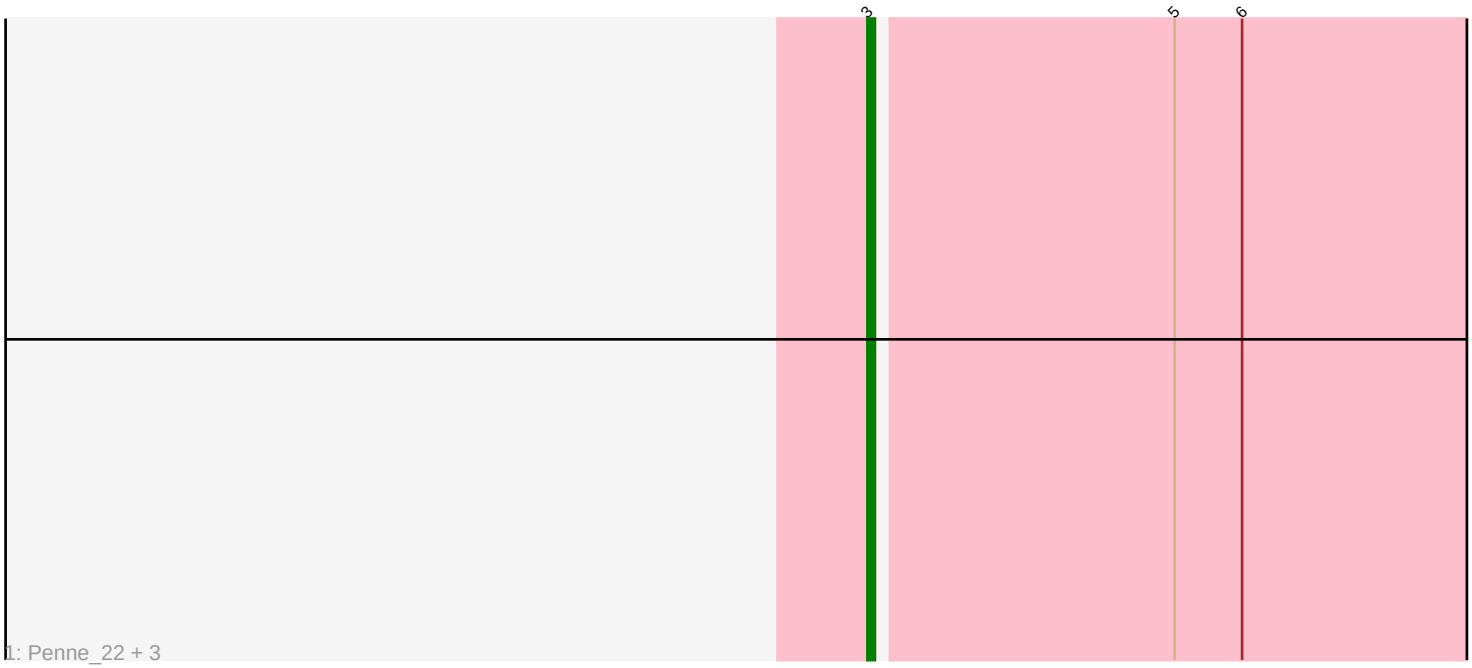
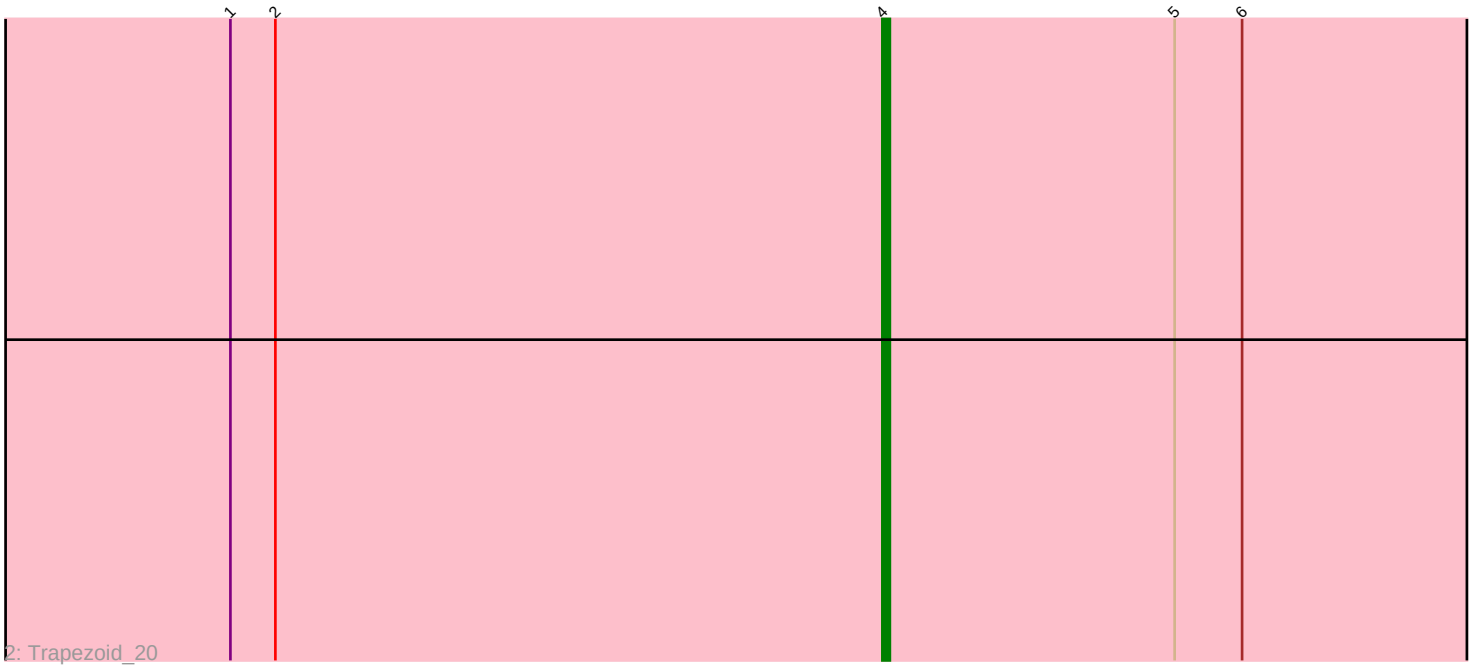
Pham 348457





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 348457 Report

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

Pham number 348457 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Penne_22, Fairywren_22, Brave_22, Squall_22
• Track 2 : Trapezoid_20

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 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Brave_22, Fairywren_22, Penne_22, Squall_22,

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

Genes that do not have the "Most Annotated" start:
• Trapezoid_20,

Summary by start number:

Start 3:
• 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: Brave_22 (JB1), Fairywren_22 (JB1), Penne_22 (JB1), Squall_22 (JB1),

Start 4:
• 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: Trapezoid_20 (JB1),

Summary by clusters:

There is one cluster represented in this pham: JB1

Info for manual annotations of cluster JB1:
•Start number 3 was manually annotated 4 times for cluster JB1.
•Start number 4 was manually annotated 1 time for cluster JB1.

Gene Information:

Gene: Brave_22 Start: 17155, Stop: 17280, Start Num: 3
Candidate Starts for Brave_22:
(Start: 3 @17155 has 4 MA's), (5, 17194), (6, 17203),

Gene: Fairywren_22 Start: 17103, Stop: 17228, Start Num: 3
Candidate Starts for Fairywren_22:
(Start: 3 @17103 has 4 MA's), (5, 17142), (6, 17151),

Gene: Penne_22 Start: 17155, Stop: 17280, Start Num: 3
Candidate Starts for Penne_22:
(Start: 3 @17155 has 4 MA's), (5, 17194), (6, 17203),

Gene: Squall_22 Start: 17125, Stop: 17250, Start Num: 3
Candidate Starts for Squall_22:
(Start: 3 @17125 has 4 MA's), (5, 17164), (6, 17173),

Gene: Trapezoid_20 Start: 16679, Stop: 16804, Start Num: 4
Candidate Starts for Trapezoid_20:
(1, 16592), (2, 16598), (Start: 4 @16679 has 1 MA's), (5, 16718), (6, 16727),