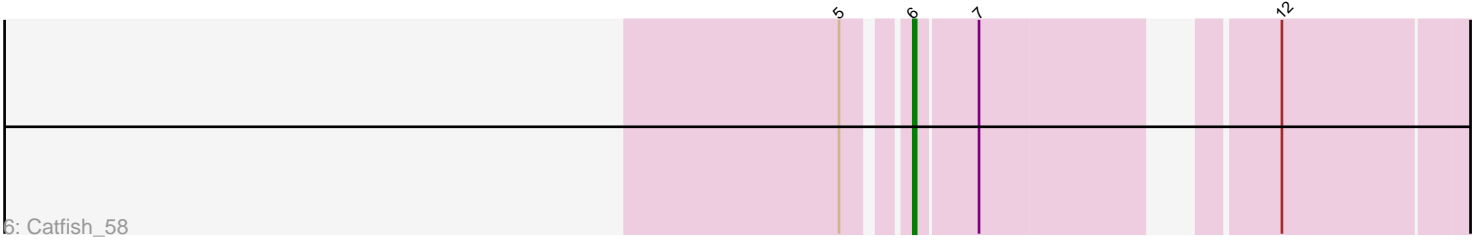
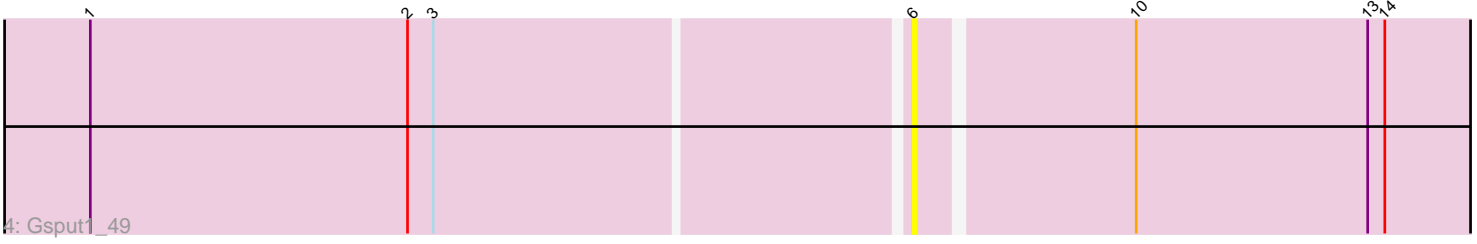
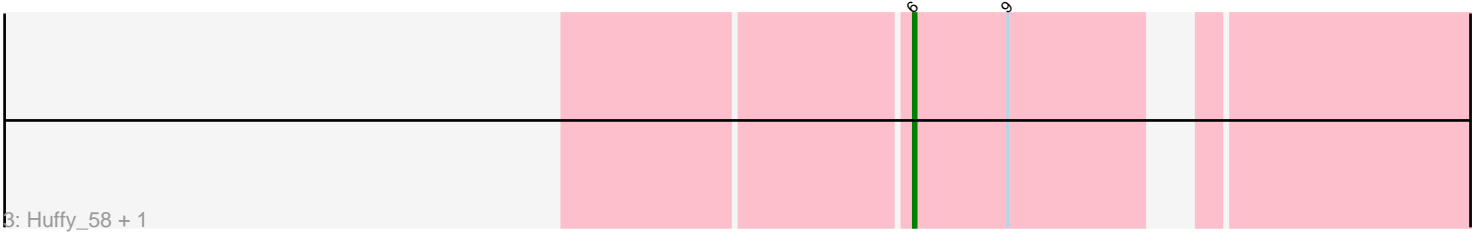
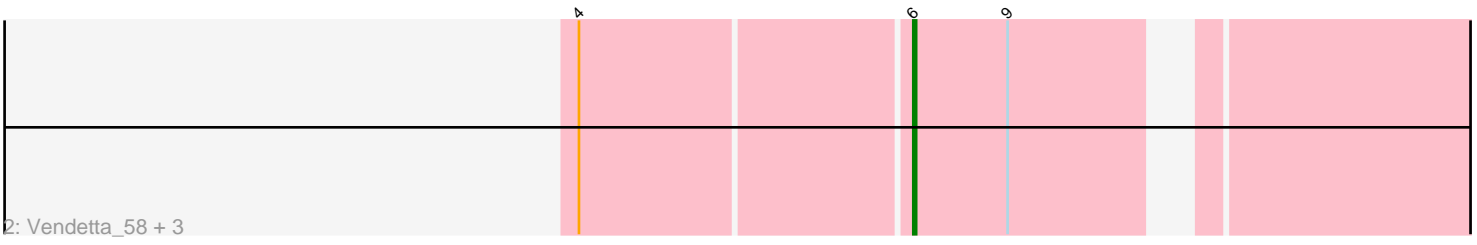
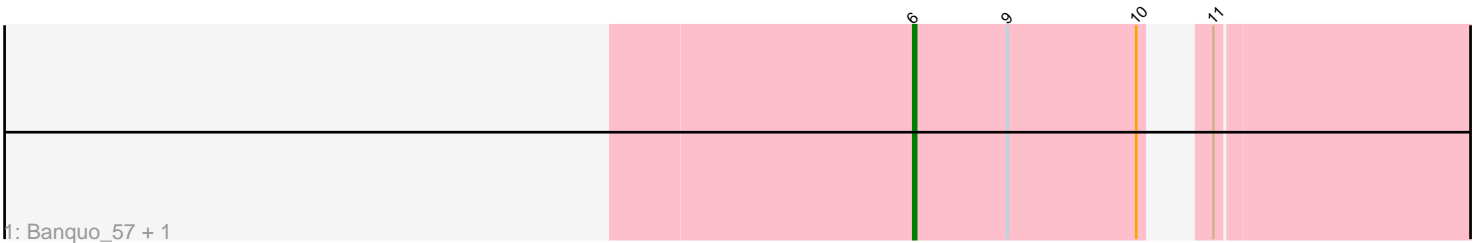


Pham 87318



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 87318 Report

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

Pham number 87318 has 11 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Banquo_57, TinaLin_57
- Track 2 : Vendetta_58, Splinter_58, TZGordon_59, Goib_59
- Track 3 : Huff_58, DinoDaryn_58
- Track 4 : Gspu1_49
- Track 5 : Schmidt_52
- Track 6 : Catfish_58

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

The start number called the most often in the published annotations is 6, it was called in 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Banquo_57, Catfish_58, DinoDaryn_58, Goib_59, Gspu1_49, Huff_58, Schmidt_52, Splinter_58, TZGordon_59, TinaLin_57, Vendetta_58,

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 6:

- Found in 11 of 11 (100.0%) of genes in pham
- Manual Annotations of this start: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Banquo_57 (CU1), Catfish_58 (CU5), DinoDaryn_58 (CU1), Goib_59 (CU1), Gspu1_49 (CU2), Huff_58 (CU1), Schmidt_52 (CU4), Splinter_58 (CU1), TZGordon_59 (CU1), TinaLin_57 (CU1), Vendetta_58 (CU1),

Summary by clusters:

There are 4 clusters represented in this pham: CU5, CU4, CU2, CU1,

Info for manual annotations of cluster CU1:

- Start number 6 was manually annotated 8 times for cluster CU1.

Info for manual annotations of cluster CU4:

- Start number 6 was manually annotated 1 time for cluster CU4.

Info for manual annotations of cluster CU5:

- Start number 6 was manually annotated 1 time for cluster CU5.

Gene Information:

Gene: Banquo_57 Start: 37415, Stop: 37600, Start Num: 6

Candidate Starts for Banquo_57:

(Start: 6 @37415 has 10 MA's), (9, 37448), (10, 37493), (11, 37502),

Gene: Catfish_58 Start: 39458, Stop: 39631, Start Num: 6

Candidate Starts for Catfish_58:

(5, 39440), (Start: 6 @39458 has 10 MA's), (7, 39479), (12, 39563),

Gene: DinoDaryn_58 Start: 37500, Stop: 37685, Start Num: 6

Candidate Starts for DinoDaryn_58:

(Start: 6 @37500 has 10 MA's), (9, 37533),

Gene: Goib_59 Start: 38610, Stop: 38795, Start Num: 6

Candidate Starts for Goib_59:

(4, 38499), (Start: 6 @38610 has 10 MA's), (9, 38643),

Gene: Gspu1_49 Start: 35471, Stop: 35674, Start Num: 6

Candidate Starts for Gspu1_49:

(1, 35192), (2, 35303), (3, 35312), (Start: 6 @35471 has 10 MA's), (10, 35543), (13, 35624), (14, 35630),

Gene: Huffy_58 Start: 37500, Stop: 37685, Start Num: 6

Candidate Starts for Huffy_58:

(Start: 6 @37500 has 10 MA's), (9, 37533),

Gene: Schmidt_52 Start: 35139, Stop: 35315, Start Num: 6

Candidate Starts for Schmidt_52:

(Start: 6 @35139 has 10 MA's), (8, 35160),

Gene: Splinter_58 Start: 38581, Stop: 38766, Start Num: 6

Candidate Starts for Splinter_58:

(4, 38470), (Start: 6 @38581 has 10 MA's), (9, 38614),

Gene: TZGordon_59 Start: 37476, Stop: 37661, Start Num: 6

Candidate Starts for TZGordon_59:

(4, 37365), (Start: 6 @37476 has 10 MA's), (9, 37509),

Gene: TinaLin_57 Start: 37339, Stop: 37524, Start Num: 6

Candidate Starts for TinaLin_57:

(Start: 6 @37339 has 10 MA's), (9, 37372), (10, 37417), (11, 37426),

Gene: Vendetta_58 Start: 38581, Stop: 38766, Start Num: 6

Candidate Starts for Vendetta_58:

(4, 38470), (Start: 6 @38581 has 10 MA's), (9, 38614),