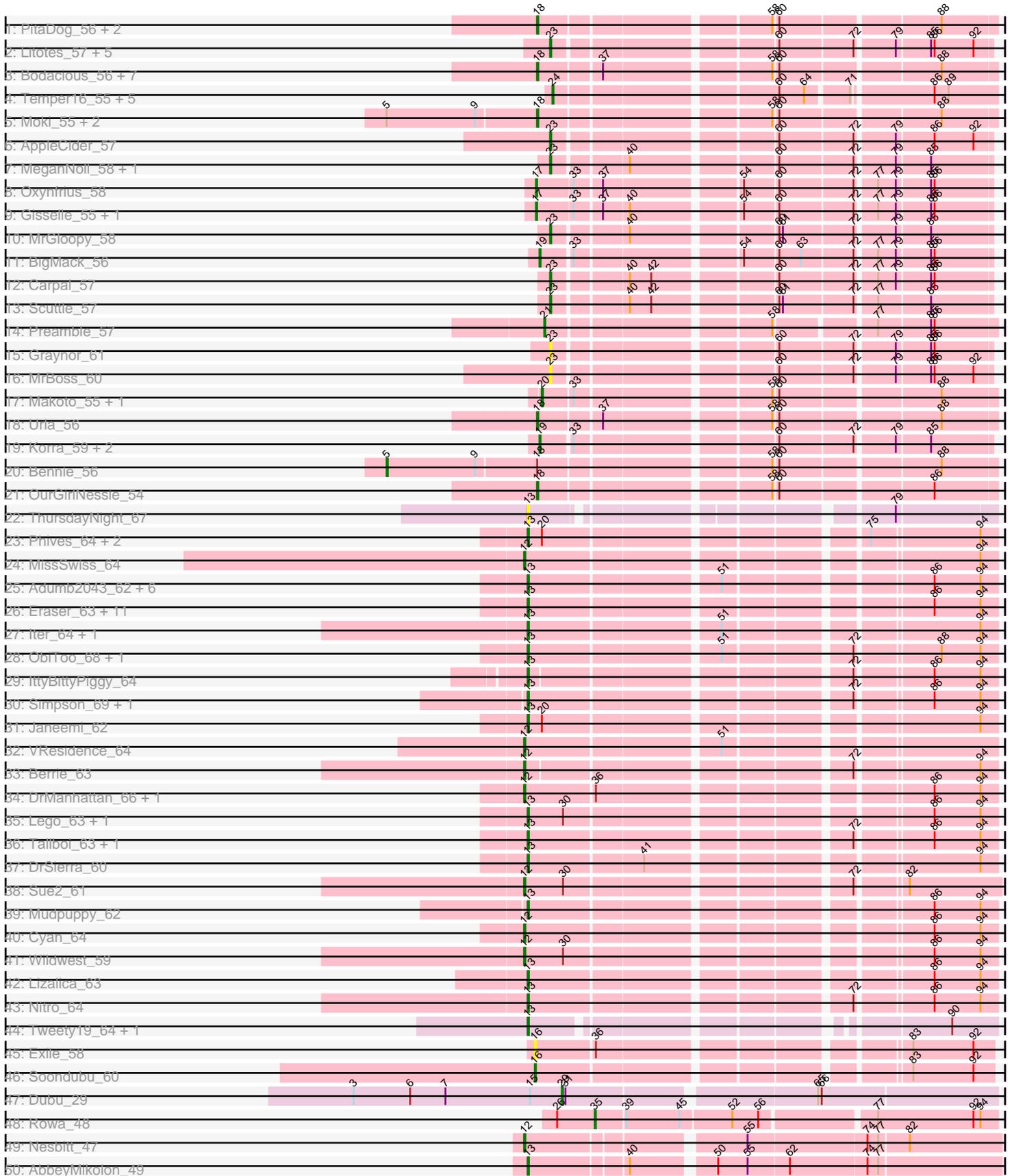
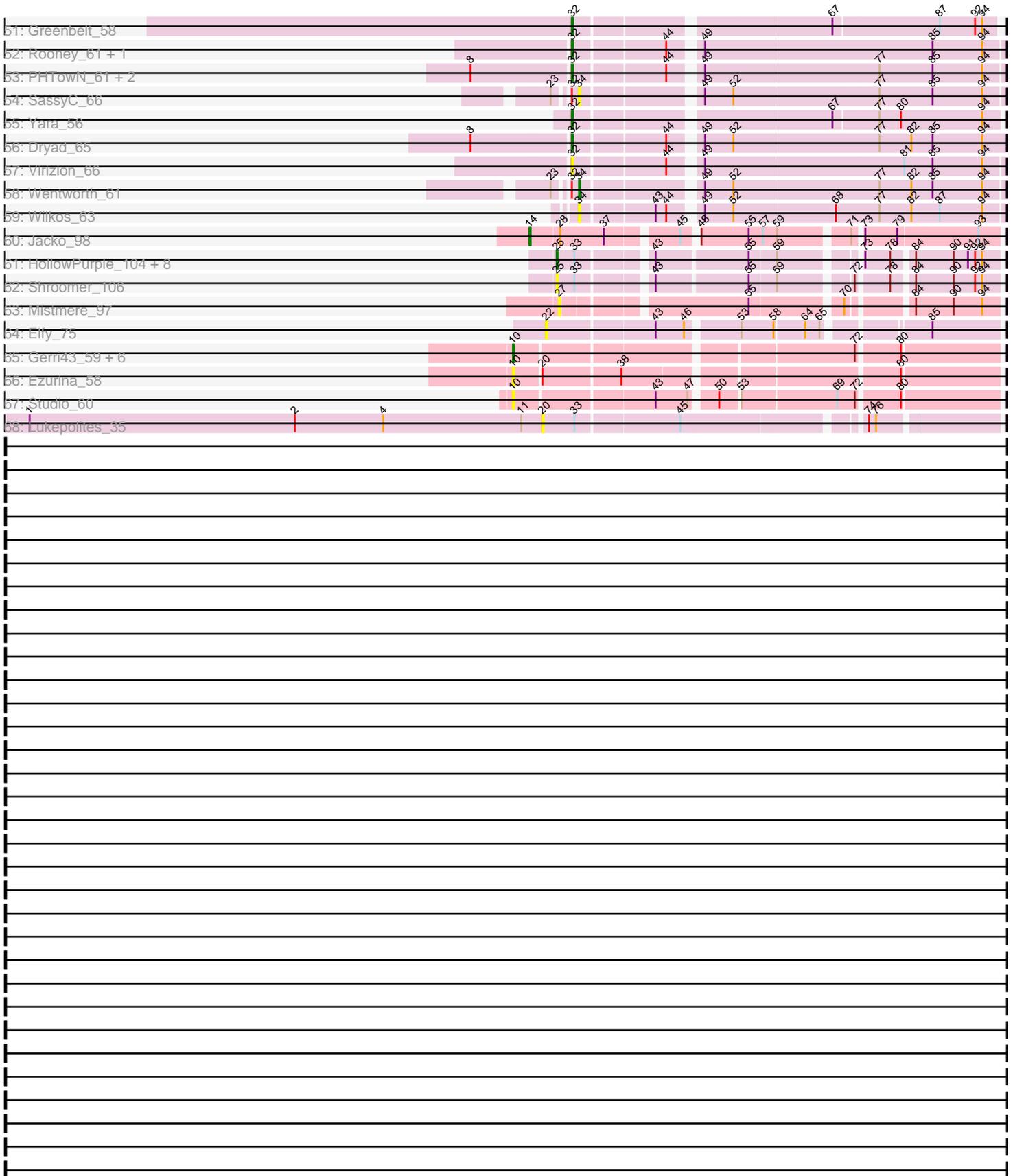


Pham 290944



Pham 290944



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 290944 Report

This analysis was run 03/28/26 on database version 641.

Pham number 290944 has 137 members, 31 are drafts.

Phages represented in each track:

- Track 1 : PitaDog_56, Christian_56, Pterodactyl_56
- Track 2 : Litotes_57, CallieOMalley_58, Suppi_58, Canowicakte_58, PartyCup_59, Wayne_60
- Track 3 : Bodacious_56, Lucy_55, Lennox_56, ChewChew_56, CristinaYang_56, Lasagna_54, Nancia_56, LilStuart_55
- Track 4 : Temper16_55, Maria1952_54, Daiboju_55, Sergei_55, KingBob_55, Herb_55
- Track 5 : Moki_55, Huckleberry_55, HeadNerd_55
- Track 6 : AppleCider_57
- Track 7 : MeganNoll_58, RAP15_59
- Track 8 : Oxynfrius_58
- Track 9 : Gisselle_55, DreamTeam_55
- Track 10 : MrGloopy_58
- Track 11 : BigMack_56
- Track 12 : Carpal_57
- Track 13 : Scuttle_57
- Track 14 : Preamble_57
- Track 15 : Graynor_61
- Track 16 : MrBoss_60
- Track 17 : Makoto_55, DrRobert_54
- Track 18 : Urla_56
- Track 19 : Korra_59, Fluke_58, Glenn_59
- Track 20 : Bennie_56
- Track 21 : OurGirlNessie_54
- Track 22 : ThursdayNight_67
- Track 23 : Phives_64, Community_63, Tuck_63
- Track 24 : MissSwiss_64
- Track 25 : Adumb2043_62, Jstan_64, AEgle_61, Turab_62, Elezi_62, Subaru_63, Amploria_63
- Track 26 : Eraser_63, YesChef_63, Flutur_63, Skelbel_64, Asa16_63, London_63, AGrandiflora_65, Niobe_63, Tutumahutu_65, Tbone_63, Powerpuff_65, Warda_64
- Track 27 : Iter_64, Ascela_65
- Track 28 : ObiToo_68, Crewmate_68
- Track 29 : IttyBittyPiggy_64
- Track 30 : Simpson_69, Joemato_65
- Track 31 : Janeemi_62
- Track 32 : VResidence_64

- Track 33 : Berrie_63
- Track 34 : DrManhattan_66, Adolin_65
- Track 35 : Lego_63, Kaylissa_65
- Track 36 : Tallboi_63, JohnDoe_64
- Track 37 : DrSierra_60
- Track 38 : Sue2_61
- Track 39 : Mudpuppy_62
- Track 40 : Cyan_64
- Track 41 : Wildwest_59
- Track 42 : Lizalica_63
- Track 43 : Nitro_64
- Track 44 : Tweety19_64, Snek_63
- Track 45 : Exile_58
- Track 46 : Soondubu_60
- Track 47 : Dubu_29
- Track 48 : Rowa_48
- Track 49 : Nesbitt_47
- Track 50 : AbbeyMikolon_49
- Track 51 : Greenbelt_58
- Track 52 : Rooney_61, Gibson_61
- Track 53 : PHTowN_61, Lizz_61, ShakeNBake_61
- Track 54 : SassyC_66
- Track 55 : Yara_56
- Track 56 : Dryad_65
- Track 57 : Virizion_66
- Track 58 : Wentworth_61
- Track 59 : Wilkos_63
- Track 60 : Jacko_98
- Track 61 : HollowPurple_104, Welcome_105, ASegato_101, Necrophoxinus_105, SteakFry_102, StevieWelch_103, Fork_99, Erenyeager_103, Issa7_102
- Track 62 : Shroomer_106
- Track 63 : Mistmere_97
- Track 64 : Elfy_75
- Track 65 : Gerri43_59, ChipsNGuac_59, Neuville_58, CardboardBox_59, AnnabelLee_60, Roberts_58, ChamoyPickle_60
- Track 66 : Ezurina_58
- Track 67 : Studio_60
- Track 68 : Lukepolites_35

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

The start number called the most often in the published annotations is 13, it was called in 31 of the 106 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- AEgle_61, AGrandiflora_65, AbbeyMikolon_49, Adumb2043_62, Amploria_63, Asa16_63, Ascela_65, Community_63, Crewmate_68, DrSierra_60, Elezi_62, Eraser_63, Flutur_63, Iter_64, IttyBittyPiggy_64, Janeemi_62, Joemato_65, JohnDoe_64, Jstan_64, Kaylissa_65, Lego_63, Lizalica_63, London_63, Mudpuppy_62, Niobe_63, Nitro_64, ObiToo_68, Phives_64, Powerpuff_65,

Simpson_69, Skelbel_64, Snek_63, Subaru_63, Tallboi_63, Tbone_63, ThursdayNight_67, Tuck_63, Turab_62, Tutumahutu_65, Tweety19_64, Warda_64, YesChef_63,

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

-

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

- ASegato_101, Adolin_65, AnnabelLee_60, AppleCider_57, Bennie_56, Berrie_63, BigMack_56, Bodacious_56, CallieOMalley_58, Canowicakte_58, CardboardBox_59, Carpal_57, ChamoyPickle_60, ChewChew_56, ChipsNGuac_59, Christian_56, CristinaYang_56, Cyan_64, Daiboju_55, DrManhattan_66, DrRobert_54, DreamTeam_55, Dryad_65, Dubu_29, Elfy_75, Erenyeager_103, Exile_58, Ezurina_58, Fluke_58, Fork_99, Gerri43_59, Gibson_61, Gisselle_55, Glenn_59, Graynor_61, Greenbelt_58, HeadNerd_55, Herb_55, HollowPurple_104, Huckleberry_55, Issa7_102, Jacko_98, KingBob_55, Korra_59, Lasagna_54, Lennox_56, LilStuart_55, Litotes_57, Lizz_61, Lucy_55, Lukepolites_35, Makoto_55, Maria1952_54, MeganNoll_58, MissSwiss_64, Mistmere_97, Moki_55, MrBoss_60, MrGloopy_58, Nancia_56, Necrophoxinus_105, Nesbitt_47, Neuville_58, OurGirlNessie_54, Oxyntrius_58, PHTown_61, PartyCup_59, PitaDog_56, Preamble_57, Pterodactyl_56, RAP15_59, Roberts_58, Rooney_61, Rowa_48, SassyC_66, Scuttle_57, Sergei_55, ShakeNBake_61, Shrooer_106, Soondubu_60, SteakFry_102, StevieWelch_103, Studio_60, Sue2_61, Suppi_58, Temper16_55, Urla_56, VResidence_64, Virizion_66, Wayne_60, Welcome_105, Wentworth_61, Wildwest_59, Wilkos_63, Yara_56,

Summary by start number:

Start 5:

- Found in 4 of 137 (2.9%) of genes in pham
- Manual Annotations of this start: 1 of 106
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Bennie_56 (AK),

Start 10:

- Found in 9 of 137 (6.6%) of genes in pham
- Manual Annotations of this start: 1 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AnnabelLee_60 (FR), CardboardBox_59 (FR), ChamoyPickle_60 (FR), ChipsNGuac_59 (FR), Ezurina_58 (FR), Gerri43_59 (FR), Neuville_58 (FR), Roberts_58 (FR), Studio_60 (FR),

Start 12:

- Found in 9 of 137 (6.6%) of genes in pham
- Manual Annotations of this start: 9 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Adolin_65 (AZ1), Berrie_63 (AZ1), Cyan_64 (AZ1), DrManhattan_66 (AZ1), MissSwiss_64 (AZ1), Nesbitt_47 (BL), Sue2_61 (AZ1), VResidence_64 (AZ1), Wildwest_59 (AZ1),

Start 13:

- Found in 42 of 137 (30.7%) of genes in pham
- Manual Annotations of this start: 31 of 106

- Called 100.0% of time when present
- Phage (with cluster) where this start called: AEgle_61 (AZ1), AGrandiflora_65 (AZ1), AbbeyMikolon_49 (BL), Adumb2043_62 (AZ1), Amploria_63 (AZ1), Asa16_63 (AZ1), Ascela_65 (AZ1), Community_63 (AZ1), Crewmate_68 (AZ1), DrSierra_60 (AZ1), Elezi_62 (AZ1), Eraser_63 (AZ1), Flutur_63 (AZ), Iter_64 (AZ1), IttyBittyPiggy_64 (AZ1), Janeemi_62 (AZ1), Joemato_65 (AZ1), JohnDoe_64 (AZ1), Jstan_64 (AZ1), Kaylissa_65 (AZ1), Lego_63 (AZ1), Lizalica_63 (AZ1), London_63 (AZ1), Mudpuppy_62 (AZ1), Niobe_63 (AZ1), Nitro_64 (AZ1), ObiToo_68 (AZ1), Phives_64 (AZ1), Powerpuff_65 (AZ1), Simpson_69 (AZ1), Skelbel_64 (AZ1), Sneek_63 (AZ3), Subaru_63 (AZ1), Tallboi_63 (AZ1), Tbone_63 (AZ1), ThursdayNight_67 (AZ), Tuck_63 (AZ1), Turab_62 (AZ1), Tutumahutu_65 (AZ1), Tweety19_64 (AZ3), Warda_64 (AZ1), YesChef_63 (AZ1),

Start 14:

- Found in 1 of 137 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Jacko_98 (ED1),

Start 16:

- Found in 2 of 137 (1.5%) of genes in pham
- Manual Annotations of this start: 1 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Exile_58 (AZ6), Soondubu_60 (AZ6),

Start 17:

- Found in 3 of 137 (2.2%) of genes in pham
- Manual Annotations of this start: 3 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: DreamTeam_55 (AK), Gisselle_55 (AK), Oxynfrius_58 (AK),

Start 18:

- Found in 17 of 137 (12.4%) of genes in pham
- Manual Annotations of this start: 16 of 106
- Called 94.1% of time when present
- Phage (with cluster) where this start called: Bodacious_56 (AK), ChewChew_56 (AK), Christian_56 (AK), CristinaYang_56 (AK), HeadNerd_55 (AK), Huckleberry_55 (AK), Lasagna_54 (AK), Lennox_56 (AK), LilStuart_55 (AK), Lucy_55 (AK), Moki_55 (AK), Nancia_56 (AK), OurGirlNessie_54 (AK), PitaDog_56 (AK), Pterodactyl_56 (AK), Urla_56 (AK),

Start 19:

- Found in 4 of 137 (2.9%) of genes in pham
- Manual Annotations of this start: 4 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BigMack_56 (AK), Fluke_58 (AK), Glenn_59 (AK), Korra_59 (AK),

Start 20:

- Found in 8 of 137 (5.8%) of genes in pham
- Manual Annotations of this start: 2 of 106
- Called 37.5% of time when present

- Phage (with cluster) where this start called: DrRobert_54 (AK), Lukepolites_35 (singleton), Makoto_55 (AK),

Start 21:

- Found in 1 of 137 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Preamble_57 (AK),

Start 22:

- Found in 1 of 137 (0.7%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Elfy_75 (FP),

Start 23:

- Found in 16 of 137 (11.7%) of genes in pham
- Manual Annotations of this start: 12 of 106
- Called 87.5% of time when present
- Phage (with cluster) where this start called: AppleCider_57 (AK), CallieOMalley_58 (AK), Canowicakte_58 (AK), Carpal_57 (AK), Graynor_61 (AK), Litotes_57 (AK), MeganNoll_58 (AK), MrBoss_60 (AK), MrGloopy_58 (AK), PartyCup_59 (AK), RAP15_59 (AK), Scuttle_57 (AK), Suppi_58 (AK), Wayne_60 (AK),

Start 24:

- Found in 6 of 137 (4.4%) of genes in pham
- Manual Annotations of this start: 6 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Daiboju_55 (AK), Herb_55 (AK), KingBob_55 (AK), Maria1952_54 (AK), Sergei_55 (AK), Temper16_55 (AK),

Start 25:

- Found in 10 of 137 (7.3%) of genes in pham
- Manual Annotations of this start: 7 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ASegato_101 (ED2), Erenyeager_103 (ED2), Fork_99 (ED2), HollowPurple_104 (ED2), Issa7_102 (ED2), Necrophoxinus_105 (ED2), Shroomer_106 (ED2), SteakFry_102 (ED2), StevieWelch_103 (ED2), Welcome_105 (ED2),

Start 27:

- Found in 1 of 137 (0.7%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Mistmere_97 (ED3),

Start 29:

- Found in 1 of 137 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Dubu_29 (BJ),

Start 32:

- Found in 11 of 137 (8.0%) of genes in pham
- Manual Annotations of this start: 8 of 106
- Called 81.8% of time when present
- Phage (with cluster) where this start called: Dryad_65 (BN), Gibson_61 (BN), Greenbelt_58 (BN), Lizz_61 (BN), PHTowN_61 (BN), Rooney_61 (BN), ShakeNBake_61 (BN), Virizion_66 (BN), Yara_56 (BN),

Start 34:

- Found in 3 of 137 (2.2%) of genes in pham
- Manual Annotations of this start: 1 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: SassyC_66 (BN), Wentworth_61 (BN), Wilkos_63 (BN),

Start 35:

- Found in 1 of 137 (0.7%) of genes in pham
- Manual Annotations of this start: 1 of 106
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Rowa_48 (BL),

Summary by clusters:

There are 14 clusters represented in this pham: FP, FR, AZ, BL, AK, singleton, BJ, ED2, ED3, ED1, AZ1, AZ3, BN, AZ6,

Info for manual annotations of cluster AK:

- Start number 5 was manually annotated 1 time for cluster AK.
- Start number 17 was manually annotated 3 times for cluster AK.
- Start number 18 was manually annotated 16 times for cluster AK.
- Start number 19 was manually annotated 4 times for cluster AK.
- Start number 20 was manually annotated 2 times for cluster AK.
- Start number 21 was manually annotated 1 time for cluster AK.
- Start number 23 was manually annotated 12 times for cluster AK.
- Start number 24 was manually annotated 6 times for cluster AK.

Info for manual annotations of cluster AZ1:

- Start number 12 was manually annotated 8 times for cluster AZ1.
- Start number 13 was manually annotated 28 times for cluster AZ1.

Info for manual annotations of cluster AZ3:

- Start number 13 was manually annotated 2 times for cluster AZ3.

Info for manual annotations of cluster AZ6:

- Start number 16 was manually annotated 1 time for cluster AZ6.

Info for manual annotations of cluster BJ:

- Start number 29 was manually annotated 1 time for cluster BJ.

Info for manual annotations of cluster BL:

- Start number 12 was manually annotated 1 time for cluster BL.
- Start number 13 was manually annotated 1 time for cluster BL.
- Start number 35 was manually annotated 1 time for cluster BL.

Info for manual annotations of cluster BN:

- Start number 32 was manually annotated 8 times for cluster BN.
- Start number 34 was manually annotated 1 time for cluster BN.

Info for manual annotations of cluster ED1:

- Start number 14 was manually annotated 1 time for cluster ED1.

Info for manual annotations of cluster ED2:

- Start number 25 was manually annotated 7 times for cluster ED2.

Info for manual annotations of cluster FR:

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

Gene Information:

Gene: AEgle_61 Start: 41138, Stop: 41494, Start Num: 13

Candidate Starts for AEgle_61:

(Start: 13 @41138 has 31 MA's), (51, 41288), (86, 41441), (94, 41480),

Gene: AGrandiflora_65 Start: 42034, Stop: 42390, Start Num: 13

Candidate Starts for AGrandiflora_65:

(Start: 13 @42034 has 31 MA's), (86, 42337), (94, 42376),

Gene: ASegato_101 Start: 54171, Stop: 53848, Start Num: 25

Candidate Starts for ASegato_101:

(Start: 25 @54171 has 7 MA's), (33, 54156), (43, 54102), (55, 54030), (59, 54009), (73, 53952), (78, 53931), (84, 53916), (90, 53886), (91, 53874), (92, 53868), (94, 53862),

Gene: AbbeyMikolon_49 Start: 34450, Stop: 34821, Start Num: 13

Candidate Starts for AbbeyMikolon_49:

(Start: 13 @34450 has 31 MA's), (40, 34528), (50, 34591), (55, 34615), (62, 34648), (74, 34711), (77, 34720),

Gene: Adolin_65 Start: 40925, Stop: 41284, Start Num: 12

Candidate Starts for Adolin_65:

(Start: 12 @40925 has 9 MA's), (36, 40982), (86, 41231), (94, 41270),

Gene: Adumb2043_62 Start: 41162, Stop: 41518, Start Num: 13

Candidate Starts for Adumb2043_62:

(Start: 13 @41162 has 31 MA's), (51, 41312), (86, 41465), (94, 41504),

Gene: Amploria_63 Start: 41342, Stop: 41698, Start Num: 13

Candidate Starts for Amploria_63:

(Start: 13 @41342 has 31 MA's), (51, 41492), (86, 41645), (94, 41684),

Gene: AnnabelLee_60 Start: 35355, Stop: 34978, Start Num: 10

Candidate Starts for AnnabelLee_60:

(Start: 10 @35355 has 1 MA's), (72, 35091), (80, 35058),

Gene: AppleCider_57 Start: 41677, Stop: 42012, Start Num: 23

Candidate Starts for AppleCider_57:

(Start: 23 @41677 has 12 MA's), (60, 41845), (72, 41905), (79, 41935), (86, 41965), (92, 41998),

Gene: Asa16_63 Start: 41723, Stop: 42079, Start Num: 13

Candidate Starts for Asa16_63:

(Start: 13 @41723 has 31 MA's), (86, 42026), (94, 42065),

Gene: Ascela_65 Start: 42214, Stop: 42570, Start Num: 13

Candidate Starts for Ascela_65:

(Start: 13 @42214 has 31 MA's), (51, 42364), (94, 42556),

Gene: Bennie_56 Start: 40399, Stop: 40872, Start Num: 5

Candidate Starts for Bennie_56:

(Start: 5 @40399 has 1 MA's), (9, 40474), (Start: 18 @40522 has 16 MA's), (58, 40699), (60, 40702), (88, 40828),

Gene: Berrie_63 Start: 41818, Stop: 42174, Start Num: 12

Candidate Starts for Berrie_63:

(Start: 12 @41818 has 9 MA's), (72, 42064), (94, 42160),

Gene: BigMack_56 Start: 40973, Stop: 41317, Start Num: 19

Candidate Starts for BigMack_56:

(Start: 19 @40973 has 4 MA's), (33, 40997), (54, 41123), (60, 41150), (63, 41168), (72, 41210), (77, 41225), (79, 41240), (85, 41267), (86, 41270),

Gene: Bodacious_56 Start: 40944, Stop: 41294, Start Num: 18

Candidate Starts for Bodacious_56:

(Start: 18 @40944 has 16 MA's), (37, 40992), (58, 41121), (60, 41124), (88, 41250),

Gene: CallieOMalley_58 Start: 41865, Stop: 42200, Start Num: 23

Candidate Starts for CallieOMalley_58:

(Start: 23 @41865 has 12 MA's), (60, 42033), (72, 42093), (79, 42123), (85, 42150), (86, 42153), (92, 42186),

Gene: Canowicakte_58 Start: 41917, Stop: 42252, Start Num: 23

Candidate Starts for Canowicakte_58:

(Start: 23 @41917 has 12 MA's), (60, 42085), (72, 42145), (79, 42175), (85, 42202), (86, 42205), (92, 42238),

Gene: CardboardBox_59 Start: 35358, Stop: 34981, Start Num: 10

Candidate Starts for CardboardBox_59:

(Start: 10 @35358 has 1 MA's), (72, 35094), (80, 35061),

Gene: Carpal_57 Start: 41744, Stop: 42079, Start Num: 23

Candidate Starts for Carpal_57:

(Start: 23 @41744 has 12 MA's), (40, 41801), (42, 41819), (60, 41912), (72, 41972), (77, 41987), (79, 42002), (85, 42029), (86, 42032),

Gene: ChamoyPickle_60 Start: 35898, Stop: 35521, Start Num: 10

Candidate Starts for ChamoyPickle_60:

(Start: 10 @35898 has 1 MA's), (72, 35634), (80, 35601),

Gene: ChewChew_56 Start: 41074, Stop: 41424, Start Num: 18
Candidate Starts for ChewChew_56:
(Start: 18 @41074 has 16 MA's), (37, 41122), (58, 41251), (60, 41254), (88, 41380),

Gene: ChipsNGuac_59 Start: 35358, Stop: 34981, Start Num: 10
Candidate Starts for ChipsNGuac_59:
(Start: 10 @35358 has 1 MA's), (72, 35094), (80, 35061),

Gene: Christian_56 Start: 40786, Stop: 41136, Start Num: 18
Candidate Starts for Christian_56:
(Start: 18 @40786 has 16 MA's), (58, 40963), (60, 40966), (88, 41092),

Gene: Community_63 Start: 42094, Stop: 42450, Start Num: 13
Candidate Starts for Community_63:
(Start: 13 @42094 has 31 MA's), (Start: 20 @42106 has 2 MA's), (75, 42349), (94, 42436),

Gene: Crewmate_68 Start: 42445, Stop: 42801, Start Num: 13
Candidate Starts for Crewmate_68:
(Start: 13 @42445 has 31 MA's), (51, 42595), (72, 42691), (88, 42754), (94, 42787),

Gene: CristinaYang_56 Start: 41071, Stop: 41421, Start Num: 18
Candidate Starts for CristinaYang_56:
(Start: 18 @41071 has 16 MA's), (37, 41119), (58, 41248), (60, 41251), (88, 41377),

Gene: Cyan_64 Start: 41775, Stop: 42134, Start Num: 12
Candidate Starts for Cyan_64:
(Start: 12 @41775 has 9 MA's), (86, 42081), (94, 42120),

Gene: Daiboju_55 Start: 41677, Stop: 42018, Start Num: 24
Candidate Starts for Daiboju_55:
(Start: 24 @41677 has 6 MA's), (60, 41848), (64, 41869), (71, 41902), (86, 41965), (89, 41977),

Gene: DrManhattan_66 Start: 40479, Stop: 40838, Start Num: 12
Candidate Starts for DrManhattan_66:
(Start: 12 @40479 has 9 MA's), (36, 40536), (86, 40785), (94, 40824),

Gene: DrRobert_54 Start: 40308, Stop: 40655, Start Num: 20
Candidate Starts for DrRobert_54:
(Start: 20 @40308 has 2 MA's), (33, 40332), (58, 40482), (60, 40485), (88, 40611),

Gene: DrSierra_60 Start: 40611, Stop: 40967, Start Num: 13
Candidate Starts for DrSierra_60:
(Start: 13 @40611 has 31 MA's), (41, 40704), (94, 40953),

Gene: DreamTeam_55 Start: 40683, Stop: 41033, Start Num: 17
Candidate Starts for DreamTeam_55:
(Start: 17 @40683 has 3 MA's), (33, 40713), (37, 40734), (40, 40755), (54, 40839), (60, 40866), (72, 40926), (77, 40941), (79, 40956), (85, 40983), (86, 40986),

Gene: Dryad_65 Start: 44270, Stop: 43926, Start Num: 32
Candidate Starts for Dryad_65:

(8, 44351), (Start: 32 @44270 has 8 MA's), (44, 44198), (49, 44177), (52, 44153), (77, 44033), (82, 44006), (85, 43988), (94, 43946),

Gene: Dubu_29 Start: 22724, Stop: 23071, Start Num: 29

Candidate Starts for Dubu_29:

(3, 22547), (6, 22595), (7, 22625), (15, 22697), (Start: 29 @22724 has 1 MA's), (31, 22727), (65, 22922), (66, 22925),

Gene: Elezi_62 Start: 41480, Stop: 41836, Start Num: 13

Candidate Starts for Elezi_62:

(Start: 13 @41480 has 31 MA's), (51, 41630), (86, 41783), (94, 41822),

Gene: Elfy_75 Start: 42768, Stop: 43112, Start Num: 22

Candidate Starts for Elfy_75:

(22, 42768), (43, 42855), (46, 42879), (53, 42918), (58, 42945), (64, 42969), (65, 42981), (85, 43056),

Gene: Eraser_63 Start: 41730, Stop: 42086, Start Num: 13

Candidate Starts for Eraser_63:

(Start: 13 @41730 has 31 MA's), (86, 42033), (94, 42072),

Gene: Erenyeager_103 Start: 54096, Stop: 53773, Start Num: 25

Candidate Starts for Erenyeager_103:

(Start: 25 @54096 has 7 MA's), (33, 54081), (43, 54027), (55, 53955), (59, 53934), (73, 53877), (78, 53856), (84, 53841), (90, 53811), (91, 53799), (92, 53793), (94, 53787),

Gene: Exile_58 Start: 42771, Stop: 43118, Start Num: 16

Candidate Starts for Exile_58:

(Start: 16 @42771 has 1 MA's), (36, 42819), (83, 43050), (92, 43101),

Gene: Ezurina_58 Start: 36258, Stop: 35881, Start Num: 10

Candidate Starts for Ezurina_58:

(Start: 10 @36258 has 1 MA's), (Start: 20 @36237 has 2 MA's), (38, 36174), (80, 35961),

Gene: Fluke_58 Start: 42001, Stop: 42345, Start Num: 19

Candidate Starts for Fluke_58:

(Start: 19 @42001 has 4 MA's), (33, 42025), (60, 42178), (72, 42238), (79, 42268), (85, 42295),

Gene: Flutur_63 Start: 42059, Stop: 42415, Start Num: 13

Candidate Starts for Flutur_63:

(Start: 13 @42059 has 31 MA's), (86, 42362), (94, 42401),

Gene: Fork_99 Start: 54049, Stop: 53726, Start Num: 25

Candidate Starts for Fork_99:

(Start: 25 @54049 has 7 MA's), (33, 54034), (43, 53980), (55, 53908), (59, 53887), (73, 53830), (78, 53809), (84, 53794), (90, 53764), (91, 53752), (92, 53746), (94, 53740),

Gene: Gerri43_59 Start: 35358, Stop: 34981, Start Num: 10

Candidate Starts for Gerri43_59:

(Start: 10 @35358 has 1 MA's), (72, 35094), (80, 35061),

Gene: Gibson_61 Start: 43510, Stop: 43169, Start Num: 32

Candidate Starts for Gibson_61:

(Start: 32 @43510 has 8 MA's), (44, 43438), (49, 43417), (85, 43228), (94, 43186),

Gene: Gisselle_55 Start: 40683, Stop: 41033, Start Num: 17

Candidate Starts for Gisselle_55:

(Start: 17 @40683 has 3 MA's), (33, 40713), (37, 40734), (40, 40755), (54, 40839), (60, 40866), (72, 40926), (77, 40941), (79, 40956), (85, 40983), (86, 40986),

Gene: Glenn_59 Start: 42462, Stop: 42806, Start Num: 19

Candidate Starts for Glenn_59:

(Start: 19 @42462 has 4 MA's), (33, 42486), (60, 42639), (72, 42699), (79, 42729), (85, 42756),

Gene: Graynor_61 Start: 41502, Stop: 41837, Start Num: 23

Candidate Starts for Graynor_61:

(Start: 23 @41502 has 12 MA's), (60, 41670), (72, 41730), (79, 41760), (85, 41787), (86, 41790),

Gene: Greenbelt_58 Start: 39592, Stop: 39260, Start Num: 32

Candidate Starts for Greenbelt_58:

(Start: 32 @39592 has 8 MA's), (67, 39394), (87, 39307), (92, 39277), (94, 39271),

Gene: HeadNerd_55 Start: 40416, Stop: 40766, Start Num: 18

Candidate Starts for HeadNerd_55:

(Start: 5 @40293 has 1 MA's), (9, 40368), (Start: 18 @40416 has 16 MA's), (58, 40593), (60, 40596), (88, 40722),

Gene: Herb_55 Start: 41676, Stop: 42017, Start Num: 24

Candidate Starts for Herb_55:

(Start: 24 @41676 has 6 MA's), (60, 41847), (64, 41868), (71, 41901), (86, 41964), (89, 41976),

Gene: HollowPurple_104 Start: 54710, Stop: 54387, Start Num: 25

Candidate Starts for HollowPurple_104:

(Start: 25 @54710 has 7 MA's), (33, 54695), (43, 54641), (55, 54569), (59, 54548), (73, 54491), (78, 54470), (84, 54455), (90, 54425), (91, 54413), (92, 54407), (94, 54401),

Gene: Huckleberry_55 Start: 40420, Stop: 40770, Start Num: 18

Candidate Starts for Huckleberry_55:

(Start: 5 @40297 has 1 MA's), (9, 40372), (Start: 18 @40420 has 16 MA's), (58, 40597), (60, 40600), (88, 40726),

Gene: Issa7_102 Start: 54064, Stop: 53741, Start Num: 25

Candidate Starts for Issa7_102:

(Start: 25 @54064 has 7 MA's), (33, 54049), (43, 53995), (55, 53923), (59, 53902), (73, 53845), (78, 53824), (84, 53809), (90, 53779), (91, 53767), (92, 53761), (94, 53755),

Gene: Iter_64 Start: 41985, Stop: 42341, Start Num: 13

Candidate Starts for Iter_64:

(Start: 13 @41985 has 31 MA's), (51, 42135), (94, 42327),

Gene: IttyBittyPiggy_64 Start: 40207, Stop: 40560, Start Num: 13

Candidate Starts for IttyBittyPiggy_64:

(Start: 13 @40207 has 31 MA's), (72, 40450), (86, 40507), (94, 40546),

Gene: Jacko_98 Start: 53745, Stop: 53389, Start Num: 14

Candidate Starts for Jacko_98:

(Start: 14 @53745 has 1 MA's), (28, 53721), (37, 53685), (45, 53631), (48, 53622), (55, 53583), (57, 53571), (59, 53559), (71, 53505), (73, 53499), (79, 53472), (93, 53406),

Gene: Janeemi_62 Start: 41595, Stop: 41951, Start Num: 13

Candidate Starts for Janeemi_62:

(Start: 13 @41595 has 31 MA's), (Start: 20 @41607 has 2 MA's), (94, 41937),

Gene: Joemato_65 Start: 41955, Stop: 42311, Start Num: 13

Candidate Starts for Joemato_65:

(Start: 13 @41955 has 31 MA's), (72, 42201), (86, 42258), (94, 42297),

Gene: JohnDoe_64 Start: 41872, Stop: 42228, Start Num: 13

Candidate Starts for JohnDoe_64:

(Start: 13 @41872 has 31 MA's), (72, 42118), (86, 42175), (94, 42214),

Gene: Jstan_64 Start: 41484, Stop: 41840, Start Num: 13

Candidate Starts for Jstan_64:

(Start: 13 @41484 has 31 MA's), (51, 41634), (86, 41787), (94, 41826),

Gene: Kaylissa_65 Start: 42234, Stop: 42590, Start Num: 13

Candidate Starts for Kaylissa_65:

(Start: 13 @42234 has 31 MA's), (30, 42264), (86, 42537), (94, 42576),

Gene: KingBob_55 Start: 41677, Stop: 42018, Start Num: 24

Candidate Starts for KingBob_55:

(Start: 24 @41677 has 6 MA's), (60, 41848), (64, 41869), (71, 41902), (86, 41965), (89, 41977),

Gene: Korra_59 Start: 41736, Stop: 42080, Start Num: 19

Candidate Starts for Korra_59:

(Start: 19 @41736 has 4 MA's), (33, 41760), (60, 41913), (72, 41973), (79, 42003), (85, 42030),

Gene: Lasagna_54 Start: 40307, Stop: 40657, Start Num: 18

Candidate Starts for Lasagna_54:

(Start: 18 @40307 has 16 MA's), (37, 40355), (58, 40484), (60, 40487), (88, 40613),

Gene: Lego_63 Start: 41553, Stop: 41909, Start Num: 13

Candidate Starts for Lego_63:

(Start: 13 @41553 has 31 MA's), (30, 41583), (86, 41856), (94, 41895),

Gene: Lennox_56 Start: 40792, Stop: 41142, Start Num: 18

Candidate Starts for Lennox_56:

(Start: 18 @40792 has 16 MA's), (37, 40840), (58, 40969), (60, 40972), (88, 41098),

Gene: LilStuart_55 Start: 40655, Stop: 41005, Start Num: 18

Candidate Starts for LilStuart_55:

(Start: 18 @40655 has 16 MA's), (37, 40703), (58, 40832), (60, 40835), (88, 40961),

Gene: Litotes_57 Start: 41464, Stop: 41799, Start Num: 23

Candidate Starts for Litotes_57:

(Start: 23 @41464 has 12 MA's), (60, 41632), (72, 41692), (79, 41722), (85, 41749), (86, 41752), (92, 41785),

Gene: Lizalica_63 Start: 41149, Stop: 41505, Start Num: 13

Candidate Starts for Lizalica_63:
(Start: 13 @41149 has 31 MA's), (86, 41452), (94, 41491),

Gene: Lizz_61 Start: 43350, Stop: 43009, Start Num: 32
Candidate Starts for Lizz_61:
(8, 43431), (Start: 32 @43350 has 8 MA's), (44, 43278), (49, 43257), (77, 43113), (85, 43068), (94, 43026),

Gene: London_63 Start: 41721, Stop: 42077, Start Num: 13
Candidate Starts for London_63:
(Start: 13 @41721 has 31 MA's), (86, 42024), (94, 42063),

Gene: Lucy_55 Start: 40650, Stop: 41000, Start Num: 18
Candidate Starts for Lucy_55:
(Start: 18 @40650 has 16 MA's), (37, 40698), (58, 40827), (60, 40830), (88, 40956),

Gene: Lukepolites_35 Start: 27976, Stop: 28326, Start Num: 20
Candidate Starts for Lukepolites_35:
(1, 27541), (2, 27766), (4, 27841), (11, 27958), (Start: 20 @27976 has 2 MA's), (33, 28003), (45, 28087), (74, 28225), (76, 28231),

Gene: Makoto_55 Start: 40551, Stop: 40898, Start Num: 20
Candidate Starts for Makoto_55:
(Start: 20 @40551 has 2 MA's), (33, 40575), (58, 40725), (60, 40728), (88, 40854),

Gene: Maria1952_54 Start: 41676, Stop: 42017, Start Num: 24
Candidate Starts for Maria1952_54:
(Start: 24 @41676 has 6 MA's), (60, 41847), (64, 41868), (71, 41901), (86, 41964), (89, 41976),

Gene: MeganNoll_58 Start: 42247, Stop: 42582, Start Num: 23
Candidate Starts for MeganNoll_58:
(Start: 23 @42247 has 12 MA's), (40, 42304), (60, 42415), (72, 42475), (79, 42505), (85, 42532),

Gene: MissSwiss_64 Start: 40483, Stop: 40842, Start Num: 12
Candidate Starts for MissSwiss_64:
(Start: 12 @40483 has 9 MA's), (94, 40828),

Gene: Mistmere_97 Start: 52832, Stop: 52509, Start Num: 27
Candidate Starts for Mistmere_97:
(27, 52832), (55, 52691), (70, 52622), (84, 52577), (90, 52547), (94, 52523),

Gene: Moki_55 Start: 40609, Stop: 40959, Start Num: 18
Candidate Starts for Moki_55:
(Start: 5 @40486 has 1 MA's), (9, 40561), (Start: 18 @40609 has 16 MA's), (58, 40786), (60, 40789), (88, 40915),

Gene: MrBoss_60 Start: 41258, Stop: 41593, Start Num: 23
Candidate Starts for MrBoss_60:
(Start: 23 @41258 has 12 MA's), (60, 41426), (72, 41486), (79, 41516), (85, 41543), (86, 41546), (92, 41579),

Gene: MrGloopy_58 Start: 41899, Stop: 42234, Start Num: 23
Candidate Starts for MrGloopy_58:

(Start: 23 @41899 has 12 MA's), (40, 41956), (60, 42067), (61, 42070), (72, 42127), (79, 42157), (85, 42184),

Gene: Mudpuppy_62 Start: 41921, Stop: 42277, Start Num: 13

Candidate Starts for Mudpuppy_62:

(Start: 13 @41921 has 31 MA's), (86, 42224), (94, 42263),

Gene: Nancia_56 Start: 40943, Stop: 41293, Start Num: 18

Candidate Starts for Nancia_56:

(Start: 18 @40943 has 16 MA's), (37, 40991), (58, 41120), (60, 41123), (88, 41249),

Gene: Necrophoxinus_105 Start: 54949, Stop: 54626, Start Num: 25

Candidate Starts for Necrophoxinus_105:

(Start: 25 @54949 has 7 MA's), (33, 54934), (43, 54880), (55, 54808), (59, 54787), (73, 54730), (78, 54709), (84, 54694), (90, 54664), (91, 54652), (92, 54646), (94, 54640),

Gene: Nesbitt_47 Start: 34330, Stop: 34704, Start Num: 12

Candidate Starts for Nesbitt_47:

(Start: 12 @34330 has 9 MA's), (55, 34498), (74, 34594), (77, 34603), (82, 34627),

Gene: Neuville_58 Start: 35358, Stop: 34981, Start Num: 10

Candidate Starts for Neuville_58:

(Start: 10 @35358 has 1 MA's), (72, 35094), (80, 35061),

Gene: Niobe_63 Start: 41724, Stop: 42080, Start Num: 13

Candidate Starts for Niobe_63:

(Start: 13 @41724 has 31 MA's), (86, 42027), (94, 42066),

Gene: Nitro_64 Start: 42421, Stop: 42777, Start Num: 13

Candidate Starts for Nitro_64:

(Start: 13 @42421 has 31 MA's), (72, 42667), (86, 42724), (94, 42763),

Gene: ObiToo_68 Start: 42061, Stop: 42417, Start Num: 13

Candidate Starts for ObiToo_68:

(Start: 13 @42061 has 31 MA's), (51, 42211), (72, 42307), (88, 42370), (94, 42403),

Gene: OurGirlNessie_54 Start: 40272, Stop: 40622, Start Num: 18

Candidate Starts for OurGirlNessie_54:

(Start: 18 @40272 has 16 MA's), (58, 40449), (60, 40452), (86, 40572),

Gene: Oxynfrius_58 Start: 42154, Stop: 42504, Start Num: 17

Candidate Starts for Oxynfrius_58:

(Start: 17 @42154 has 3 MA's), (33, 42184), (37, 42205), (54, 42310), (60, 42337), (72, 42397), (77, 42412), (79, 42427), (85, 42454), (86, 42457),

Gene: PHTowN_61 Start: 43348, Stop: 43007, Start Num: 32

Candidate Starts for PHTowN_61:

(8, 43429), (Start: 32 @43348 has 8 MA's), (44, 43276), (49, 43255), (77, 43111), (85, 43066), (94, 43024),

Gene: PartyCup_59 Start: 42112, Stop: 42447, Start Num: 23

Candidate Starts for PartyCup_59:

(Start: 23 @42112 has 12 MA's), (60, 42280), (72, 42340), (79, 42370), (85, 42397), (86, 42400), (92, 42433),

Gene: Phives_64 Start: 42209, Stop: 42565, Start Num: 13

Candidate Starts for Phives_64:

(Start: 13 @42209 has 31 MA's), (Start: 20 @42221 has 2 MA's), (75, 42464), (94, 42551),

Gene: PitaDog_56 Start: 40668, Stop: 41018, Start Num: 18

Candidate Starts for PitaDog_56:

(Start: 18 @40668 has 16 MA's), (58, 40845), (60, 40848), (88, 40974),

Gene: Powerpuff_65 Start: 42757, Stop: 43113, Start Num: 13

Candidate Starts for Powerpuff_65:

(Start: 13 @42757 has 31 MA's), (86, 43060), (94, 43099),

Gene: Preamble_57 Start: 40868, Stop: 41209, Start Num: 21

Candidate Starts for Preamble_57:

(Start: 21 @40868 has 1 MA's), (58, 41039), (77, 41114), (85, 41156), (86, 41159),

Gene: Pterodactyl_56 Start: 40909, Stop: 41259, Start Num: 18

Candidate Starts for Pterodactyl_56:

(Start: 18 @40909 has 16 MA's), (58, 41086), (60, 41089), (88, 41215),

Gene: RAP15_59 Start: 42248, Stop: 42583, Start Num: 23

Candidate Starts for RAP15_59:

(Start: 23 @42248 has 12 MA's), (40, 42305), (60, 42416), (72, 42476), (79, 42506), (85, 42533),

Gene: Roberts_58 Start: 35358, Stop: 34981, Start Num: 10

Candidate Starts for Roberts_58:

(Start: 10 @35358 has 1 MA's), (72, 35094), (80, 35061),

Gene: Rooney_61 Start: 43507, Stop: 43166, Start Num: 32

Candidate Starts for Rooney_61:

(Start: 32 @43507 has 8 MA's), (44, 43435), (49, 43414), (85, 43225), (94, 43183),

Gene: Rowa_48 Start: 34719, Stop: 35042, Start Num: 35

Candidate Starts for Rowa_48:

(26, 34692), (Start: 35 @34719 has 1 MA's), (39, 34743), (45, 34788), (52, 34830), (56, 34851), (77, 34941), (92, 35022), (94, 35028),

Gene: SassyC_66 Start: 44485, Stop: 44150, Start Num: 34

Candidate Starts for SassyC_66:

(Start: 23 @44500 has 12 MA's), (Start: 32 @44491 has 8 MA's), (Start: 34 @44485 has 1 MA's), (49, 44398), (52, 44374), (77, 44254), (85, 44209), (94, 44167),

Gene: Scuttle_57 Start: 41927, Stop: 42262, Start Num: 23

Candidate Starts for Scuttle_57:

(Start: 23 @41927 has 12 MA's), (40, 41984), (42, 42002), (60, 42095), (61, 42098), (72, 42155), (77, 42170), (85, 42212),

Gene: Sergei_55 Start: 41677, Stop: 42018, Start Num: 24

Candidate Starts for Sergei_55:

(Start: 24 @41677 has 6 MA's), (60, 41848), (64, 41869), (71, 41902), (86, 41965), (89, 41977),

Gene: ShakeNBake_61 Start: 43366, Stop: 43025, Start Num: 32

Candidate Starts for ShakeNBake_61:

(8, 43447), (Start: 32 @43366 has 8 MA's), (44, 43294), (49, 43273), (77, 43129), (85, 43084), (94, 43042),

Gene: Shroomer_106 Start: 54550, Stop: 54227, Start Num: 25

Candidate Starts for Shroomer_106:

(Start: 25 @54550 has 7 MA's), (33, 54535), (43, 54481), (55, 54409), (59, 54388), (72, 54334), (78, 54310), (84, 54295), (90, 54265), (92, 54247), (94, 54241),

Gene: Simpson_69 Start: 41959, Stop: 42315, Start Num: 13

Candidate Starts for Simpson_69:

(Start: 13 @41959 has 31 MA's), (72, 42205), (86, 42262), (94, 42301),

Gene: Skelbel_64 Start: 41724, Stop: 42080, Start Num: 13

Candidate Starts for Skelbel_64:

(Start: 13 @41724 has 31 MA's), (86, 42027), (94, 42066),

Gene: Snek_63 Start: 39170, Stop: 39511, Start Num: 13

Candidate Starts for Snek_63:

(Start: 13 @39170 has 31 MA's), (90, 39473),

Gene: Soondubu_60 Start: 43780, Stop: 44127, Start Num: 16

Candidate Starts for Soondubu_60:

(Start: 16 @43780 has 1 MA's), (83, 44059), (92, 44110),

Gene: SteakFry_102 Start: 54710, Stop: 54387, Start Num: 25

Candidate Starts for SteakFry_102:

(Start: 25 @54710 has 7 MA's), (33, 54695), (43, 54641), (55, 54569), (59, 54548), (73, 54491), (78, 54470), (84, 54455), (90, 54425), (91, 54413), (92, 54407), (94, 54401),

Gene: StevieWelch_103 Start: 54233, Stop: 53910, Start Num: 25

Candidate Starts for StevieWelch_103:

(Start: 25 @54233 has 7 MA's), (33, 54218), (43, 54164), (55, 54092), (59, 54071), (73, 54014), (78, 53993), (84, 53978), (90, 53948), (91, 53936), (92, 53930), (94, 53924),

Gene: Studio_60 Start: 36548, Stop: 36171, Start Num: 10

Candidate Starts for Studio_60:

(Start: 10 @36548 has 1 MA's), (43, 36437), (47, 36410), (50, 36392), (53, 36377), (69, 36299), (72, 36284), (80, 36251),

Gene: Subaru_63 Start: 41480, Stop: 41836, Start Num: 13

Candidate Starts for Subaru_63:

(Start: 13 @41480 has 31 MA's), (51, 41630), (86, 41783), (94, 41822),

Gene: Sue2_61 Start: 40180, Stop: 40542, Start Num: 12

Candidate Starts for Sue2_61:

(Start: 12 @40180 has 9 MA's), (30, 40213), (72, 40429), (82, 40465),

Gene: Suppi_58 Start: 41917, Stop: 42252, Start Num: 23

Candidate Starts for Suppi_58:

(Start: 23 @41917 has 12 MA's), (60, 42085), (72, 42145), (79, 42175), (85, 42202), (86, 42205), (92, 42238),

Gene: Tallboi_63 Start: 41726, Stop: 42082, Start Num: 13

Candidate Starts for Tallboi_63:

(Start: 13 @41726 has 31 MA's), (72, 41972), (86, 42029), (94, 42068),

Gene: Tbone_63 Start: 42208, Stop: 42564, Start Num: 13

Candidate Starts for Tbone_63:

(Start: 13 @42208 has 31 MA's), (86, 42511), (94, 42550),

Gene: Temper16_55 Start: 41677, Stop: 42018, Start Num: 24

Candidate Starts for Temper16_55:

(Start: 24 @41677 has 6 MA's), (60, 41848), (64, 41869), (71, 41902), (86, 41965), (89, 41977),

Gene: ThursdayNight_67 Start: 43091, Stop: 43429, Start Num: 13

Candidate Starts for ThursdayNight_67:

(Start: 13 @43091 has 31 MA's), (79, 43349),

Gene: Tuck_63 Start: 41997, Stop: 42353, Start Num: 13

Candidate Starts for Tuck_63:

(Start: 13 @41997 has 31 MA's), (Start: 20 @42009 has 2 MA's), (75, 42252), (94, 42339),

Gene: Turab_62 Start: 41182, Stop: 41538, Start Num: 13

Candidate Starts for Turab_62:

(Start: 13 @41182 has 31 MA's), (51, 41332), (86, 41485), (94, 41524),

Gene: Tutumahutu_65 Start: 41800, Stop: 42156, Start Num: 13

Candidate Starts for Tutumahutu_65:

(Start: 13 @41800 has 31 MA's), (86, 42103), (94, 42142),

Gene: Tweety19_64 Start: 39171, Stop: 39512, Start Num: 13

Candidate Starts for Tweety19_64:

(Start: 13 @39171 has 31 MA's), (90, 39474),

Gene: Urla_56 Start: 41609, Stop: 41959, Start Num: 18

Candidate Starts for Urla_56:

(Start: 18 @41609 has 16 MA's), (37, 41657), (58, 41786), (60, 41789), (88, 41915),

Gene: VResidence_64 Start: 39888, Stop: 40247, Start Num: 12

Candidate Starts for VResidence_64:

(Start: 12 @39888 has 9 MA's), (51, 40041),

Gene: Virizion_66 Start: 43706, Stop: 43365, Start Num: 32

Candidate Starts for Virizion_66:

(Start: 32 @43706 has 8 MA's), (44, 43634), (49, 43613), (81, 43448), (85, 43424), (94, 43382),

Gene: Warda_64 Start: 41934, Stop: 42290, Start Num: 13

Candidate Starts for Warda_64:

(Start: 13 @41934 has 31 MA's), (86, 42237), (94, 42276),

Gene: Wayne_60 Start: 42374, Stop: 42709, Start Num: 23

Candidate Starts for Wayne_60:

(Start: 23 @42374 has 12 MA's), (60, 42542), (72, 42602), (79, 42632), (85, 42659), (86, 42662), (92, 42695),

Gene: Welcome_105 Start: 54864, Stop: 54541, Start Num: 25

Candidate Starts for Welcome_105:

(Start: 25 @54864 has 7 MA's), (33, 54849), (43, 54795), (55, 54723), (59, 54702), (73, 54645), (78, 54624), (84, 54609), (90, 54579), (91, 54567), (92, 54561), (94, 54555),

Gene: Wentworth_61 Start: 43514, Stop: 43179, Start Num: 34

Candidate Starts for Wentworth_61:

(Start: 23 @43529 has 12 MA's), (Start: 32 @43520 has 8 MA's), (Start: 34 @43514 has 1 MA's), (49, 43427), (52, 43403), (77, 43283), (82, 43256), (85, 43238), (94, 43196),

Gene: Wildwest_59 Start: 41597, Stop: 41956, Start Num: 12

Candidate Starts for Wildwest_59:

(Start: 12 @41597 has 9 MA's), (30, 41630), (86, 41903), (94, 41942),

Gene: Wilkos_63 Start: 43658, Stop: 43323, Start Num: 34

Candidate Starts for Wilkos_63:

(Start: 34 @43658 has 1 MA's), (43, 43601), (44, 43592), (49, 43571), (52, 43547), (68, 43463), (77, 43427), (82, 43400), (87, 43376), (94, 43340),

Gene: Yara_56 Start: 41985, Stop: 41650, Start Num: 32

Candidate Starts for Yara_56:

(Start: 32 @41985 has 8 MA's), (67, 41787), (77, 41751), (80, 41733), (94, 41664),

Gene: YesChef_63 Start: 41616, Stop: 41972, Start Num: 13

Candidate Starts for YesChef_63:

(Start: 13 @41616 has 31 MA's), (86, 41919), (94, 41958),