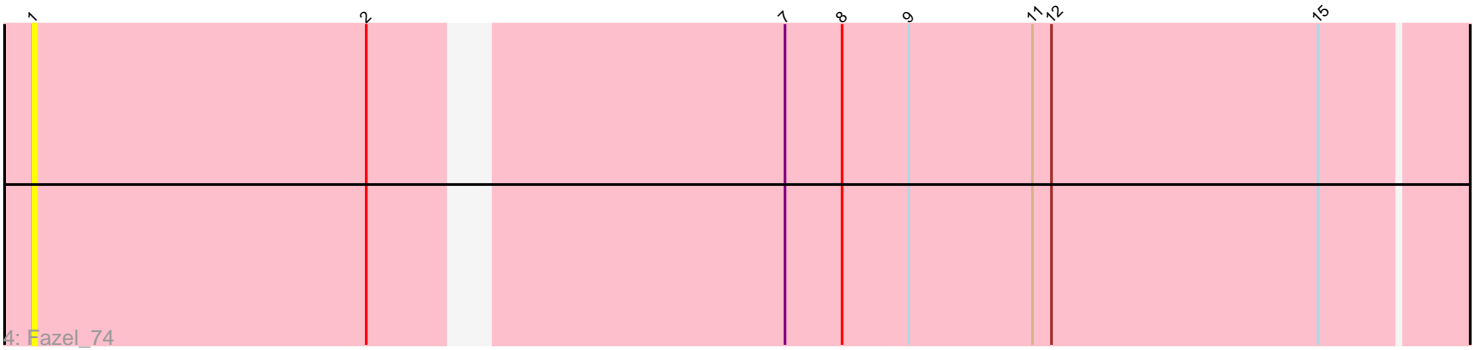
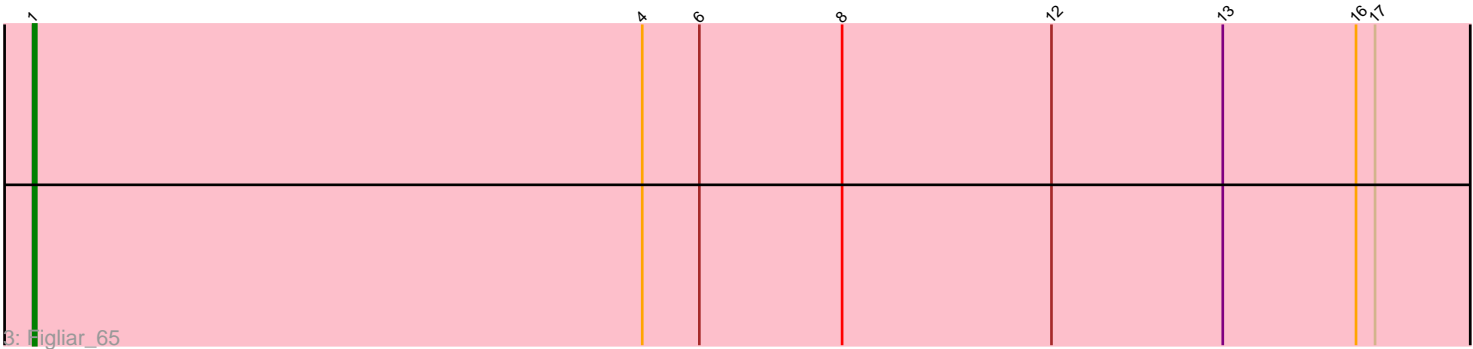
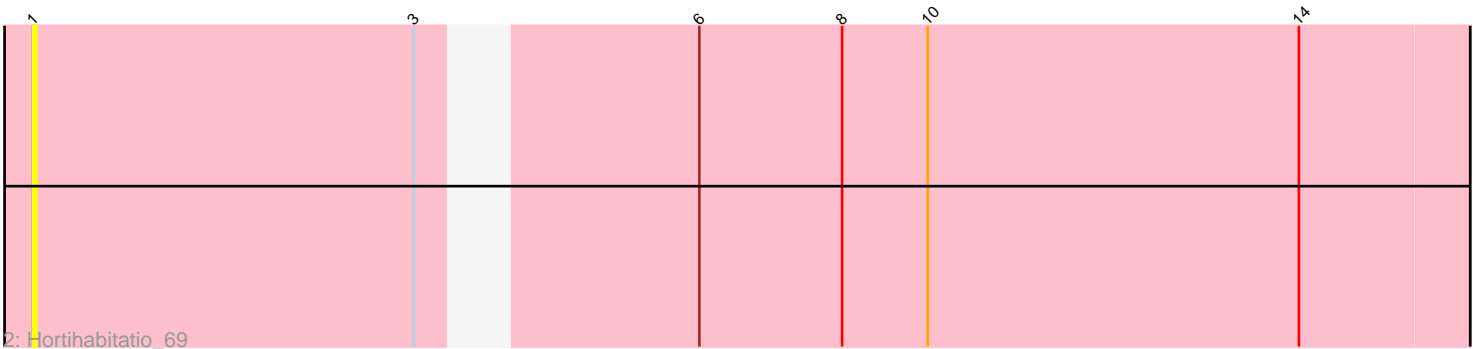
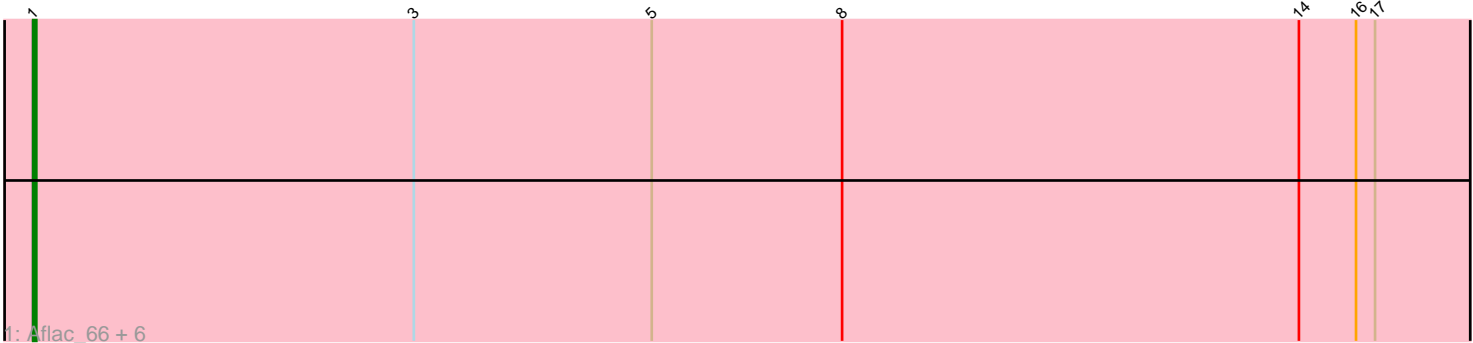


Pham 87811



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 87811 Report

This analysis was run 04/05/24 on database version 557.

Pham number 87811 has 10 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Aflac_66, Duffington_65, Chickenjars_65, AlainaMarie_66, EndAve_68, Rickmore_64, Nithya_67
- Track 2 : Hortihabitatio_69
- Track 3 : Figliar_65
- Track 4 : Fazel_74

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

The start number called the most often in the published annotations is 1, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Aflac_66, AlainaMarie_66, Chickenjars_65, Duffington_65, EndAve_68, Fazel_74, Figliar_65, Hortihabitatio_69, Nithya_67, Rickmore_64,

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

-

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

-

Summary by start number:

Start 1:

- Found in 10 of 10 (100.0%) of genes in pham
- Manual Annotations of this start: 8 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aflac_66 (DJ), AlainaMarie_66 (DJ), Chickenjars_65 (DJ), Duffington_65 (DJ), EndAve_68 (DJ), Fazel_74 (DJ), Figliar_65 (DJ), Hortihabitatio_69 (DJ), Nithya_67 (DJ), Rickmore_64 (DJ),

Summary by clusters:

There is one cluster represented in this pham: DJ

Info for manual annotations of cluster DJ:

•Start number 1 was manually annotated 8 times for cluster DJ.

Gene Information:

Gene: Aflac_66 Start: 47598, Stop: 48050, Start Num: 1

Candidate Starts for Aflac_66:

(Start: 1 @47598 has 8 MA's), (3, 47718), (5, 47793), (8, 47853), (14, 47997), (16, 48015), (17, 48021),

Gene: AlainaMarie_66 Start: 47639, Stop: 48091, Start Num: 1

Candidate Starts for AlainaMarie_66:

(Start: 1 @47639 has 8 MA's), (3, 47759), (5, 47834), (8, 47894), (14, 48038), (16, 48056), (17, 48062),

Gene: Chikenjars_65 Start: 47659, Stop: 48111, Start Num: 1

Candidate Starts for Chikenjars_65:

(Start: 1 @47659 has 8 MA's), (3, 47779), (5, 47854), (8, 47914), (14, 48058), (16, 48076), (17, 48082),

Gene: Duffington_65 Start: 47356, Stop: 47808, Start Num: 1

Candidate Starts for Duffington_65:

(Start: 1 @47356 has 8 MA's), (3, 47476), (5, 47551), (8, 47611), (14, 47755), (16, 47773), (17, 47779),

Gene: EndAve_68 Start: 47823, Stop: 48278, Start Num: 1

Candidate Starts for EndAve_68:

(Start: 1 @47823 has 8 MA's), (3, 47943), (5, 48018), (8, 48078), (14, 48222), (16, 48240), (17, 48246),

Gene: Fazel_74 Start: 48182, Stop: 48619, Start Num: 1

Candidate Starts for Fazel_74:

(Start: 1 @48182 has 8 MA's), (2, 48287), (7, 48404), (8, 48422), (9, 48443), (11, 48482), (12, 48488), (15, 48572),

Gene: Figliar_65 Start: 47666, Stop: 48118, Start Num: 1

Candidate Starts for Figliar_65:

(Start: 1 @47666 has 8 MA's), (4, 47858), (6, 47876), (8, 47921), (12, 47987), (13, 48041), (16, 48083), (17, 48089),

Gene: Hortihabitatio_69 Start: 48564, Stop: 48995, Start Num: 1

Candidate Starts for Hortihabitatio_69:

(Start: 1 @48564 has 8 MA's), (3, 48684), (6, 48753), (8, 48798), (10, 48825), (14, 48942),

Gene: Nithya_67 Start: 47524, Stop: 47979, Start Num: 1

Candidate Starts for Nithya_67:

(Start: 1 @47524 has 8 MA's), (3, 47644), (5, 47719), (8, 47779), (14, 47923), (16, 47941), (17, 47947),

Gene: Rickmore_64 Start: 46043, Stop: 46495, Start Num: 1

Candidate Starts for Rickmore_64:

(Start: 1 @46043 has 8 MA's), (3, 46163), (5, 46238), (8, 46298), (14, 46442), (16, 46460), (17, 46466),