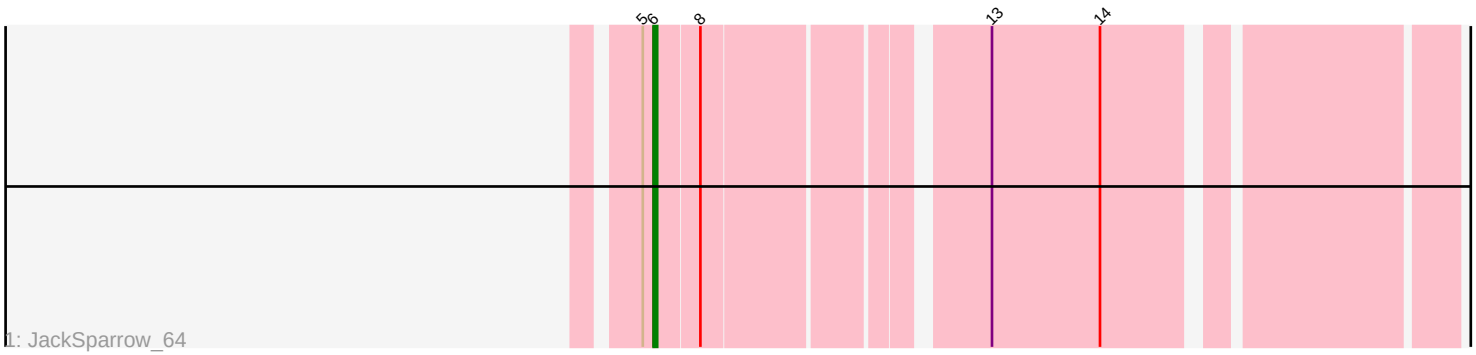
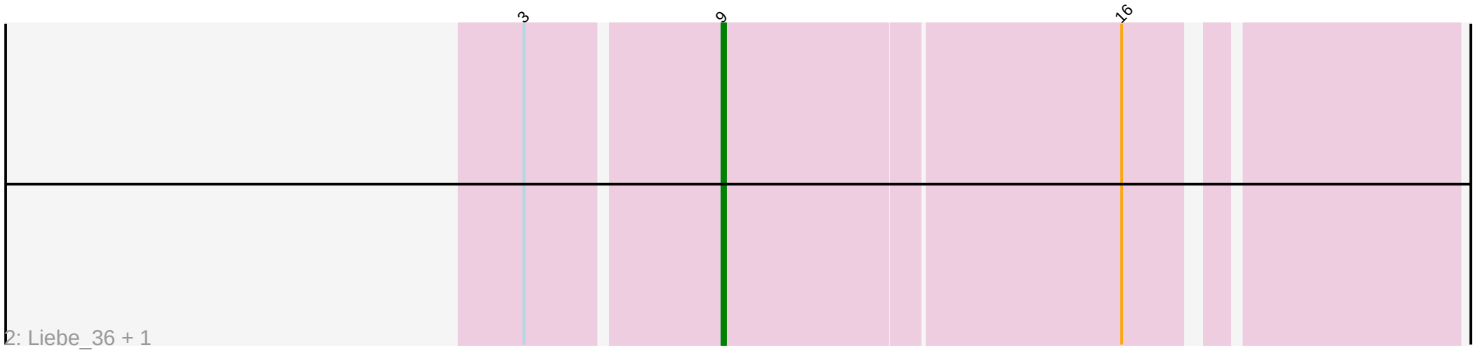
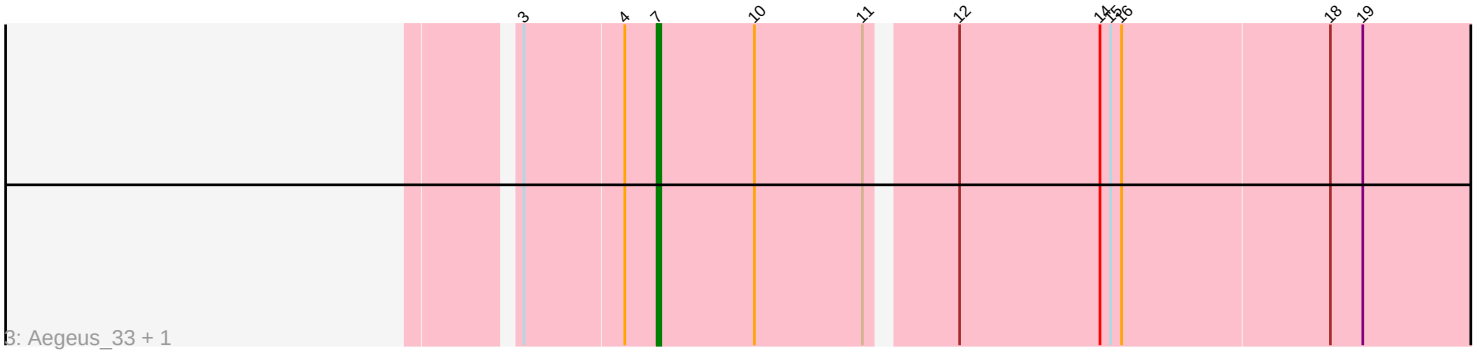
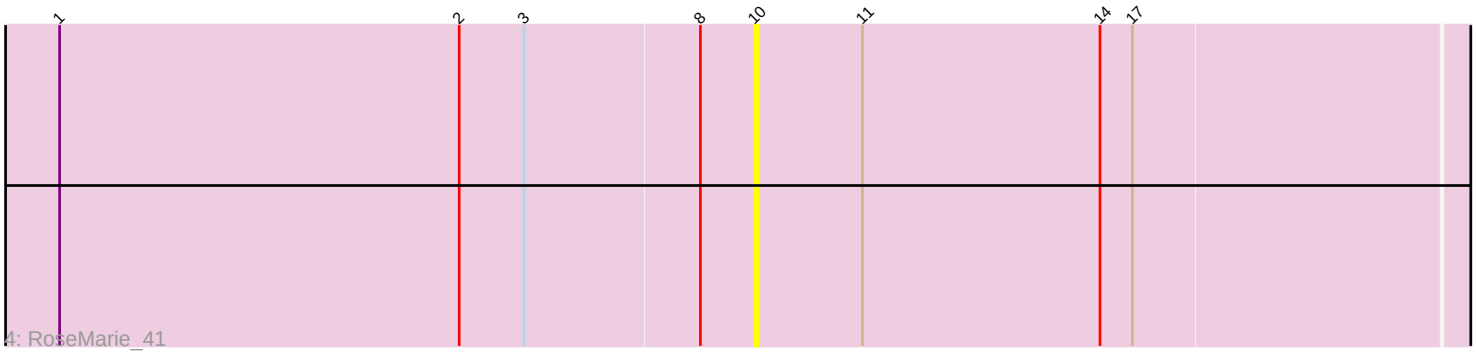
Pham 348376


5
6
8
13
14
1: JackSparrow_64


3
9
16
2: Liebe_36 + 1


3
4
7
10
11
12
14
15
16
18
19
3: Aegeus_33 + 1


1
2
3
8
10
11
14
17
4: RoseMarie_41

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 348376 Report

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

Pham number 348376 has 6 members, 1 are drafts.

Phages represented in each track:
• Track 1 : JackSparrow_64
• Track 2 : Liebe_36, IUFootball_36
• Track 3 : Aegeus_33, Baudelaire_33
• Track 4 : RoseMarie_41

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

The start number called the most often in the published annotations is 7, it was called in 2 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aegeus_33, Baudelaire_33,

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

Genes that do not have the "Most Annotated" start:
• IUFootball_36, JackSparrow_64, Liebe_36, RoseMarie_41,

Summary by start number:

Start 6:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: JackSparrow_64 (A1),

Start 7:
• Found in 2 of 6 (33.3%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Aegeus_33 (L5), Baudelaire_33 (L5),

Start 9:

• Found in 2 of 6 (33.3%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: IUFootball_36 (AZ2), Liebe_36 (AZ2),

Start 10:
• Found in 3 of 6 (50.0%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: RoseMarie_41 (M1),

Summary by clusters:

There are 4 clusters represented in this pham: A1, AZ2, L5, M1,

Info for manual annotations of cluster A1:
•Start number 6 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster AZ2:
•Start number 9 was manually annotated 2 times for cluster AZ2.

Info for manual annotations of cluster L5:
•Start number 7 was manually annotated 2 times for cluster L5.

Gene Information:

Gene: Aegeus_33 Start: 27825, Stop: 28055, Start Num: 7
Candidate Starts for Aegeus_33:
(3, 27789), (4, 27816), (Start: 7 @27825 has 2 MA's), (10, 27852), (11, 27882), (12, 27903), (14, 27942), (15, 27945), (16, 27948), (18, 28005), (19, 28014),

Gene: Baudelaire_33 Start: 27825, Stop: 28055, Start Num: 7
Candidate Starts for Baudelaire_33:
(3, 27789), (4, 27816), (Start: 7 @27825 has 2 MA's), (10, 27852), (11, 27882), (12, 27903), (14, 27942), (15, 27945), (16, 27948), (18, 28005), (19, 28014),

Gene: IUFootball_36 Start: 26803, Stop: 26994, Start Num: 9
Candidate Starts for IUFootball_36:
(3, 26752), (Start: 9 @26803 has 2 MA's), (16, 26911),

Gene: JackSparrow_64 Start: 41111, Stop: 40914, Start Num: 6
Candidate Starts for JackSparrow_64:
(5, 41114), (Start: 6 @41111 has 1 MA's), (8, 41099), (13, 41030), (14, 41000),

Gene: Liebe_36 Start: 26803, Stop: 26994, Start Num: 9
Candidate Starts for Liebe_36:
(3, 26752), (Start: 9 @26803 has 2 MA's), (16, 26911),

Gene: RoseMarie_41 Start: 35246, Stop: 35443, Start Num: 10
Candidate Starts for RoseMarie_41:

(1, 35054), (2, 35165), (3, 35183), (8, 35231), (10, 35246), (11, 35276), (14, 35342), (17, 35351),