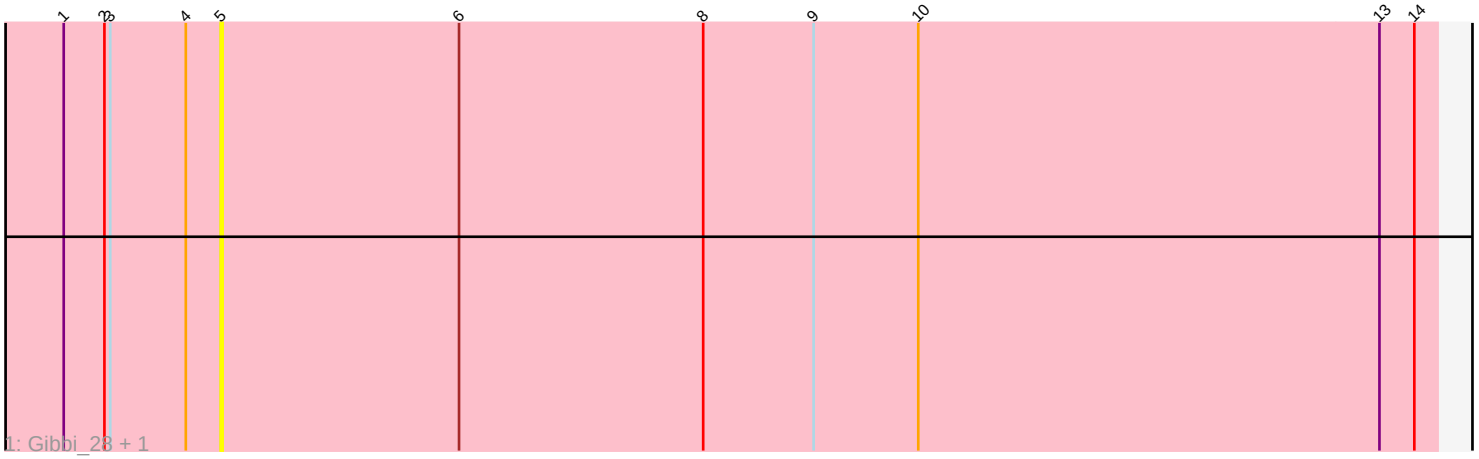
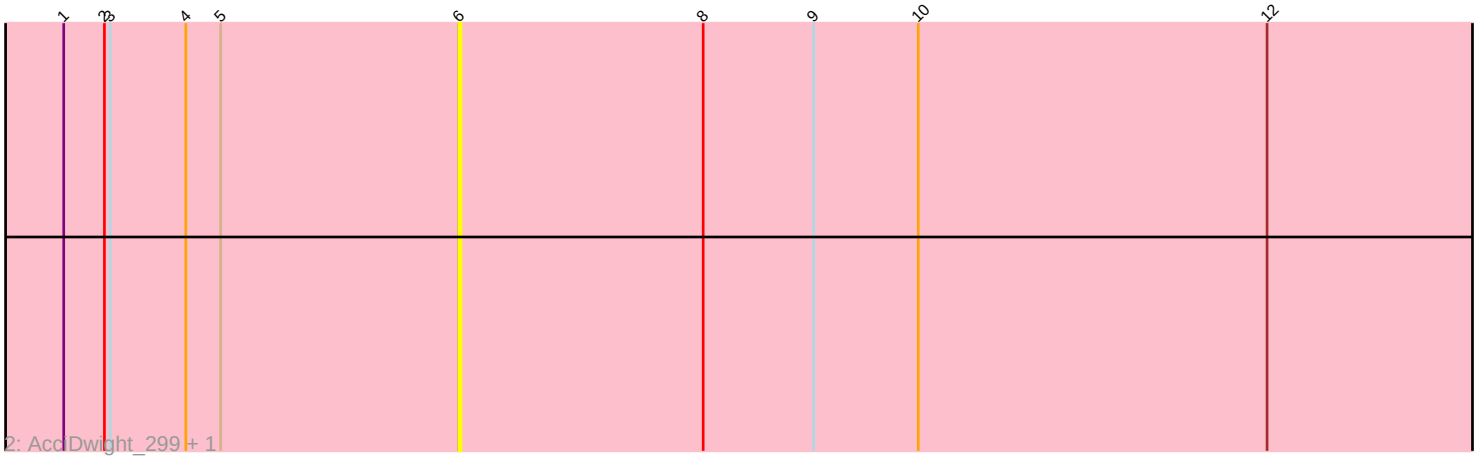
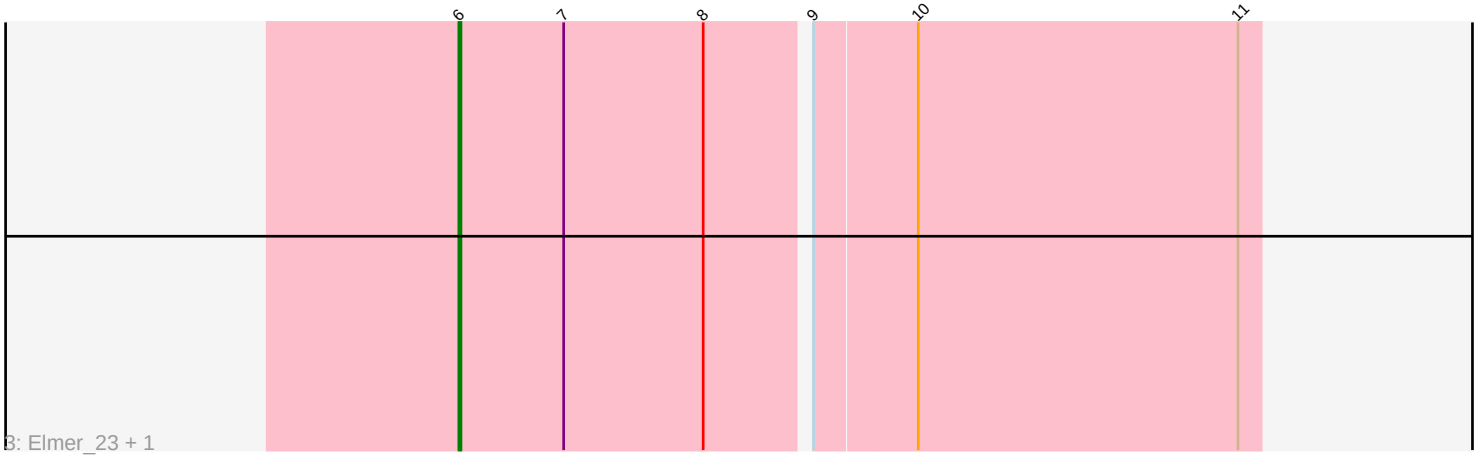
Pham 342950


1
2
3
4
5
6
8
9
10
13
14
1: Gibbi_28 + 1


1
2
3
4
5
6
8
9
10
12
2: AccuDwight_299 + 1


6
7
8
9
10
11
3: Elmer_23 + 1

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 342950 Report

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

Pham number 342950 has 6 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Gibbi_28, Gibbi_299
• Track 2 : AcciDwight_299, AcciDwight_29
• Track 3 : Elmer_23, Elmer_290

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

The start number called the most often in the published annotations is 6, it was called in 2 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AcciDwight_29, AcciDwight_299, Elmer_23, Elmer_290,

Genes that have the "Most Annotated" start but do not call it:
• Gibbi_28, Gibbi_299,

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

Summary by start number:

Start 5:
• Found in 4 of 6 (66.7%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Gibbi_28 (BE2), Gibbi_299 (BE2),

Start 6:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 2
• Called 66.7% of time when present
• Phage (with cluster) where this start called: AcciDwight_29 (BE2), AcciDwight_299 (BE2), Elmer_23 (BE2), Elmer_290 (BE2),

Summary by clusters:

There is one cluster represented in this pham: BE2

Info for manual annotations of cluster BE2:
•Start number 6 was manually annotated 2 times for cluster BE2.

Gene Information:

Gene: AcciDwight_299 Start: 131253, Stop: 131807, Start Num: 6
Candidate Starts for AcciDwight_299:
(1, 131049), (2, 131070), (3, 131073), (4, 131112), (5, 131130), (Start: 6 @131253 has 2 MA's), (8, 131379), (9, 131436), (10, 131490), (12, 131670),

Gene: AcciDwight_29 Start: 11157, Stop: 11711, Start Num: 6
Candidate Starts for AcciDwight_29:
(1, 10953), (2, 10974), (3, 10977), (4, 11016), (5, 11034), (Start: 6 @11157 has 2 MA's), (8, 11283), (9, 11340), (10, 11394), (12, 11574),

Gene: Elmer_23 Start: 9830, Stop: 10231, Start Num: 6
Candidate Starts for Elmer_23:
(Start: 6 @9830 has 2 MA's), (7, 9884), (8, 9956), (9, 10004), (10, 10055), (11, 10220),

Gene: Elmer_290 Start: 132198, Stop: 132599, Start Num: 6
Candidate Starts for Elmer_290:
(Start: 6 @132198 has 2 MA's), (7, 132252), (8, 132324), (9, 132372), (10, 132423), (11, 132588),

Gene: Gibbi_28 Start: 10645, Stop: 11271, Start Num: 5
Candidate Starts for Gibbi_28:
(1, 10564), (2, 10585), (3, 10588), (4, 10627), (5, 10645), (Start: 6 @10768 has 2 MA's), (8, 10894), (9, 10951), (10, 11005), (13, 11242), (14, 11260),

Gene: Gibbi_299 Start: 130745, Stop: 131371, Start Num: 5
Candidate Starts for Gibbi_299:
(1, 130664), (2, 130685), (3, 130688), (4, 130727), (5, 130745), (Start: 6 @130868 has 2 MA's), (8, 130994), (9, 131051), (10, 131105), (13, 131342), (14, 131360),