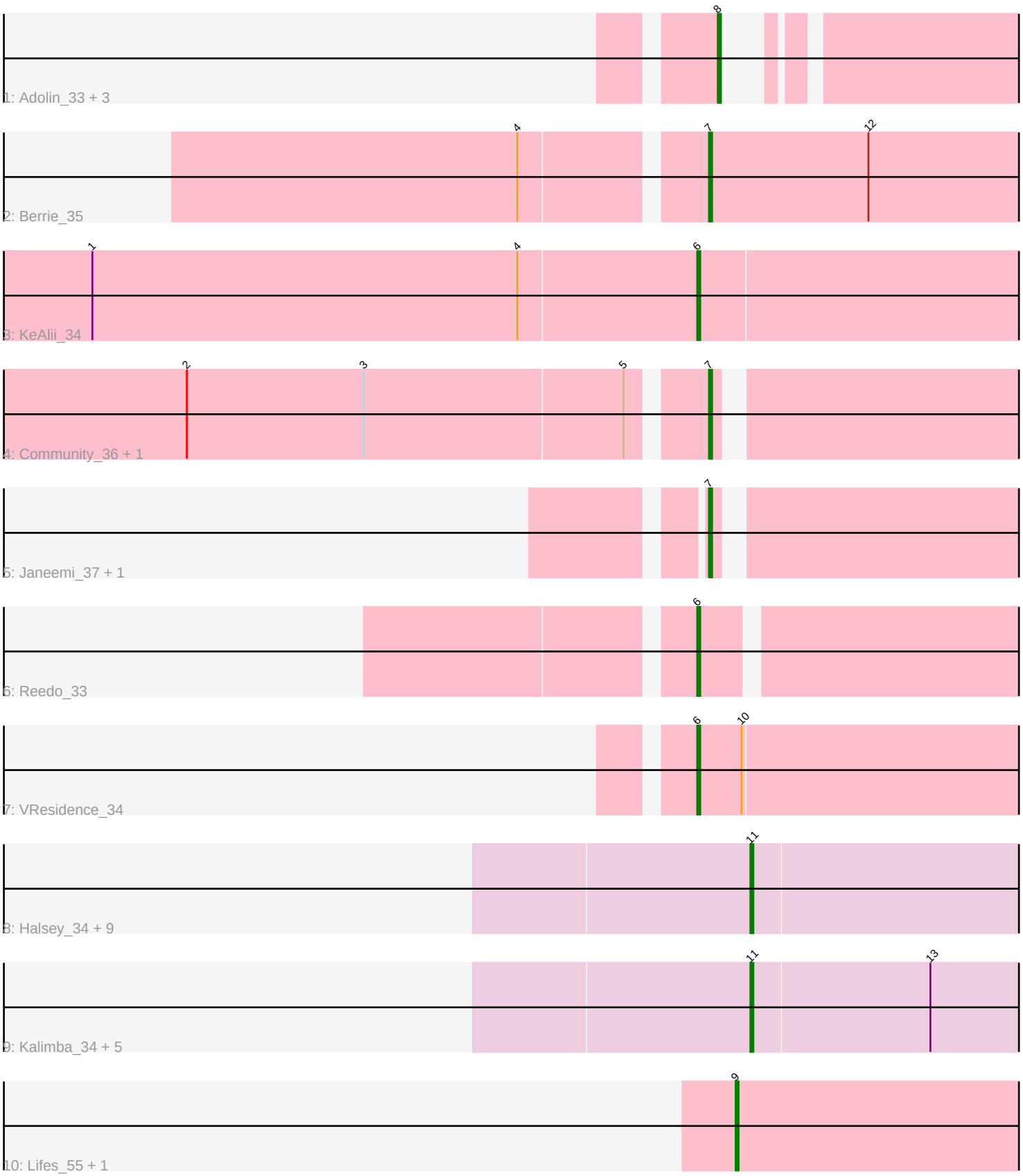
Pham 294976


8
1: Adolin_33 + 3
4
7
12
2: Berrie_35
1
4
6
3: KeAlii_34
2
3
5
7
4: Community_36 + 1
7
5: Janeemi_37 + 1
6
6: Reedo_33
6
10
7: VResidence_34
11
8: Halsey_34 + 9
11
13
9: Kalimba_34 + 5
9
10: Lifes_55 + 1

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 294976 Report

This analysis was run 04/18/26 on database version 643.

Pham number 294976 has 30 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Adolin_33, PandaPo_33, MissSwiss_33, DrManhattan_33
• Track 2 : Berrie_35
• Track 3 : KeAlii_34
• Track 4 : Community_36, Tuck_37
• Track 5 : Janeemi_37, Phives_37
• Track 6 : Reedo_33
• Track 7 : VResidence_34
• Track 8 : Halsey_34, Stuu_34, Ashes_34, Giorgio_34, RockScotty_34, Gumpizza_34, Mysterium_34, SpecialK_34, Beaupre_34, Moss_34
• Track 9 : Kalimba_34, Cappuccino_34, Gambol_35, Donkey_34, Sooty_34, Sabourin_34
• Track 10 : Lifes_55, LeeroyJenkins_62

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

The start number called the most often in the published annotations is 11, it was called in 16 of the 28 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ashes_34, Beaupre_34, Cappuccino_34, Donkey_34, Gambol_35, Giorgio_34, Gumpizza_34, Halsey_34, Kalimba_34, Moss_34, Mysterium_34, RockScotty_34, Sabourin_34, Sooty_34, SpecialK_34, Stuu_34,

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

Genes that do not have the "Most Annotated" start:
• Adolin_33, Berrie_35, Community_36, DrManhattan_33, Janeemi_37, KeAlii_34, LeeroyJenkins_62, Lifes_55, MissSwiss_33, PandaPo_33, Phives_37, Reedo_33, Tuck_37, VResidence_34,

Summary by start number:

Start 6:

• Found in 3 of 30 (10.0%) of genes in pham
• Manual Annotations of this start: 3 of 28
• Called 100.0% of time when present
• Phage (with cluster) where this start called: KeAlii_34 (AZ1), Reedo_33 (AZ1), VResidence_34 (AZ1),

Start 7:
• Found in 5 of 30 (16.7%) of genes in pham
• Manual Annotations of this start: 4 of 28
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Berrie_35 (AZ1), Community_36 (AZ1), Janeemi_37 (AZ1), Phives_37 (AZ1), Tuck_37 (AZ1),

Start 8:
• Found in 4 of 30 (13.3%) of genes in pham
• Manual Annotations of this start: 3 of 28
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Adolin_33 (AZ1), DrManhattan_33 (AZ1), MissSwiss_33 (AZ1), PandaPo_33 (AZ1),

Start 9:
• Found in 2 of 30 (6.7%) of genes in pham
• Manual Annotations of this start: 2 of 28
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LeeroyJenkins_62 (GB), Lifes_55 (GB),

Start 11:
• Found in 16 of 30 (53.3%) of genes in pham
• Manual Annotations of this start: 16 of 28
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ashes_34 (AZ5), Beaupre_34 (AZ5), Cappuccino_34 (AZ5), Donkey_34 (AZ5), Gambol_35 (AZ5), Giorgio_34 (AZ5), Gumpizza_34 (AZ5), Halsey_34 (AZ5), Kalimba_34 (AZ5), Moss_34 (AZ5), Mysterium_34 (AZ5), RockScotty_34 (AZ5), Sabourin_34 (AZ5), Sooty_34 (AZ5), SpecialK_34 (AZ5), Stuu_34 (AZ5),

Summary by clusters:

There are 3 clusters represented in this pham: AZ1, AZ5, GB,

Info for manual annotations of cluster AZ1:
•Start number 6 was manually annotated 3 times for cluster AZ1.
•Start number 7 was manually annotated 4 times for cluster AZ1.
•Start number 8 was manually annotated 3 times for cluster AZ1.

Info for manual annotations of cluster AZ5:
•Start number 11 was manually annotated 16 times for cluster AZ5.

Info for manual annotations of cluster GB:
•Start number 9 was manually annotated 2 times for cluster GB.

Gene Information:

Gene: Adolin_33 Start: 23342, Stop: 23542, Start Num: 8
Candidate Starts for Adolin_33:
(Start: 8 @23342 has 3 MA's),

Gene: Ashes_34 Start: 24012, Stop: 24215, Start Num: 11
Candidate Starts for Ashes_34:
(Start: 11 @24012 has 16 MA's),

Gene: Beaupre_34 Start: 24013, Stop: 24216, Start Num: 11
Candidate Starts for Beaupre_34:
(Start: 11 @24013 has 16 MA's),

Gene: Berrie_35 Start: 25939, Stop: 26160, Start Num: 7
Candidate Starts for Berrie_35:
(4, 25882), (Start: 7 @25939 has 4 MA's), (12, 25993),

Gene: Cappuccino_34 Start: 23879, Stop: 24082, Start Num: 11
Candidate Starts for Cappuccino_34:
(Start: 11 @23879 has 16 MA's), (13, 23939),

Gene: Community_36 Start: 27065, Stop: 27277, Start Num: 7
Candidate Starts for Community_36:
(2, 26900), (3, 26960), (5, 27047), (Start: 7 @27065 has 4 MA's),

Gene: Donkey_34 Start: 23869, Stop: 24072, Start Num: 11
Candidate Starts for Donkey_34:
(Start: 11 @23869 has 16 MA's), (13, 23929),

Gene: DrManhattan_33 Start: 23333, Stop: 23533, Start Num: 8
Candidate Starts for DrManhattan_33:
(Start: 8 @23333 has 3 MA's),

Gene: Gambol_35 Start: 23888, Stop: 24091, Start Num: 11
Candidate Starts for Gambol_35:
(Start: 11 @23888 has 16 MA's), (13, 23948),

Gene: Giorgio_34 Start: 23996, Stop: 24199, Start Num: 11
Candidate Starts for Giorgio_34:
(Start: 11 @23996 has 16 MA's),

Gene: Gumpizza_34 Start: 23952, Stop: 24155, Start Num: 11
Candidate Starts for Gumpizza_34:
(Start: 11 @23952 has 16 MA's),

Gene: Halsey_34 Start: 24017, Stop: 24220, Start Num: 11
Candidate Starts for Halsey_34:
(Start: 11 @24017 has 16 MA's),

Gene: Janeemi_37 Start: 27276, Stop: 27488, Start Num: 7
Candidate Starts for Janeemi_37:
(Start: 7 @27276 has 4 MA's),

Gene: Kalimba_34 Start: 23866, Stop: 24069, Start Num: 11
Candidate Starts for Kalimba_34:
(Start: 11 @23866 has 16 MA's), (13, 23926),

Gene: KeAlii_34 Start: 24987, Stop: 25208, Start Num: 6
Candidate Starts for KeAlii_34:
(1, 24783), (4, 24927), (Start: 6 @24987 has 3 MA's),

Gene: LeeroyJenkins_62 Start: 36291, Stop: 36064, Start Num: 9
Candidate Starts for LeeroyJenkins_62:
(Start: 9 @36291 has 2 MA's),

Gene: Lifes_55 Start: 32729, Stop: 32502, Start Num: 9
Candidate Starts for Lifes_55:
(Start: 9 @32729 has 2 MA's),

Gene: MissSwiss_33 Start: 23388, Stop: 23591, Start Num: 8
Candidate Starts for MissSwiss_33:
(Start: 8 @23388 has 3 MA's),

Gene: Moss_34 Start: 23958, Stop: 24161, Start Num: 11
Candidate Starts for Moss_34:
(Start: 11 @23958 has 16 MA's),

Gene: Mysterium_34 Start: 23978, Stop: 24181, Start Num: 11
Candidate Starts for Mysterium_34:
(Start: 11 @23978 has 16 MA's),

Gene: PandaPo_33 Start: 23391, Stop: 23594, Start Num: 8
Candidate Starts for PandaPo_33:
(Start: 8 @23391 has 3 MA's),

Gene: Phives_37 Start: 27093, Stop: 27305, Start Num: 7
Candidate Starts for Phives_37:
(Start: 7 @27093 has 4 MA's),

Gene: Reedo_33 Start: 23334, Stop: 23549, Start Num: 6
Candidate Starts for Reedo_33:
(Start: 6 @23334 has 3 MA's),

Gene: RockScotty_34 Start: 23976, Stop: 24179, Start Num: 11
Candidate Starts for RockScotty_34:
(Start: 11 @23976 has 16 MA's),

Gene: Sabourin_34 Start: 23866, Stop: 24069, Start Num: 11
Candidate Starts for Sabourin_34:
(Start: 11 @23866 has 16 MA's), (13, 23926),

Gene: Sooty_34 Start: 23881, Stop: 24084, Start Num: 11
Candidate Starts for Sooty_34:
(Start: 11 @23881 has 16 MA's), (13, 23941),

Gene: SpecialK_34 Start: 23866, Stop: 24069, Start Num: 11
Candidate Starts for SpecialK_34:
(Start: 11 @23866 has 16 MA's),

Gene: Stuu_34 Start: 23978, Stop: 24181, Start Num: 11
Candidate Starts for Stuu_34:
(Start: 11 @23978 has 16 MA's),

Gene: Tuck_37 Start: 27446, Stop: 27658, Start Num: 7
Candidate Starts for Tuck_37:
(2, 27281), (3, 27341), (5, 27428), (Start: 7 @27446 has 4 MA's),

Gene: VResidence_34 Start: 24928, Stop: 25152, Start Num: 6
Candidate Starts for VResidence_34:
(Start: 6 @24928 has 3 MA's), (10, 24943),