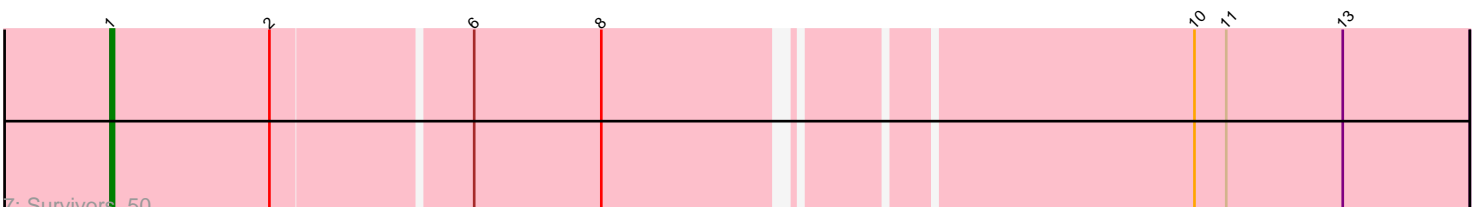
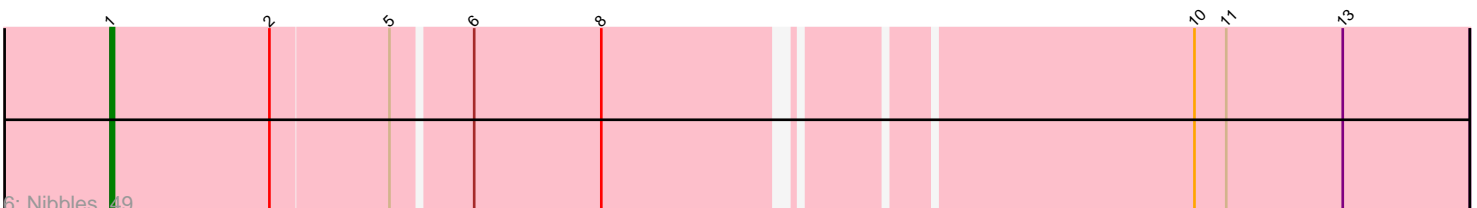
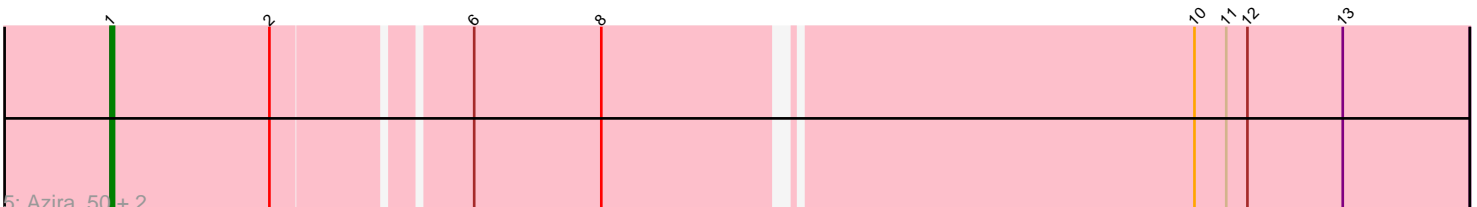
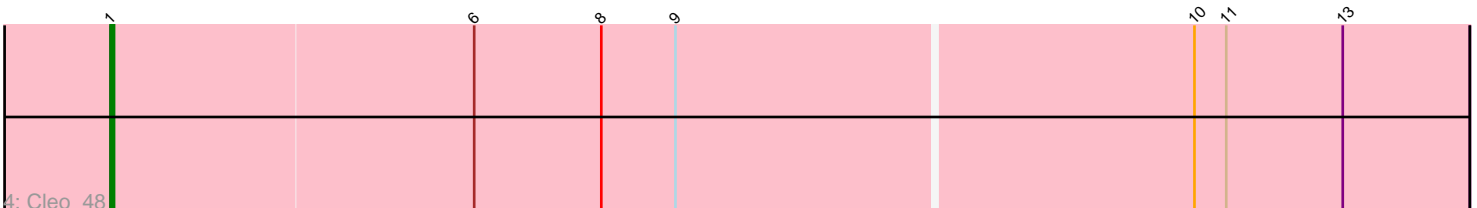
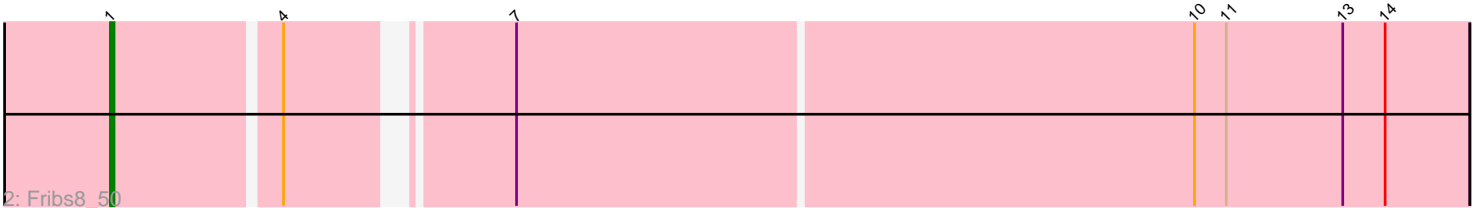
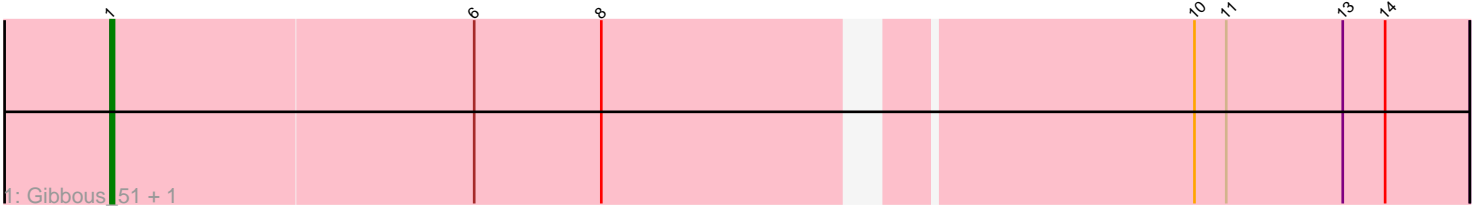


Pham 9998



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 9998 Report

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

Pham number 9998 has 10 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Gibbous_51, Dre3_51
- Track 2 : Fribs8_50
- Track 3 : HippoPololi_51
- Track 4 : Cleo_48
- Track 5 : Azira_50, Zareef_52, MaVan_50
- Track 6 : Nibbles_49
- Track 7 : Survivors_50

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

Genes that call this "Most Annotated" start:

- Azira_50, Cleo_48, Dre3_51, Fribs8_50, Gibbous_51, HippoPololi_51, MaVan_50, Nibbles_49, Survivors_50, Zareef_52,

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 10 of 10 (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: Azira_50 (CT), Cleo_48 (CT), Dre3_51 (CT), Fribs8_50 (CT), Gibbous_51 (CT), HippoPololi_51 (CT), MaVan_50 (CT), Nibbles_49 (CT), Survivors_50 (CT), Zareef_52 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Info for manual annotations of cluster CT:

- Start number 1 was manually annotated 8 times for cluster CT.

Gene Information:

Gene: Azira_50 Start: 38279, Stop: 37911, Start Num: 1

Candidate Starts for Azira_50:

(Start: 1 @38279 has 8 MA's), (2, 38234), (6, 38183), (8, 38147), (10, 37988), (11, 37979), (12, 37973), (13, 37946),

Gene: Cleo_48 Start: 38040, Stop: 37660, Start Num: 1

Candidate Starts for Cleo_48:

(Start: 1 @38040 has 8 MA's), (6, 37938), (8, 37902), (9, 37881), (10, 37737), (11, 37728), (13, 37695),

Gene: Dre3_51 Start: 38884, Stop: 38516, Start Num: 1

Candidate Starts for Dre3_51:

(Start: 1 @38884 has 8 MA's), (6, 38782), (8, 38746), (10, 38593), (11, 38584), (13, 38551), (14, 38539),

Gene: Fribs8_50 Start: 38956, Stop: 38591, Start Num: 1

Candidate Starts for Fribs8_50:

(Start: 1 @38956 has 8 MA's), (4, 38911), (7, 38857), (10, 38668), (11, 38659), (13, 38626), (14, 38614),

Gene: Gibbous_51 Start: 38884, Stop: 38516, Start Num: 1

Candidate Starts for Gibbous_51:

(Start: 1 @38884 has 8 MA's), (6, 38782), (8, 38746), (10, 38593), (11, 38584), (13, 38551), (14, 38539),

Gene: HippoPololi_51 Start: 38193, Stop: 37816, Start Num: 1

Candidate Starts for HippoPololi_51:

(Start: 1 @38193 has 8 MA's), (3, 38148), (6, 38094), (8, 38058), (10, 37893), (11, 37884), (13, 37851),

Gene: MaVan_50 Start: 38308, Stop: 37940, Start Num: 1

Candidate Starts for MaVan_50:

(Start: 1 @38308 has 8 MA's), (2, 38263), (6, 38212), (8, 38176), (10, 38017), (11, 38008), (12, 38002), (13, 37975),

Gene: Nibbles_49 Start: 38001, Stop: 37636, Start Num: 1

Candidate Starts for Nibbles_49:

(Start: 1 @38001 has 8 MA's), (2, 37956), (5, 37923), (6, 37902), (8, 37866), (10, 37713), (11, 37704), (13, 37671),

Gene: Survivors_50 Start: 38201, Stop: 37836, Start Num: 1

Candidate Starts for Survivors_50:

(Start: 1 @38201 has 8 MA's), (2, 38156), (6, 38102), (8, 38066), (10, 37913), (11, 37904), (13, 37871),

Gene: Zareef_52 Start: 38298, Stop: 37930, Start Num: 1

Candidate Starts for Zareef_52:

(Start: 1 @38298 has 8 MA's), (2, 38253), (6, 38202), (8, 38166), (10, 38007), (11, 37998), (12, 37992), (13, 37965),