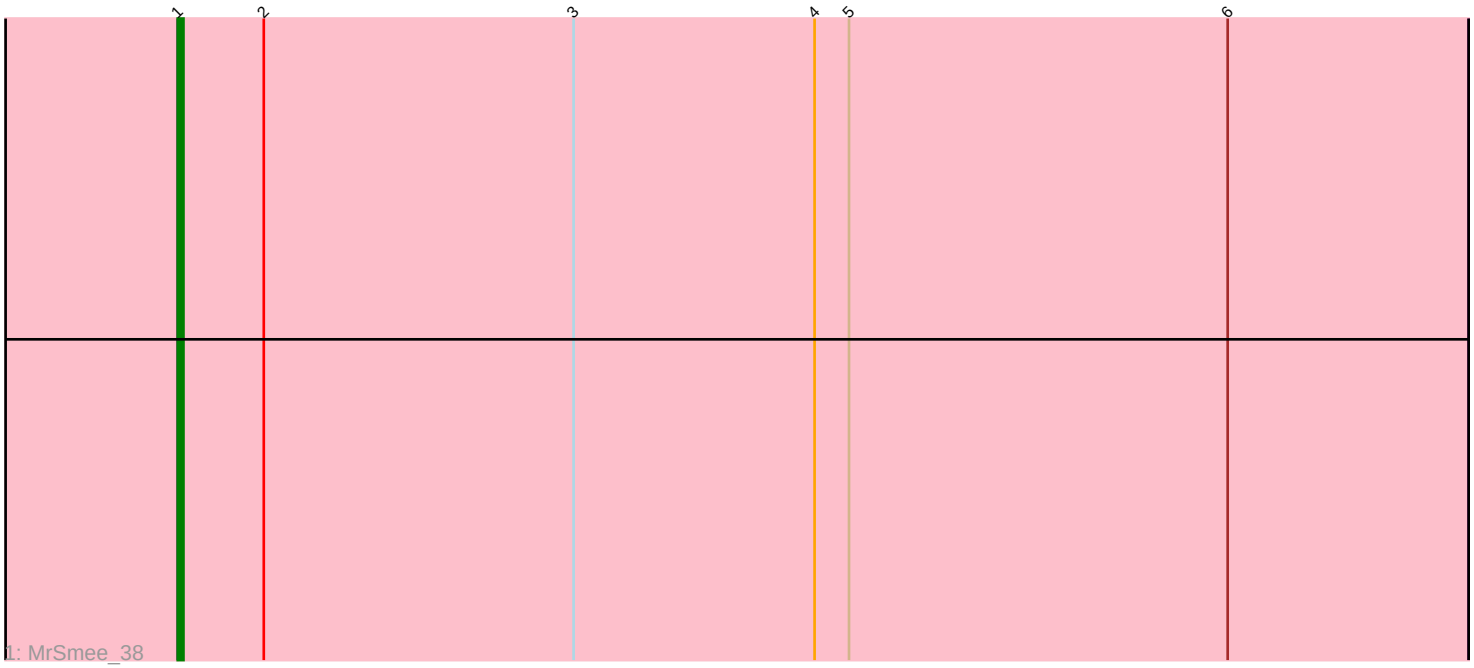
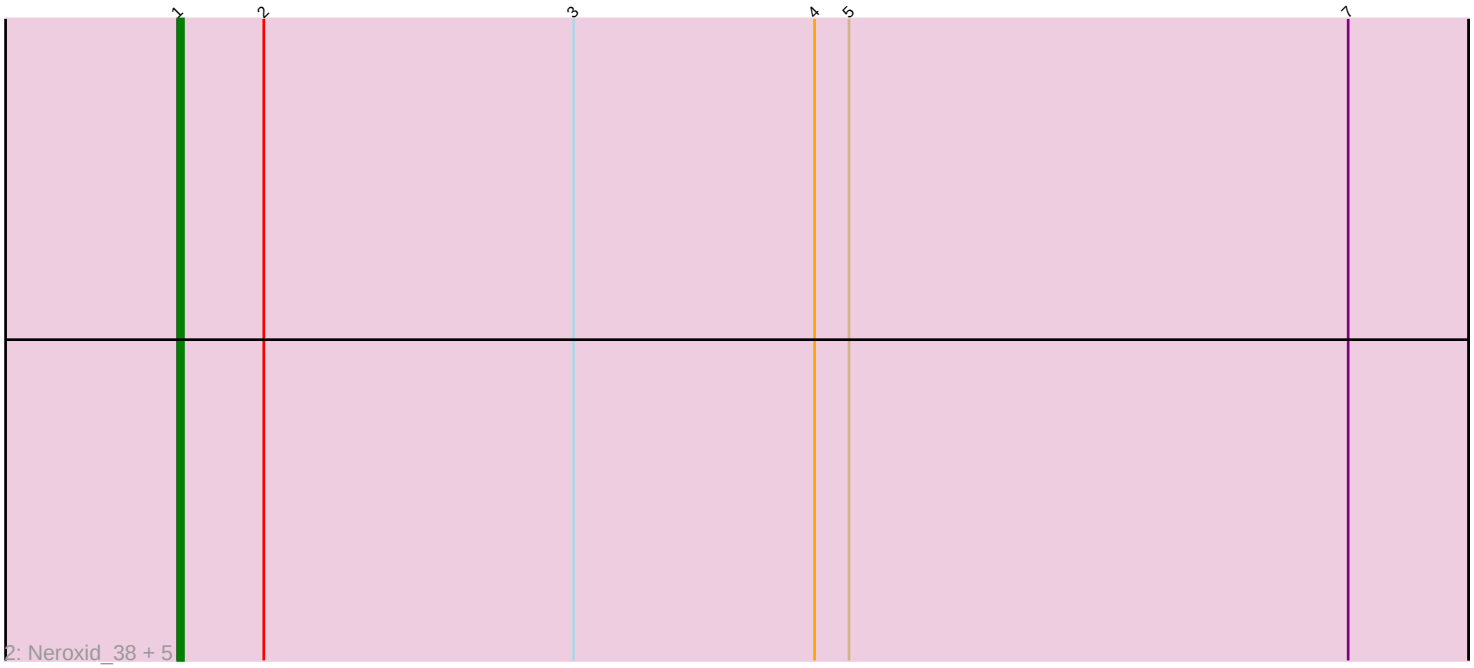
Pham 342889





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 342889 Report

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

Pham number 342889 has 7 members, 3 are drafts.

Phages represented in each track:
• Track 1 : MrSmee_38
• Track 2 : Neroxid_38, Skyerus_34, Skitty_36, Pitbull_38, Raya_38, Hum25_39

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

The start number called the most often in the published annotations is 1, it was called in 4 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Hum25_39, MrSmee_38, Neroxid_38, Pitbull_38, Raya_38, Skitty_36, Skyerus_34,

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 1:
• Found in 7 of 7 (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: Hum25_39 (FQ1), MrSmee_38 (FQ1), Neroxid_38 (FQ2), Pitbull_38 (FQ1), Raya_38 (FQ2), Skitty_36 (FQ1), Skyerus_34 (FQ2),

Summary by clusters:

There are 2 clusters represented in this pham: FQ2, FQ1,

Info for manual annotations of cluster FQ1:
•Start number 1 was manually annotated 4 times for cluster FQ1.

Gene Information:

Gene: Hum25_39 Start: 26196, Stop: 26420, Start Num: 1
Candidate Starts for Hum25_39:
(Start: 1 @26196 has 4 MA's), (2, 26211), (3, 26265), (4, 26307), (5, 26313), (7, 26400),

Gene: MrSmee_38 Start: 26835, Stop: 27059, Start Num: 1
Candidate Starts for MrSmee_38:
(Start: 1 @26835 has 4 MA's), (2, 26850), (3, 26904), (4, 26946), (5, 26952), (6, 27018),

Gene: Neroxid_38 Start: 25514, Stop: 25738, Start Num: 1
Candidate Starts for Neroxid_38:
(Start: 1 @25514 has 4 MA's), (2, 25529), (3, 25583), (4, 25625), (5, 25631), (7, 25718),

Gene: Pitbull_38 Start: 25916, Stop: 26140, Start Num: 1
Candidate Starts for Pitbull_38:
(Start: 1 @25916 has 4 MA's), (2, 25931), (3, 25985), (4, 26027), (5, 26033), (7, 26120),

Gene: Raya_38 Start: 25514, Stop: 25738, Start Num: 1
Candidate Starts for Raya_38:
(Start: 1 @25514 has 4 MA's), (2, 25529), (3, 25583), (4, 25625), (5, 25631), (7, 25718),

Gene: Skitty_36 Start: 25462, Stop: 25686, Start Num: 1
Candidate Starts for Skitty_36:
(Start: 1 @25462 has 4 MA's), (2, 25477), (3, 25531), (4, 25573), (5, 25579), (7, 25666),

Gene: Skyerus_34 Start: 23632, Stop: 23856, Start Num: 1
Candidate Starts for Skyerus_34:
(Start: 1 @23632 has 4 MA's), (2, 23647), (3, 23701), (4, 23743), (5, 23749), (7, 23836),