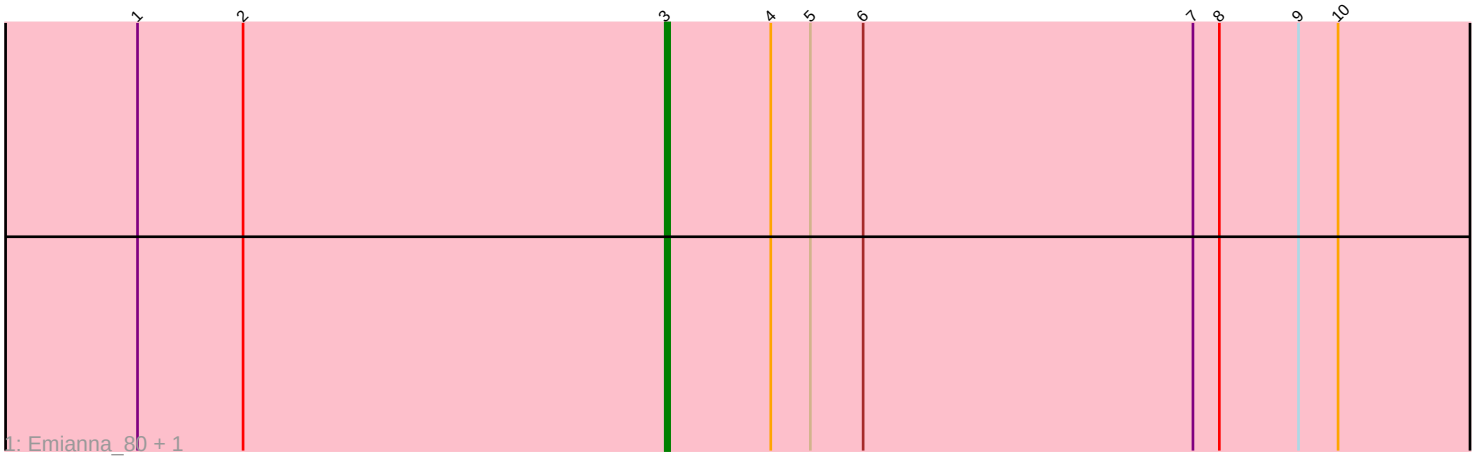
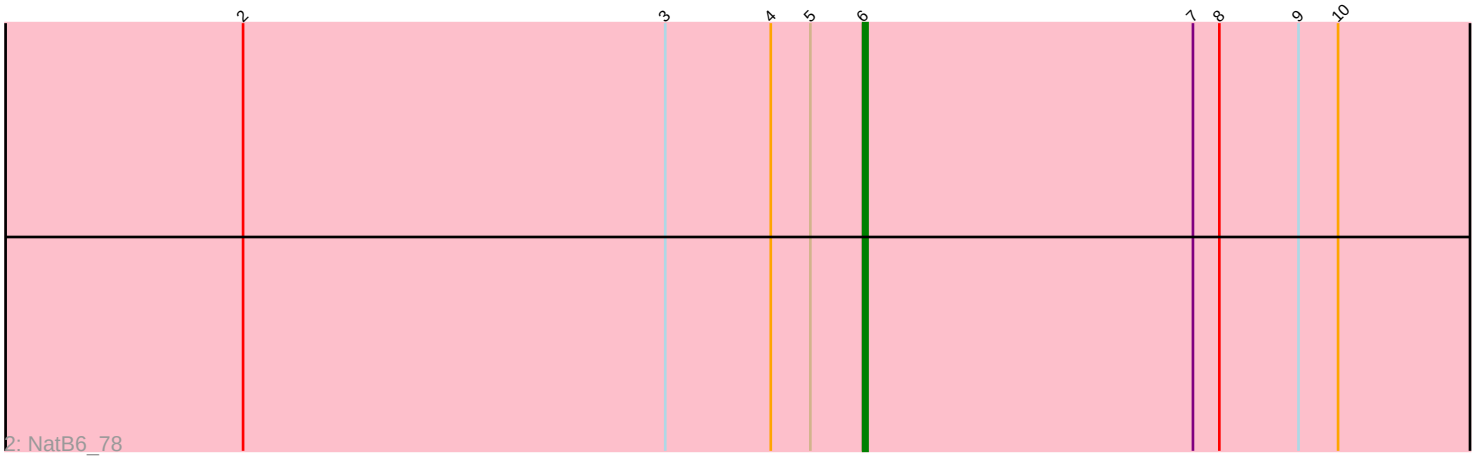
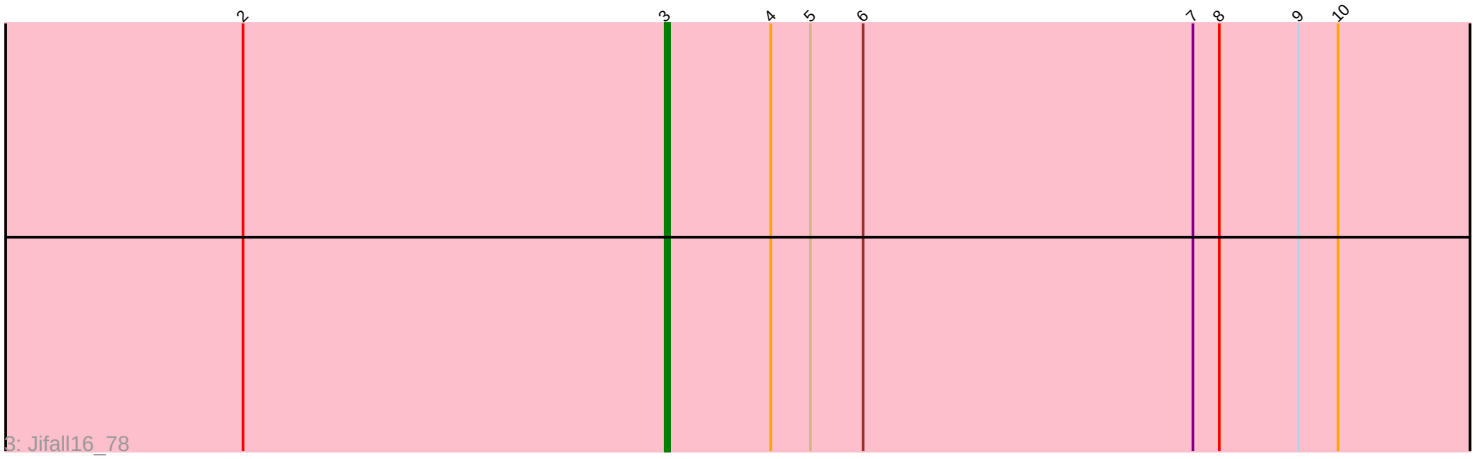
Pham 348490


1
2
3
4
5
6
7
8
9
10
1: Emianna_80 + 1


2
3
4
5
6
7
8
9
10
2: NatB6_78


2
3
4
5
6
7
8
9
10
3: Jifall16_78

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 348490 Report

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

Pham number 348490 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Emianna_80, Kurt_80
• Track 2 : NatB6_78
• Track 3 : Jifall16_78

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 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Emianna_80, Jifall16_78, Kurt_80,

Genes that have the "Most Annotated" start but do not call it:
• NatB6_78,

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

Summary by start number:

Start 3:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 4
• Called 75.0% of time when present
• Phage (with cluster) where this start called: Emianna_80 (CR2), Jifall16_78 (CR2), Kurt_80 (CR2),

Start 6:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 25.0% of time when present
• Phage (with cluster) where this start called: NatB6_78 (CR2),

Summary by clusters:

There is one cluster represented in this pham: CR2

Info for manual annotations of cluster CR2:
•Start number 3 was manually annotated 3 times for cluster CR2.
•Start number 6 was manually annotated 1 time for cluster CR2.

Gene Information:

Gene: Emianna_80 Start: 59805, Stop: 60059, Start Num: 3
Candidate Starts for Emianna_80:
(1, 59685), (2, 59709), (Start: 3 @59805 has 3 MA's), (4, 59829), (5, 59838), (Start: 6 @59850 has 1 MA's), (7, 59925), (8, 59931), (9, 59949), (10, 59958),

Gene: Jifall16_78 Start: 59032, Stop: 59286, Start Num: 3
Candidate Starts for Jifall16_78:
(2, 58936), (Start: 3 @59032 has 3 MA's), (4, 59056), (5, 59065), (Start: 6 @59077 has 1 MA's), (7, 59152), (8, 59158), (9, 59176), (10, 59185),

Gene: Kurt_80 Start: 59820, Stop: 60074, Start Num: 3
Candidate Starts for Kurt_80:
(1, 59700), (2, 59724), (Start: 3 @59820 has 3 MA's), (4, 59844), (5, 59853), (Start: 6 @59865 has 1 MA's), (7, 59940), (8, 59946), (9, 59964), (10, 59973),

Gene: NatB6_78 Start: 58484, Stop: 58693, Start Num: 6
Candidate Starts for NatB6_78:
(2, 58343), (Start: 3 @58439 has 3 MA's), (4, 58463), (5, 58472), (Start: 6 @58484 has 1 MA's), (7, 58559), (8, 58565), (9, 58583), (10, 58592),