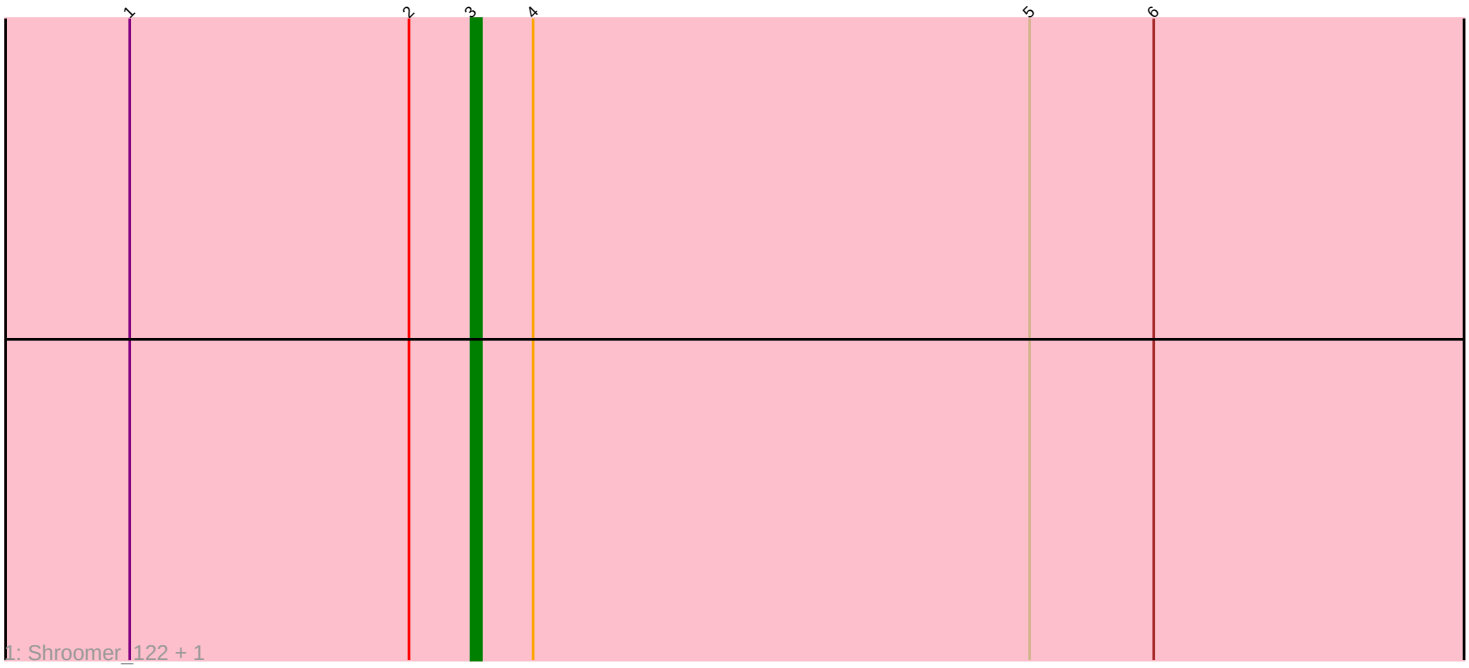
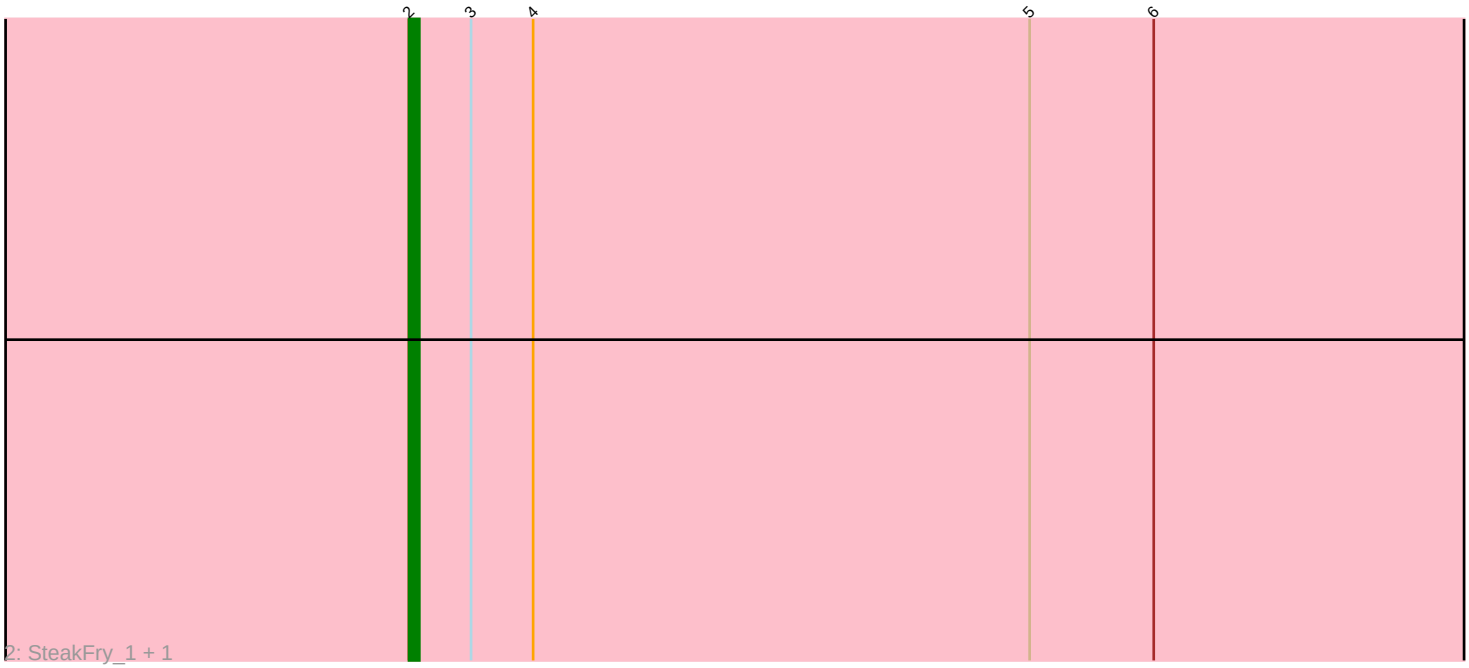
Pham 333711





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 333711 Report

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

Pham number 333711 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Shroomer_122, Shroomer_1
• Track 2 : SteakFry_1, SteakFry_119

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

The start number called the most often in the published annotations is 3, it was called in 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Shroomer_1, Shroomer_122,

Genes that have the "Most Annotated" start but do not call it:
• SteakFry_1, SteakFry_119,

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

Summary by start number:

Start 2:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: SteakFry_1 (ED2), SteakFry_119 (ED2),

Start 3:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Shroomer_1 (ED2), Shroomer_122 (ED2),

Summary by clusters:

There is one cluster represented in this pham: ED2

Info for manual annotations of cluster ED2:
•Start number 2 was manually annotated 2 times for cluster ED2.
•Start number 3 was manually annotated 2 times for cluster ED2.

Gene Information:

Gene: Shroomer_122 Start: 60153, Stop: 60293, Start Num: 3
Candidate Starts for Shroomer_122:
(1, 60120), (Start: 2 @60147 has 2 MA's), (Start: 3 @60153 has 2 MA's), (4, 60159), (5, 60207), (6, 60219),

Gene: Shroomer_1 Start: 224, Stop: 364, Start Num: 3
Candidate Starts for Shroomer_1:
(1, 191), (Start: 2 @218 has 2 MA's), (Start: 3 @224 has 2 MA's), (4, 230), (5, 278), (6, 290),

Gene: SteakFry_1 Start: 220, Stop: 366, Start Num: 2
Candidate Starts for SteakFry_1:
(Start: 2 @220 has 2 MA's), (Start: 3 @226 has 2 MA's), (4, 232), (5, 280), (6, 292),

Gene: SteakFry_119 Start: 60293, Stop: 60439, Start Num: 2
Candidate Starts for SteakFry_119:
(Start: 2 @60293 has 2 MA's), (Start: 3 @60299 has 2 MA's), (4, 60305), (5, 60353), (6, 60365),