 has 3 MA's), (67, 32256),

Gene: DLane_44 Start: 34896, Stop: 35129, Start Num: 46
Candidate Starts for DLane_44:
(4, 34677), (11, 34716), (Start: 25 @34770 has 4 MA's), (26, 34788), (Start: 32 @34833 has 23 MA's), (Start: 33 @34836 has 16 MA's), (Start: 39 @34860 has 7 MA's), (Start: 46 @34896 has 90 MA's), (Start: 49 @34917 has 3 MA's), (67, 35091),

Gene: DaWorst_48 Start: 35641, Stop: 35874, Start Num: 46
Candidate Starts for DaWorst_48:

(4, 35422), (11, 35461), (Start: 25 @35515 has 4 MA's), (26, 35533), (Start: 32 @35578 has 23 MA's), (Start: 33 @35581 has 16 MA's), (Start: 39 @35605 has 7 MA's), (Start: 46 @35641 has 90 MA's), (Start: 49 @35662 has 3 MA's), (67, 35836),

Gene: Daenerys_43 Start: 34432, Stop: 34665, Start Num: 46
Candidate Starts for Daenerys_43:
(4, 34213), (11, 34252), (Start: 25 @34306 has 4 MA's), (26, 34324), (Start: 30 @34354 has 1 MA's), (Start: 32 @34369 has 23 MA's), (Start: 33 @34372 has 16 MA's), (Start: 39 @34396 has 7 MA's), (Start: 46 @34432 has 90 MA's), (Start: 49 @34453 has 3 MA's), (67, 34627),

Gene: Dante_46 Start: 34510, Stop: 34779, Start Num: 39
Candidate Starts for Dante_46:
(4, 34327), (11, 34366), (Start: 25 @34420 has 4 MA's), (26, 34438), (Start: 30 @34468 has 1 MA's), (Start: 32 @34483 has 23 MA's), (Start: 33 @34486 has 16 MA's), (Start: 39 @34510 has 7 MA's), (Start: 46 @34546 has 90 MA's), (Start: 49 @34567 has 3 MA's),

Gene: Deb65_44 Start: 34401, Stop: 34634, Start Num: 46
Candidate Starts for Deb65_44:
(4, 34182), (11, 34221), (Start: 25 @34275 has 4 MA's), (26, 34293), (Start: 30 @34323 has 1 MA's), (Start: 32 @34338 has 23 MA's), (Start: 33 @34341 has 16 MA's), (Start: 39 @34365 has 7 MA's), (Start: 46 @34401 has 90 MA's), (Start: 49 @34422 has 3 MA's), (67, 34596),

Gene: DillTech15_45 Start: 33993, Stop: 34289, Start Num: 32
Candidate Starts for DillTech15_45:
(3, 33714), (5, 33759), (7, 33774), (15, 33828), (21, 33873), (22, 33903), (Start: 25 @33930 has 4 MA's), (26, 33948), (Start: 30 @33978 has 1 MA's), (Start: 32 @33993 has 23 MA's), (Start: 33 @33996 has 16 MA's), (Start: 39 @34020 has 7 MA's), (Start: 46 @34056 has 90 MA's), (Start: 49 @34077 has 3 MA's), (67, 34251),

Gene: DirtMcgirt_45 Start: 34083, Stop: 34316, Start Num: 46
Candidate Starts for DirtMcgirt_45:
(4, 33864), (11, 33903), (Start: 25 @33957 has 4 MA's), (26, 33975), (Start: 30 @34005 has 1 MA's), (Start: 32 @34020 has 23 MA's), (Start: 33 @34023 has 16 MA's), (34, 34035), (Start: 39 @34047 has 7 MA's), (Start: 46 @34083 has 90 MA's), (Start: 49 @34104 has 3 MA's), (67, 34278),

Gene: DoRead_48 Start: 34735, Stop: 35031, Start Num: 32
Candidate Starts for DoRead_48:
(4, 34579), (11, 34618), (Start: 25 @34672 has 4 MA's), (26, 34690), (Start: 30 @34720 has 1 MA's), (Start: 32 @34735 has 23 MA's), (Start: 33 @34738 has 16 MA's), (34, 34750), (Start: 39 @34762 has 7 MA's), (Start: 46 @34798 has 90 MA's), (Start: 49 @34819 has 3 MA's), (67, 34993),

Gene: Doomphist_46 Start: 35780, Stop: 36013, Start Num: 46
Candidate Starts for Doomphist_46:
(4, 35561), (11, 35600), (Start: 25 @35654 has 4 MA's), (26, 35672), (Start: 30 @35702 has 1 MA's), (Start: 32 @35717 has 23 MA's), (Start: 33 @35720 has 16 MA's), (Start: 39 @35744 has 7 MA's), (Start: 46 @35780 has 90 MA's), (Start: 49 @35801 has 3 MA's), (67, 35975),

Gene: Doomslug_54 Start: 34759, Stop: 34992, Start Num: 46
Candidate Starts for Doomslug_54:
(4, 34540), (11, 34579), (Start: 25 @34633 has 4 MA's), (26, 34651), (Start: 32 @34696 has 23 MA's), (Start: 33 @34699 has 16 MA's), (Start: 39 @34723 has 7 MA's), (Start: 46 @34759 has 90 MA's), (Start: 49 @34780 has 3 MA's),

Gene: Dorothy_43 Start: 34579, Stop: 34812, Start Num: 46
Candidate Starts for Dorothy_43:
(4, 34360), (11, 34399), (Start: 25 @34453 has 4 MA's), (26, 34471), (Start: 30 @34501 has 1 MA's), (Start: 32 @34516 has 23 MA's), (Start: 33 @34519 has 16 MA's), (Start: 39 @34543 has 7 MA's), (Start: 46 @34579 has 90 MA's), (Start: 49 @34600 has 3 MA's), (67, 34774),

Gene: Drago_45 Start: 34086, Stop: 34319, Start Num: 46
Candidate Starts for Drago_45:
(4, 33867), (11, 33906), (Start: 25 @33960 has 4 MA's), (26, 33978), (Start: 30 @34008 has 1 MA's), (Start: 32 @34023 has 23 MA's), (Start: 33 @34026 has 16 MA's), (34, 34038), (Start: 39 @34050 has 7 MA's), (Start: 46 @34086 has 90 MA's), (Start: 49 @34107 has 3 MA's), (67, 34281),

Gene: Eish_47 Start: 35127, Stop: 35360, Start Num: 46
Candidate Starts for Eish_47:
(4, 34908), (11, 34947), (Start: 25 @35001 has 4 MA's), (26, 35019), (Start: 30 @35049 has 1 MA's), (Start: 32 @35064 has 23 MA's), (Start: 33 @35067 has 16 MA's), (Start: 39 @35091 has 7 MA's), (Start: 46 @35127 has 90 MA's), (Start: 49 @35148 has 3 MA's), (67, 35322),

Gene: EleanorGeorge_44 Start: 34211, Stop: 34507, Start Num: 32
Candidate Starts for EleanorGeorge_44:
(4, 34055), (11, 34094), (Start: 25 @34148 has 4 MA's), (26, 34166), (Start: 32 @34211 has 23 MA's), (Start: 33 @34214 has 16 MA's), (Start: 39 @34238 has 7 MA's), (Start: 46 @34274 has 90 MA's), (Start: 49 @34295 has 3 MA's),

Gene: Emma_47 Start: 35303, Stop: 35536, Start Num: 46
Candidate Starts for Emma_47:
(4, 35084), (11, 35123), (Start: 25 @35177 has 4 MA's), (26, 35195), (Start: 32 @35240 has 23 MA's), (Start: 33 @35243 has 16 MA's), (Start: 39 @35267 has 7 MA's), (Start: 46 @35303 has 90 MA's), (Start: 49 @35324 has 3 MA's),

Gene: Empress_47 Start: 35720, Stop: 36079, Start Num: 25
Candidate Starts for Empress_47:
(6, 35642), (Start: 25 @35720 has 4 MA's), (26, 35738), (Start: 30 @35768 has 1 MA's), (Start: 32 @35783 has 23 MA's), (Start: 33 @35786 has 16 MA's), (Start: 39 @35810 has 7 MA's), (Start: 46 @35846 has 90 MA's), (Start: 49 @35867 has 3 MA's), (67, 36041),

Gene: Enby_48 Start: 34479, Stop: 34712, Start Num: 46
Candidate Starts for Enby_48:
(4, 34260), (11, 34299), (Start: 25 @34353 has 4 MA's), (26, 34371), (Start: 32 @34416 has 23 MA's), (Start: 33 @34419 has 16 MA's), (Start: 39 @34443 has 7 MA's), (Start: 46 @34479 has 90 MA's), (Start: 49 @34500 has 3 MA's),

Gene: Eradicator_38 Start: 32722, Stop: 32955, Start Num: 46
Candidate Starts for Eradicator_38:
(4, 32503), (11, 32542), (Start: 25 @32596 has 4 MA's), (26, 32614), (Start: 30 @32644 has 1 MA's), (Start: 32 @32659 has 23 MA's), (Start: 33 @32662 has 16 MA's), (Start: 39 @32686 has 7 MA's), (Start: 46 @32722 has 90 MA's), (Start: 49 @32743 has 3 MA's), (67, 32917),

Gene: Estave1_47 Start: 34529, Stop: 34762, Start Num: 46
Candidate Starts for Estave1_47:
(4, 34310), (11, 34349), (Start: 25 @34403 has 4 MA's), (26, 34421), (Start: 30 @34451 has 1 MA's), (Start: 32 @34466 has 23 MA's), (Start: 33 @34469 has 16 MA's), (Start: 39 @34493 has 7 MA's), (Start: 46 @34529 has 90 MA's), (Start: 49 @34550 has 3 MA's), (67, 34724),

Gene: Fastidio_48 Start: 34202, Stop: 34435, Start Num: 46
Candidate Starts for Fastidio_48:
(9, 34019), (13, 34043), (14, 34055), (Start: 25 @34076 has 4 MA's), (26, 34094), (Start: 30 @34124 has 1 MA's), (Start: 32 @34139 has 23 MA's), (Start: 33 @34142 has 16 MA's), (Start: 39 @34166 has 7 MA's), (Start: 46 @34202 has 90 MA's), (Start: 49 @34223 has 3 MA's), (67, 34397),

Gene: Filuzino_44 Start: 33961, Stop: 34194, Start Num: 46
Candidate Starts for Filuzino_44:
(4, 33742), (11, 33781), (Start: 25 @33835 has 4 MA's), (26, 33853), (Start: 32 @33898 has 23 MA's), (Start: 33 @33901 has 16 MA's), (Start: 39 @33925 has 7 MA's), (Start: 46 @33961 has 90 MA's), (Start: 49 @33982 has 3 MA's), (67, 34156),

Gene: Flathead_47 Start: 36172, Stop: 36468, Start Num: 32
Candidate Starts for Flathead_47:
(4, 36016), (11, 36055), (Start: 25 @36109 has 4 MA's), (26, 36127), (Start: 32 @36172 has 23 MA's), (Start: 33 @36175 has 16 MA's), (Start: 39 @36199 has 7 MA's), (Start: 46 @36235 has 90 MA's), (Start: 49 @36256 has 3 MA's),

Gene: FreddyB_47 Start: 34910, Stop: 35206, Start Num: 32
Candidate Starts for FreddyB_47:
(4, 34754), (11, 34793), (Start: 25 @34847 has 4 MA's), (26, 34865), (Start: 30 @34895 has 1 MA's), (Start: 32 @34910 has 23 MA's), (Start: 33 @34913 has 16 MA's), (34, 34925), (Start: 39 @34937 has 7 MA's), (Start: 46 @34973 has 90 MA's), (Start: 49 @34994 has 3 MA's), (67, 35168),

Gene: Fruitloop_45 Start: 35701, Stop: 36060, Start Num: 25
Candidate Starts for Fruitloop_45:
(4, 35608), (11, 35647), (Start: 25 @35701 has 4 MA's), (26, 35719), (Start: 32 @35764 has 23 MA's), (Start: 33 @35767 has 16 MA's), (Start: 39 @35791 has 7 MA's), (Start: 46 @35827 has 90 MA's), (Start: 49 @35848 has 3 MA's),

Gene: GMA1_35 Start: 26567, Stop: 26794, Start Num: 45
Candidate Starts for GMA1_35:
(45, 26567), (51, 26600), (55, 26660), (63, 26741), (64, 26747), (66, 26759),

Gene: Galactic_46 Start: 35414, Stop: 35647, Start Num: 46
Candidate Starts for Galactic_46:
(4, 35195), (11, 35234), (Start: 25 @35288 has 4 MA's), (26, 35306), (Start: 32 @35351 has 23 MA's), (Start: 33 @35354 has 16 MA's), (Start: 39 @35378 has 7 MA's), (Start: 46 @35414 has 90 MA's), (Start: 49 @35435 has 3 MA's),

Gene: Geralt_44 Start: 34400, Stop: 34633, Start Num: 46
Candidate Starts for Geralt_44:
(4, 34181), (11, 34220), (Start: 25 @34274 has 4 MA's), (26, 34292), (Start: 30 @34322 has 1 MA's), (Start: 32 @34337 has 23 MA's), (Start: 33 @34340 has 16 MA's), (Start: 39 @34364 has 7 MA's), (Start: 46 @34400 has 90 MA's), (Start: 49 @34421 has 3 MA's), (67, 34595),

Gene: Girr_47 Start: 35381, Stop: 35674, Start Num: 33
Candidate Starts for Girr_47:
(4, 35222), (11, 35261), (Start: 25 @35315 has 4 MA's), (26, 35333), (Start: 30 @35363 has 1 MA's), (Start: 32 @35378 has 23 MA's), (Start: 33 @35381 has 16 MA's), (Start: 39 @35405 has 7 MA's), (Start: 46 @35441 has 90 MA's), (Start: 49 @35462 has 3 MA's), (67, 35636),

Gene: Grimmer_54 Start: 36922, Stop: 37191, Start Num: 39
Candidate Starts for Grimmer_54:
(4, 36739), (11, 36778), (Start: 25 @36832 has 4 MA's), (26, 36850), (Start: 30 @36880 has 1 MA's), (Start: 32 @36895 has 23 MA's), (Start: 33 @36898 has 16 MA's), (Start: 39 @36922 has 7 MA's), (Start: 46 @36958 has 90 MA's), (Start: 49 @36979 has 3 MA's), (67, 37153),

Gene: Guppsters_47 Start: 35119, Stop: 35415, Start Num: 32
Candidate Starts for Guppsters_47:
(4, 34963), (11, 35002), (Start: 25 @35056 has 4 MA's), (26, 35074), (Start: 32 @35119 has 23 MA's), (Start: 33 @35122 has 16 MA's), (Start: 39 @35146 has 7 MA's), (Start: 46 @35182 has 90 MA's), (Start: 49 @35203 has 3 MA's), (67, 35377),

Gene: Hegedechwinu_45 Start: 33573, Stop: 33806, Start Num: 46
Candidate Starts for Hegedechwinu_45:
(4, 33354), (11, 33393), (Start: 25 @33447 has 4 MA's), (26, 33465), (Start: 30 @33495 has 1 MA's), (Start: 32 @33510 has 23 MA's), (Start: 33 @33513 has 16 MA's), (Start: 39 @33537 has 7 MA's), (Start: 46 @33573 has 90 MA's), (Start: 49 @33594 has 3 MA's), (67, 33768),

Gene: Hlubikazi_44 Start: 34359, Stop: 34652, Start Num: 33
Candidate Starts for Hlubikazi_44:
(4, 34200), (11, 34239), (Start: 25 @34293 has 4 MA's), (26, 34311), (Start: 32 @34356 has 23 MA's), (Start: 33 @34359 has 16 MA's), (Start: 39 @34383 has 7 MA's), (Start: 46 @34419 has 90 MA's), (Start: 49 @34440 has 3 MA's),

Gene: Holliday_55 Start: 37055, Stop: 37381, Start Num: 35
Candidate Starts for Holliday_55:
(Start: 35 @37055 has 1 MA's), (Start: 42 @37091 has 1 MA's), (57, 37217), (72, 37364), (73, 37373),

Gene: IMpilo_45 Start: 34358, Stop: 34591, Start Num: 46
Candidate Starts for IMpilo_45:
(4, 34139), (11, 34178), (Start: 25 @34232 has 4 MA's), (26, 34250), (Start: 32 @34295 has 23 MA's), (Start: 33 @34298 has 16 MA's), (Start: 39 @34322 has 7 MA's), (Start: 46 @34358 has 90 MA's), (Start: 49 @34379 has 3 MA's), (67, 34553),

Gene: Ibhubesi_47 Start: 35172, Stop: 35405, Start Num: 46
Candidate Starts for Ibhubesi_47:
(4, 34953), (11, 34992), (Start: 25 @35046 has 4 MA's), (26, 35064), (Start: 30 @35094 has 1 MA's), (Start: 32 @35109 has 23 MA's), (Start: 33 @35112 has 16 MA's), (Start: 39 @35136 has 7 MA's), (Start: 46 @35172 has 90 MA's), (Start: 49 @35193 has 3 MA's), (67, 35367),

Gene: Inventum_43 Start: 35113, Stop: 35346, Start Num: 46
Candidate Starts for Inventum_43:
(4, 34894), (11, 34933), (Start: 25 @34987 has 4 MA's), (26, 35005), (Start: 30 @35035 has 1 MA's), (Start: 32 @35050 has 23 MA's), (Start: 33 @35053 has 16 MA's), (Start: 39 @35077 has 7 MA's), (Start: 46 @35113 has 90 MA's), (Start: 49 @35134 has 3 MA's), (67, 35308),

Gene: Jant_51 Start: 36837, Stop: 37070, Start Num: 46
Candidate Starts for Jant_51:
(4, 36618), (11, 36657), (Start: 25 @36711 has 4 MA's), (26, 36729), (Start: 32 @36774 has 23 MA's), (Start: 33 @36777 has 16 MA's), (Start: 39 @36801 has 7 MA's), (Start: 46 @36837 has 90 MA's), (Start: 49 @36858 has 3 MA's), (67, 37032),

Gene: Jarcob_47 Start: 36093, Stop: 36326, Start Num: 46

Candidate Starts for Jarcob_47:
(4, 35874), (11, 35913), (Start: 25 @35967 has 4 MA's), (26, 35985), (Start: 30 @36015 has 1 MA's), (Start: 32 @36030 has 23 MA's), (Start: 33 @36033 has 16 MA's), (34, 36045), (Start: 39 @36057 has 7 MA's), (Start: 46 @36093 has 90 MA's), (Start: 49 @36114 has 3 MA's), (67, 36288),

Gene: Jinglebell_48 Start: 35910, Stop: 36203, Start Num: 33
Candidate Starts for Jinglebell_48:
(4, 35751), (11, 35790), (Start: 25 @35844 has 4 MA's), (26, 35862), (Start: 30 @35892 has 1 MA's), (Start: 32 @35907 has 23 MA's), (Start: 33 @35910 has 16 MA's), (Start: 39 @35934 has 7 MA's), (Start: 46 @35970 has 90 MA's), (Start: 49 @35991 has 3 MA's), (67, 36165),

Gene: Job42_47 Start: 36451, Stop: 36663, Start Num: 49
Candidate Starts for Job42_47:
(4, 36211), (11, 36250), (Start: 25 @36304 has 4 MA's), (26, 36322), (Start: 30 @36352 has 1 MA's), (Start: 32 @36367 has 23 MA's), (Start: 33 @36370 has 16 MA's), (Start: 39 @36394 has 7 MA's), (Start: 46 @36430 has 90 MA's), (Start: 49 @36451 has 3 MA's), (67, 36625),

Gene: JoeyJr_44 Start: 34600, Stop: 34833, Start Num: 46
Candidate Starts for JoeyJr_44:
(4, 34381), (11, 34420), (Start: 25 @34474 has 4 MA's), (26, 34492), (Start: 30 @34522 has 1 MA's), (Start: 32 @34537 has 23 MA's), (Start: 33 @34540 has 16 MA's), (Start: 39 @34564 has 7 MA's), (Start: 46 @34600 has 90 MA's), (Start: 49 @34621 has 3 MA's), (67, 34795),

Gene: Juice456_48 Start: 36175, Stop: 36408, Start Num: 46
Candidate Starts for Juice456_48:
(4, 35956), (11, 35995), (Start: 25 @36049 has 4 MA's), (26, 36067), (Start: 30 @36097 has 1 MA's), (Start: 32 @36112 has 23 MA's), (Start: 33 @36115 has 16 MA's), (Start: 39 @36139 has 7 MA's), (Start: 46 @36175 has 90 MA's), (Start: 49 @36196 has 3 MA's), (67, 36370),

Gene: Kenuha5_42 Start: 33808, Stop: 34041, Start Num: 46
Candidate Starts for Kenuha5_42:
(4, 33589), (11, 33628), (Start: 25 @33682 has 4 MA's), (26, 33700), (Start: 30 @33730 has 1 MA's), (Start: 32 @33745 has 23 MA's), (Start: 33 @33748 has 16 MA's), (Start: 39 @33772 has 7 MA's), (Start: 46 @33808 has 90 MA's), (Start: 49 @33829 has 3 MA's), (67, 34003),

Gene: Kersh_47 Start: 36476, Stop: 36709, Start Num: 46
Candidate Starts for Kersh_47:
(4, 36257), (11, 36296), (Start: 25 @36350 has 4 MA's), (26, 36368), (Start: 30 @36398 has 1 MA's), (Start: 32 @36413 has 23 MA's), (Start: 33 @36416 has 16 MA's), (Start: 39 @36440 has 7 MA's), (Start: 46 @36476 has 90 MA's), (Start: 49 @36497 has 3 MA's), (67, 36671),

Gene: KingJulian_45 Start: 35056, Stop: 35289, Start Num: 46
Candidate Starts for KingJulian_45:
(4, 34837), (11, 34876), (Start: 25 @34930 has 4 MA's), (26, 34948), (Start: 32 @34993 has 23 MA's), (Start: 33 @34996 has 16 MA's), (Start: 39 @35020 has 7 MA's), (Start: 46 @35056 has 90 MA's), (Start: 49 @35077 has 3 MA's),

Gene: KingMidas_48 Start: 36199, Stop: 36495, Start Num: 32
Candidate Starts for KingMidas_48:
(4, 36043), (11, 36082), (Start: 25 @36136 has 4 MA's), (26, 36154), (Start: 30 @36184 has 1 MA's), (Start: 32 @36199 has 23 MA's), (Start: 33 @36202 has 16 MA's), (Start: 39 @36226 has 7 MA's), (Start: 46 @36262 has 90 MA's), (Start: 49 @36283 has 3 MA's), (67, 36457),

Gene: Koella_41 Start: 32023, Stop: 32256, Start Num: 46
Candidate Starts for Koella_41:
(4, 31804), (11, 31843), (Start: 25 @31897 has 4 MA's), (26, 31915), (Start: 30 @31945 has 1 MA's), (Start: 32 @31960 has 23 MA's), (Start: 33 @31963 has 16 MA's), (34, 31975), (Start: 39 @31987 has 7 MA's), (Start: 46 @32023 has 90 MA's), (Start: 49 @32044 has 3 MA's), (67, 32218),

Gene: Krakatau_44 Start: 34871, Stop: 35167, Start Num: 32
Candidate Starts for Krakatau_44:
(4, 34715), (11, 34754), (Start: 25 @34808 has 4 MA's), (26, 34826), (Start: 30 @34856 has 1 MA's), (Start: 32 @34871 has 23 MA's), (Start: 33 @34874 has 16 MA's), (Start: 39 @34898 has 7 MA's), (Start: 46 @34934 has 90 MA's), (Start: 49 @34955 has 3 MA's), (67, 35129),

Gene: KristaRAM_46 Start: 36148, Stop: 36381, Start Num: 46
Candidate Starts for KristaRAM_46:
(6, 35944), (16, 35995), (31, 36079), (Start: 39 @36112 has 7 MA's), (Start: 46 @36148 has 90 MA's), (Start: 49 @36169 has 3 MA's),

Gene: Latretium_49 Start: 36052, Stop: 36285, Start Num: 46
Candidate Starts for Latretium_49:
(4, 35833), (11, 35872), (Start: 25 @35926 has 4 MA's), (26, 35944), (Start: 30 @35974 has 1 MA's), (Start: 32 @35989 has 23 MA's), (Start: 33 @35992 has 16 MA's), (Start: 39 @36016 has 7 MA's), (Start: 46 @36052 has 90 MA's), (Start: 49 @36073 has 3 MA's), (67, 36247),

Gene: Leozinho_46 Start: 34854, Stop: 35087, Start Num: 46
Candidate Starts for Leozinho_46:
(4, 34635), (11, 34674), (Start: 25 @34728 has 4 MA's), (26, 34746), (Start: 30 @34776 has 1 MA's), (Start: 32 @34791 has 23 MA's), (Start: 33 @34794 has 16 MA's), (Start: 39 @34818 has 7 MA's), (Start: 46 @34854 has 90 MA's), (Start: 49 @34875 has 3 MA's), (67, 35049),

Gene: Leperchaun_41 Start: 33830, Stop: 34063, Start Num: 46
Candidate Starts for Leperchaun_41:
(4, 33611), (11, 33650), (Start: 25 @33704 has 4 MA's), (26, 33722), (Start: 30 @33752 has 1 MA's), (Start: 32 @33767 has 23 MA's), (Start: 33 @33770 has 16 MA's), (Start: 39 @33794 has 7 MA's), (Start: 46 @33830 has 90 MA's), (Start: 49 @33851 has 3 MA's), (67, 34025),

Gene: LilMoolah_45 Start: 34706, Stop: 35065, Start Num: 25
Candidate Starts for LilMoolah_45:
(4, 34613), (11, 34652), (Start: 25 @34706 has 4 MA's), (26, 34724), (Start: 30 @34754 has 1 MA's), (Start: 32 @34769 has 23 MA's), (Start: 33 @34772 has 16 MA's), (Start: 39 @34796 has 7 MA's), (Start: 46 @34832 has 90 MA's), (Start: 49 @34853 has 3 MA's), (67, 35027),

Gene: LittleShirley_46 Start: 35863, Stop: 36096, Start Num: 46
Candidate Starts for LittleShirley_46:
(4, 35644), (11, 35683), (Start: 25 @35737 has 4 MA's), (26, 35755), (Start: 30 @35785 has 1 MA's), (Start: 32 @35800 has 23 MA's), (Start: 33 @35803 has 16 MA's), (Start: 39 @35827 has 7 MA's), (Start: 46 @35863 has 90 MA's), (Start: 49 @35884 has 3 MA's), (67, 36058),

Gene: Lizziana_53 Start: 37033, Stop: 37329, Start Num: 32
Candidate Starts for Lizziana_53:
(4, 36877), (11, 36916), (Start: 25 @36970 has 4 MA's), (26, 36988), (Start: 30 @37018 has 1 MA's), (Start: 32 @37033 has 23 MA's), (Start: 33 @37036 has 16 MA's), (34, 37048), (Start: 39 @37060 has 7 MA's), (Start: 46 @37096 has 90 MA's), (Start: 49 @37117 has 3 MA's), (67, 37291),

Gene: Llama_48 Start: 35890, Stop: 36201, Start Num: 30
Candidate Starts for Llama_48:
(4, 35749), (11, 35788), (Start: 25 @35842 has 4 MA's), (26, 35860), (Start: 30 @35890 has 1 MA's), (Start: 32 @35905 has 23 MA's), (Start: 33 @35908 has 16 MA's), (Start: 39 @35932 has 7 MA's), (Start: 46 @35968 has 90 MA's), (Start: 49 @35989 has 3 MA's), (67, 36163),

Gene: Llij_43 Start: 34261, Stop: 34473, Start Num: 49
Candidate Starts for Llij_43:
(4, 34021), (11, 34060), (Start: 25 @34114 has 4 MA's), (26, 34132), (Start: 30 @34162 has 1 MA's), (Start: 32 @34177 has 23 MA's), (Start: 33 @34180 has 16 MA's), (34, 34192), (Start: 39 @34204 has 7 MA's), (Start: 46 @34240 has 90 MA's), (Start: 49 @34261 has 3 MA's), (67, 34435),

Gene: Lorde_48 Start: 34454, Stop: 34687, Start Num: 46
Candidate Starts for Lorde_48:
(4, 34235), (11, 34274), (Start: 25 @34328 has 4 MA's), (26, 34346), (Start: 32 @34391 has 23 MA's), (Start: 33 @34394 has 16 MA's), (Start: 39 @34418 has 7 MA's), (Start: 46 @34454 has 90 MA's), (Start: 49 @34475 has 3 MA's),

Gene: Lton_38 Start: 28029, Stop: 28259, Start Num: 43
Candidate Starts for Lton_38:
(Start: 43 @28029 has 2 MA's), (52, 28071),

Gene: Lucia_45 Start: 34384, Stop: 34617, Start Num: 46
Candidate Starts for Lucia_45:
(4, 34165), (11, 34204), (Start: 25 @34258 has 4 MA's), (26, 34276), (Start: 30 @34306 has 1 MA's), (Start: 32 @34321 has 23 MA's), (Start: 33 @34324 has 16 MA's), (34, 34336), (Start: 39 @34348 has 7 MA's), (Start: 46 @34384 has 90 MA's), (Start: 49 @34405 has 3 MA's), (67, 34579),

Gene: LunaBlu_49 Start: 36010, Stop: 36306, Start Num: 32
Candidate Starts for LunaBlu_49:
(4, 35854), (11, 35893), (Start: 25 @35947 has 4 MA's), (26, 35965), (Start: 32 @36010 has 23 MA's), (Start: 33 @36013 has 16 MA's), (Start: 39 @36037 has 7 MA's), (Start: 46 @36073 has 90 MA's), (Start: 49 @36094 has 3 MA's),

Gene: MadMen_41 Start: 33880, Stop: 34113, Start Num: 46
Candidate Starts for MadMen_41:
(4, 33661), (11, 33700), (Start: 25 @33754 has 4 MA's), (26, 33772), (Start: 30 @33802 has 1 MA's), (Start: 32 @33817 has 23 MA's), (Start: 33 @33820 has 16 MA's), (Start: 39 @33844 has 7 MA's), (Start: 46 @33880 has 90 MA's), (Start: 49 @33901 has 3 MA's), (67, 34075),

Gene: Madeline_42 Start: 34926, Stop: 35168, Start Num: 41
Candidate Starts for Madeline_42:
(1, 34578), (10, 34677), (12, 34689), (17, 34728), (18, 34734), (19, 34740), (20, 34752), (37, 34899), (Start: 41 @34926 has 4 MA's), (Start: 43 @34935 has 2 MA's), (Start: 50 @34956 has 1 MA's), (59, 35082), (64, 35115), (69, 35157),

Gene: Madiba_42 Start: 33173, Stop: 33406, Start Num: 46
Candidate Starts for Madiba_42:
(4, 32954), (11, 32993), (Start: 25 @33047 has 4 MA's), (26, 33065), (Start: 30 @33095 has 1 MA's), (Start: 32 @33110 has 23 MA's), (Start: 33 @33113 has 16 MA's), (Start: 39 @33137 has 7 MA's), (Start: 46 @33173 has 90 MA's), (Start: 49 @33194 has 3 MA's), (67, 33368),

Gene: Mandlovu_44 Start: 34298, Stop: 34594, Start Num: 32

Candidate Starts for Mandlovu_44:
(4, 34142), (11, 34181), (Start: 25 @34235 has 4 MA's), (26, 34253), (Start: 32 @34298 has 23 MA's), (Start: 33 @34301 has 16 MA's), (Start: 39 @34325 has 7 MA's), (Start: 46 @34361 has 90 MA's), (Start: 49 @34382 has 3 MA's),

Gene: Marker_47 Start: 34699, Stop: 34968, Start Num: 39
Candidate Starts for Marker_47:
(4, 34516), (11, 34555), (Start: 25 @34609 has 4 MA's), (26, 34627), (Start: 30 @34657 has 1 MA's), (Start: 32 @34672 has 23 MA's), (Start: 33 @34675 has 16 MA's), (Start: 39 @34699 has 7 MA's), (Start: 46 @34735 has 90 MA's), (Start: 49 @34756 has 3 MA's), (67, 34930),

Gene: Martik_47 Start: 36049, Stop: 36282, Start Num: 46
Candidate Starts for Martik_47:
(4, 35830), (11, 35869), (Start: 25 @35923 has 4 MA's), (26, 35941), (Start: 30 @35971 has 1 MA's), (Start: 32 @35986 has 23 MA's), (Start: 33 @35989 has 16 MA's), (34, 36001), (Start: 39 @36013 has 7 MA's), (Start: 46 @36049 has 90 MA's), (Start: 49 @36070 has 3 MA's), (67, 36244),

Gene: Medindi_44 Start: 34117, Stop: 34350, Start Num: 46
Candidate Starts for Medindi_44:
(4, 33898), (11, 33937), (Start: 25 @33991 has 4 MA's), (26, 34009), (Start: 32 @34054 has 23 MA's), (Start: 33 @34057 has 16 MA's), (Start: 39 @34081 has 7 MA's), (Start: 46 @34117 has 90 MA's), (Start: 49 @34138 has 3 MA's), (67, 34312),

Gene: Melissauren88_45 Start: 35169, Stop: 35438, Start Num: 39
Candidate Starts for Melissauren88_45:
(4, 34986), (11, 35025), (Start: 25 @35079 has 4 MA's), (26, 35097), (Start: 32 @35142 has 23 MA's), (Start: 33 @35145 has 16 MA's), (Start: 39 @35169 has 7 MA's), (Start: 46 @35205 has 90 MA's), (Start: 49 @35226 has 3 MA's),

Gene: MilanaBonita_40 Start: 31759, Stop: 31992, Start Num: 46
Candidate Starts for MilanaBonita_40:
(4, 31540), (11, 31579), (Start: 25 @31633 has 4 MA's), (26, 31651), (Start: 32 @31696 has 23 MA's), (Start: 33 @31699 has 16 MA's), (Start: 39 @31723 has 7 MA's), (Start: 46 @31759 has 90 MA's), (Start: 49 @31780 has 3 MA's),

Gene: MinionDave_46 Start: 35679, Stop: 35975, Start Num: 32
Candidate Starts for MinionDave_46:
(4, 35523), (11, 35562), (Start: 25 @35616 has 4 MA's), (26, 35634), (Start: 30 @35664 has 1 MA's), (Start: 32 @35679 has 23 MA's), (Start: 33 @35682 has 16 MA's), (Start: 39 @35706 has 7 MA's), (Start: 46 @35742 has 90 MA's), (Start: 49 @35763 has 3 MA's),

Gene: Minnie_49 Start: 35911, Stop: 36144, Start Num: 46
Candidate Starts for Minnie_49:
(4, 35692), (11, 35731), (Start: 25 @35785 has 4 MA's), (26, 35803), (Start: 30 @35833 has 1 MA's), (Start: 32 @35848 has 23 MA's), (Start: 33 @35851 has 16 MA's), (Start: 39 @35875 has 7 MA's), (Start: 46 @35911 has 90 MA's), (Start: 49 @35932 has 3 MA's), (67, 36106),

Gene: MisterCuddles_46 Start: 35381, Stop: 35674, Start Num: 33
Candidate Starts for MisterCuddles_46:
(4, 35222), (11, 35261), (Start: 25 @35315 has 4 MA's), (26, 35333), (Start: 30 @35363 has 1 MA's), (Start: 32 @35378 has 23 MA's), (Start: 33 @35381 has 16 MA's), (Start: 39 @35405 has 7 MA's), (Start: 46 @35441 has 90 MA's), (Start: 49 @35462 has 3 MA's), (67, 35636),

Gene: Modragons_47 Start: 35814, Stop: 36047, Start Num: 46
Candidate Starts for Modragons_47:
(4, 35595), (11, 35634), (Start: 25 @35688 has 4 MA's), (26, 35706), (Start: 30 @35736 has 1 MA's), (Start: 32 @35751 has 23 MA's), (Start: 33 @35754 has 16 MA's), (Start: 39 @35778 has 7 MA's), (Start: 46 @35814 has 90 MA's), (Start: 49 @35835 has 3 MA's), (67, 36009),

Gene: Mova_47 Start: 34961, Stop: 35257, Start Num: 32
Candidate Starts for Mova_47:
(4, 34805), (11, 34844), (Start: 25 @34898 has 4 MA's), (26, 34916), (Start: 32 @34961 has 23 MA's), (Start: 33 @34964 has 16 MA's), (Start: 39 @34988 has 7 MA's), (Start: 46 @35024 has 90 MA's), (Start: 49 @35045 has 3 MA's), (67, 35219),

Gene: Mozy_55 Start: 37262, Stop: 37531, Start Num: 39
Candidate Starts for Mozy_55:
(4, 37079), (11, 37118), (Start: 25 @37172 has 4 MA's), (26, 37190), (Start: 30 @37220 has 1 MA's), (Start: 32 @37235 has 23 MA's), (Start: 33 @37238 has 16 MA's), (Start: 39 @37262 has 7 MA's), (Start: 46 @37298 has 90 MA's), (Start: 49 @37319 has 3 MA's), (67, 37493),

Gene: Ms6_40 Start: 30271, Stop: 30504, Start Num: 46
Candidate Starts for Ms6_40:
(4, 30052), (11, 30091), (Start: 25 @30145 has 4 MA's), (26, 30163), (Start: 32 @30208 has 23 MA's), (Start: 33 @30211 has 16 MA's), (Start: 39 @30235 has 7 MA's), (Start: 46 @30271 has 90 MA's), (Start: 49 @30292 has 3 MA's),

Gene: MulchSalad_42 Start: 32890, Stop: 33210, Start Num: 41
Candidate Starts for MulchSalad_42:
(2, 32542), (8, 32629), (23, 32770), (Start: 41 @32890 has 4 MA's), (53, 32965), (54, 32974), (61, 33052), (65, 33085), (66, 33091),

Gene: Murp_45 Start: 36357, Stop: 36602, Start Num: 40
Candidate Starts for Murp_45:
(24, 36249), (27, 36276), (34, 36333), (Start: 40 @36357 has 1 MA's), (60, 36525), (68, 36573),

Gene: Mwanjiwa_52 Start: 35818, Stop: 36051, Start Num: 46
Candidate Starts for Mwanjiwa_52:
(4, 35599), (11, 35638), (Start: 25 @35692 has 4 MA's), (26, 35710), (Start: 30 @35740 has 1 MA's), (Start: 32 @35755 has 23 MA's), (Start: 33 @35758 has 16 MA's), (Start: 39 @35782 has 7 MA's), (Start: 46 @35818 has 90 MA's), (Start: 49 @35839 has 3 MA's), (67, 36013),

Gene: Nimbo_43 Start: 34403, Stop: 34636, Start Num: 46
Candidate Starts for Nimbo_43:
(4, 34184), (11, 34223), (Start: 25 @34277 has 4 MA's), (26, 34295), (Start: 30 @34325 has 1 MA's), (Start: 32 @34340 has 23 MA's), (Start: 33 @34343 has 16 MA's), (Start: 39 @34367 has 7 MA's), (Start: 46 @34403 has 90 MA's), (Start: 49 @34424 has 3 MA's), (67, 34598),

Gene: Nitzel_42 Start: 34508, Stop: 34741, Start Num: 46
Candidate Starts for Nitzel_42:
(4, 34289), (11, 34328), (Start: 25 @34382 has 4 MA's), (26, 34400), (Start: 30 @34430 has 1 MA's), (Start: 32 @34445 has 23 MA's), (Start: 33 @34448 has 16 MA's), (Start: 39 @34472 has 7 MA's), (Start: 46 @34508 has 90 MA's), (Start: 49 @34529 has 3 MA's), (67, 34703),

Gene: NormanBulbieJr_48 Start: 36036, Stop: 36269, Start Num: 46
Candidate Starts for NormanBulbieJr_48:

(4, 35817), (11, 35856), (Start: 25 @35910 has 4 MA's), (26, 35928), (Start: 30 @35958 has 1 MA's), (Start: 32 @35973 has 23 MA's), (Start: 33 @35976 has 16 MA's), (34, 35988), (Start: 39 @36000 has 7 MA's), (Start: 46 @36036 has 90 MA's), (Start: 49 @36057 has 3 MA's), (67, 36231),

Gene: Ochi17_46 Start: 35421, Stop: 35654, Start Num: 46
Candidate Starts for Ochi17_46:
(4, 35202), (11, 35241), (Start: 25 @35295 has 4 MA's), (26, 35313), (Start: 30 @35343 has 1 MA's), (Start: 32 @35358 has 23 MA's), (Start: 33 @35361 has 16 MA's), (Start: 39 @35385 has 7 MA's), (Start: 46 @35421 has 90 MA's), (Start: 49 @35442 has 3 MA's), (67, 35616),

Gene: OfUltron_48 Start: 35910, Stop: 36203, Start Num: 33
Candidate Starts for OfUltron_48:
(4, 35751), (11, 35790), (Start: 25 @35844 has 4 MA's), (26, 35862), (Start: 30 @35892 has 1 MA's), (Start: 32 @35907 has 23 MA's), (Start: 33 @35910 has 16 MA's), (Start: 39 @35934 has 7 MA's), (Start: 46 @35970 has 90 MA's), (Start: 49 @35991 has 3 MA's), (67, 36165),

Gene: Ogopogo_47 Start: 34293, Stop: 34589, Start Num: 32
Candidate Starts for Ogopogo_47:
(4, 34137), (11, 34176), (Start: 25 @34230 has 4 MA's), (26, 34248), (Start: 32 @34293 has 23 MA's), (Start: 33 @34296 has 16 MA's), (Start: 39 @34320 has 7 MA's), (Start: 46 @34356 has 90 MA's), (Start: 49 @34377 has 3 MA's), (67, 34551),

Gene: Ohgeesy_45 Start: 35721, Stop: 35963, Start Num: 41
Candidate Starts for Ohgeesy_45:
(1, 35373), (10, 35472), (12, 35484), (17, 35523), (18, 35529), (19, 35535), (20, 35547), (29, 35655), (37, 35694), (Start: 41 @35721 has 4 MA's), (Start: 43 @35730 has 2 MA's), (Start: 50 @35751 has 1 MA's), (59, 35877), (64, 35910), (69, 35952),

Gene: Okabe_42 Start: 30698, Stop: 30931, Start Num: 46
Candidate Starts for Okabe_42:
(4, 30479), (11, 30518), (Start: 25 @30572 has 4 MA's), (26, 30590), (Start: 32 @30635 has 23 MA's), (Start: 33 @30638 has 16 MA's), (Start: 39 @30662 has 7 MA's), (Start: 46 @30698 has 90 MA's), (Start: 49 @30719 has 3 MA's),

Gene: OlympiaSaint_46 Start: 34816, Stop: 35112, Start Num: 32
Candidate Starts for OlympiaSaint_46:
(4, 34660), (11, 34699), (Start: 25 @34753 has 4 MA's), (26, 34771), (Start: 30 @34801 has 1 MA's), (Start: 32 @34816 has 23 MA's), (Start: 33 @34819 has 16 MA's), (Start: 39 @34843 has 7 MA's), (Start: 46 @34879 has 90 MA's), (Start: 49 @34900 has 3 MA's), (67, 35074),

Gene: Ovechkin_44 Start: 35523, Stop: 35819, Start Num: 32
Candidate Starts for Ovechkin_44:
(4, 35367), (11, 35406), (Start: 25 @35460 has 4 MA's), (26, 35478), (Start: 32 @35523 has 23 MA's), (Start: 33 @35526 has 16 MA's), (Start: 39 @35550 has 7 MA's), (Start: 46 @35586 has 90 MA's), (Start: 49 @35607 has 3 MA's),

Gene: PHappiness_44 Start: 34376, Stop: 34609, Start Num: 46
Candidate Starts for PHappiness_44:
(4, 34157), (11, 34196), (Start: 25 @34250 has 4 MA's), (26, 34268), (Start: 30 @34298 has 1 MA's), (Start: 32 @34313 has 23 MA's), (Start: 33 @34316 has 16 MA's), (Start: 39 @34340 has 7 MA's), (Start: 46 @34376 has 90 MA's), (Start: 49 @34397 has 3 MA's), (67, 34571),

Gene: PMC_41 Start: 34272, Stop: 34484, Start Num: 49

Candidate Starts for PMC_41:
(4, 34032), (11, 34071), (Start: 25 @34125 has 4 MA's), (26, 34143), (Start: 30 @34173 has 1 MA's), (Start: 32 @34188 has 23 MA's), (Start: 33 @34191 has 16 MA's), (Start: 39 @34215 has 7 MA's), (Start: 46 @34251 has 90 MA's), (Start: 49 @34272 has 3 MA's), (67, 34446),

Gene: Pacc40_43 Start: 34450, Stop: 34683, Start Num: 46
Candidate Starts for Pacc40_43:
(4, 34231), (11, 34270), (Start: 25 @34324 has 4 MA's), (26, 34342), (Start: 30 @34372 has 1 MA's), (Start: 32 @34387 has 23 MA's), (Start: 33 @34390 has 16 MA's), (Start: 39 @34414 has 7 MA's), (Start: 46 @34450 has 90 MA's), (Start: 49 @34471 has 3 MA's), (67, 34645),

Gene: PatoPoderoso_44 Start: 35056, Stop: 35289, Start Num: 46
Candidate Starts for PatoPoderoso_44:
(4, 34837), (11, 34876), (Start: 25 @34930 has 4 MA's), (26, 34948), (Start: 32 @34993 has 23 MA's), (Start: 33 @34996 has 16 MA's), (Start: 39 @35020 has 7 MA's), (Start: 46 @35056 has 90 MA's), (Start: 49 @35077 has 3 MA's),

Gene: Peridot_47 Start: 36008, Stop: 36301, Start Num: 33
Candidate Starts for Peridot_47:
(4, 35849), (11, 35888), (Start: 25 @35942 has 4 MA's), (26, 35960), (Start: 30 @35990 has 1 MA's), (Start: 32 @36005 has 23 MA's), (Start: 33 @36008 has 16 MA's), (Start: 39 @36032 has 7 MA's), (Start: 46 @36068 has 90 MA's), (Start: 49 @36089 has 3 MA's), (67, 36263),

Gene: Phalconet_45 Start: 34583, Stop: 34816, Start Num: 46
Candidate Starts for Phalconet_45:
(4, 34364), (11, 34403), (Start: 25 @34457 has 4 MA's), (26, 34475), (Start: 32 @34520 has 23 MA's), (Start: 33 @34523 has 16 MA's), (Start: 39 @34547 has 7 MA's), (Start: 46 @34583 has 90 MA's), (Start: 49 @34604 has 3 MA's),

Gene: Phasih_44 Start: 34795, Stop: 35028, Start Num: 46
Candidate Starts for Phasih_44:
(4, 34576), (11, 34615), (Start: 25 @34669 has 4 MA's), (26, 34687), (Start: 30 @34717 has 1 MA's), (Start: 32 @34732 has 23 MA's), (Start: 33 @34735 has 16 MA's), (Start: 39 @34759 has 7 MA's), (Start: 46 @34795 has 90 MA's), (Start: 49 @34816 has 3 MA's), (67, 34990),

Gene: Phatniss_44 Start: 34757, Stop: 34990, Start Num: 46
Candidate Starts for Phatniss_44:
(4, 34538), (11, 34577), (Start: 25 @34631 has 4 MA's), (26, 34649), (Start: 30 @34679 has 1 MA's), (Start: 32 @34694 has 23 MA's), (Start: 33 @34697 has 16 MA's), (34, 34709), (Start: 39 @34721 has 7 MA's), (Start: 46 @34757 has 90 MA's), (Start: 49 @34778 has 3 MA's), (67, 34952),

Gene: PhesterPhotato_48 Start: 35478, Stop: 35771, Start Num: 33
Candidate Starts for PhesterPhotato_48:
(4, 35319), (11, 35358), (Start: 25 @35412 has 4 MA's), (26, 35430), (Start: 32 @35475 has 23 MA's), (Start: 33 @35478 has 16 MA's), (Start: 39 @35502 has 7 MA's), (Start: 46 @35538 has 90 MA's), (Start: 49 @35559 has 3 MA's),

Gene: Plumbus_46 Start: 34503, Stop: 34736, Start Num: 46
Candidate Starts for Plumbus_46:
(4, 34284), (11, 34323), (Start: 25 @34377 has 4 MA's), (26, 34395), (Start: 30 @34425 has 1 MA's), (Start: 32 @34440 has 23 MA's), (Start: 33 @34443 has 16 MA's), (Start: 39 @34467 has 7 MA's), (Start: 46 @34503 has 90 MA's), (Start: 49 @34524 has 3 MA's), (67, 34698),

Gene: Poenanya_46 Start: 35717, Stop: 36013, Start Num: 32
Candidate Starts for Poenanya_46:
(4, 35561), (11, 35600), (Start: 25 @35654 has 4 MA's), (26, 35672), (Start: 30 @35702 has 1 MA's), (Start: 32 @35717 has 23 MA's), (Start: 33 @35720 has 16 MA's), (Start: 39 @35744 has 7 MA's), (Start: 46 @35780 has 90 MA's), (Start: 49 @35801 has 3 MA's), (67, 35975),

Gene: Polka14_45 Start: 35053, Stop: 35286, Start Num: 46
Candidate Starts for Polka14_45:
(4, 34834), (11, 34873), (Start: 25 @34927 has 4 MA's), (26, 34945), (Start: 30 @34975 has 1 MA's), (Start: 32 @34990 has 23 MA's), (Start: 33 @34993 has 16 MA's), (Start: 39 @35017 has 7 MA's), (Start: 46 @35053 has 90 MA's), (Start: 49 @35074 has 3 MA's), (67, 35248),

Gene: Pollywog_45 Start: 34958, Stop: 35191, Start Num: 46
Candidate Starts for Pollywog_45:
(4, 34739), (11, 34778), (Start: 25 @34832 has 4 MA's), (26, 34850), (Start: 30 @34880 has 1 MA's), (Start: 32 @34895 has 23 MA's), (Start: 33 @34898 has 16 MA's), (Start: 39 @34922 has 7 MA's), (Start: 46 @34958 has 90 MA's), (Start: 49 @34979 has 3 MA's), (67, 35153),

Gene: PopTart_42 Start: 34263, Stop: 34496, Start Num: 46
Candidate Starts for PopTart_42:
(4, 34044), (11, 34083), (Start: 25 @34137 has 4 MA's), (26, 34155), (Start: 30 @34185 has 1 MA's), (Start: 32 @34200 has 23 MA's), (Start: 33 @34203 has 16 MA's), (Start: 39 @34227 has 7 MA's), (Start: 46 @34263 has 90 MA's), (Start: 49 @34284 has 3 MA's), (67, 34458),

Gene: Priscilla_47 Start: 36135, Stop: 36368, Start Num: 46
Candidate Starts for Priscilla_47:
(4, 35916), (11, 35955), (Start: 25 @36009 has 4 MA's), (26, 36027), (Start: 30 @36057 has 1 MA's), (Start: 32 @36072 has 23 MA's), (Start: 33 @36075 has 16 MA's), (34, 36087), (Start: 39 @36099 has 7 MA's), (Start: 46 @36135 has 90 MA's), (Start: 49 @36156 has 3 MA's), (67, 36330),

Gene: RedBird_43 Start: 34531, Stop: 34824, Start Num: 33
Candidate Starts for RedBird_43:
(4, 34372), (11, 34411), (Start: 25 @34465 has 4 MA's), (26, 34483), (Start: 30 @34513 has 1 MA's), (Start: 32 @34528 has 23 MA's), (Start: 33 @34531 has 16 MA's), (Start: 39 @34555 has 7 MA's), (Start: 46 @34591 has 90 MA's), (Start: 49 @34612 has 3 MA's), (67, 34786),

Gene: Renaud18_49 Start: 35266, Stop: 35568, Start Num: 39
Candidate Starts for Renaud18_49:
(4, 35083), (11, 35122), (Start: 25 @35176 has 4 MA's), (26, 35194), (Start: 30 @35224 has 1 MA's), (Start: 32 @35239 has 23 MA's), (Start: 33 @35242 has 16 MA's), (Start: 39 @35266 has 7 MA's), (Start: 46 @35302 has 90 MA's), (Start: 49 @35323 has 3 MA's), (67, 35497),

Gene: Rita_47 Start: 34544, Stop: 34840, Start Num: 32
Candidate Starts for Rita_47:
(4, 34388), (11, 34427), (Start: 25 @34481 has 4 MA's), (26, 34499), (Start: 30 @34529 has 1 MA's), (Start: 32 @34544 has 23 MA's), (Start: 33 @34547 has 16 MA's), (Start: 39 @34571 has 7 MA's), (Start: 46 @34607 has 90 MA's), (Start: 49 @34628 has 3 MA's), (67, 34802),

Gene: RitaG_44 Start: 34721, Stop: 34954, Start Num: 46
Candidate Starts for RitaG_44:
(4, 34502), (11, 34541), (Start: 25 @34595 has 4 MA's), (26, 34613), (Start: 30 @34643 has 1 MA's), (Start: 32 @34658 has 23 MA's), (Start: 33 @34661 has 16 MA's), (Start: 39 @34685 has 7 MA's), (Start: 46 @34721 has 90 MA's), (Start: 49 @34742 has 3 MA's), (67, 34916),

Gene: Rockne_44 Start: 34251, Stop: 34484, Start Num: 46
Candidate Starts for Rockne_44:
(4, 34032), (11, 34071), (Start: 25 @34125 has 4 MA's), (26, 34143), (Start: 30 @34173 has 1 MA's), (Start: 32 @34188 has 23 MA's), (Start: 33 @34191 has 16 MA's), (Start: 39 @34215 has 7 MA's), (Start: 46 @34251 has 90 MA's), (Start: 49 @34272 has 3 MA's), (67, 34446),

Gene: RockyHorror_47 Start: 34653, Stop: 34886, Start Num: 46
Candidate Starts for RockyHorror_47:
(4, 34434), (11, 34473), (Start: 25 @34527 has 4 MA's), (26, 34545), (Start: 30 @34575 has 1 MA's), (Start: 32 @34590 has 23 MA's), (Start: 33 @34593 has 16 MA's), (Start: 39 @34617 has 7 MA's), (Start: 46 @34653 has 90 MA's), (Start: 49 @34674 has 3 MA's), (67, 34848),

Gene: Ruby_45 Start: 35442, Stop: 35675, Start Num: 46
Candidate Starts for Ruby_45:
(6, 35238), (Start: 25 @35316 has 4 MA's), (26, 35334), (Start: 30 @35364 has 1 MA's), (Start: 32 @35379 has 23 MA's), (Start: 33 @35382 has 16 MA's), (Start: 39 @35406 has 7 MA's), (Start: 46 @35442 has 90 MA's), (Start: 49 @35463 has 3 MA's), (67, 35637),

Gene: SG4_45 Start: 34904, Stop: 35197, Start Num: 33
Candidate Starts for SG4_45:
(4, 34745), (11, 34784), (Start: 25 @34838 has 4 MA's), (26, 34856), (Start: 32 @34901 has 23 MA's), (Start: 33 @34904 has 16 MA's), (Start: 39 @34928 has 7 MA's), (Start: 46 @34964 has 90 MA's), (Start: 49 @34985 has 3 MA's),

Gene: Sassafras_46 Start: 35052, Stop: 35345, Start Num: 33
Candidate Starts for Sassafras_46:
(4, 34893), (11, 34932), (Start: 25 @34986 has 4 MA's), (26, 35004), (Start: 30 @35034 has 1 MA's), (Start: 32 @35049 has 23 MA's), (Start: 33 @35052 has 16 MA's), (Start: 39 @35076 has 7 MA's), (Start: 46 @35112 has 90 MA's), (Start: 49 @35133 has 3 MA's), (67, 35307),

Gene: SassyB_42 Start: 34263, Stop: 34496, Start Num: 46
Candidate Starts for SassyB_42:
(4, 34044), (11, 34083), (Start: 25 @34137 has 4 MA's), (26, 34155), (Start: 30 @34185 has 1 MA's), (Start: 32 @34200 has 23 MA's), (Start: 33 @34203 has 16 MA's), (Start: 39 @34227 has 7 MA's), (Start: 46 @34263 has 90 MA's), (Start: 49 @34284 has 3 MA's), (67, 34458),

Gene: Scottish_47 Start: 35673, Stop: 35966, Start Num: 33
Candidate Starts for Scottish_47:
(4, 35514), (11, 35553), (Start: 25 @35607 has 4 MA's), (26, 35625), (Start: 30 @35655 has 1 MA's), (Start: 32 @35670 has 23 MA's), (Start: 33 @35673 has 16 MA's), (Start: 39 @35697 has 7 MA's), (Start: 46 @35733 has 90 MA's), (Start: 49 @35754 has 3 MA's), (67, 35928),

Gene: Seabastian_48 Start: 35910, Stop: 36203, Start Num: 33
Candidate Starts for Seabastian_48:
(4, 35751), (11, 35790), (Start: 25 @35844 has 4 MA's), (26, 35862), (Start: 30 @35892 has 1 MA's), (Start: 32 @35907 has 23 MA's), (Start: 33 @35910 has 16 MA's), (Start: 39 @35934 has 7 MA's), (Start: 46 @35970 has 90 MA's), (Start: 49 @35991 has 3 MA's), (67, 36165),

Gene: Seagreen_47 Start: 34933, Stop: 35229, Start Num: 32
Candidate Starts for Seagreen_47:
(4, 34777), (11, 34816), (Start: 25 @34870 has 4 MA's), (26, 34888), (Start: 30 @34918 has 1 MA's), (Start: 32 @34933 has 23 MA's), (Start: 33 @34936 has 16 MA's), (Start: 39 @34960 has 7 MA's),

(Start: 46 @34996 has 90 MA's), (Start: 49 @35017 has 3 MA's), (67, 35191),

Gene: Shauna1_41 Start: 33682, Stop: 33951, Start Num: 39
Candidate Starts for Shauna1_41:
(4, 33499), (11, 33538), (Start: 25 @33592 has 4 MA's), (26, 33610), (Start: 30 @33640 has 1 MA's), (Start: 32 @33655 has 23 MA's), (Start: 33 @33658 has 16 MA's), (Start: 39 @33682 has 7 MA's), (Start: 46 @33718 has 90 MA's), (Start: 49 @33739 has 3 MA's), (67, 33913),

Gene: ShiLan_47 Start: 36082, Stop: 36315, Start Num: 46
Candidate Starts for ShiLan_47:
(4, 35863), (11, 35902), (Start: 25 @35956 has 4 MA's), (26, 35974), (Start: 30 @36004 has 1 MA's), (Start: 32 @36019 has 23 MA's), (Start: 33 @36022 has 16 MA's), (34, 36034), (Start: 39 @36046 has 7 MA's), (Start: 46 @36082 has 90 MA's), (Start: 49 @36103 has 3 MA's), (67, 36277),

Gene: ShowerHandel_49 Start: 36049, Stop: 36282, Start Num: 46
Candidate Starts for ShowerHandel_49:
(4, 35830), (11, 35869), (Start: 25 @35923 has 4 MA's), (26, 35941), (Start: 30 @35971 has 1 MA's), (Start: 32 @35986 has 23 MA's), (Start: 33 @35989 has 16 MA's), (34, 36001), (Start: 39 @36013 has 7 MA's), (Start: 46 @36049 has 90 MA's), (Start: 49 @36070 has 3 MA's), (67, 36244),

Gene: ShroomBoi_46 Start: 34856, Stop: 35152, Start Num: 32
Candidate Starts for ShroomBoi_46:
(4, 34700), (11, 34739), (Start: 25 @34793 has 4 MA's), (26, 34811), (Start: 32 @34856 has 23 MA's), (Start: 33 @34859 has 16 MA's), (Start: 39 @34883 has 7 MA's), (Start: 46 @34919 has 90 MA's), (Start: 49 @34940 has 3 MA's),

Gene: SilverChicken_56 Start: 35494, Stop: 35727, Start Num: 46
Candidate Starts for SilverChicken_56:
(4, 35275), (11, 35314), (Start: 25 @35368 has 4 MA's), (26, 35386), (Start: 32 @35431 has 23 MA's), (Start: 33 @35434 has 16 MA's), (38, 35455), (Start: 39 @35458 has 7 MA's), (Start: 46 @35494 has 90 MA's), (Start: 49 @35515 has 3 MA's),

Gene: SimranZ1_46 Start: 34262, Stop: 34495, Start Num: 46
Candidate Starts for SimranZ1_46:
(4, 34043), (11, 34082), (Start: 25 @34136 has 4 MA's), (26, 34154), (Start: 30 @34184 has 1 MA's), (Start: 32 @34199 has 23 MA's), (Start: 33 @34202 has 16 MA's), (Start: 39 @34226 has 7 MA's), (Start: 46 @34262 has 90 MA's), (Start: 49 @34283 has 3 MA's), (67, 34457),

Gene: Sparkdehlily_49 Start: 35653, Stop: 35886, Start Num: 46
Candidate Starts for Sparkdehlily_49:
(4, 35434), (11, 35473), (Start: 25 @35527 has 4 MA's), (26, 35545), (Start: 30 @35575 has 1 MA's), (Start: 32 @35590 has 23 MA's), (Start: 33 @35593 has 16 MA's), (Start: 39 @35617 has 7 MA's), (Start: 46 @35653 has 90 MA's), (Start: 49 @35674 has 3 MA's), (67, 35848),

Gene: Spoonbill_46 Start: 34675, Stop: 34908, Start Num: 46
Candidate Starts for Spoonbill_46:
(4, 34456), (11, 34495), (Start: 25 @34549 has 4 MA's), (26, 34567), (Start: 30 @34597 has 1 MA's), (Start: 32 @34612 has 23 MA's), (Start: 33 @34615 has 16 MA's), (Start: 39 @34639 has 7 MA's), (Start: 46 @34675 has 90 MA's), (Start: 49 @34696 has 3 MA's), (67, 34870),

Gene: Squiddly_50 Start: 36456, Stop: 36761, Start Num: 41
Candidate Starts for Squiddly_50:
(Start: 41 @36456 has 4 MA's), (44, 36462), (62, 36633), (65, 36651), (70, 36699), (71, 36726),

Gene: StAnnes_46 Start: 36183, Stop: 36416, Start Num: 46
Candidate Starts for StAnnes_46:
(4, 35964), (11, 36003), (Start: 25 @36057 has 4 MA's), (26, 36075), (Start: 32 @36120 has 23 MA's), (Start: 33 @36123 has 16 MA's), (Start: 39 @36147 has 7 MA's), (Start: 46 @36183 has 90 MA's), (Start: 49 @36204 has 3 MA's), (67, 36378),

Gene: Stap_45 Start: 34553, Stop: 34786, Start Num: 46
Candidate Starts for Stap_45:
(4, 34334), (11, 34373), (Start: 25 @34427 has 4 MA's), (26, 34445), (Start: 30 @34475 has 1 MA's), (Start: 32 @34490 has 23 MA's), (Start: 33 @34493 has 16 MA's), (Start: 39 @34517 has 7 MA's), (Start: 46 @34553 has 90 MA's), (Start: 49 @34574 has 3 MA's), (67, 34748),

Gene: Strokeseat_45 Start: 34358, Stop: 34651, Start Num: 33
Candidate Starts for Strokeseat_45:
(4, 34199), (11, 34238), (Start: 25 @34292 has 4 MA's), (26, 34310), (Start: 32 @34355 has 23 MA's), (Start: 33 @34358 has 16 MA's), (Start: 39 @34382 has 7 MA's), (Start: 46 @34418 has 90 MA's), (Start: 49 @34439 has 3 MA's),

Gene: Stuck_48 Start: 38250, Stop: 38465, Start Num: 48
Candidate Starts for Stuck_48:
(28, 38133), (36, 38193), (Start: 41 @38220 has 4 MA's), (Start: 43 @38229 has 2 MA's), (Start: 48 @38250 has 1 MA's), (56, 38343), (58, 38373), (60, 38385),

Gene: SuperGrey_47 Start: 35887, Stop: 36120, Start Num: 46
Candidate Starts for SuperGrey_47:
(4, 35668), (11, 35707), (Start: 25 @35761 has 4 MA's), (26, 35779), (Start: 32 @35824 has 23 MA's), (Start: 33 @35827 has 16 MA's), (Start: 39 @35851 has 7 MA's), (Start: 46 @35887 has 90 MA's), (Start: 49 @35908 has 3 MA's),

Gene: TDanisky_49 Start: 35590, Stop: 35886, Start Num: 32
Candidate Starts for TDanisky_49:
(4, 35434), (11, 35473), (Start: 25 @35527 has 4 MA's), (26, 35545), (Start: 30 @35575 has 1 MA's), (Start: 32 @35590 has 23 MA's), (Start: 33 @35593 has 16 MA's), (Start: 39 @35617 has 7 MA's), (Start: 46 @35653 has 90 MA's), (Start: 49 @35674 has 3 MA's), (67, 35848),

Gene: Taj_48 Start: 35222, Stop: 35455, Start Num: 46
Candidate Starts for Taj_48:
(4, 35003), (11, 35042), (Start: 25 @35096 has 4 MA's), (26, 35114), (Start: 30 @35144 has 1 MA's), (Start: 32 @35159 has 23 MA's), (Start: 33 @35162 has 16 MA's), (Start: 39 @35186 has 7 MA's), (Start: 46 @35222 has 90 MA's), (Start: 49 @35243 has 3 MA's), (67, 35417),

Gene: Tchotchke_48 Start: 34552, Stop: 34785, Start Num: 46
Candidate Starts for Tchotchke_48:
(4, 34333), (11, 34372), (Start: 25 @34426 has 4 MA's), (26, 34444), (Start: 30 @34474 has 1 MA's), (Start: 32 @34489 has 23 MA's), (Start: 33 @34492 has 16 MA's), (Start: 39 @34516 has 7 MA's), (Start: 46 @34552 has 90 MA's), (Start: 49 @34573 has 3 MA's), (67, 34747),

Gene: ThulaThula_37 Start: 31168, Stop: 31404, Start Num: 43
Candidate Starts for ThulaThula_37:
(Start: 43 @31168 has 2 MA's), (56, 31282), (60, 31324),

Gene: TinyDot_34 Start: 27443, Stop: 27673, Start Num: 47

Candidate Starts for TinyDot_34:
(Start: 25 @27314 has 4 MA's), (Start: 47 @27443 has 1 MA's), (51, 27473), (55, 27533), (60, 27590), (65, 27626), (66, 27632),

Gene: Tootsieroll_48 Start: 34843, Stop: 35076, Start Num: 46
Candidate Starts for Tootsieroll_48:
(4, 34624), (11, 34663), (Start: 25 @34717 has 4 MA's), (26, 34735), (Start: 30 @34765 has 1 MA's), (Start: 32 @34780 has 23 MA's), (Start: 33 @34783 has 16 MA's), (Start: 39 @34807 has 7 MA's), (Start: 46 @34843 has 90 MA's), (Start: 49 @34864 has 3 MA's), (67, 35038),

Gene: Topiatin_51 Start: 36321, Stop: 36554, Start Num: 46
Candidate Starts for Topiatin_51:
(4, 36102), (11, 36141), (Start: 25 @36195 has 4 MA's), (26, 36213), (Start: 30 @36243 has 1 MA's), (Start: 32 @36258 has 23 MA's), (Start: 33 @36261 has 16 MA's), (Start: 39 @36285 has 7 MA's), (Start: 46 @36321 has 90 MA's), (Start: 49 @36342 has 3 MA's), (67, 36516),

Gene: UncleRicky_46 Start: 35523, Stop: 35816, Start Num: 33
Candidate Starts for UncleRicky_46:
(4, 35364), (11, 35403), (Start: 25 @35457 has 4 MA's), (26, 35475), (Start: 30 @35505 has 1 MA's), (Start: 32 @35520 has 23 MA's), (Start: 33 @35523 has 16 MA's), (34, 35535), (Start: 39 @35547 has 7 MA's), (Start: 46 @35583 has 90 MA's), (Start: 49 @35604 has 3 MA's), (67, 35778),

Gene: VRedHorse_47 Start: 35369, Stop: 35662, Start Num: 33
Candidate Starts for VRedHorse_47:
(4, 35210), (11, 35249), (Start: 25 @35303 has 4 MA's), (26, 35321), (Start: 32 @35366 has 23 MA's), (Start: 33 @35369 has 16 MA's), (Start: 39 @35393 has 7 MA's), (Start: 46 @35429 has 90 MA's), (Start: 49 @35450 has 3 MA's),

Gene: Whouxphf_45 Start: 34756, Stop: 34989, Start Num: 46
Candidate Starts for Whouxphf_45:
(4, 34537), (11, 34576), (Start: 25 @34630 has 4 MA's), (26, 34648), (Start: 30 @34678 has 1 MA's), (Start: 32 @34693 has 23 MA's), (Start: 33 @34696 has 16 MA's), (Start: 39 @34720 has 7 MA's), (Start: 46 @34756 has 90 MA's), (Start: 49 @34777 has 3 MA's), (67, 34951),

Gene: XFactor_45 Start: 34913, Stop: 35146, Start Num: 46
Candidate Starts for XFactor_45:
(4, 34694), (11, 34733), (Start: 25 @34787 has 4 MA's), (26, 34805), (Start: 32 @34850 has 23 MA's), (Start: 33 @34853 has 16 MA's), (Start: 39 @34877 has 7 MA's), (Start: 46 @34913 has 90 MA's), (Start: 49 @34934 has 3 MA's),

Gene: Yorick_44 Start: 34762, Stop: 34995, Start Num: 46
Candidate Starts for Yorick_44:
(4, 34543), (11, 34582), (Start: 25 @34636 has 4 MA's), (26, 34654), (Start: 30 @34684 has 1 MA's), (Start: 32 @34699 has 23 MA's), (Start: 33 @34702 has 16 MA's), (34, 34714), (Start: 39 @34726 has 7 MA's), (Start: 46 @34762 has 90 MA's), (Start: 49 @34783 has 3 MA's), (67, 34957),

Gene: Zerg_45 Start: 34762, Stop: 34995, Start Num: 46
Candidate Starts for Zerg_45:
(4, 34543), (11, 34582), (Start: 25 @34636 has 4 MA's), (26, 34654), (Start: 30 @34684 has 1 MA's), (Start: 32 @34699 has 23 MA's), (Start: 33 @34702 has 16 MA's), (Start: 39 @34726 has 7 MA's), (Start: 46 @34762 has 90 MA's), (Start: 49 @34783 has 3 MA's), (67, 34957),