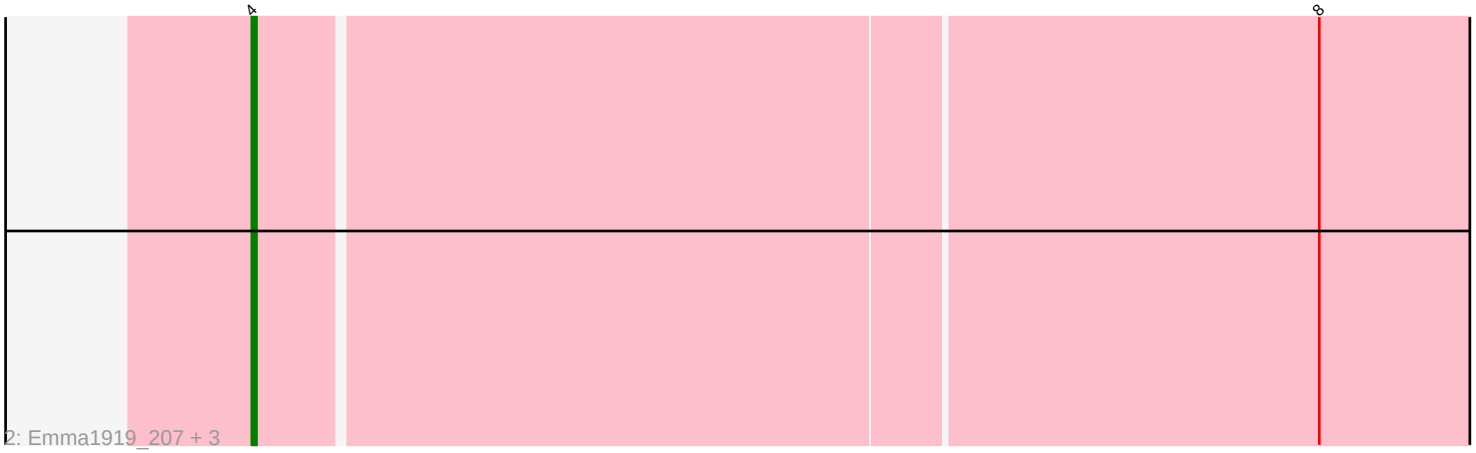
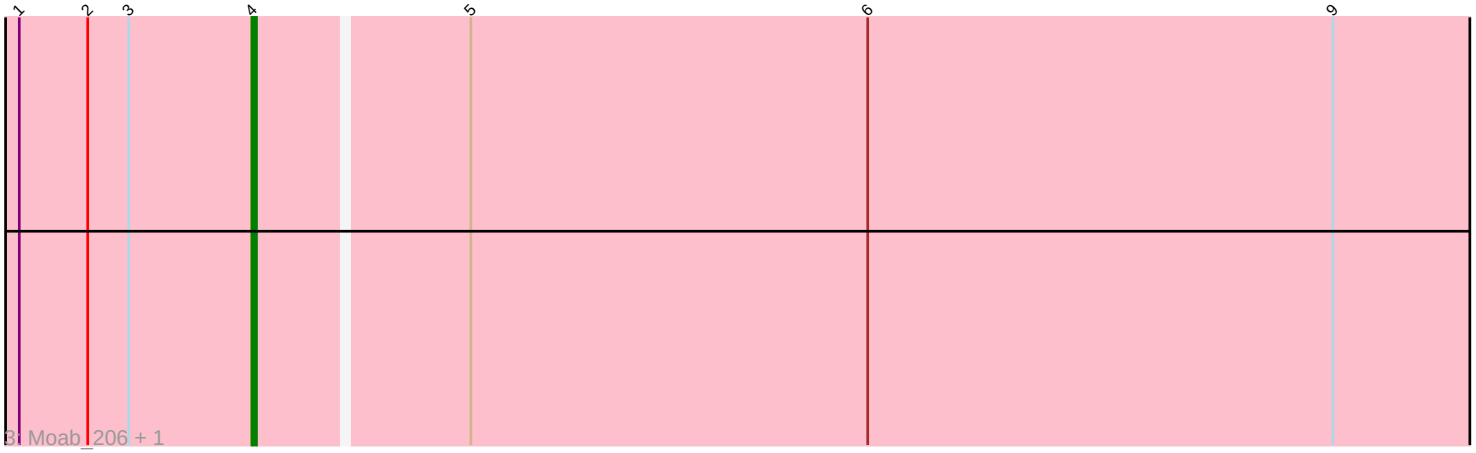
Pham 9324





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 9324 Report

This analysis was run 04/28/24 on database version 559.

Pham number 9324 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Phredrick_209, Kenrey_210
• Track 2 : Emma1919_207, Forrest_207, Jada_207, Francob_208
• Track 3 : Moab_206, Patelgo_208

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

Genes that call this "Most Annotated" start:
• Emma1919_207, Forrest_207, Francob_208, Jada_207, Kenrey_210, Moab_206, Patelgo_208, Phredrick_209,

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 4:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Emma1919_207 (BK1), Forrest_207 (BK1), Francob_208 (BK1), Jada_207 (BK1), Kenrey_210 (BK1), Moab_206 (BK1), Patelgo_208 (BK1), Phredrick_209 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:

•Start number 4 was manually annotated 8 times for cluster BK1.

Gene Information:

Gene: Emma1919_207 Start: 101856, Stop: 102128, Start Num: 4
Candidate Starts for Emma1919_207:
(Start: 4 @101856 has 8 MA's), (8, 102084),

Gene: Forrest_207 Start: 102821, Stop: 103093, Start Num: 4
Candidate Starts for Forrest_207:
(Start: 4 @102821 has 8 MA's), (8, 103049),

Gene: Francob_208 Start: 102601, Stop: 102876, Start Num: 4
Candidate Starts for Francob_208:
(Start: 4 @102601 has 8 MA's), (8, 102832),

Gene: Jada_207 Start: 102493, Stop: 102765, Start Num: 4
Candidate Starts for Jada_207:
(Start: 4 @102493 has 8 MA's), (8, 102721),

Gene: Kenrey_210 Start: 102862, Stop: 103137, Start Num: 4
Candidate Starts for Kenrey_210:
(Start: 4 @102862 has 8 MA's), (7, 103003), (8, 103093),

Gene: Moab_206 Start: 104632, Stop: 104913, Start Num: 4
Candidate Starts for Moab_206:
(1, 104581), (2, 104596), (3, 104605), (Start: 4 @104632 has 8 MA's), (5, 104677), (6, 104764), (9, 104866),

Gene: Patelgo_208 Start: 105273, Stop: 105554, Start Num: 4
Candidate Starts for Patelgo_208:
(1, 105222), (2, 105237), (3, 105246), (Start: 4 @105273 has 8 MA's), (5, 105318), (6, 105405), (9, 105507),

Gene: Phredrick_209 Start: 101644, Stop: 101919, Start Num: 4
Candidate Starts for Phredrick_209:
(Start: 4 @101644 has 8 MA's), (7, 101785), (8, 101875),