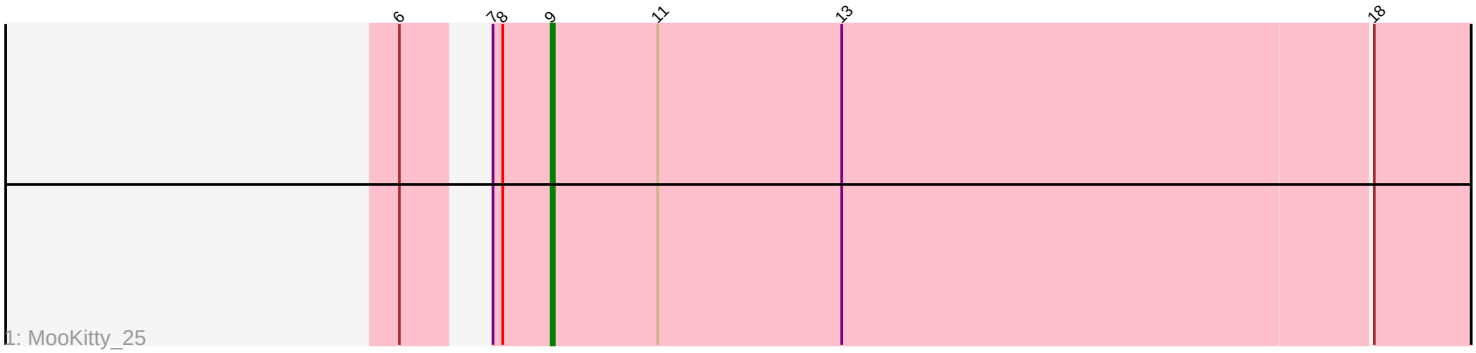
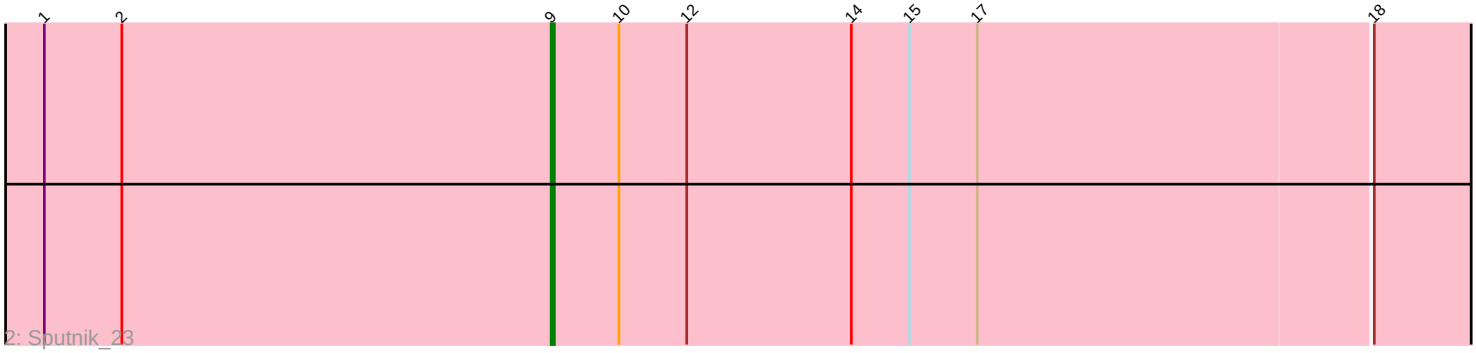
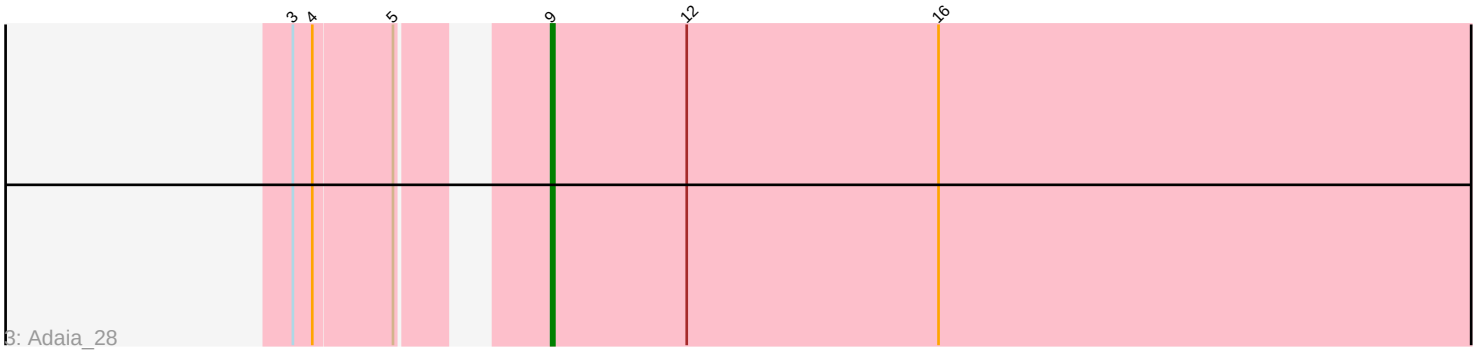
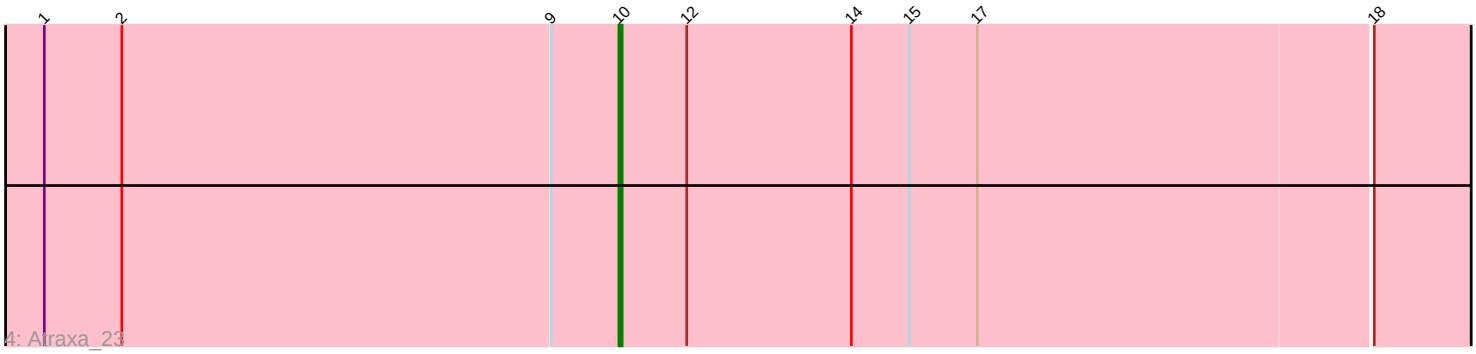
Pham 348495


6
7
8
9
11
13
18
1: MooKitty_25


1
2
9
10
12
14
15
17
18
2: Sputnik_23


3
4
5
9
12
16
3: Adaia_28


1
2
9
10
12
14
15
17
18
4: Atraxa_23

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 348495 Report

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

Pham number 348495 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : MooKitty_25
• Track 2 : Sputnik_23
• Track 3 : Adaia_28
• Track 4 : Atraxa_23

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

The start number called the most often in the published annotations is 9, it was called in 3 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Adaia_28, MooKitty_25, Sputnik_23,

Genes that have the "Most Annotated" start but do not call it:
• Atraxa_23,

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

Summary by start number:

Start 9:
• 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: Adaia_28 (AX), MooKitty_25 (AX), Sputnik_23 (AX),

Start 10:
• Found in 2 of 4 (50.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Atraxa_23 (AX),

Summary by clusters:

There is one cluster represented in this pham: AX

Info for manual annotations of cluster AX:
•Start number 9 was manually annotated 3 times for cluster AX.
•Start number 10 was manually annotated 1 time for cluster AX.

Gene Information:

Gene: Adaia_28 Start: 15533, Stop: 15820, Start Num: 9
Candidate Starts for Adaia_28:
(3, 15470), (4, 15476), (5, 15500), (Start: 9 @15533 has 3 MA's), (12, 15575), (16, 15653),

Gene: Atraxa_23 Start: 14644, Stop: 14904, Start Num: 10
Candidate Starts for Atraxa_23:
(1, 14467), (2, 14491), (Start: 9 @14623 has 3 MA's), (Start: 10 @14644 has 1 MA's), (12, 14665), (14, 14716), (15, 14734), (17, 14755), (18, 14875),

Gene: MooKitty_25 Start: 15668, Stop: 15949, Start Num: 9
Candidate Starts for MooKitty_25:
(6, 15635), (7, 15650), (8, 15653), (Start: 9 @15668 has 3 MA's), (11, 15701), (13, 15758), (18, 15920),

Gene: Sputnik_23 Start: 14623, Stop: 14904, Start Num: 9
Candidate Starts for Sputnik_23:
(1, 14467), (2, 14491), (Start: 9 @14623 has 3 MA's), (Start: 10 @14644 has 1 MA's), (12, 14665), (14, 14716), (15, 14734), (17, 14755), (18, 14875),