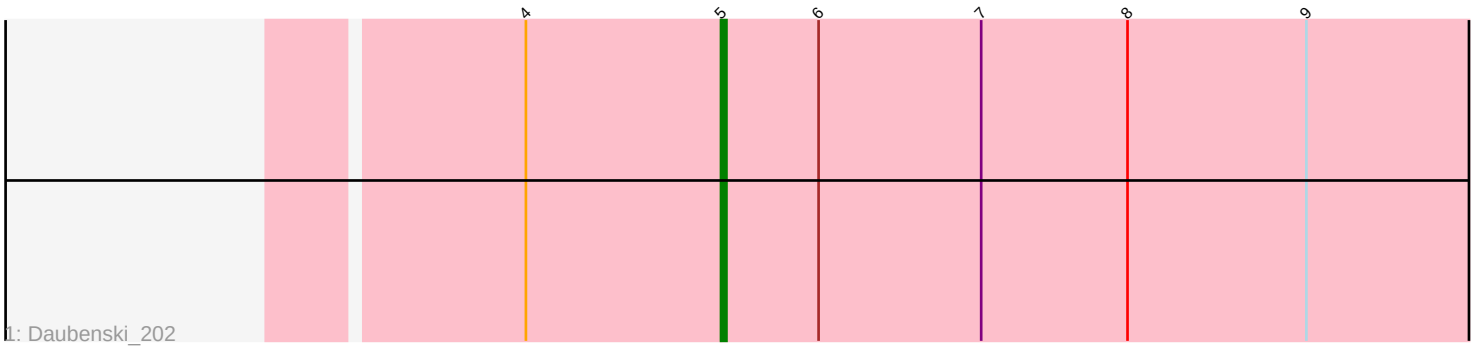
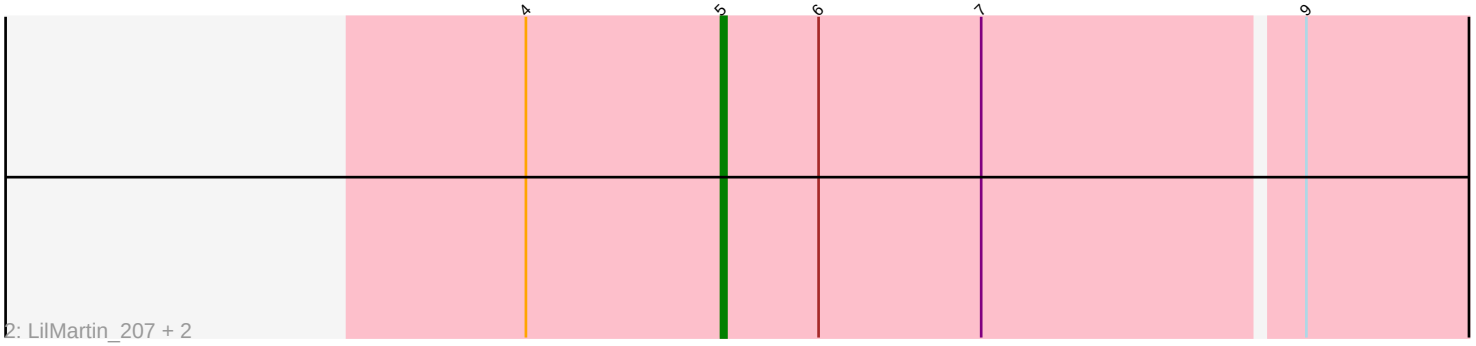
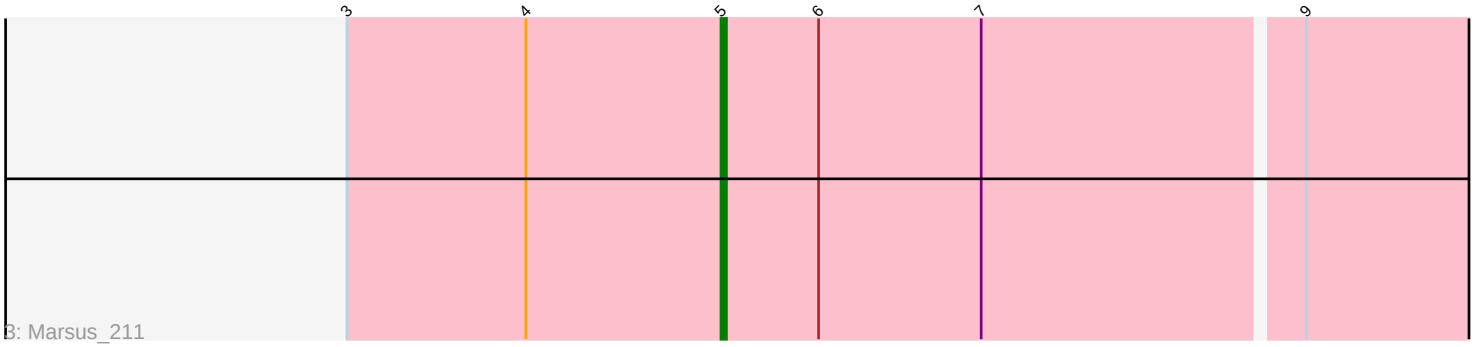
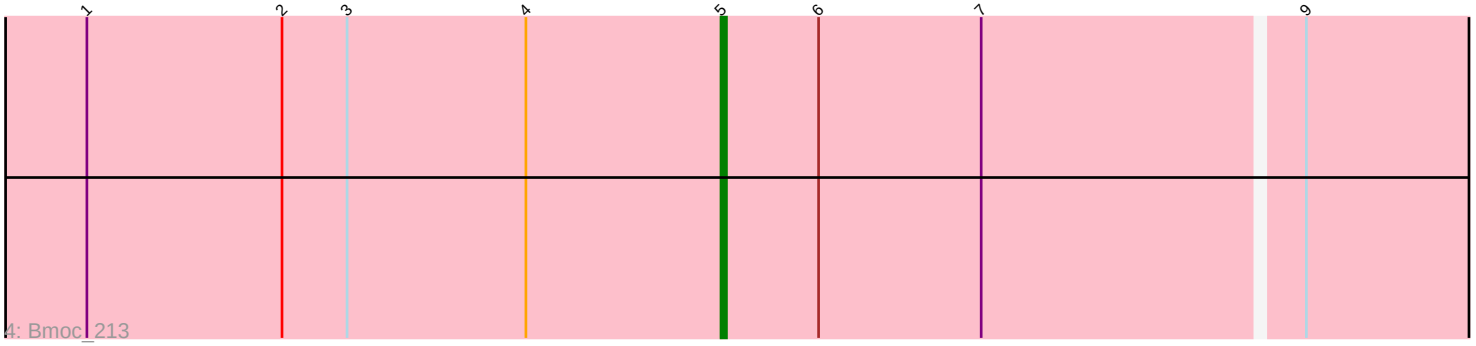
Pham 348400


4
5
6
7
8
9
1: Daubenski_202


4
5
6
7
9
2: LilMartin_207 + 2


3
4
5
6
7
9
3: Marsus_211


1
2
3
4
5
6
7
9
4: Bmoc_213

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 348400 Report

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

Pham number 348400 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Daubenski_202
• Track 2 : LilMartin_207, Angela_210, MulchMansion_211
• Track 3 : Marsus_211
• Track 4 : Bmoc_213

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

The start number called the most often in the published annotations is 5, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Angela_210, Bmoc_213, Daubenski_202, LilMartin_207, Marsus_211, MulchMansion_211,

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 5:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Angela_210 (BE1), Bmoc_213 (BE1), Daubenski_202 (BE1), LilMartin_207 (BE1), Marsus_211 (BE1), MulchMansion_211 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Info for manual annotations of cluster BE1:
•Start number 5 was manually annotated 6 times for cluster BE1.

Gene Information:

Gene: Angela_210 Start: 105164, Stop: 105301, Start Num: 5
Candidate Starts for Angela_210:
(4, 105128), (Start: 5 @105164 has 6 MA's), (6, 105182), (7, 105212), (9, 105269),

Gene: Bmoc_213 Start: 105977, Stop: 106114, Start Num: 5
Candidate Starts for Bmoc_213:
(1, 105860), (2, 105896), (3, 105908), (4, 105941), (Start: 5 @105977 has 6 MA's), (6, 105995), (7, 106025), (9, 106082),

Gene: Daubenski_202 Start: 106555, Stop: 106716, Start Num: 5
Candidate Starts for Daubenski_202:
(4, 106519), (Start: 5 @106555 has 6 MA's), (6, 106573), (7, 106603), (8, 106630), (9, 106663),

Gene: LilMartin_207 Start: 104528, Stop: 104665, Start Num: 5
Candidate Starts for LilMartin_207:
(4, 104492), (Start: 5 @104528 has 6 MA's), (6, 104546), (7, 104576), (9, 104633),

Gene: Marsus_211 Start: 106272, Stop: 106409, Start Num: 5
Candidate Starts for Marsus_211:
(3, 106203), (4, 106236), (Start: 5 @106272 has 6 MA's), (6, 106290), (7, 106320), (9, 106377),

Gene: MulchMansion_211 Start: 106162, Stop: 106299, Start Num: 5
Candidate Starts for MulchMansion_211:
(4, 106126), (Start: 5 @106162 has 6 MA's), (6, 106180), (7, 106210), (9, 106267),