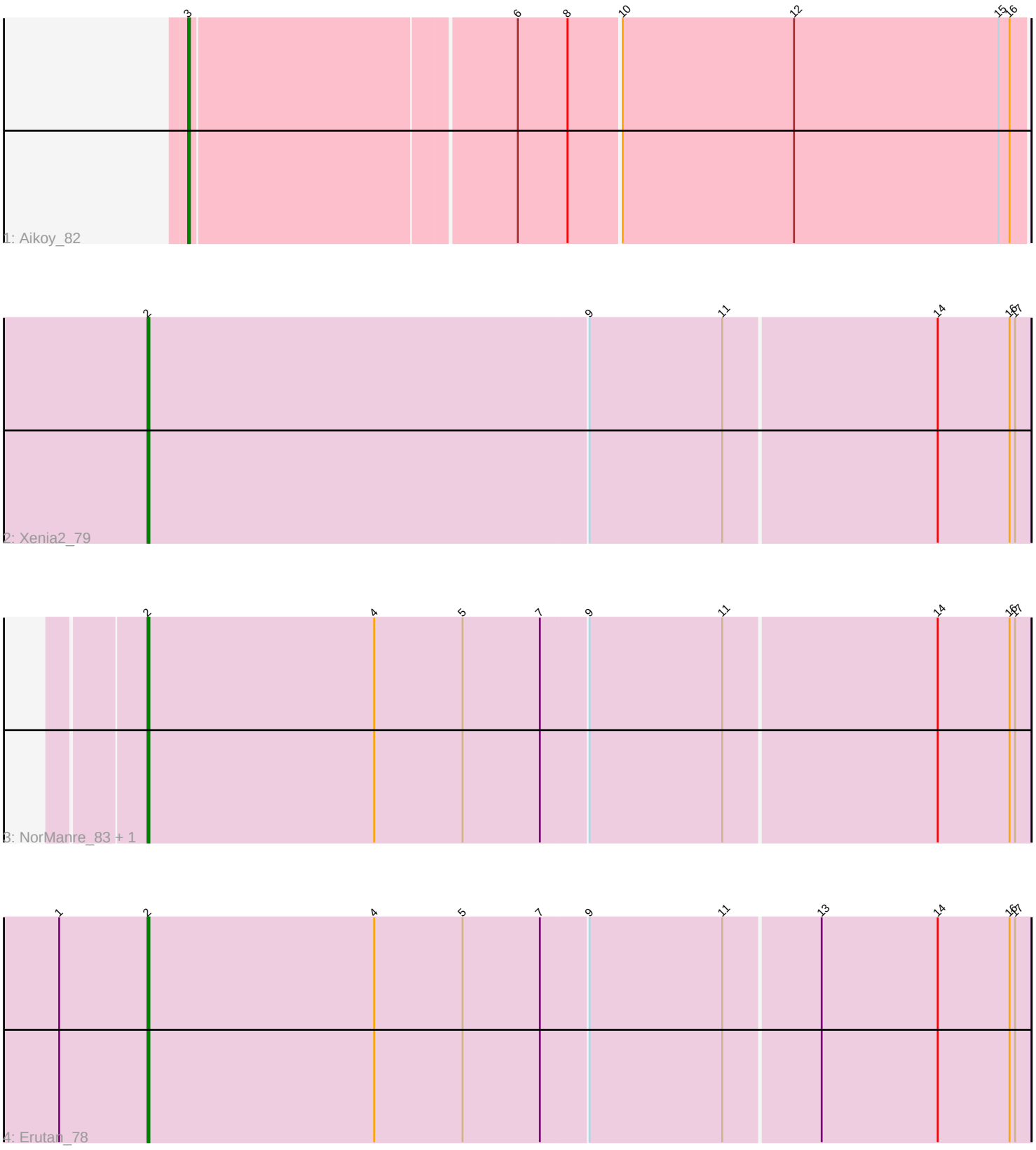
Pham 348442


3
6
8
10
12
15
16
1: Aikoy_82
2
9
11
14
16
17
2: Xenia2_79
2
4
5
7
9
11
14
16
17
3: NorManre_83 + 1
1
2
4
5
7
9
11
13
14
16
17
4: Erutan_78

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 348442 Report

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

Pham number 348442 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Aikoy_82
• Track 2 : Xenia2_79
• Track 3 : NorManre_83, Patos_83
• Track 4 : Erutan_78

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

The start number called the most often in the published annotations is 2, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Erutan_78, NorManre_83, Patos_83, Xenia2_79,

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

Genes that do not have the "Most Annotated" start:
• Aikoy_82,

Summary by start number:

Start 2:
• 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: Erutan_78 (DV), NorManre_83 (DV), Patos_83 (DV), Xenia2_79 (DV),

Start 3:
• Found in 1 of 5 (20.0%) 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: Aikoy_82 (AE),

Summary by clusters:

There are 2 clusters represented in this pham: DV, AE,

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

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

Gene Information:

Gene: Aikoy_82 Start: 56142, Stop: 56585, Start Num: 3
Candidate Starts for Aikoy_82:
(Start: 3 @56142 has 1 MA's), (6, 56313), (8, 56340), (10, 56367), (12, 56460), (15, 56571), (16, 56577),

Gene: Erutan_78 Start: 51463, Stop: 51936, Start Num: 2
Candidate Starts for Erutan_78:
(1, 51415), (Start: 2 @51463 has 4 MA's), (4, 51586), (5, 51634), (7, 51676), (9, 51700), (11, 51772), (13, 51823), (14, 51886), (16, 51925), (17, 51928),

Gene: NorManre_83 Start: 52765, Stop: 53238, Start Num: 2
Candidate Starts for NorManre_83:
(Start: 2 @52765 has 4 MA's), (4, 52888), (5, 52936), (7, 52978), (9, 53002), (11, 53074), (14, 53188), (16, 53227), (17, 53230),

Gene: Patos_83 Start: 52764, Stop: 53237, Start Num: 2
Candidate Starts for Patos_83:
(Start: 2 @52764 has 4 MA's), (4, 52887), (5, 52935), (7, 52977), (9, 53001), (11, 53073), (14, 53187), (16, 53226), (17, 53229),

Gene: Xenia2_79 Start: 51366, Stop: 51839, Start Num: 2
Candidate Starts for Xenia2_79:
(Start: 2 @51366 has 4 MA's), (9, 51603), (11, 51675), (14, 51789), (16, 51828), (17, 51831),