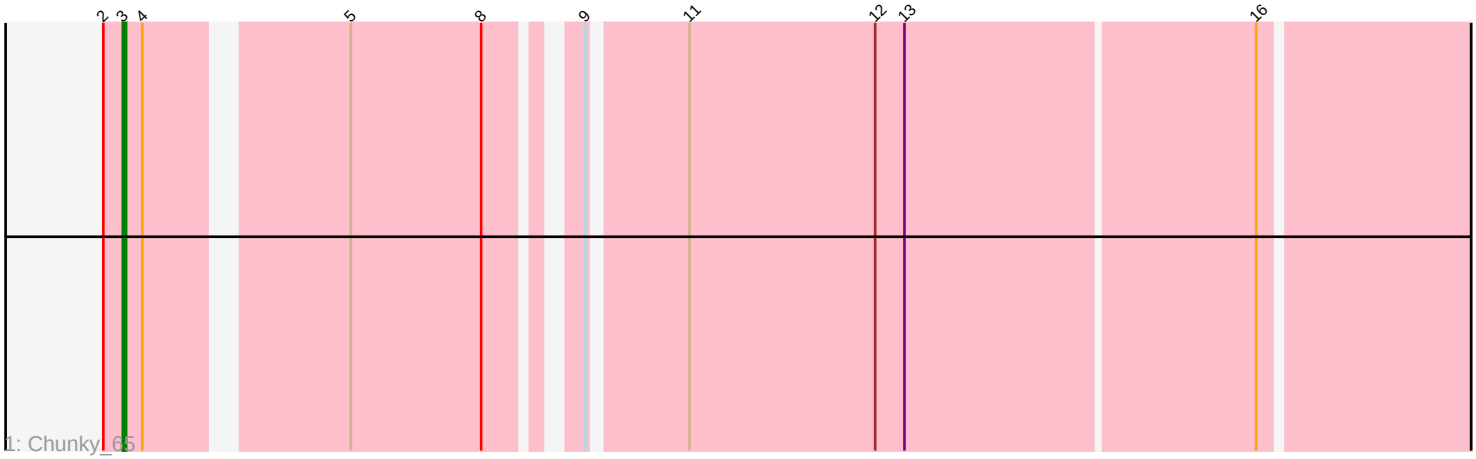
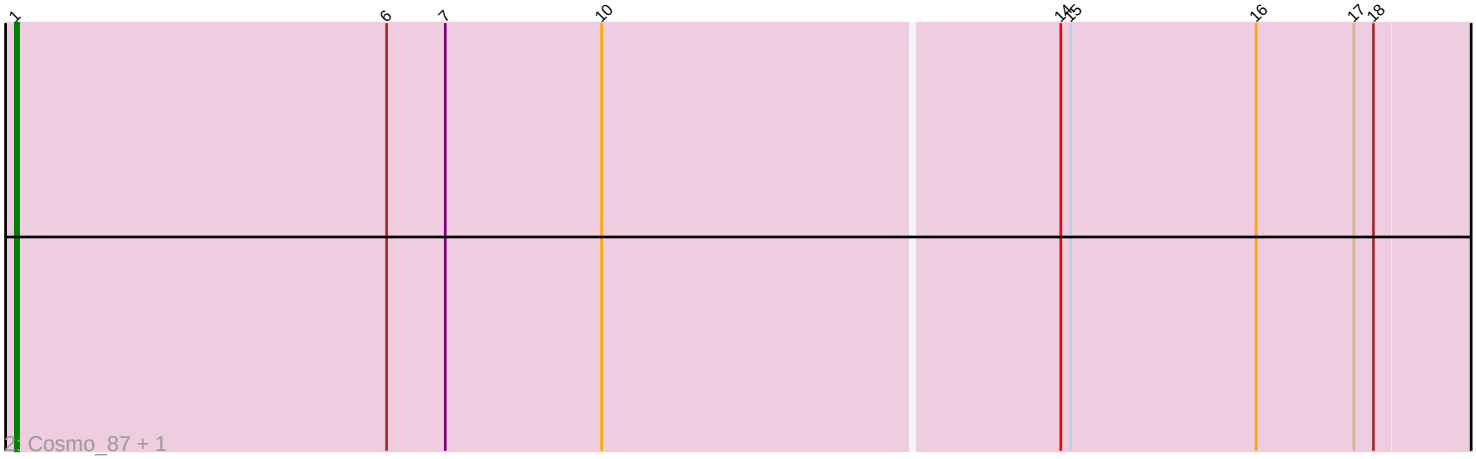
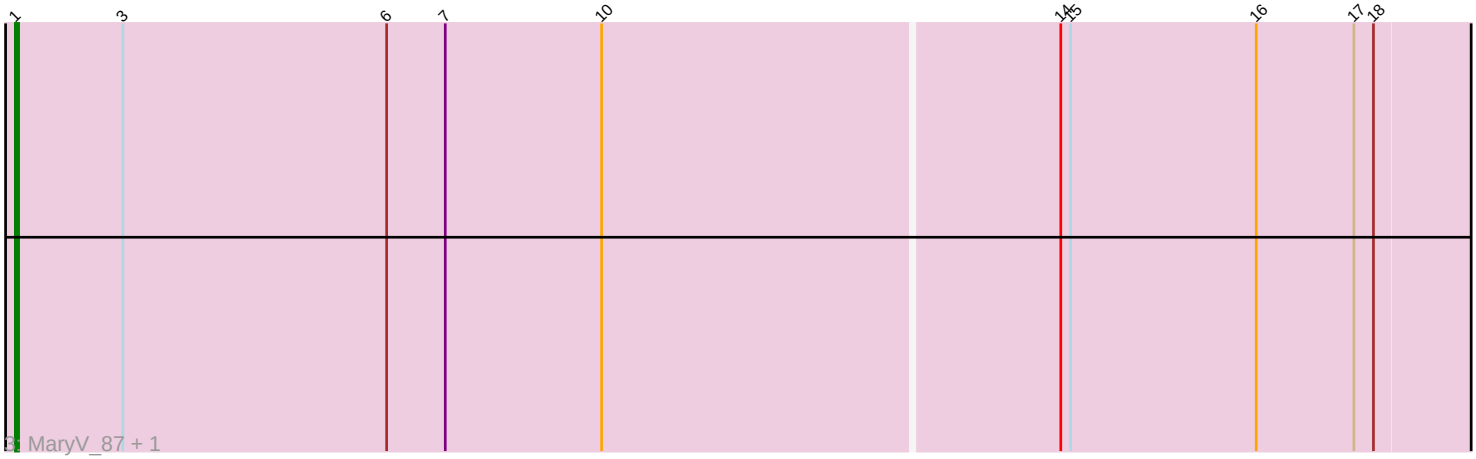
Pham 348448


2
3
4
5
8
9
11
12
13
16
1: Chunky_65


1
6
7
10
14
15
16
17
18
2: Cosmo_87 + 1


1
3
6
7
10
14
15
16
17
18
3: MaryV_87 + 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 348448 Report

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

Pham number 348448 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Chunky_65
• Track 2 : Cosmo_87, EniyanLRS_83
• Track 3 : MaryV_87, Wildcat_87

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

The start number called the most often in the published annotations is 1, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Cosmo_87, EniyanLRS_83, MaryV_87, Wildcat_87,

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

Genes that do not have the "Most Annotated" start:
• Chunky_65,

Summary by start number:

Start 1:
• Found in 4 of 5 (80.0%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cosmo_87 (V), EniyanLRS_83 (V), MaryV_87 (V), Wildcat_87 (V),

Start 3:
• Found in 3 of 5 (60.0%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Chunky_65 (B1),

Summary by clusters:

There are 2 clusters represented in this pham: B1, V,

Info for manual annotations of cluster B1:
•Start number 3 was manually annotated 1 time for cluster B1.

Info for manual annotations of cluster V:
•Start number 1 was manually annotated 4 times for cluster V.

Gene Information:

Gene: Chunky_65 Start: 55558, Stop: 55121, Start Num: 3
Candidate Starts for Chunky_65:
(2, 55564), (Start: 3 @55558 has 1 MA's), (4, 55552), (5, 55498), (8, 55459), (9, 55438), (11, 55411), (12, 55354), (13, 55345), (16, 55240),

Gene: Cosmo_87 Start: 53401, Stop: 53880, Start Num: 1
Candidate Starts for Cosmo_87:
(Start: 1 @53401 has 4 MA's), (6, 53515), (7, 53533), (10, 53581), (14, 53719), (15, 53722), (16, 53779), (17, 53809), (18, 53815),

Gene: EniyanLRS_83 Start: 53140, Stop: 53619, Start Num: 1
Candidate Starts for EniyanLRS_83:
(Start: 1 @53140 has 4 MA's), (6, 53254), (7, 53272), (10, 53320), (14, 53458), (15, 53461), (16, 53518), (17, 53548), (18, 53554),

Gene: MaryV_87 Start: 53222, Stop: 53701, Start Num: 1
Candidate Starts for MaryV_87:
(Start: 1 @53222 has 4 MA's), (Start: 3 @53255 has 1 MA's), (6, 53336), (7, 53354), (10, 53402), (14, 53540), (15, 53543), (16, 53600), (17, 53630), (18, 53636),

Gene: Wildcat_87 Start: 53232, Stop: 53711, Start Num: 1
Candidate Starts for Wildcat_87:
(Start: 1 @53232 has 4 MA's), (Start: 3 @53265 has 1 MA's), (6, 53346), (7, 53364), (10, 53412), (14, 53550), (15, 53553), (16, 53610), (17, 53640), (18, 53646),