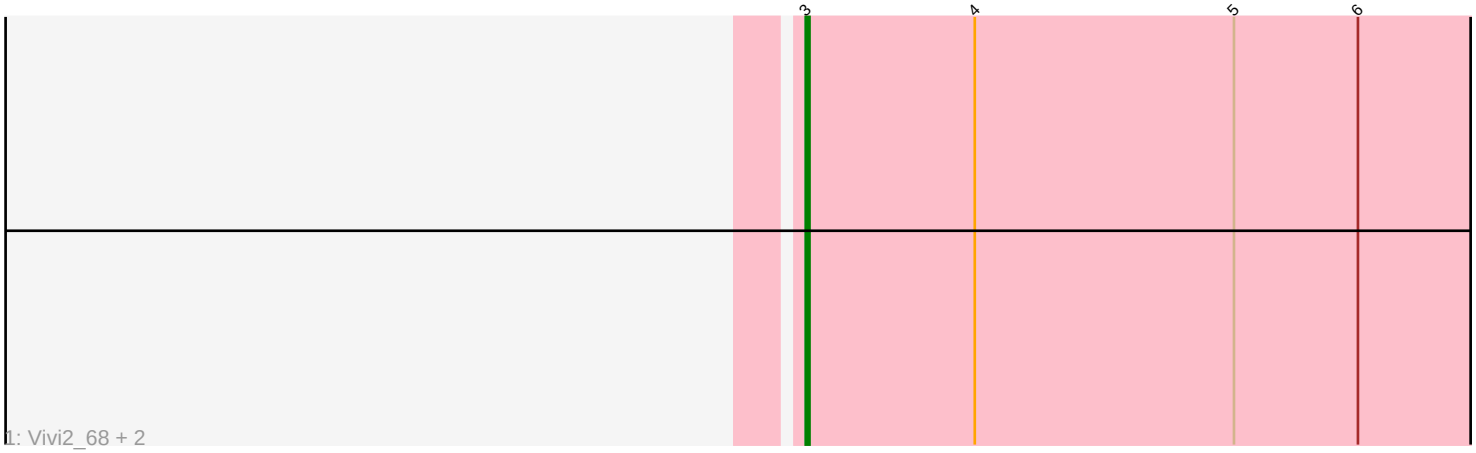
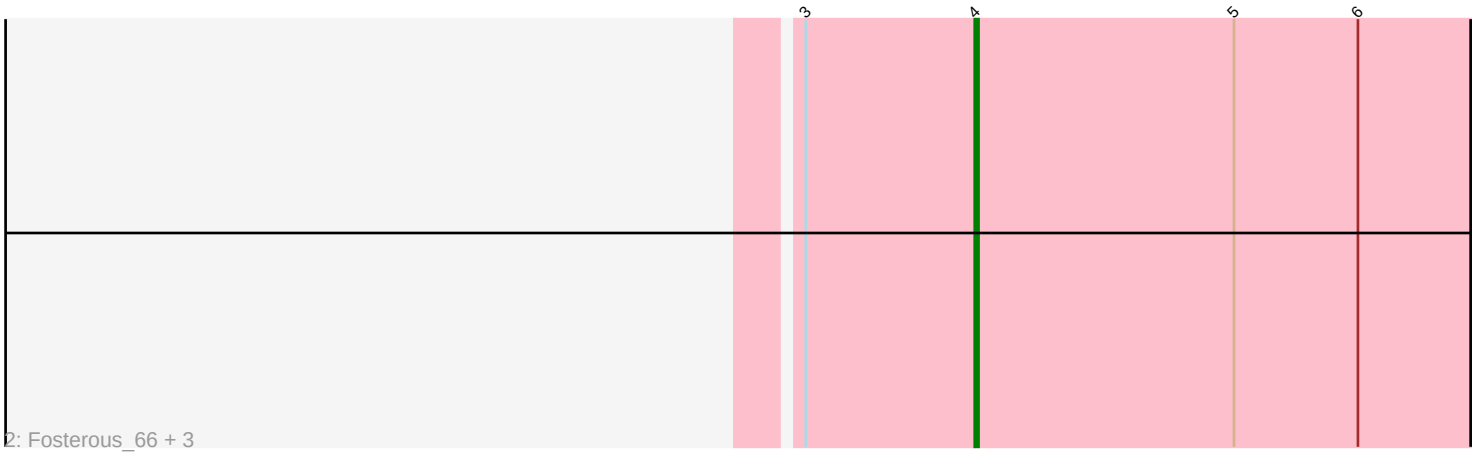
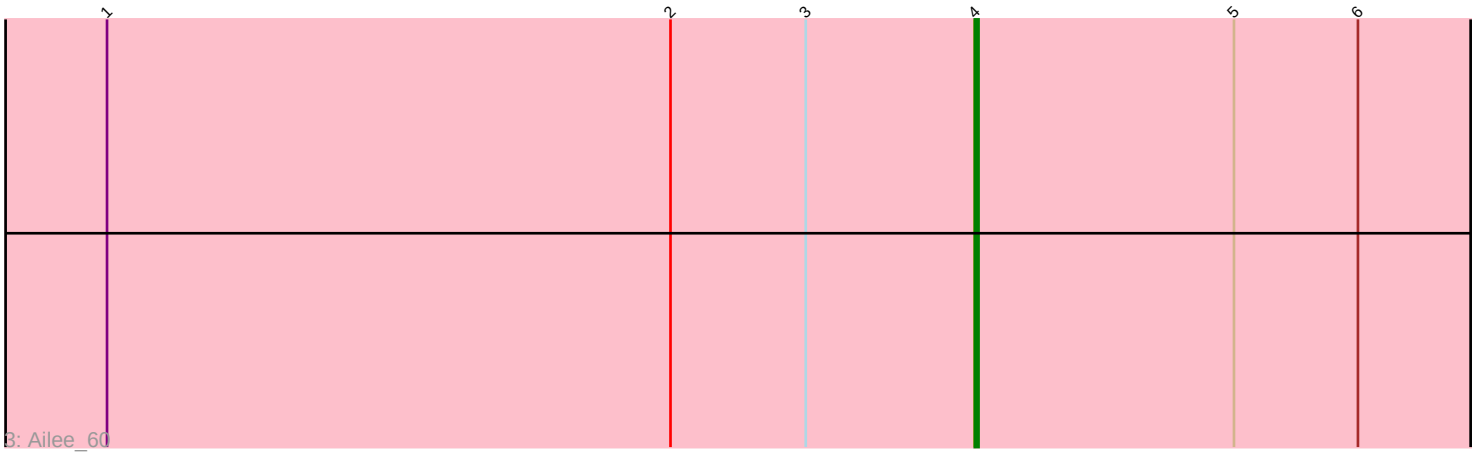
Pham 348329







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 348329 Report

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

Pham number 348329 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Vivi2_68, Charming_66, BobBob_63
• Track 2 : Fosterous_66, Nordenberg_61, Rofo_63, Tangent_65
• Track 3 : Ailee_60

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

The start number called the most often in the published annotations is 4, it was called in 5 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ailee_60, Fosterous_66, Nordenberg_61, Rofo_63, Tangent_65,

Genes that have the "Most Annotated" start but do not call it:
• BobBob_63, Charming_66, Vivi2_68,

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

Summary by start number:

Start 3:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 8
• Called 37.5% of time when present
• Phage (with cluster) where this start called: BobBob_63 (DE1), Charming_66 (DE1), Vivi2_68 (DE1),

Start 4:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 5 of 8
• Called 62.5% of time when present
• Phage (with cluster) where this start called: Ailee_60 (DE1), Fosterous_66 (DE1), Nordenberg_61 (DE1), Rofo_63 (DE1), Tangent_65 (DE1),

Summary by clusters:

There is one cluster represented in this pham: DE1

Info for manual annotations of cluster DE1:
•Start number 3 was manually annotated 3 times for cluster DE1.
•Start number 4 was manually annotated 5 times for cluster DE1.

Gene Information:

Gene: Ailee_60 Start: 49680, Stop: 49901, Start Num: 4
Candidate Starts for Ailee_60:
(1, 49449), (2, 49599), (Start: 3 @49635 has 3 MA's), (Start: 4 @49680 has 5 MA's), (5, 49749), (6, 49782),

Gene: BobBob_63 Start: 49536, Stop: 49802, Start Num: 3
Candidate Starts for BobBob_63:
(Start: 3 @49536 has 3 MA's), (Start: 4 @49581 has 5 MA's), (5, 49650), (6, 49683),

Gene: Charming_66 Start: 49480, Stop: 49746, Start Num: 3
Candidate Starts for Charming_66:
(Start: 3 @49480 has 3 MA's), (Start: 4 @49525 has 5 MA's), (5, 49594), (6, 49627),

Gene: Fosterous_66 Start: 50519, Stop: 50740, Start Num: 4
Candidate Starts for Fosterous_66:
(Start: 3 @50474 has 3 MA's), (Start: 4 @50519 has 5 MA's), (5, 50588), (6, 50621),

Gene: Nordenberg_61 Start: 49089, Stop: 49310, Start Num: 4
Candidate Starts for Nordenberg_61:
(Start: 3 @49044 has 3 MA's), (Start: 4 @49089 has 5 MA's), (5, 49158), (6, 49191),

Gene: Rofo_63 Start: 50101, Stop: 50322, Start Num: 4
Candidate Starts for Rofo_63:
(Start: 3 @50056 has 3 MA's), (Start: 4 @50101 has 5 MA's), (5, 50170), (6, 50203),

Gene: Tangent_65 Start: 49806, Stop: 50027, Start Num: 4
Candidate Starts for Tangent_65:
(Start: 3 @49761 has 3 MA's), (Start: 4 @49806 has 5 MA's), (5, 49875), (6, 49908),

Gene: Vivi2_68 Start: 50816, Stop: 51082, Start Num: 3
Candidate Starts for Vivi2_68:
(Start: 3 @50816 has 3 MA's), (Start: 4 @50861 has 5 MA's), (5, 50930), (6, 50963),