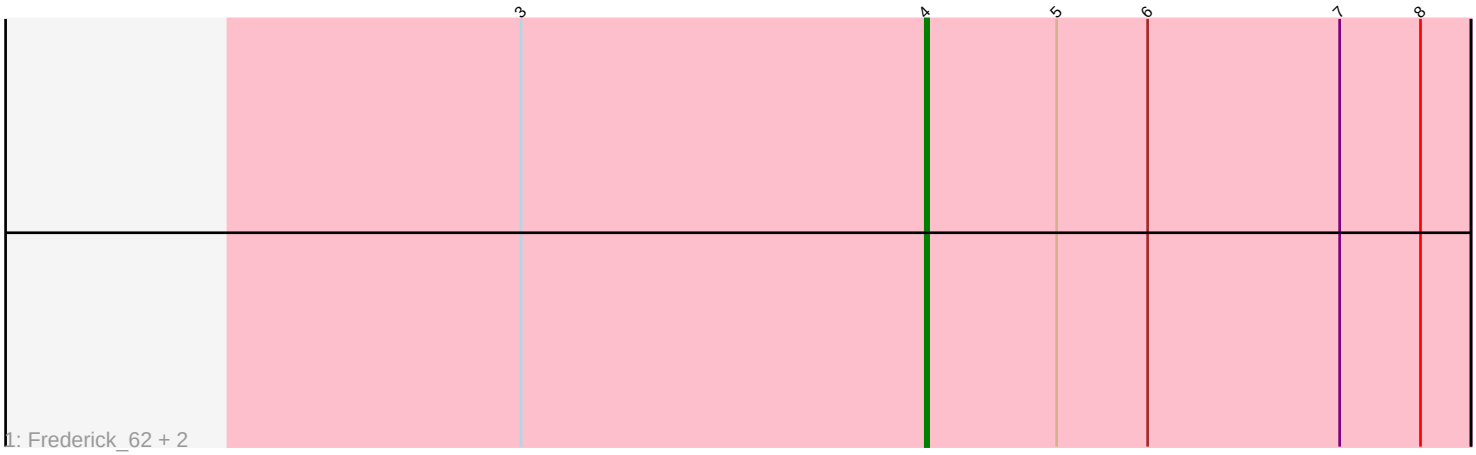
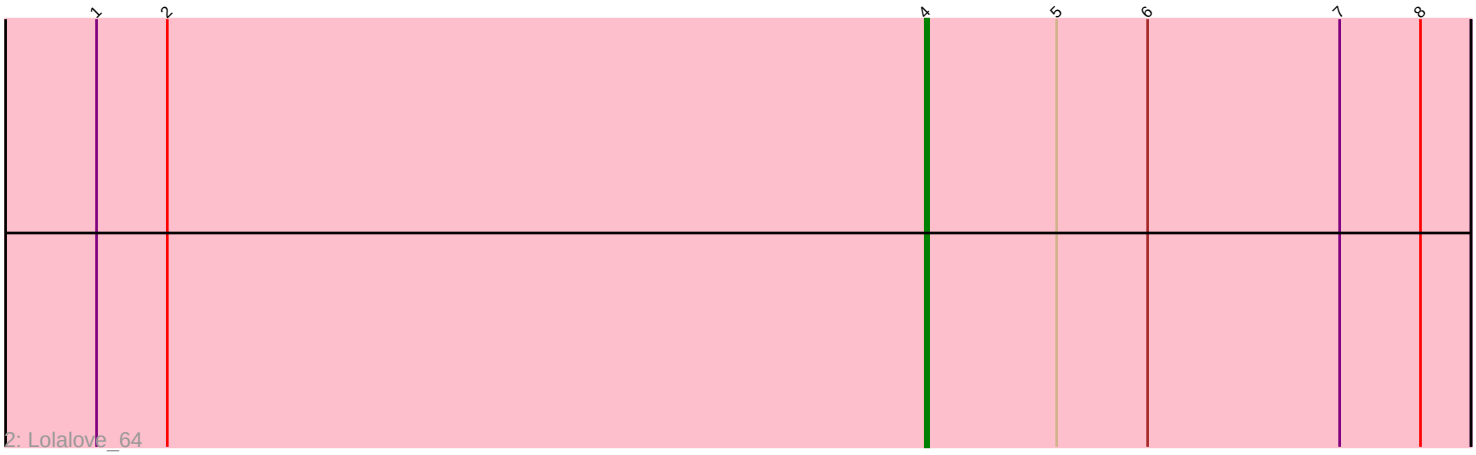
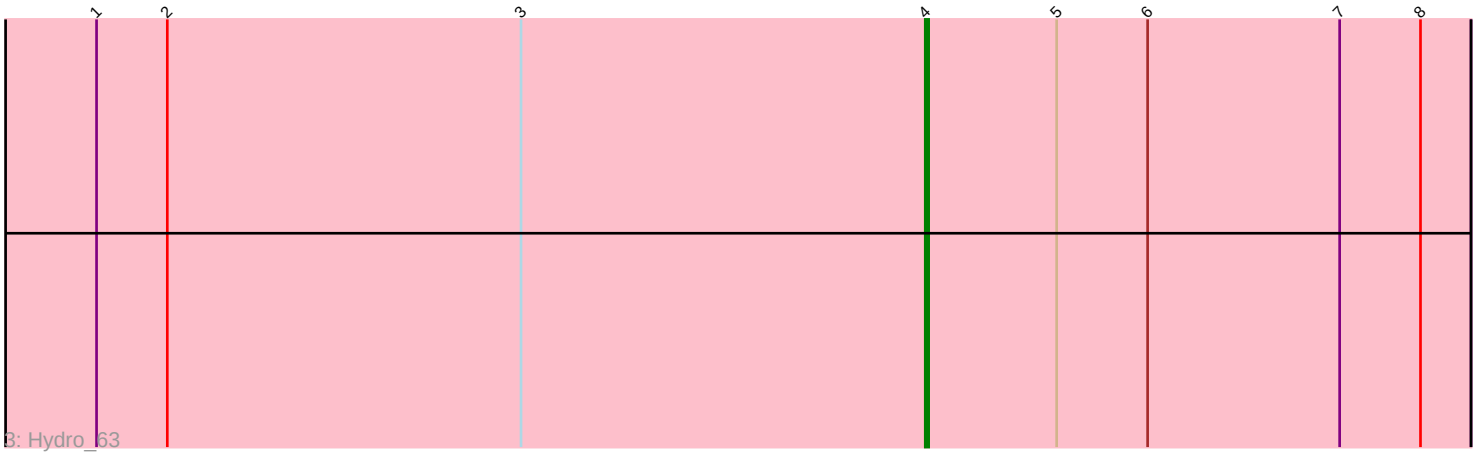
Pham 8269


3
4
5
6
7
8
1: Frederick_62 + 2


1
2
4
5
6
7
8
2: Lolalove_64


1
2
3
4
5
6
7
8
3: Hydro_63

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 8269 Report

This analysis was run 04/12/24 on database version 558.

Pham number 8269 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Frederick_62, Hangman_63, Heath_62
• Track 2 : Lolalove_64
• Track 3 : Hydro_63

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 4 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Frederick_62, Hangman_63, Heath_62, Hydro_63, Lolalove_64,

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 5 of 5 (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: Frederick_62 (B4), Hangman_63 (B4), Heath_62 (B4), Hydro_63 (B4), Lolalove_64 (B4),

Summary by clusters:

There is one cluster represented in this pham: B4

Info for manual annotations of cluster B4:
•Start number 4 was manually annotated 4 times for cluster B4.

Gene Information:

Gene: Frederick_62 Start: 58386, Stop: 58547, Start Num: 4
Candidate Starts for Frederick_62:
(3, 58266), (Start: 4 @58386 has 4 MA's), (5, 58425), (6, 58452), (7, 58509), (8, 58533),

Gene: Hangman_63 Start: 58585, Stop: 58746, Start Num: 4
Candidate Starts for Hangman_63:
(3, 58465), (Start: 4 @58585 has 4 MA's), (5, 58624), (6, 58651), (7, 58708), (8, 58732),

Gene: Heath_62 Start: 58212, Stop: 58373, Start Num: 4
Candidate Starts for Heath_62:
(3, 58092), (Start: 4 @58212 has 4 MA's), (5, 58251), (6, 58278), (7, 58335), (8, 58359),

Gene: Hydro_63 Start: 58523, Stop: 58684, Start Num: 4
Candidate Starts for Hydro_63:
(1, 58277), (2, 58298), (3, 58403), (Start: 4 @58523 has 4 MA's), (5, 58562), (6, 58589), (7, 58646), (8, 58670),

Gene: Lolalove_64 Start: 58546, Stop: 58707, Start Num: 4
Candidate Starts for Lolalove_64:
(1, 58300), (2, 58321), (Start: 4 @58546 has 4 MA's), (5, 58585), (6, 58612), (7, 58669), (8, 58693),