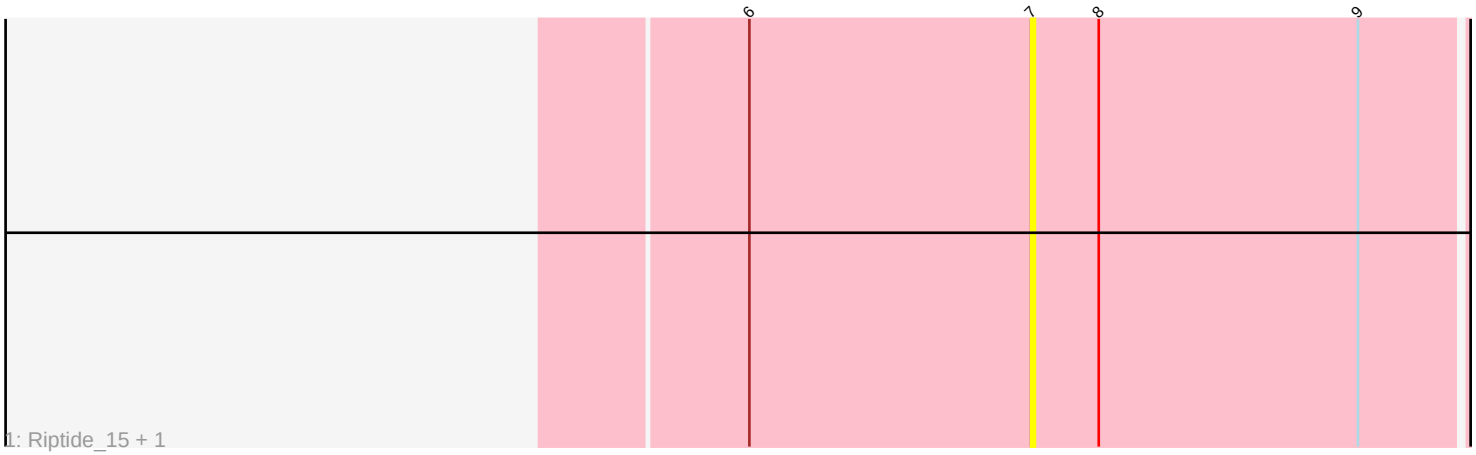
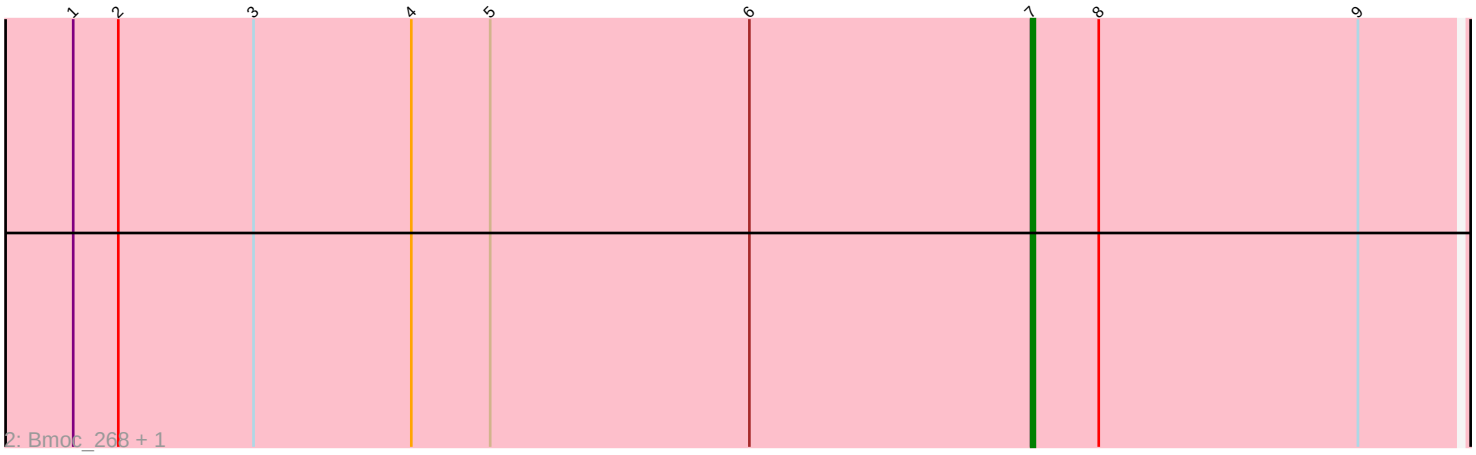
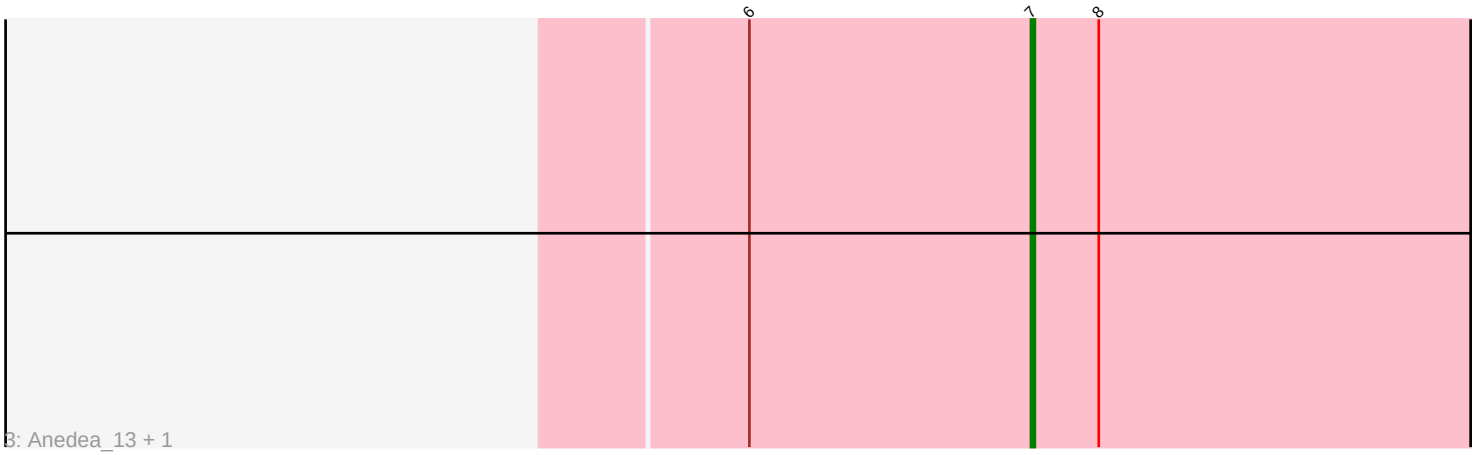
Pham 203753







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 203753 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203753 has 6 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Riptide_15, Riptide_272
• Track 2 : Bmoc_268, Bmoc_12
• Track 3 : Anedea_13, Anedea_278

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

The start number called the most often in the published annotations is 7, it was called in 4 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Anedea_13, Anedea_278, Bmoc_12, Bmoc_268, Riptide_15, Riptide_272,

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 7:
• Found in 6 of 6 (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_13 (BE1), Anedea_278 (BE1), Bmoc_12 (BE1), Bmoc_268 (BE1), Riptide_15 (BE1), Riptide_272 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Info for manual annotations of cluster BE1:
•Start number 7 was manually annotated 4 times for cluster BE1.

Gene Information:

Gene: Anedea_13 Start: 7141, Stop: 6998, Start Num: 7
Candidate Starts for Anedea_13:
(6, 7216), (Start: 7 @7141 has 4 MA's), (8, 7123),

Gene: Anedea_278 Start: 130190, Stop: 130047, Start Num: 7
Candidate Starts for Anedea_278:
(6, 130265), (Start: 7 @130190 has 4 MA's), (8, 130172),

Gene: Bmoc_268 Start: 129071, Stop: 128931, Start Num: 7
Candidate Starts for Bmoc_268:
(1, 129326), (2, 129314), (3, 129278), (4, 129236), (5, 129215), (6, 129146), (Start: 7 @129071 has 4 MA's), (8, 129053), (9, 128984),

Gene: Bmoc_12 Start: 7249, Stop: 7109, Start Num: 7
Candidate Starts for Bmoc_12:
(1, 7504), (2, 7492), (3, 7456), (4, 7414), (5, 7393), (6, 7324), (Start: 7 @7249 has 4 MA's), (8, 7231), (9, 7162),

Gene: Riptide_15 Start: 7421, Stop: 7281, Start Num: 7
Candidate Starts for Riptide_15:
(6, 7496), (Start: 7 @7421 has 4 MA's), (8, 7403), (9, 7334),

Gene: Riptide_272 Start: 128873, Stop: 128733, Start Num: 7
Candidate Starts for Riptide_272:
(6, 128948), (Start: 7 @128873 has 4 MA's), (8, 128855), (9, 128786),