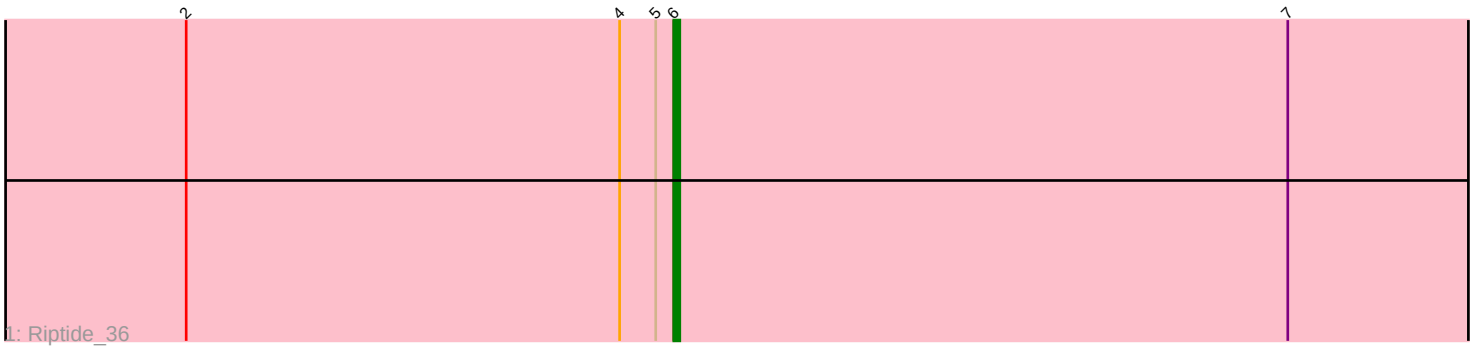
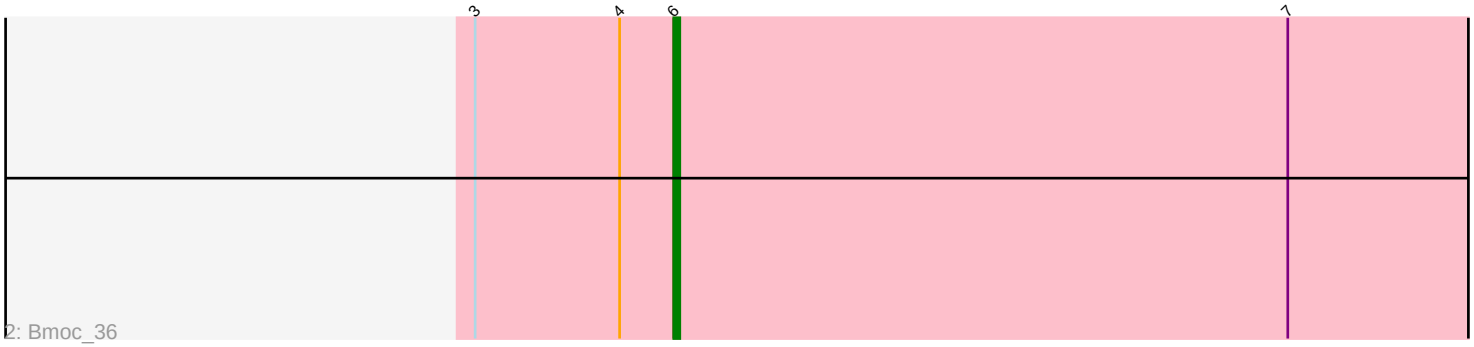
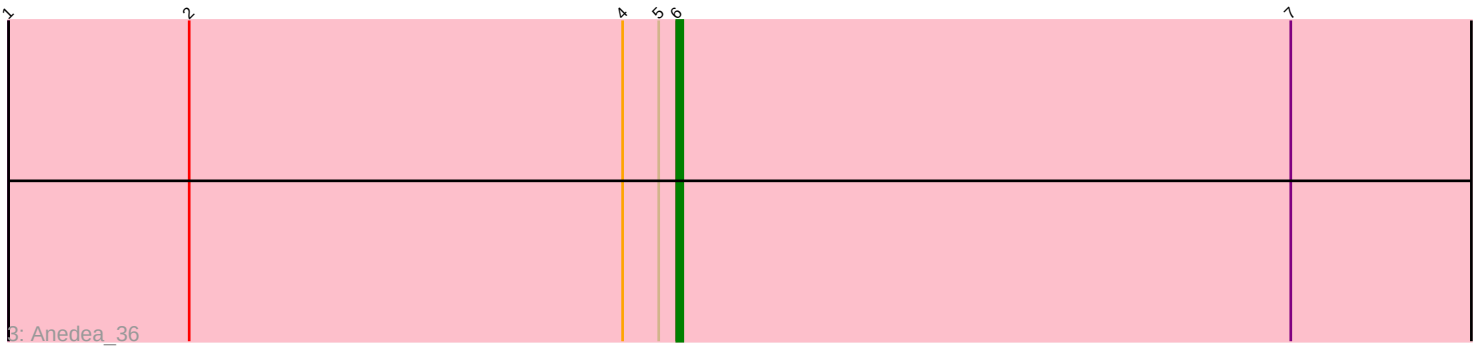
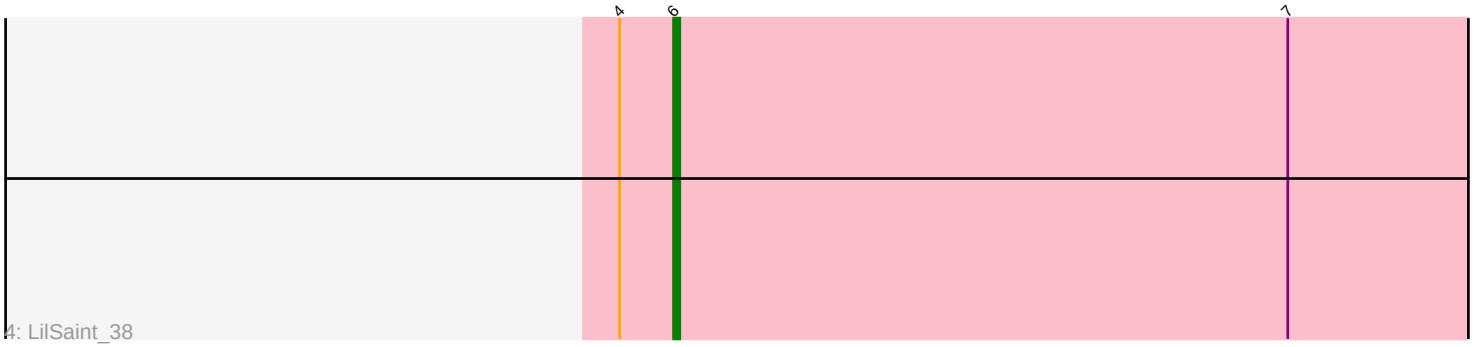
Pham 348482


2
4
5
6
7
1: Riptide_36


3
4
6
7
2: Bmoc_36


1
2
4
5
6
7
3: Anedea_36


4
6
7
4: LilSaint_38

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 348482 Report

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

Pham number 348482 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Riptide_36
• Track 2 : Bmoc_36
• Track 3 : Anedea_36
• Track 4 : LilSaint_38

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

Genes that call this "Most Annotated" start:
• Anedea_36, Bmoc_36, LilSaint_38, Riptide_36,

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

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

Summary by start number:

Start 6:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Anedea_36 (BE1), Bmoc_36 (BE1), LilSaint_38 (BE1), Riptide_36 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Info for manual annotations of cluster BE1:
•Start number 6 was manually annotated 4 times for cluster BE1.

Gene Information:

Gene: Anedea_36 Start: 16126, Stop: 15980, Start Num: 6
Candidate Starts for Anedea_36:
(1, 16237), (2, 16207), (4, 16135), (5, 16129), (Start: 6 @16126 has 4 MA's), (7, 16024),

Gene: Bmoc_36 Start: 16282, Stop: 16136, Start Num: 6
Candidate Starts for Bmoc_36:
(3, 16315), (4, 16291), (Start: 6 @16282 has 4 MA's), (7, 16180),

Gene: LilSaint_38 Start: 16181, Stop: 16035, Start Num: 6
Candidate Starts for LilSaint_38:
(4, 16190), (Start: 6 @16181 has 4 MA's), (7, 16079),

Gene: Riptide_36 Start: 15852, Stop: 15706, Start Num: 6
Candidate Starts for Riptide_36:
(2, 15933), (4, 15861), (5, 15855), (Start: 6 @15852 has 4 MA's), (7, 15750),