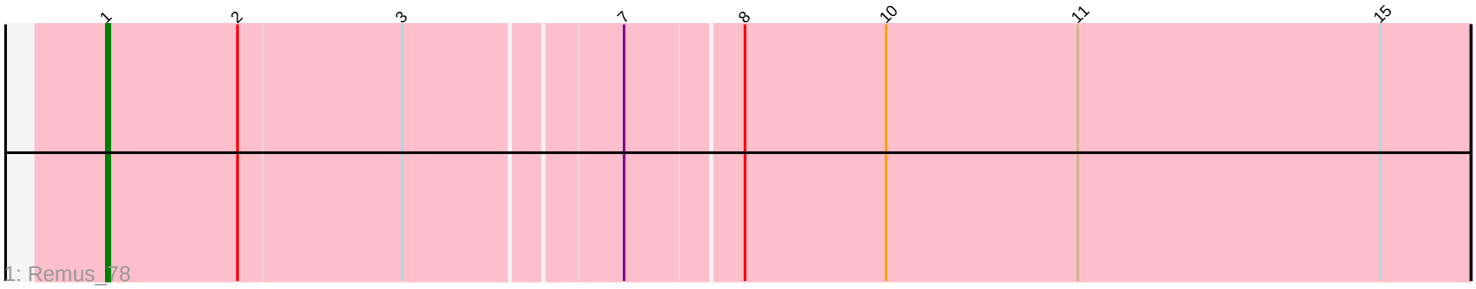
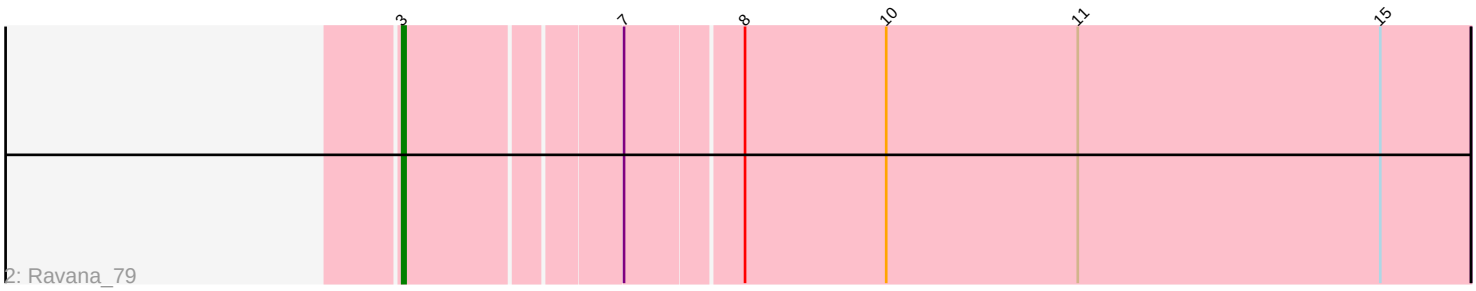
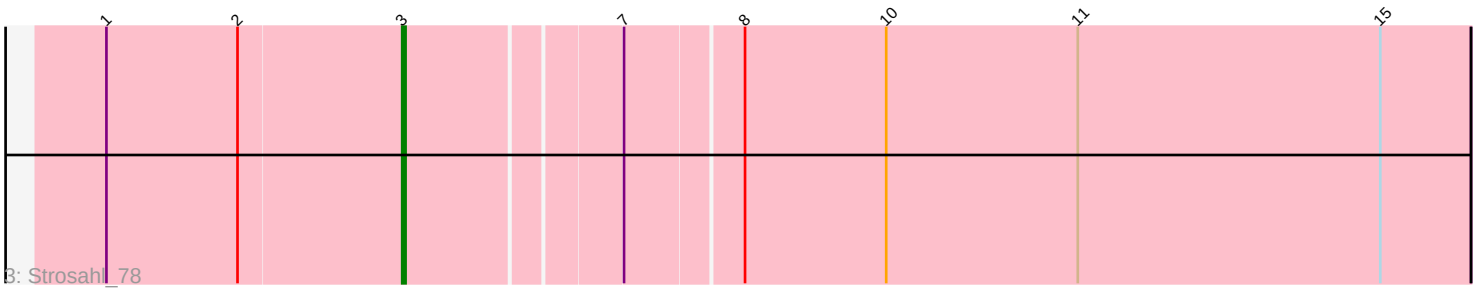
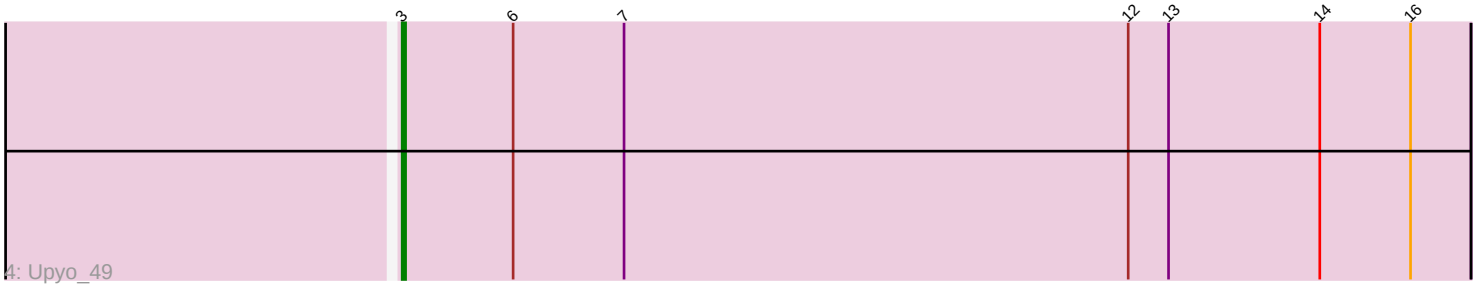
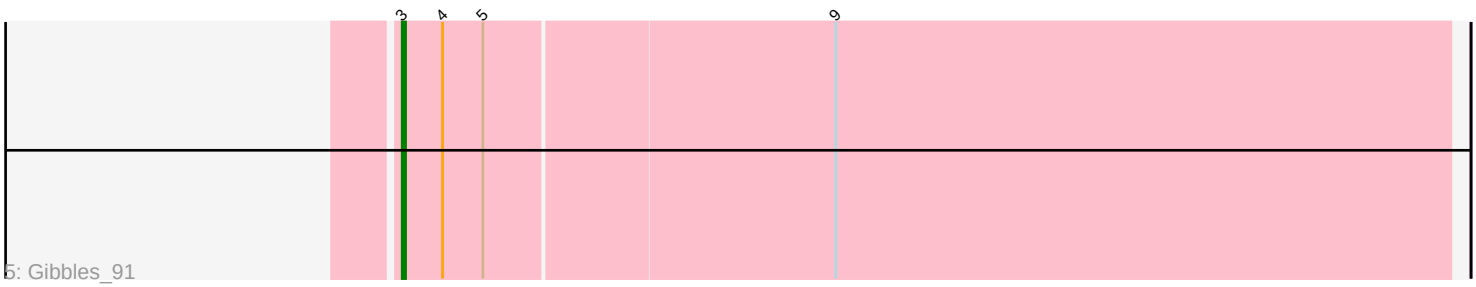
Pham 348427


1
2
3
7
8
10
11
15
1: Remus_78


3
7
8
10
11
15
2: Ravana_79


1
2
3
7
8
10
11
15
3: Strosahl_78


3
6
7
12
13
14
16
4: Upyo_49


3
4
5
9
5: Gibbles_91

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 348427 Report

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

Pham number 348427 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Remus_78
• Track 2 : Ravana_79
• Track 3 : Strosahl_78
• Track 4 : Upyo_49
• Track 5 : Gibbles_91

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

The start number called the most often in the published annotations is 3, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Gibbles_91, Ravana_79, Strosahl_78, Upyo_49,

Genes that have the "Most Annotated" start but do not call it:
• Remus_78,

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

Summary by start number:

Start 1:
• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Remus_78 (A15),

Start 3:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 80.0% of time when present
• Phage (with cluster) where this start called: Gibbles_91 (CX), Ravana_79 (A15), Strosahl_78 (A15), Upyo_49 (CD),

Summary by clusters:

There are 3 clusters represented in this pham: A15, CX, CD,

Info for manual annotations of cluster A15:
•Start number 1 was manually annotated 1 time for cluster A15.
•Start number 3 was manually annotated 2 times for cluster A15.

Info for manual annotations of cluster CD:
•Start number 3 was manually annotated 1 time for cluster CD.

Info for manual annotations of cluster CX:
•Start number 3 was manually annotated 1 time for cluster CX.

Gene Information:

Gene: Gibbles_91 Start: 68314, Stop: 68006, Start Num: 3
Candidate Starts for Gibbles_91:
(Start: 3 @68314 has 4 MA's), (4, 68302), (5, 68290), (9, 68188),

Gene: Ravana_79 Start: 44373, Stop: 44065, Start Num: 3
Candidate Starts for Ravana_79:
(Start: 3 @44373 has 4 MA's), (7, 44313), (8, 44280), (10, 44238), (11, 44181), (15, 44091),

Gene: Remus_78 Start: 43125, Stop: 42730, Start Num: 1
Candidate Starts for Remus_78:
(Start: 1 @43125 has 1 MA's), (2, 43086), (Start: 3 @43038 has 4 MA's), (7, 42978), (8, 42945), (10, 42903), (11, 42846), (15, 42756),

Gene: Strosahl_78 Start: 43038, Stop: 42730, Start Num: 3
Candidate Starts for Strosahl_78:
(Start: 1 @43125 has 1 MA's), (2, 43086), (Start: 3 @43038 has 4 MA's), (7, 42978), (8, 42945), (10, 42903), (11, 42846), (15, 42756),

Gene: Upyo_49 Start: 37404, Stop: 37087, Start Num: 3
Candidate Starts for Upyo_49:
(Start: 3 @37404 has 4 MA's), (6, 37371), (7, 37338), (12, 37188), (13, 37176), (14, 37131), (16, 37104),