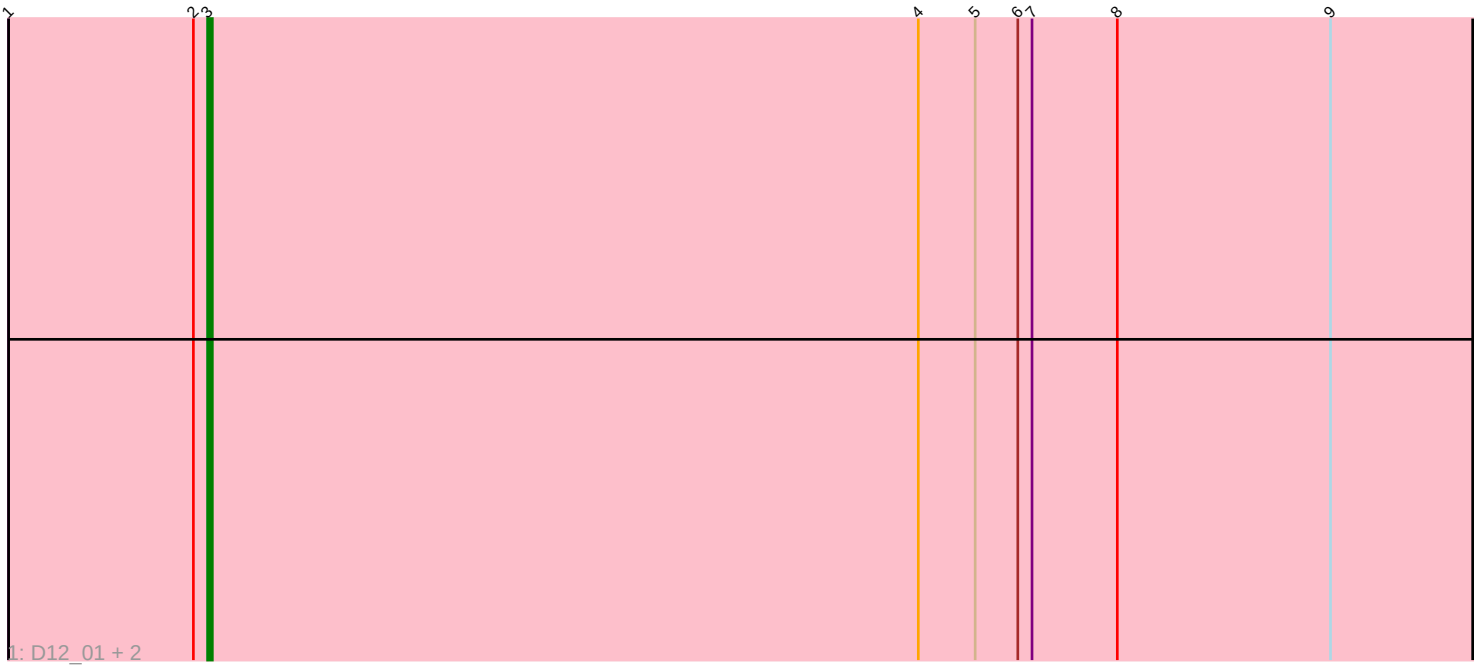
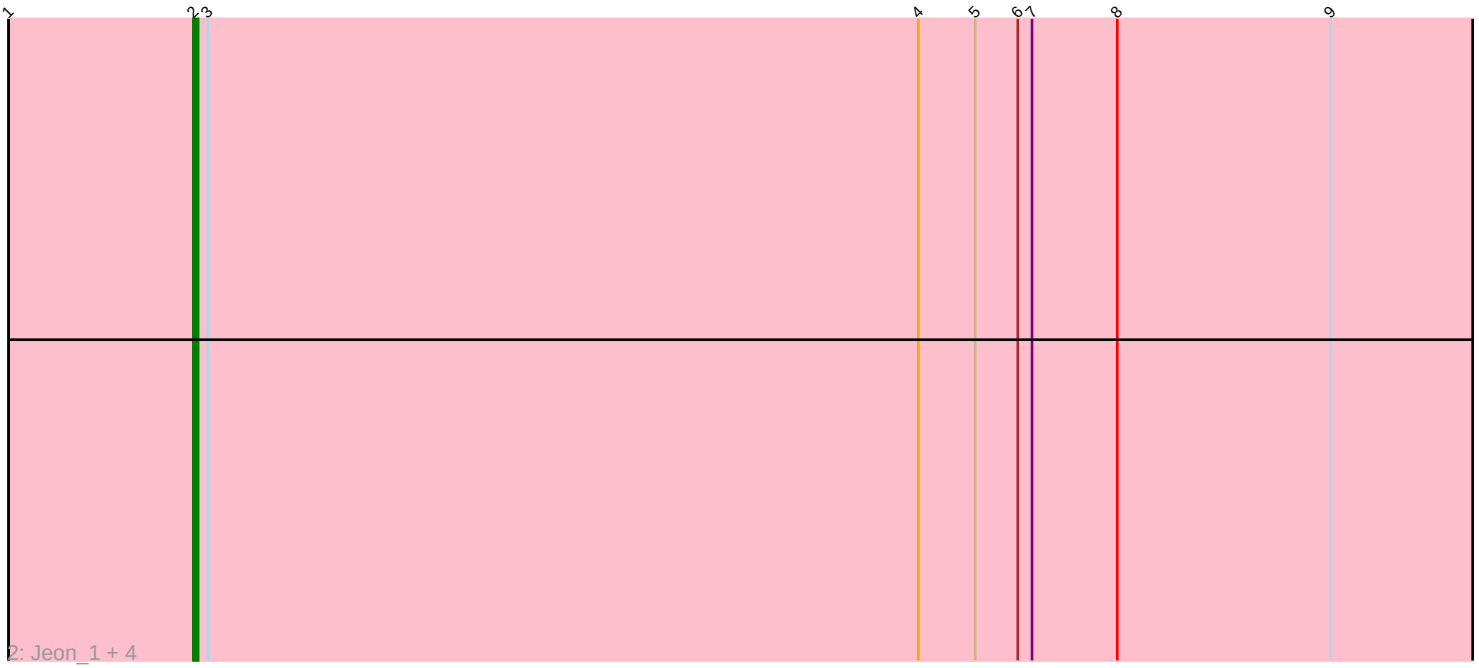
Pham 344716





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 344716 Report

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

Pham number 344716 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : D12_01, PR_01, Argie_1
• Track 2 : Jeon_1, Taptic_1, GodPhather_1, Cepens_1, Megabear_1

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 5 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Cepens_1, GodPhather_1, Jeon_1, Megabear_1, Taptic_1,

Genes that have the "Most Annotated" start but do not call it:
• Argie_1, D12_01, PR_01,

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

Summary by start number:

Start 2:
• 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: Cepens_1 (W), GodPhather_1 (W), Jeon_1 (W), Megabear_1 (W), Taptic_1 (W),

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: Argie_1 (W), D12_01 (W), PR_01 (W),

Summary by clusters:

There is one cluster represented in this pham: W

Info for manual annotations of cluster W:
•Start number 2 was manually annotated 5 times for cluster W.
•Start number 3 was manually annotated 3 times for cluster W.

Gene Information:

Gene: Argie_1 Start: 43, Stop: 351, Start Num: 3
Candidate Starts for Argie_1:
(1, 1), (Start: 2 @40 has 5 MA's), (Start: 3 @43 has 3 MA's), (4, 193), (5, 205), (6, 214), (7, 217), (8, 235), (9, 280),

Gene: Cepens_1 Start: 40, Stop: 351, Start Num: 2
Candidate Starts for Cepens_1:
(1, 1), (Start: 2 @40 has 5 MA's), (Start: 3 @43 has 3 MA's), (4, 193), (5, 205), (6, 214), (7, 217), (8, 235), (9, 280),

Gene: D12_01 Start: 43, Stop: 351, Start Num: 3
Candidate Starts for D12_01:
(1, 1), (Start: 2 @40 has 5 MA's), (Start: 3 @43 has 3 MA's), (4, 193), (5, 205), (6, 214), (7, 217), (8, 235), (9, 280),

Gene: GodPhather_1 Start: 40, Stop: 351, Start Num: 2
Candidate Starts for GodPhather_1:
(1, 1), (Start: 2 @40 has 5 MA's), (Start: 3 @43 has 3 MA's), (4, 193), (5, 205), (6, 214), (7, 217), (8, 235), (9, 280),

Gene: Jeon_1 Start: 40, Stop: 351, Start Num: 2
Candidate Starts for Jeon_1:
(1, 1), (Start: 2 @40 has 5 MA's), (Start: 3 @43 has 3 MA's), (4, 193), (5, 205), (6, 214), (7, 217), (8, 235), (9, 280),

Gene: Megabear_1 Start: 40, Stop: 351, Start Num: 2
Candidate Starts for Megabear_1:
(1, 1), (Start: 2 @40 has 5 MA's), (Start: 3 @43 has 3 MA's), (4, 193), (5, 205), (6, 214), (7, 217), (8, 235), (9, 280),

Gene: PR_01 Start: 43, Stop: 351, Start Num: 3
Candidate Starts for PR_01:
(1, 1), (Start: 2 @40 has 5 MA's), (Start: 3 @43 has 3 MA's), (4, 193), (5, 205), (6, 214), (7, 217), (8, 235), (9, 280),

Gene: Taptic_1 Start: 40, Stop: 351, Start Num: 2
Candidate Starts for Taptic_1:
(1, 1), (Start: 2 @40 has 5 MA's), (Start: 3 @43 has 3 MA's), (4, 193), (5, 205), (6, 214), (7, 217), (8, 235), (9, 280),