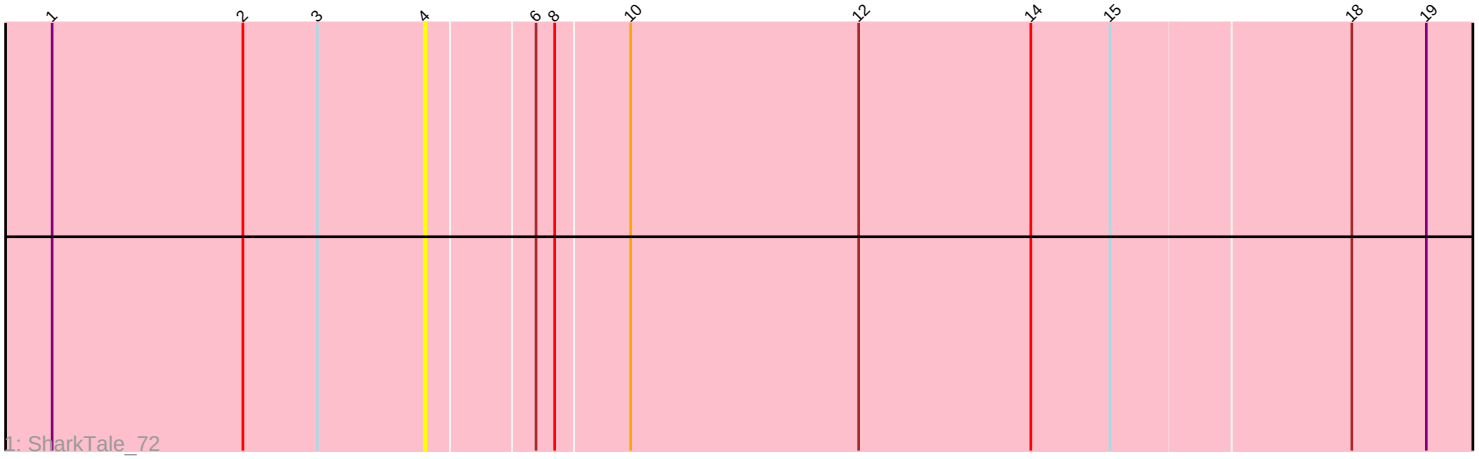
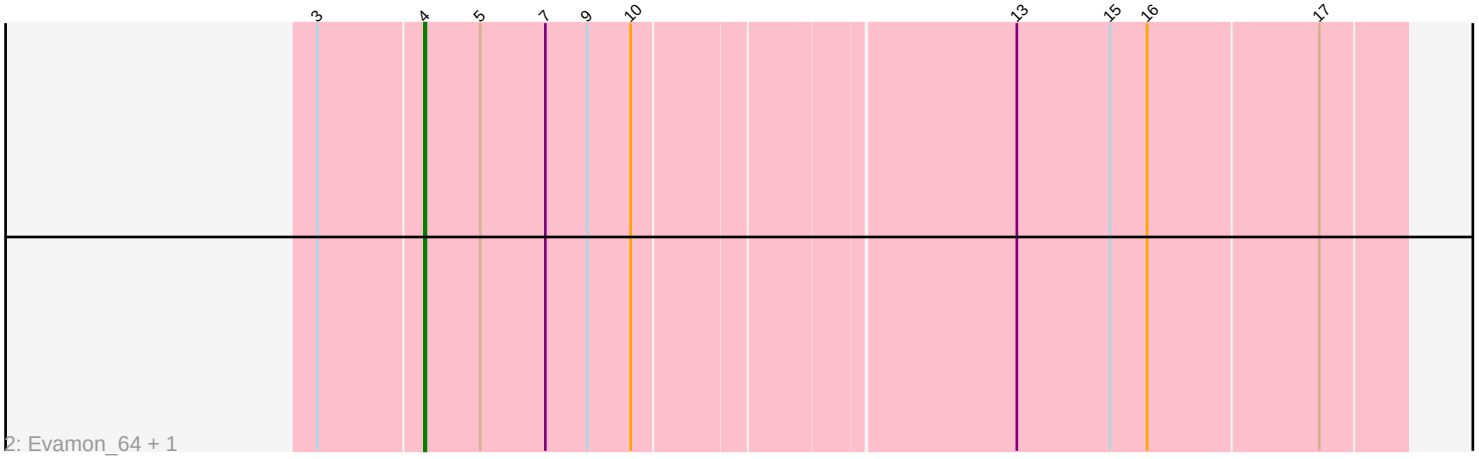
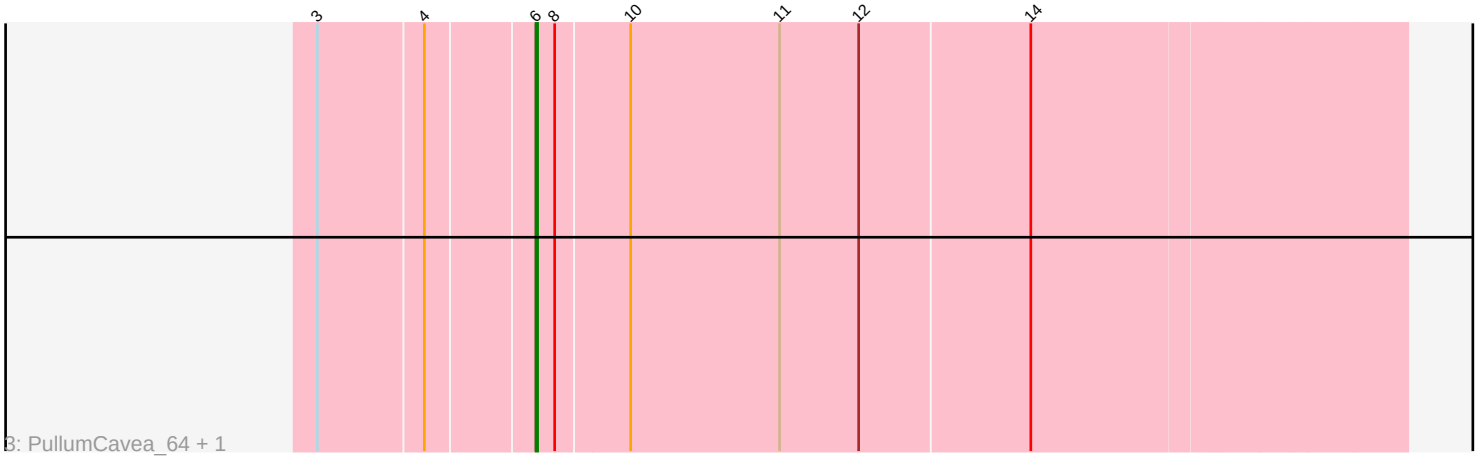
Pham 342982


1
2
3
4
6
8
10
12
14
15
18
19
1: SharkTale_72


3
4
5
7
9
10
13
15
16
17
2: Evamon_64 + 1


3
4
6
8
10
11
12
14
3: PullumCavea_64 + 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 342982 Report

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

Pham number 342982 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : SharkTale_72
• Track 2 : Evamon_64, Salvador_64
• Track 3 : PullumCavea_64, Phlop_63

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

The start number called the most often in the published annotations is 6, it was called in 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Phlop_63, PullumCavea_64,

Genes that have the "Most Annotated" start but do not call it:
• SharkTale_72,

Genes that do not have the "Most Annotated" start:
• Evamon_64, Salvador_64,

Summary by start number:

Start 4:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Evamon_64 (DC1), Salvador_64 (DC1), SharkTale_72 (DC1),

Start 6:
• Found in 3 of 5 (60.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Phlop_63 (DC1), PullumCavea_64 (DC1),

Summary by clusters:

There is one cluster represented in this pham: DC1

Info for manual annotations of cluster DC1:
•Start number 4 was manually annotated 2 times for cluster DC1.
•Start number 6 was manually annotated 2 times for cluster DC1.

Gene Information:

Gene: Evamon_64 Start: 47648, Stop: 48256, Start Num: 4
Candidate Starts for Evamon_64:
(3, 47582), (Start: 4 @47648 has 2 MA's), (5, 47684), (7, 47726), (9, 47753), (10, 47780), (13, 48011), (15, 48071), (16, 48095), (17, 48203),

Gene: Phlop_63 Start: 48176, Stop: 48721, Start Num: 6
Candidate Starts for Phlop_63:
(3, 48044), (Start: 4 @48110 has 2 MA's), (Start: 6 @48176 has 2 MA's), (8, 48188), (10, 48233), (11, 48329), (12, 48380), (14, 48488),

Gene: PullumCavea_64 Start: 48353, Stop: 48898, Start Num: 6
Candidate Starts for PullumCavea_64:
(3, 48221), (Start: 4 @48287 has 2 MA's), (Start: 6 @48353 has 2 MA's), (8, 48365), (10, 48410), (11, 48506), (12, 48557), (14, 48665),

Gene: Salvador_64 Start: 47646, Stop: 48254, Start Num: 4
Candidate Starts for Salvador_64:
(3, 47580), (Start: 4 @47646 has 2 MA's), (5, 47682), (7, 47724), (9, 47751), (10, 47778), (13, 48009), (15, 48069), (16, 48093), (17, 48201),

Gene: SharkTale_72 Start: 51476, Stop: 52186, Start Num: 4
Candidate Starts for SharkTale_72:
(1, 51236), (2, 51359), (3, 51407), (Start: 4 @51476 has 2 MA's), (Start: 6 @51542 has 2 MA's), (8, 51554), (10, 51599), (12, 51746), (14, 51857), (15, 51908), (18, 52058), (19, 52106),