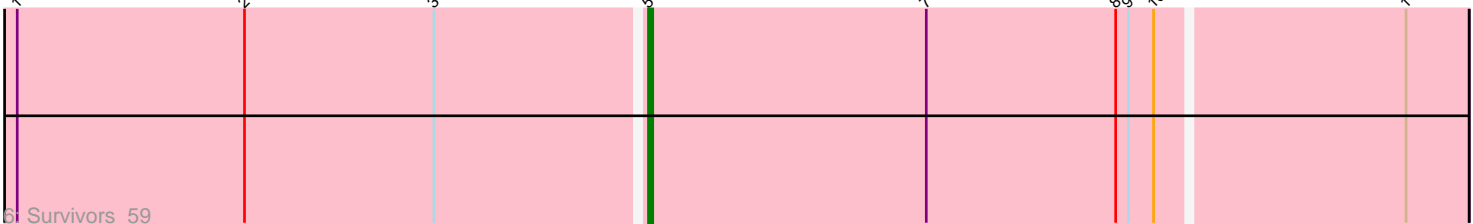
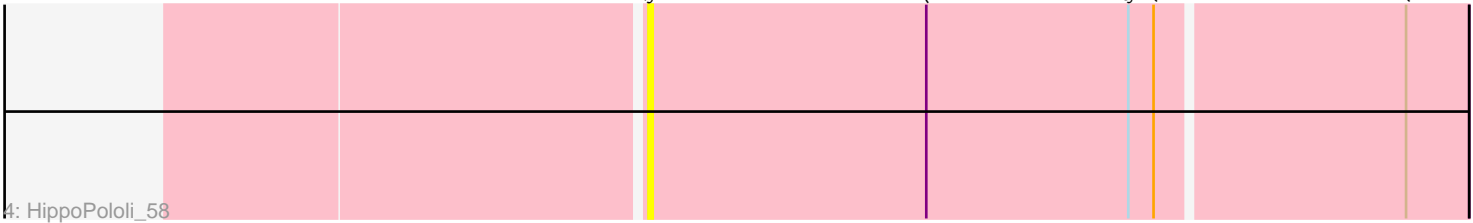
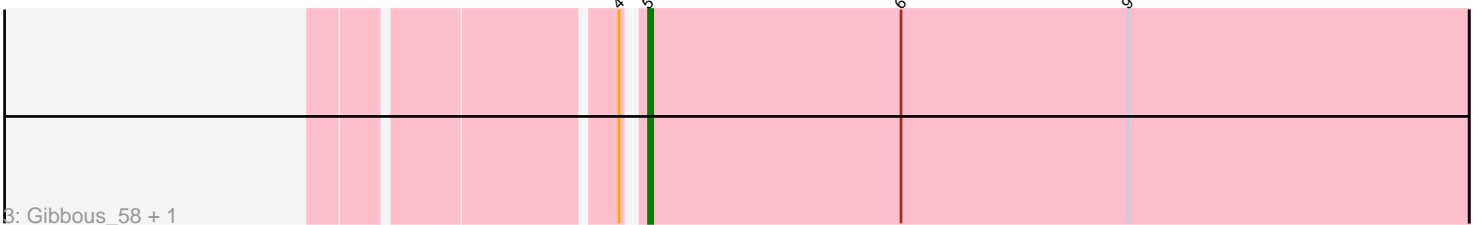
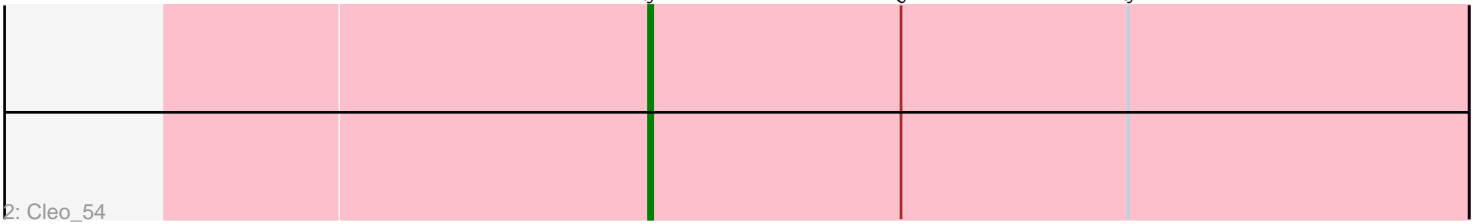
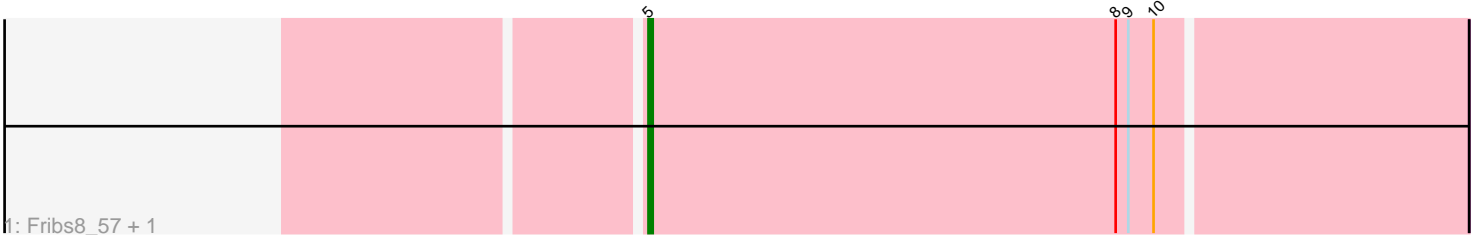


Pham 9960



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 9960 Report

This analysis was run 04/05/24 on database version 557.

Pham number 9960 has 10 members, 3 are drafts.

Phages represented in each track:

- Track 1 : Fribs8_57, Nibbles_56
- Track 2 : Cleo_54
- Track 3 : Gibbous_58, Dre3_58
- Track 4 : HippoPololi_58
- Track 5 : MaVan_59, Azira_57, Zareef_59
- Track 6 : Survivors_59

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

The start number called the most often in the published annotations is 5, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Azira_57, Cleo_54, Dre3_58, Fribs8_57, Gibbous_58, HippoPololi_58, MaVan_59, Nibbles_56, Survivors_59, Zareef_59,

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 5:

- Found in 10 of 10 (100.0%) of genes in pham
- Manual Annotations of this start: 7 of 7
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Azira_57 (CT), Cleo_54 (CT), Dre3_58 (CT), Fribs8_57 (CT), Gibbous_58 (CT), HippoPololi_58 (CT), MaVan_59 (CT), Nibbles_56 (CT), Survivors_59 (CT), Zareef_59 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Info for manual annotations of cluster CT:

•Start number 5 was manually annotated 7 times for cluster CT.

Gene Information:

Gene: Azira_57 Start: 42215, Stop: 42406, Start Num: 5

Candidate Starts for Azira_57:

(Start: 5 @42215 has 7 MA's), (7, 42281), (8, 42326), (9, 42329), (10, 42335), (11, 42392),

Gene: Cleo_54 Start: 41638, Stop: 41832, Start Num: 5

Candidate Starts for Cleo_54:

(Start: 5 @41638 has 7 MA's), (6, 41698), (9, 41752),

Gene: Dre3_58 Start: 42645, Stop: 42839, Start Num: 5

Candidate Starts for Dre3_58:

(4, 42642), (Start: 5 @42645 has 7 MA's), (6, 42705), (9, 42759),

Gene: Fribs8_57 Start: 42893, Stop: 43084, Start Num: 5

Candidate Starts for Fribs8_57:

(Start: 5 @42893 has 7 MA's), (8, 43004), (9, 43007), (10, 43013),

Gene: Gibbous_58 Start: 42645, Stop: 42839, Start Num: 5

Candidate Starts for Gibbous_58:

(4, 42642), (Start: 5 @42645 has 7 MA's), (6, 42705), (9, 42759),

Gene: HippoPololi_58 Start: 41791, Stop: 41982, Start Num: 5

Candidate Starts for HippoPololi_58:

(Start: 5 @41791 has 7 MA's), (7, 41857), (9, 41905), (10, 41911), (11, 41968),

Gene: MaVan_59 Start: 42245, Stop: 42436, Start Num: 5

Candidate Starts for MaVan_59:

(Start: 5 @42245 has 7 MA's), (7, 42311), (8, 42356), (9, 42359), (10, 42365), (11, 42422),

Gene: Nibbles_56 Start: 41925, Stop: 42116, Start Num: 5

Candidate Starts for Nibbles_56:

(Start: 5 @41925 has 7 MA's), (8, 42036), (9, 42039), (10, 42045),

Gene: Survivors_59 Start: 42307, Stop: 42498, Start Num: 5

Candidate Starts for Survivors_59:

(1, 42160), (2, 42214), (3, 42259), (Start: 5 @42307 has 7 MA's), (7, 42373), (8, 42418), (9, 42421), (10, 42427), (11, 42484),

Gene: Zareef_59 Start: 42235, Stop: 42426, Start Num: 5

Candidate Starts for Zareef_59:

(Start: 5 @42235 has 7 MA's), (7, 42301), (8, 42346), (9, 42349), (10, 42355), (11, 42412),