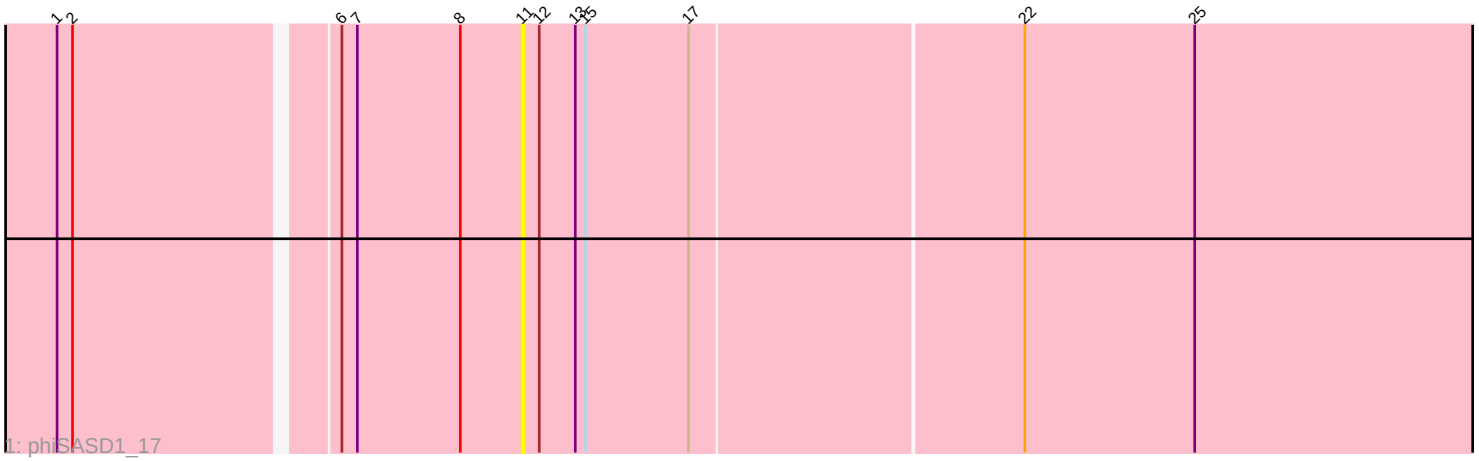
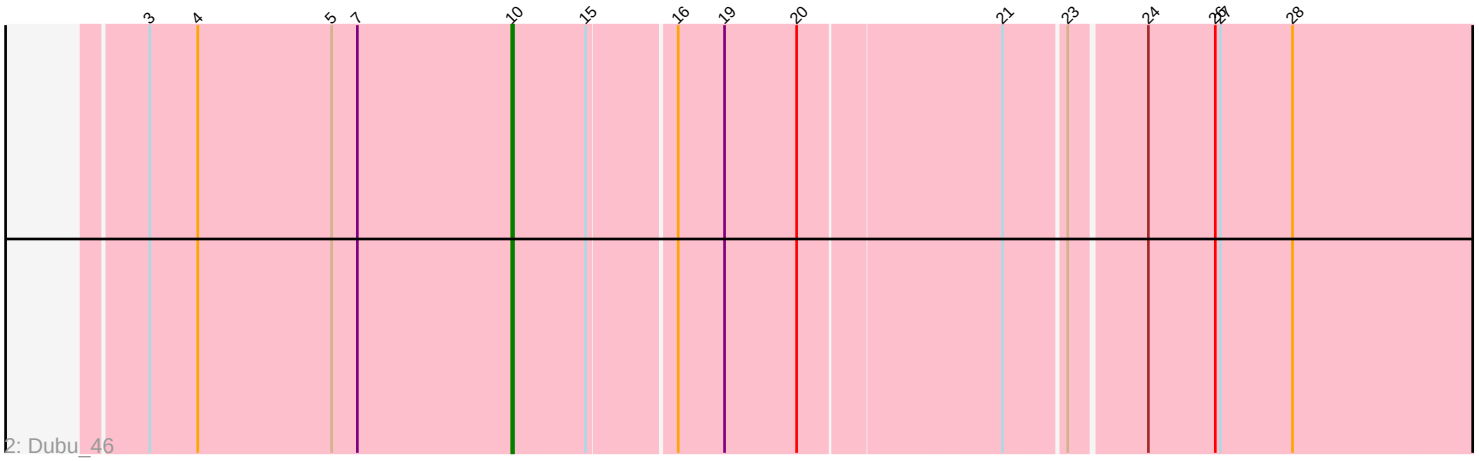
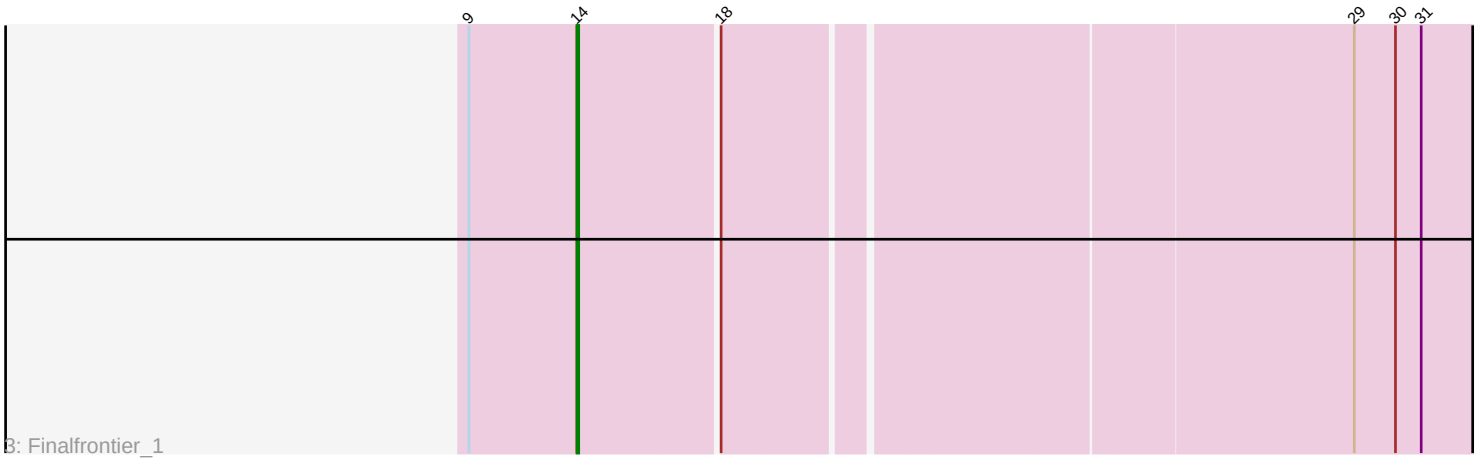
Pham 346716


1
2
6
7
8
11
12
13
15
17
22
25
1: phiSASD1_17


3
4
5
7
10
15
16
19
20
21
23
24
26
27
28
2: Dubu_46


9
14
18
29
30
31
3: Finalfrontier_1

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 346716 Report

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

Pham number 346716 has 3 members, 1 are drafts.

Phages represented in each track:
• Track 1 : phiSASD1_17
• Track 2 : Dubu_46
• Track 3 : Finalfrontier_1

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

The start number called the most often in the published annotations is 14, it was called in 1 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Finalfrontier_1,

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

Genes that do not have the "Most Annotated" start:
• Dubu_46, phiSASD1_17,

Summary by start number:

Start 10:
• Found in 1 of 3 (33.3%) of genes in pham
• Manual Annotations of this start: 1 of 2
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Dubu_46 (BJ),

Start 11:
• Found in 1 of 3 (33.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: phiSASD1_17 (BJ),

Start 14:
• Found in 1 of 3 (33.3%) of genes in pham

• Manual Annotations of this start: 1 of 2
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Finalfrontier_1 (EB),

Summary by clusters:

There are 2 clusters represented in this pham: BJ, EB,

Info for manual annotations of cluster BJ:
•Start number 10 was manually annotated 1 time for cluster BJ.

Info for manual annotations of cluster EB:
•Start number 14 was manually annotated 1 time for cluster EB.

Gene Information:

Gene: Dubu_46 Start: 37806, Stop: 38456, Start Num: 10
Candidate Starts for Dubu_46:
(3, 37596), (4, 37623), (5, 37701), (7, 37716), (Start: 10 @37806 has 1 MA's), (15, 37848), (16, 37896), (19, 37923), (20, 37965), (21, 38076), (23, 38109), (24, 38151), (26, 38190), (27, 38193), (28, 38235),

Gene: Finalfrontier_1 Start: 71, Stop: 643, Start Num: 14
Candidate Starts for Finalfrontier_1:
(9, 8), (Start: 14 @71 has 1 MA's), (18, 149), (29, 497), (30, 521), (31, 536),

Gene: phiSASD1_17 Start: 34426, Stop: 35082, Start Num: 11
Candidate Starts for phiSASD1_17:
(1, 34171), (2, 34180), (6, 34321), (7, 34330), (8, 34390), (11, 34426), (12, 34435), (13, 34456), (15, 34462), (17, 34522), (22, 34708), (25, 34807),