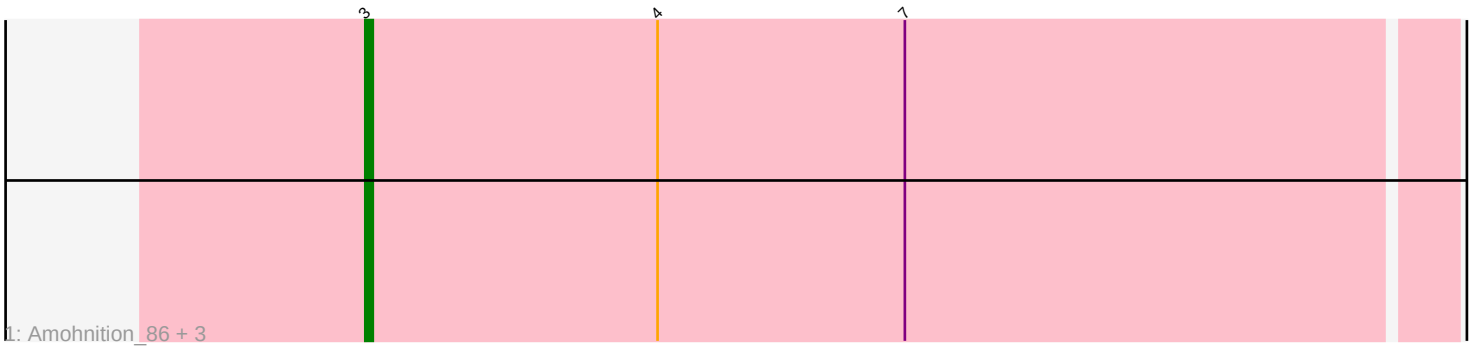
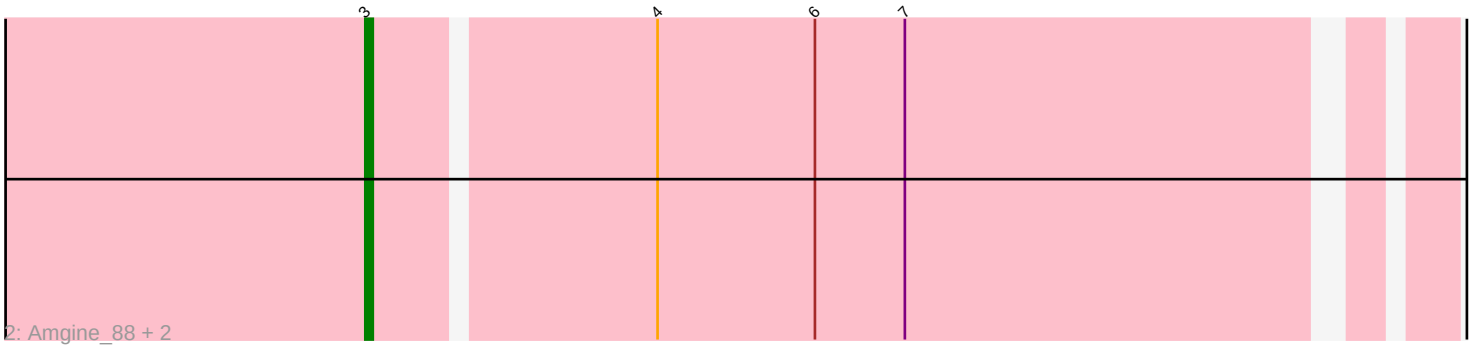
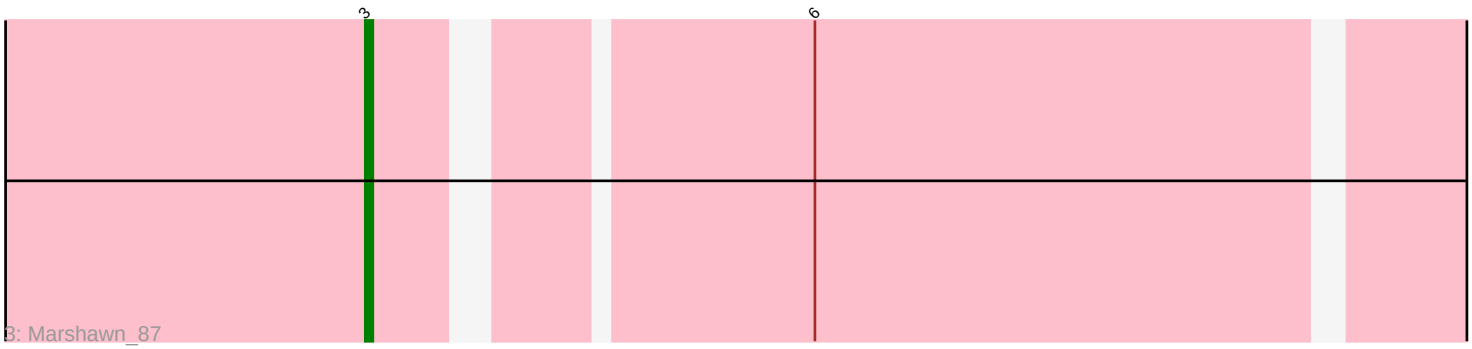
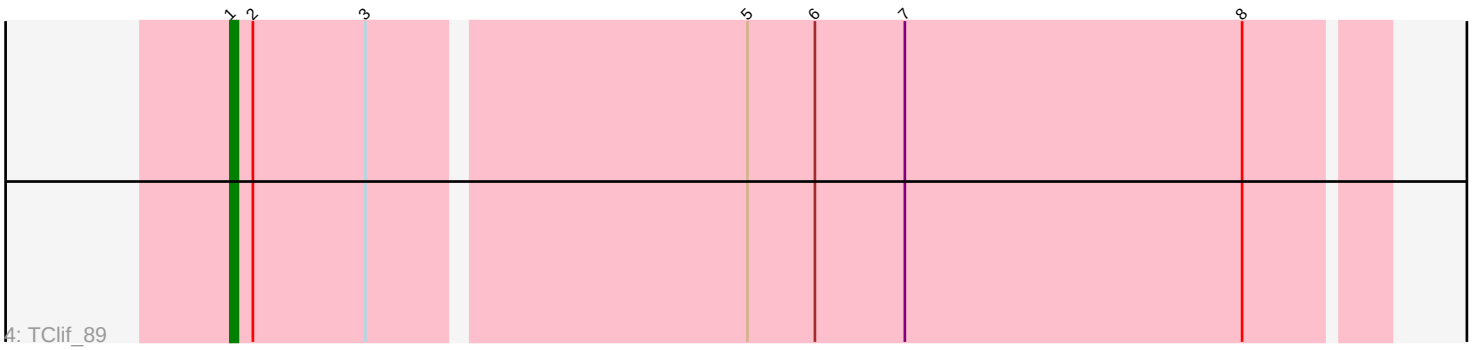
Pham 198648


3
4
7
1: Amohnition_86 + 3


3
4
6
7
2: Amgine_88 + 2


3
6
3: Marshawn_87


1
2
3
5
6
7
8
4: TClif_89

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 198648 Report

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

Pham number 198648 has 9 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Amohnition_86, Hammy_86, November_86, DarthP_86
• Track 2 : Amgine_88, Fefferhead_89, Ellie_87
• Track 3 : Marshawn_87
• Track 4 : TClif_89

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

The start number called the most often in the published annotations is 3, it was called in 7 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Amgine_88, Amohnition_86, DarthP_86, Ellie_87, Fefferhead_89, Hammy_86, Marshawn_87, November_86,

Genes that have the "Most Annotated" start but do not call it:
• TClif_89,

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

Summary by start number:

Start 1:
• Found in 1 of 9 (11.1%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: TClif_89 (K6),

Start 3:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 8
• Called 88.9% of time when present
• Phage (with cluster) where this start called: Amgine_88 (K6), Amohnition_86 (K6), DarthP_86 (K6), Ellie_87 (K6), Fefferhead_89 (K6), Hammy_86 (K6), Marshawn_87

(K6), November_86 (K6),

Summary by clusters:

There is one cluster represented in this pham: K6

Info for manual annotations of cluster K6:
•Start number 1 was manually annotated 1 time for cluster K6.
•Start number 3 was manually annotated 7 times for cluster K6.

Gene Information:

Gene: Amgine_88 Start: 57933, Stop: 58067, Start Num: 3
Candidate Starts for Amgine_88:
(Start: 3 @57933 has 7 MA's), (4, 57969), (6, 57990), (7, 58002),

Gene: Amohnition_86 Start: 56925, Stop: 57068, Start Num: 3
Candidate Starts for Amohnition_86:
(Start: 3 @56925 has 7 MA's), (4, 56964), (7, 56997),

Gene: DarthP_86 Start: 56778, Stop: 56921, Start Num: 3
Candidate Starts for DarthP_86:
(Start: 3 @56778 has 7 MA's), (4, 56817), (7, 56850),

Gene: Ellie_87 Start: 57103, Stop: 57237, Start Num: 3
Candidate Starts for Ellie_87:
(Start: 3 @57103 has 7 MA's), (4, 57139), (6, 57160), (7, 57172),

Gene: Fefferhead_89 Start: 56894, Stop: 57028, Start Num: 3
Candidate Starts for Fefferhead_89:
(Start: 3 @56894 has 7 MA's), (4, 56930), (6, 56951), (7, 56963),

Gene: Hammy_86 Start: 56768, Stop: 56911, Start Num: 3
Candidate Starts for Hammy_86:
(Start: 3 @56768 has 7 MA's), (4, 56807), (7, 56840),

Gene: Marshawn_87 Start: 57119, Stop: 57271, Start Num: 3
Candidate Starts for Marshawn_87:
(Start: 3 @57119 has 7 MA's), (6, 57170),

Gene: November_86 Start: 56842, Stop: 57006, Start Num: 3
Candidate Starts for November_86:
(Start: 3 @56842 has 7 MA's), (4, 56881), (7, 56914),

Gene: TClif_89 Start: 56195, Stop: 56344, Start Num: 1
Candidate Starts for TClif_89:
(Start: 1 @56195 has 1 MA's), (2, 56198), (Start: 3 @56213 has 7 MA's), (5, 56261), (6, 56270), (7, 56282), (8, 56327),