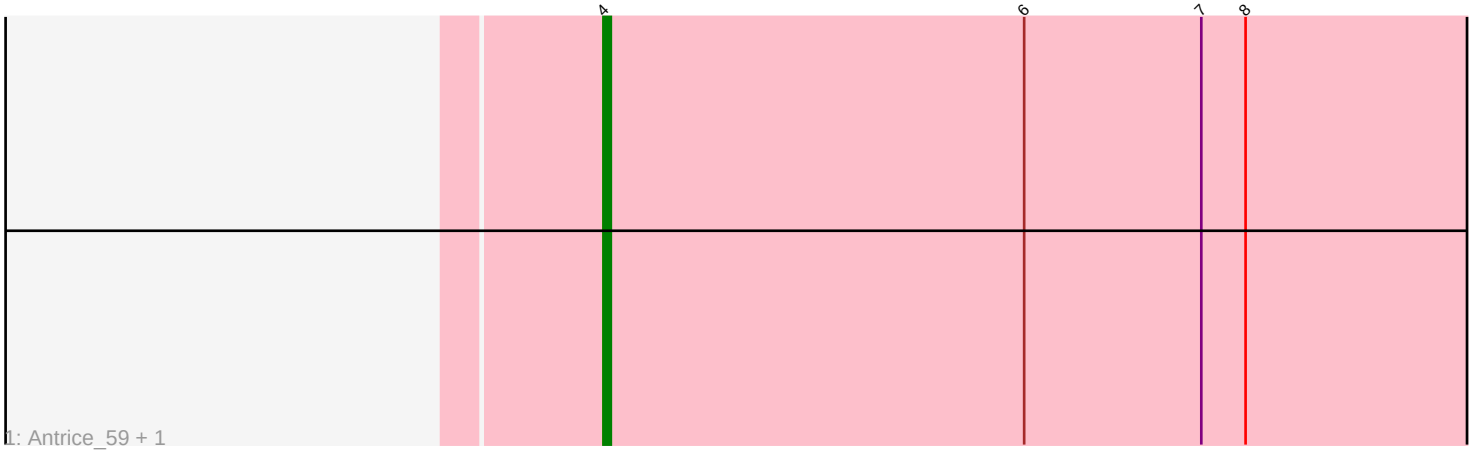
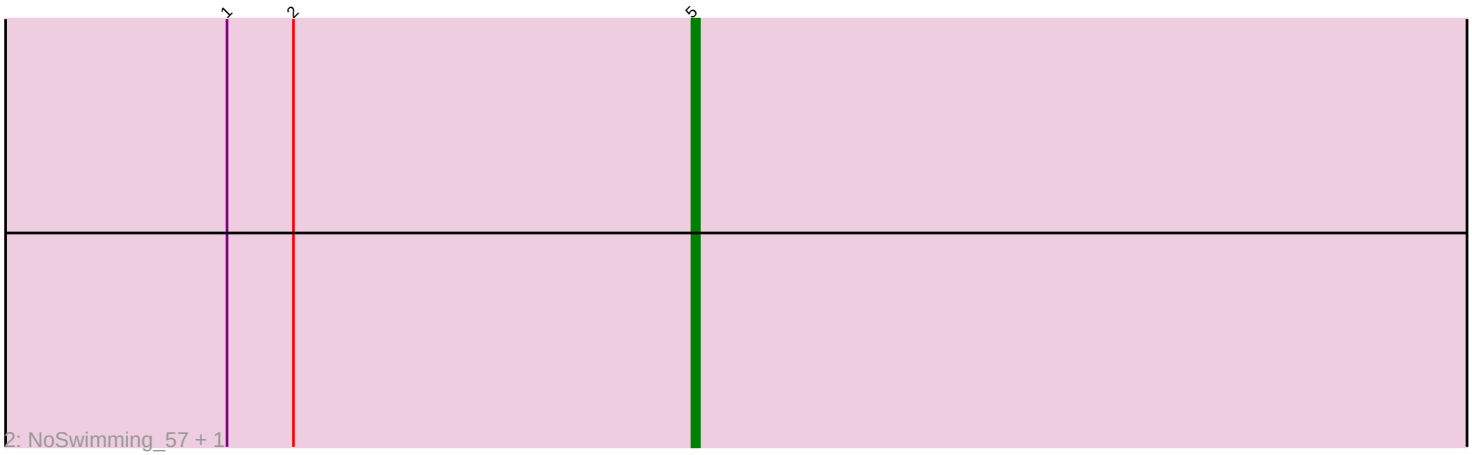
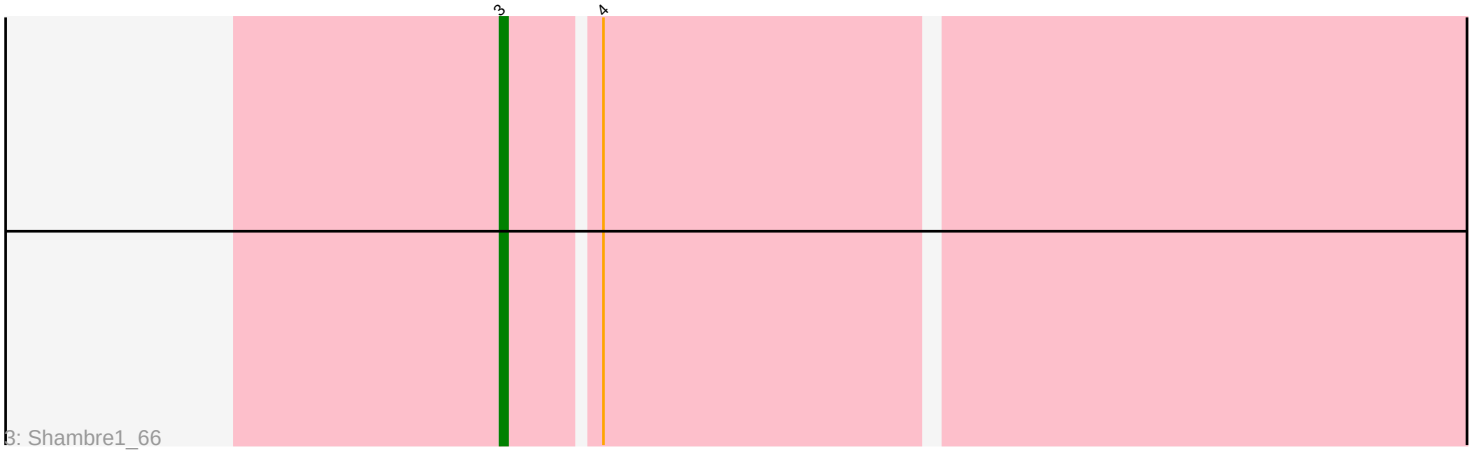
Pham 333677







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 333677 Report

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

Pham number 333677 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Antrice_59, Zhuangyuan_61
• Track 2 : NoSwimming_57, Scotia_56
• Track 3 : Shambre1_66

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

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

Genes that call this "Most Annotated" start:
• NoSwimming_57, Scotia_56,

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

Genes that do not have the "Most Annotated" start:
• Antrice_59, Shambre1_66, Zhuangyuan_61,

Summary by start number:

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: Shambre1_66 (singleton),

Start 4:
• Found in 3 of 5 (60.0%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Antrice_59 (AS2), Zhuangyuan_61 (AS2),

Start 5:

• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: NoSwimming_57 (FO), Scotia_56 (FO),

Summary by clusters:

There are 3 clusters represented in this pham: AS2, singleton, FO,

Info for manual annotations of cluster AS2:
•Start number 4 was manually annotated 2 times for cluster AS2.

Info for manual annotations of cluster FO:
•Start number 5 was manually annotated 2 times for cluster FO.

Gene Information:

Gene: Antrice_59 Start: 35388, Stop: 35513, Start Num: 4
Candidate Starts for Antrice_59:
(Start: 4 @35388 has 2 MA's), (6, 35445), (7, 35469), (8, 35475),

Gene: NoSwimming_57 Start: 39637, Stop: 39750, Start Num: 5
Candidate Starts for NoSwimming_57:
(1, 39574), (2, 39583), (Start: 5 @39637 has 2 MA's),

Gene: Scotia_56 Start: 38645, Stop: 38758, Start Num: 5
Candidate Starts for Scotia_56:
(1, 38582), (2, 38591), (Start: 5 @38645 has 2 MA's),

Gene: Shambre1_66 Start: 41392, Stop: 41565, Start Num: 3
Candidate Starts for Shambre1_66:
(Start: 3 @41392 has 1 MA's), (Start: 4 @41404 has 2 MA's),

Gene: Zhuangyuan_61 Start: 36054, Stop: 36179, Start Num: 4
Candidate Starts for Zhuangyuan_61:
(Start: 4 @36054 has 2 MA's), (6, 36111), (7, 36135), (8, 36141),