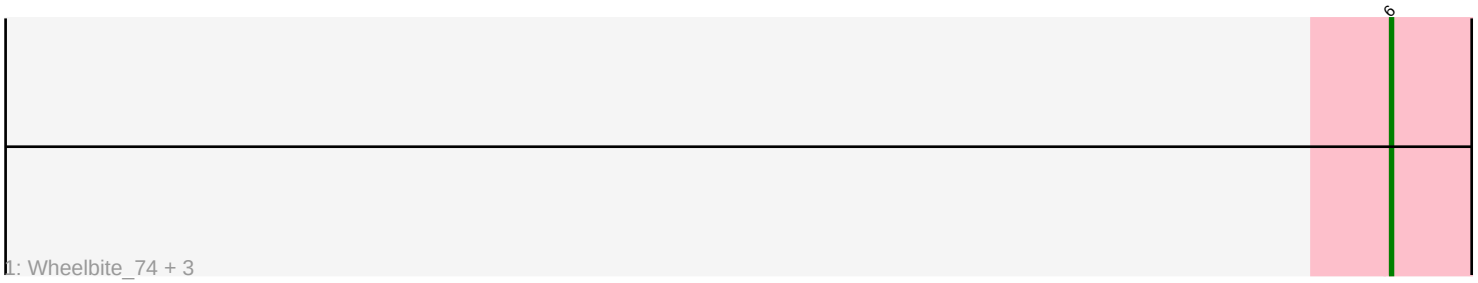
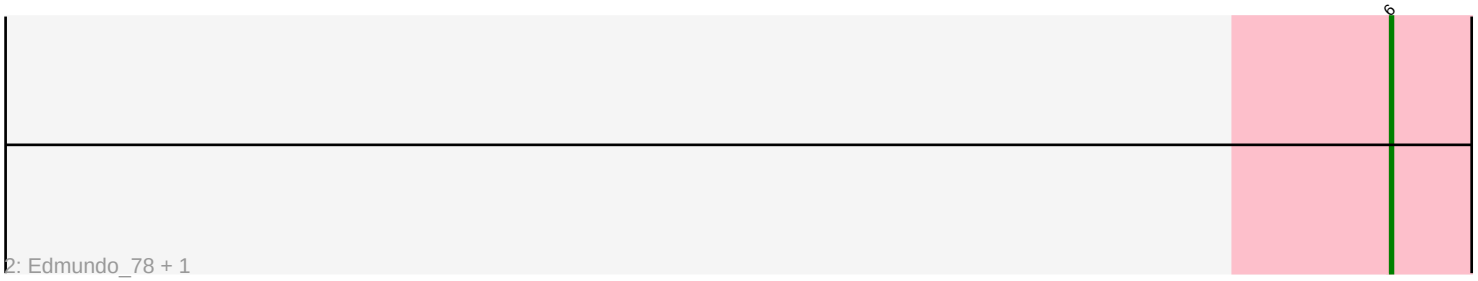
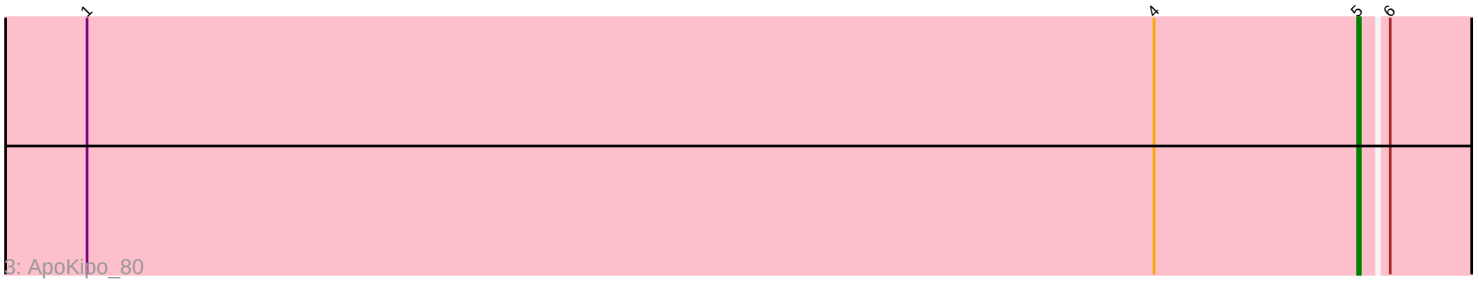
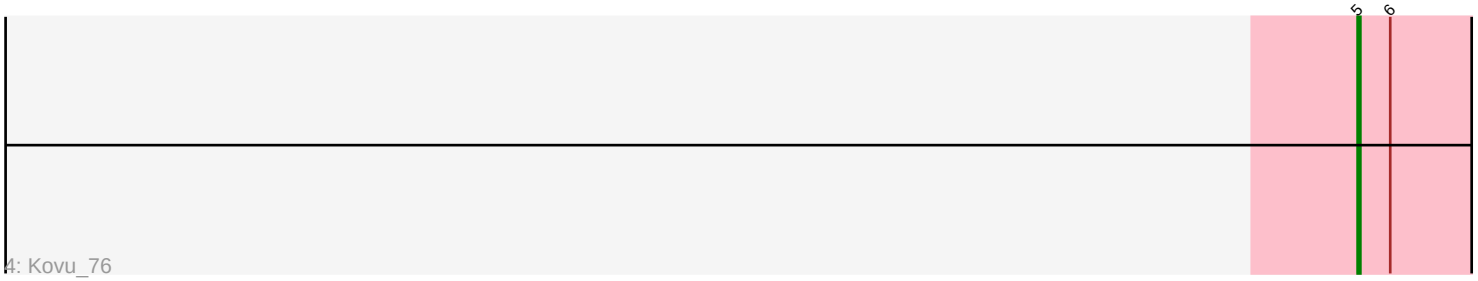
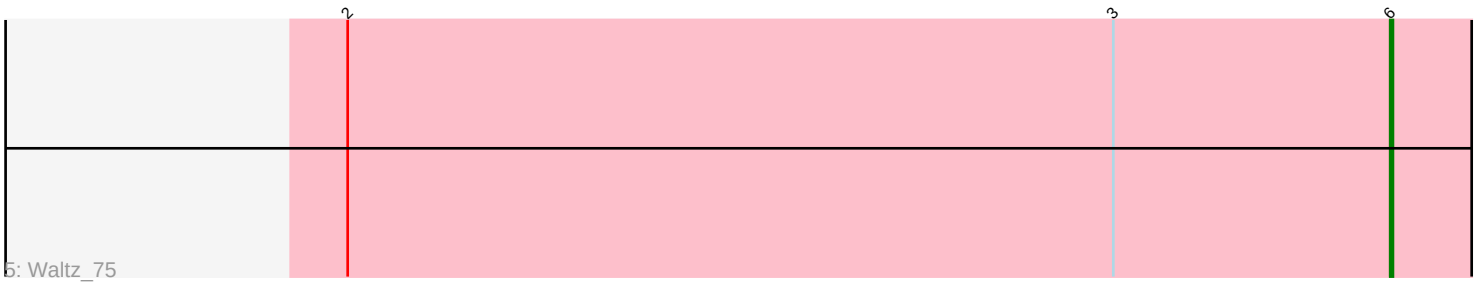
Pham 340252


6
1: Wheelbite_74 + 3


6
2: Edmundo_78 + 1


1
4
5
6
3: ApoKibo_80


5
6
4: Kovu_76


2
3
6
5: Waltz_75

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 340252 Report

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

Pham number 340252 has 9 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Wheelbite_74, Laroye_78, Salgado_78, LiSara_75
• Track 2 : Edmundo_78, Shrooms_76
• Track 3 : ApoKipo_80
• Track 4 : Kovu_76
• Track 5 : Waltz_75

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

The start number called the most often in the published annotations is 6, it was called in 7 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Edmundo_78, Laroye_78, LiSara_75, Salgado_78, Shrooms_76, Waltz_75, Wheelbite_74,

Genes that have the "Most Annotated" start but do not call it:
• ApoKipo_80, Kovu_76,

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

Summary by start number:

Start 5:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 2 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ApoKipo_80 (AL), Kovu_76 (AL),

Start 6:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 9
• Called 77.8% of time when present

• Phage (with cluster) where this start called: Edmundo_78 (AL), Laroye_78 (AL), LiSara_75 (AL), Salgado_78 (AL), Shrooms_76 (AL), Waltz_75 (AL), Wheelbite_74 (AL),

Summary by clusters:

There is one cluster represented in this pham: AL

Info for manual annotations of cluster AL:
•Start number 5 was manually annotated 2 times for cluster AL.
•Start number 6 was manually annotated 7 times for cluster AL.

Gene Information:

Gene: ApoKipo_80 Start: 47892, Stop: 47698, Start Num: 5
Candidate Starts for ApoKipo_80:
(1, 48360), (4, 47967), (Start: 5 @47892 has 2 MA's), (Start: 6 @47883 has 7 MA's),

Gene: Edmundo_78 Start: 47501, Stop: 47316, Start Num: 6
Candidate Starts for Edmundo_78:
(Start: 6 @47501 has 7 MA's),

Gene: Kovu_76 Start: 47520, Stop: 47323, Start Num: 5
Candidate Starts for Kovu_76:
(Start: 5 @47520 has 2 MA's), (Start: 6 @47508 has 7 MA's),

Gene: Laroye_78 Start: 46919, Stop: 46734, Start Num: 6
Candidate Starts for Laroye_78:
(Start: 6 @46919 has 7 MA's),

Gene: LiSara_75 Start: 47053, Stop: 46868, Start Num: 6
Candidate Starts for LiSara_75:
(Start: 6 @47053 has 7 MA's),

Gene: Salgado_78 Start: 46723, Stop: 46538, Start Num: 6
Candidate Starts for Salgado_78:
(Start: 6 @46723 has 7 MA's),

Gene: Shrooms_76 Start: 45176, Stop: 44991, Start Num: 6
Candidate Starts for Shrooms_76:
(Start: 6 @45176 has 7 MA's),

Gene: Waltz_75 Start: 45186, Stop: 45001, Start Num: 6
Candidate Starts for Waltz_75:
(2, 45570), (3, 45288), (Start: 6 @45186 has 7 MA's),

Gene: Wheelbite_74 Start: 46857, Stop: 46672, Start Num: 6
Candidate Starts for Wheelbite_74:
(Start: 6 @46857 has 7 MA's),