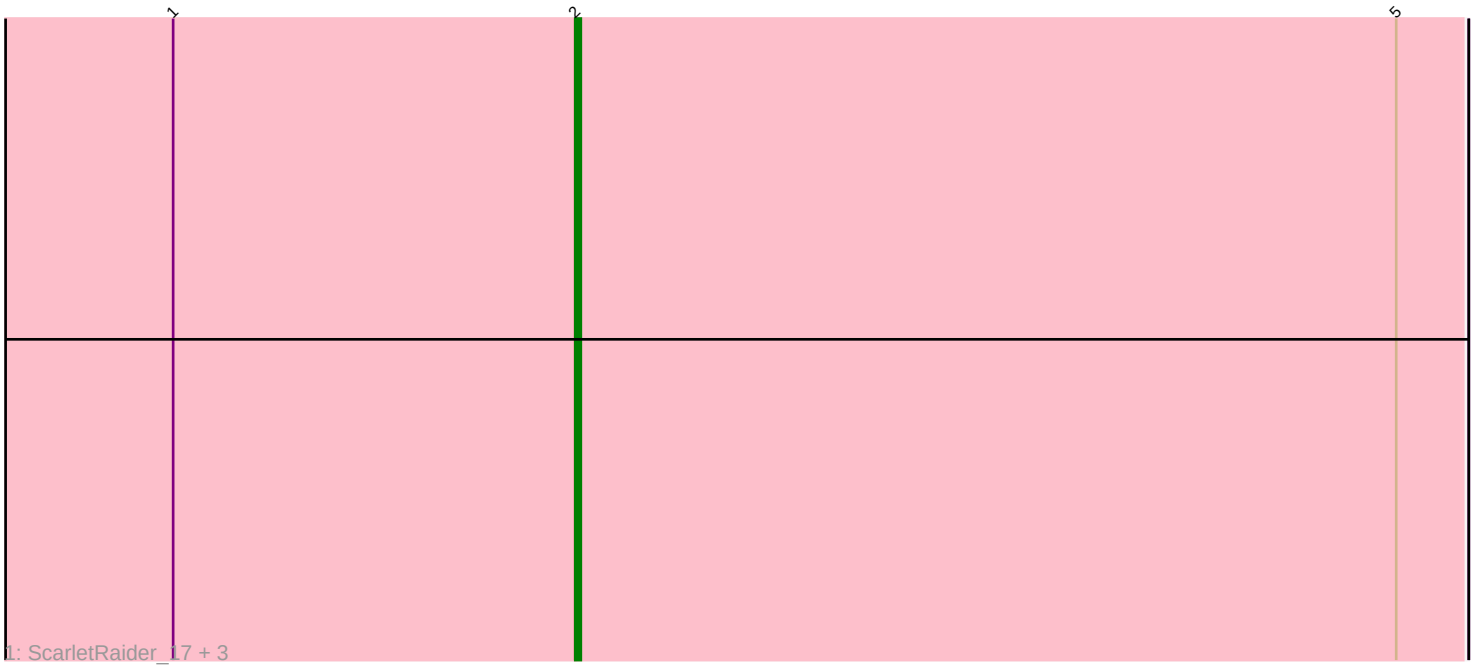
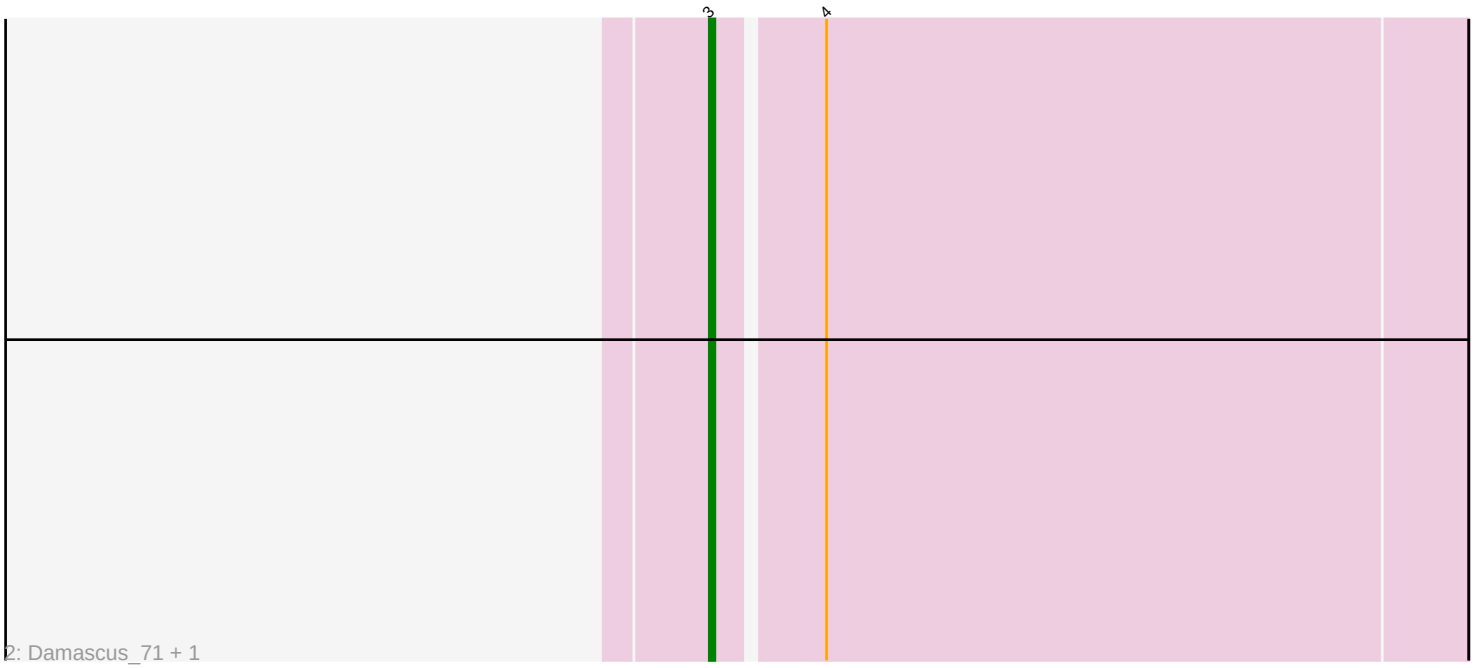
Pham 342920





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 342920 Report

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

Pham number 342920 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : ScarletRaider_17, UBSmoodge_19, FruityLoops_16, FlyingTortilla_17
• Track 2 : Damascus_71, DizzyRudy_75

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 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• FlyingTortilla_17, FruityLoops_16, ScarletRaider_17, UBSmoodge_19,

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

Genes that do not have the "Most Annotated" start:
• Damascus_71, DizzyRudy_75,

Summary by start number:

Start 2:
• Found in 4 of 6 (66.7%) of genes in pham
• Manual Annotations of this start: 4 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: FlyingTortilla_17 (DQ), FruityLoops_16 (DQ), ScarletRaider_17 (DQ), UBSmoodge_19 (DQ),

Start 3:
• Found in 2 of 6 (33.3%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Damascus_71 (EL), DizzyRudy_75 (EL),

Summary by clusters:

There are 2 clusters represented in this pham: EL, DQ,

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

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

Gene Information:

Gene: Damascus_71 Start: 49069, Stop: 49200, Start Num: 3
Candidate Starts for Damascus_71:
(Start: 3 @49069 has 2 MA's), (4, 49087),

Gene: DizzyRudy_75 Start: 48514, Stop: 48645, Start Num: 3
Candidate Starts for DizzyRudy_75:
(Start: 3 @48514 has 2 MA's), (4, 48532),

Gene: FlyingTortilla_17 Start: 8978, Stop: 9136, Start Num: 2
Candidate Starts for FlyingTortilla_17:
(1, 8906), (Start: 2 @8978 has 4 MA's), (5, 9125),

Gene: FruityLoops_16 Start: 8983, Stop: 9141, Start Num: 2
Candidate Starts for FruityLoops_16:
(1, 8911), (Start: 2 @8983 has 4 MA's), (5, 9130),

Gene: ScarletRaider_17 Start: 9005, Stop: 9163, Start Num: 2
Candidate Starts for ScarletRaider_17:
(1, 8933), (Start: 2 @9005 has 4 MA's), (5, 9152),

Gene: UBSmoodge_19 Start: 9474, Stop: 9632, Start Num: 2
Candidate Starts for UBSmoodge_19:
(1, 9402), (Start: 2 @9474 has 4 MA's), (5, 9621),