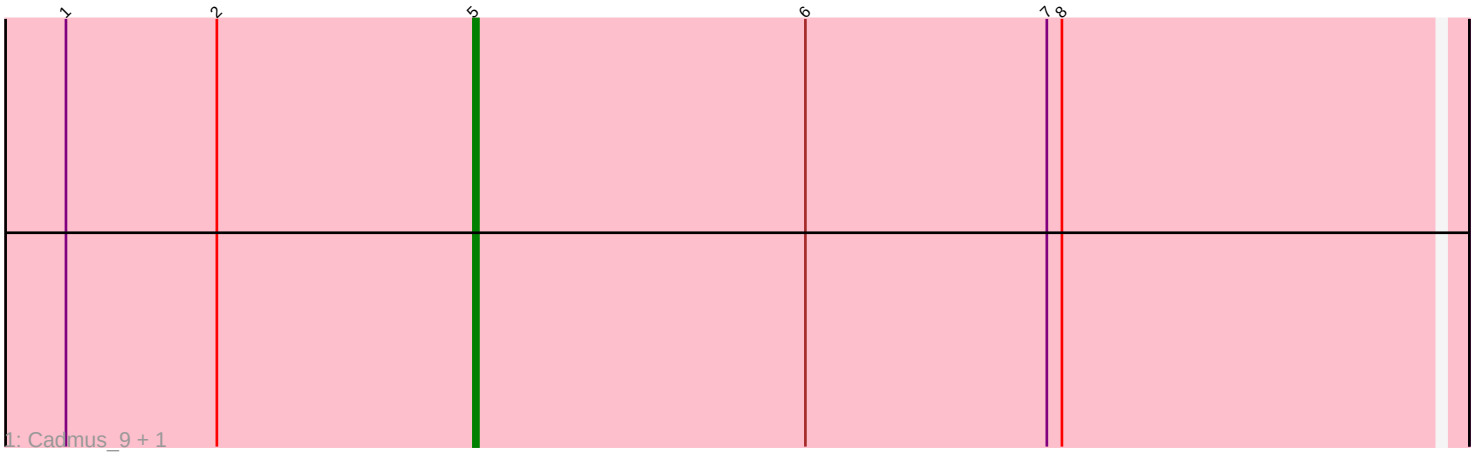
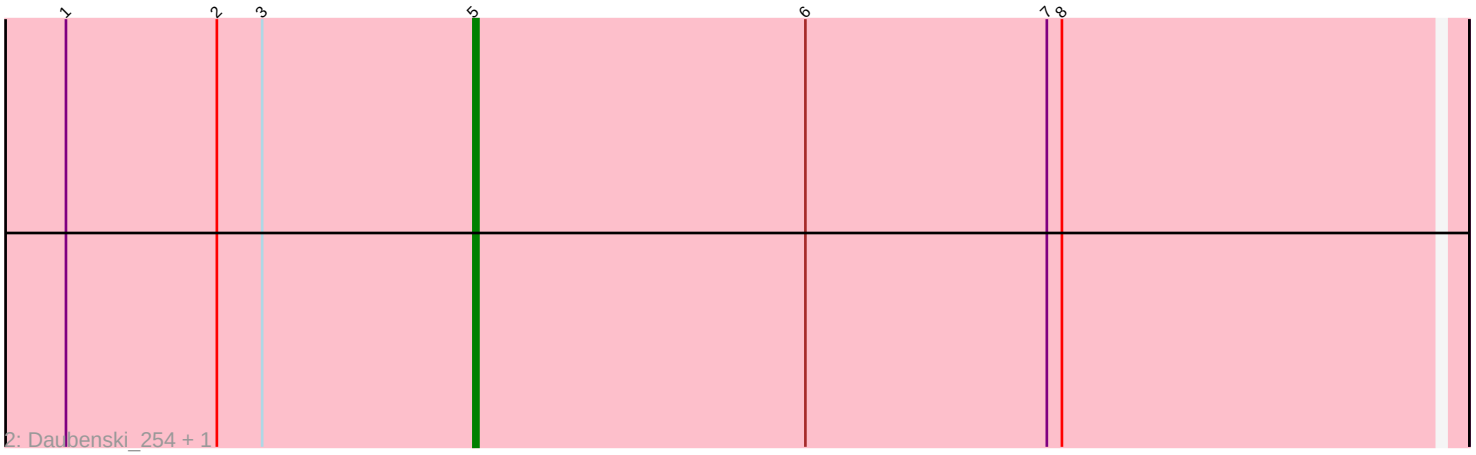
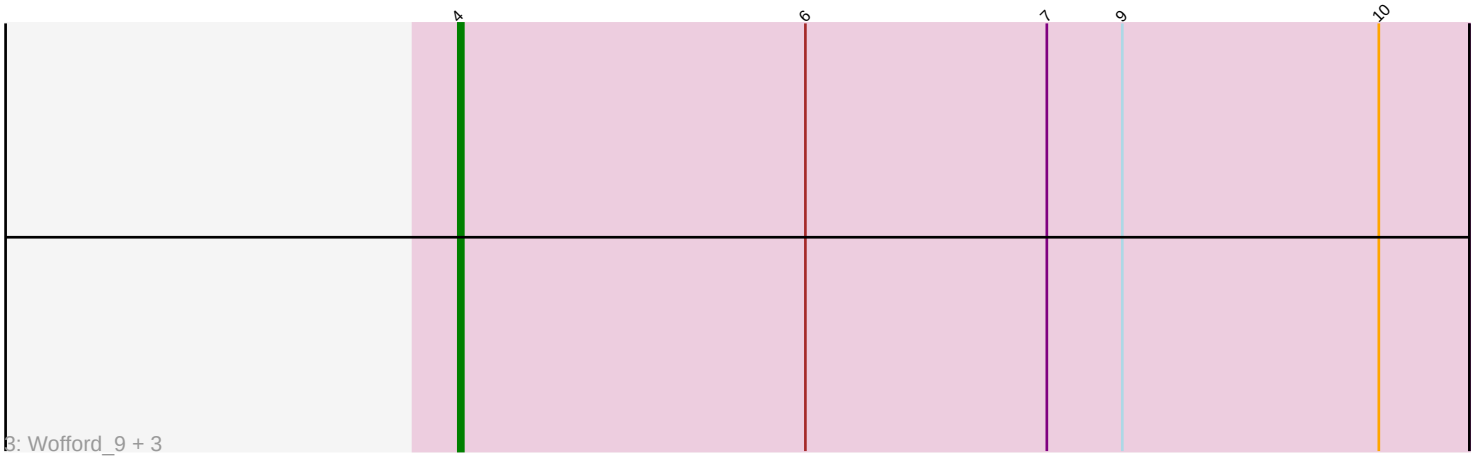
Pham 338745


1
2
5
6
7
8
1: Cadmus_9 + 1


1
2
3
5
6
7
8
2: Daubenski_254 + 1


4
6
7
9
10
3: Wofford_9 + 3

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 338745 Report

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

Pham number 338745 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Cadmus_9, Cadmus_257
• Track 2 : Daubenski_254, Daubenski_10
• Track 3 : Wofford_9, Elmer_9, Wofford_267, Elmer_276

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

Genes that call this "Most Annotated" start:
• Elmer_276, Elmer_9, Wofford_267, Wofford_9,

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

Genes that do not have the "Most Annotated" start:
• Cadmus_257, Cadmus_9, Daubenski_10, Daubenski_254,

Summary by start number:

Start 4:
• Found in 4 of 8 (50.0%) of genes in pham
• Manual Annotations of this start: 4 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Elmer_276 (BE2), Elmer_9 (BE2), Wofford_267 (BE2), Wofford_9 (BE2),

Start 5:
• Found in 4 of 8 (50.0%) of genes in pham
• Manual Annotations of this start: 4 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cadmus_257 (BE1), Cadmus_9 (BE1), Daubenski_10 (BE1), Daubenski_254 (BE1),

Summary by clusters:

There are 2 clusters represented in this pham: BE2, BE1,

Info for manual annotations of cluster BE1:
•Start number 5 was manually annotated 4 times for cluster BE1.

Info for manual annotations of cluster BE2:
•Start number 4 was manually annotated 4 times for cluster BE2.

Gene Information:

Gene: Cadmus_9 Start: 5752, Stop: 5558, Start Num: 5
Candidate Starts for Cadmus_9:
(1, 5833), (2, 5803), (Start: 5 @5752 has 4 MA's), (6, 5686), (7, 5638), (8, 5635),

Gene: Cadmus_257 Start: 128233, Stop: 128039, Start Num: 5
Candidate Starts for Cadmus_257:
(1, 128314), (2, 128284), (Start: 5 @128233 has 4 MA's), (6, 128167), (7, 128119), (8, 128116),

Gene: Daubenski_254 Start: 128126, Stop: 127932, Start Num: 5
Candidate Starts for Daubenski_254:
(1, 128207), (2, 128177), (3, 128168), (Start: 5 @128126 has 4 MA's), (6, 128060), (7, 128012), (8, 128009),

Gene: Daubenski_10 Start: 5750, Stop: 5556, Start Num: 5
Candidate Starts for Daubenski_10:
(1, 5831), (2, 5801), (3, 5792), (Start: 5 @5750 has 4 MA's), (6, 5684), (7, 5636), (8, 5633),

Gene: Elmer_9 Start: 5352, Stop: 5152, Start Num: 4
Candidate Starts for Elmer_9:
(Start: 4 @5352 has 4 MA's), (6, 5283), (7, 5235), (9, 5220), (10, 5169),

Gene: Elmer_276 Start: 127720, Stop: 127520, Start Num: 4
Candidate Starts for Elmer_276:
(Start: 4 @127720 has 4 MA's), (6, 127651), (7, 127603), (9, 127588), (10, 127537),

Gene: Wofford_9 Start: 5357, Stop: 5157, Start Num: 4
Candidate Starts for Wofford_9:
(Start: 4 @5357 has 4 MA's), (6, 5288), (7, 5240), (9, 5225), (10, 5174),

Gene: Wofford_267 Start: 127150, Stop: 126950, Start Num: 4
Candidate Starts for Wofford_267:
(Start: 4 @127150 has 4 MA's), (6, 127081), (7, 127033), (9, 127018), (10, 126967),