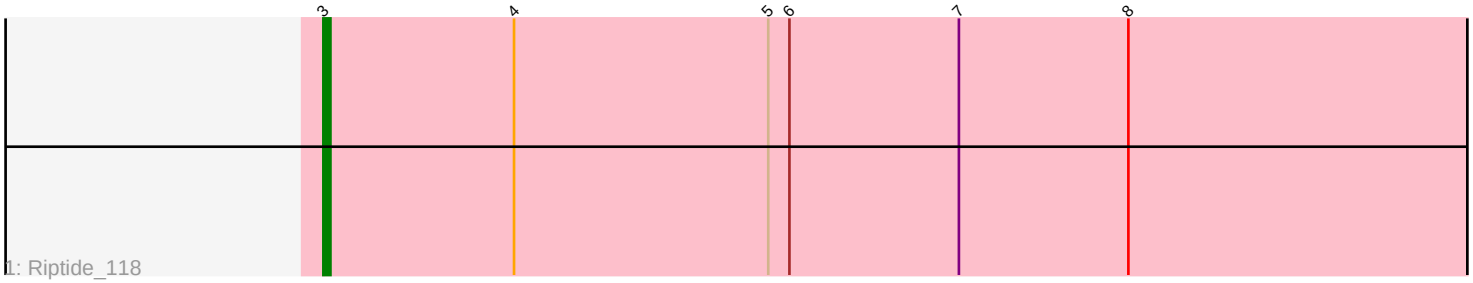
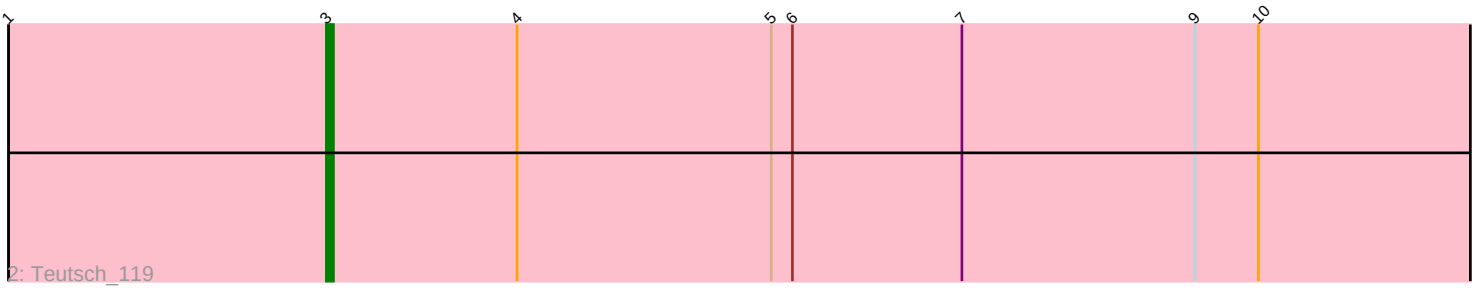
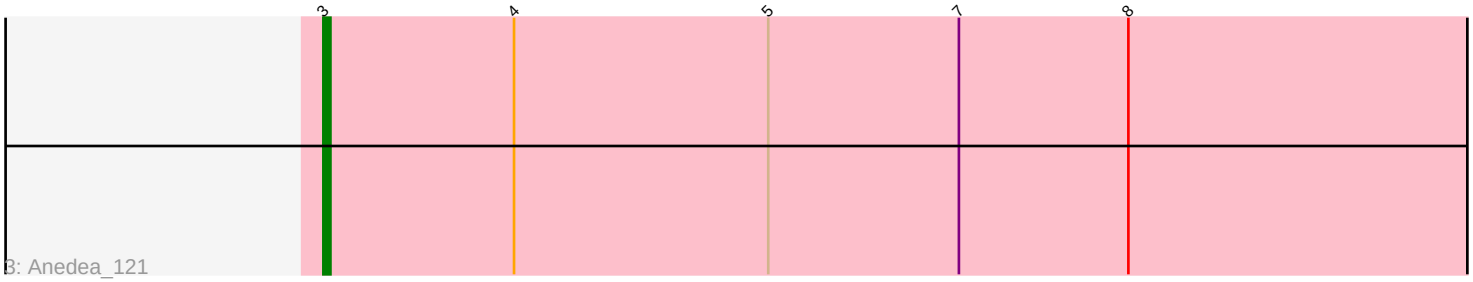
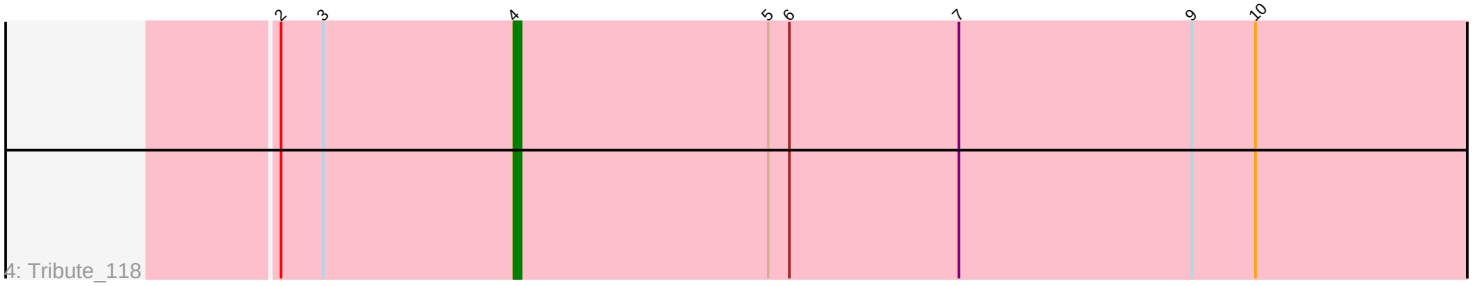
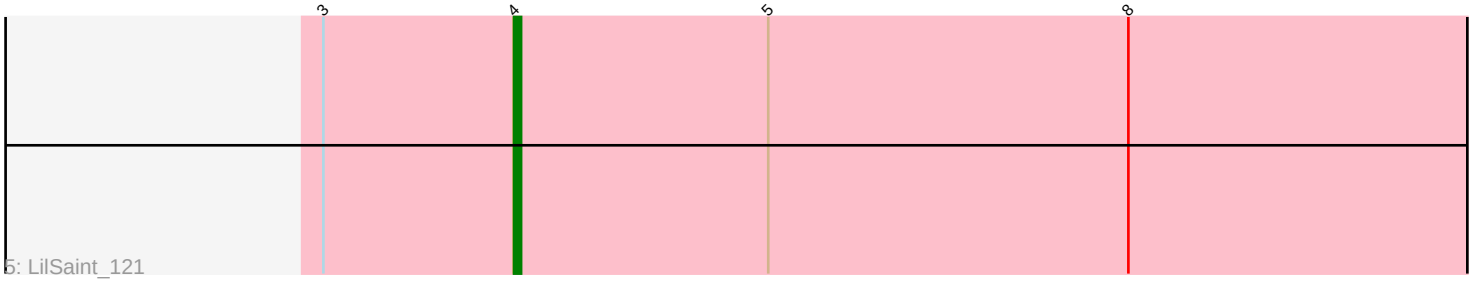
Pham 344811


3
4
5
6
7
8
1: Riptide_118


1
3
4
5
6
7
9
10
2: Teutsch_119


3
4
5
7
8
3: Anedea_121


2
3
4
5
6
7
9
10
4: Tribute_118


3
4
5
8
5: LilSaint_121

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 344811 Report

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

Pham number 344811 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Riptide_118
• Track 2 : Teutsch_119
• Track 3 : Anedea_121
• Track 4 : Tribute_118
• Track 5 : LilSaint_121

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 3 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anedea_121, Riptide_118, Teutsch_119,

Genes that have the "Most Annotated" start but do not call it:
• LilSaint_121, Tribute_118,

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

Summary by start number:

Start 3:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 5
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Anedea_121 (BE1), Riptide_118 (BE1), Teutsch_119 (BE1),

Start 4:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 40.0% of time when present
• Phage (with cluster) where this start called: LilSaint_121 (BE1), Tribute_118 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Info for manual annotations of cluster BE1:
•Start number 3 was manually annotated 3 times for cluster BE1.
•Start number 4 was manually annotated 2 times for cluster BE1.

Gene Information:

Gene: Anedea_121 Start: 78275, Stop: 78478, Start Num: 3
Candidate Starts for Anedea_121:
(Start: 3 @78275 has 3 MA's), (Start: 4 @78302 has 2 MA's), (5, 78338), (7, 78365), (8, 78389),

Gene: LilSaint_121 Start: 78193, Stop: 78369, Start Num: 4
Candidate Starts for LilSaint_121:
(Start: 3 @78166 has 3 MA's), (Start: 4 @78193 has 2 MA's), (5, 78229), (8, 78280),

Gene: Riptide_118 Start: 77711, Stop: 77914, Start Num: 3
Candidate Starts for Riptide_118:
(Start: 3 @77711 has 3 MA's), (Start: 4 @77738 has 2 MA's), (5, 77774), (6, 77777), (7, 77801), (8, 77825),

Gene: Teutsch_119 Start: 81169, Stop: 81369, Start Num: 3
Candidate Starts for Teutsch_119:
(1, 81124), (Start: 3 @81169 has 3 MA's), (Start: 4 @81196 has 2 MA's), (5, 81232), (6, 81235), (7, 81259), (9, 81292), (10, 81301),

Gene: Tribute_118 Start: 81036, Stop: 81209, Start Num: 4
Candidate Starts for Tribute_118:
(2, 81003), (Start: 3 @81009 has 3 MA's), (Start: 4 @81036 has 2 MA's), (5, 81072), (6, 81075), (7, 81099), (9, 81132), (10, 81141),