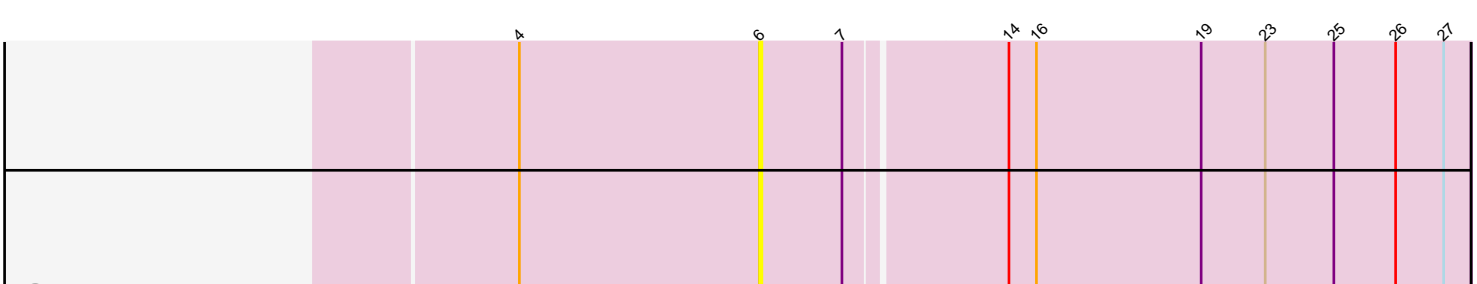
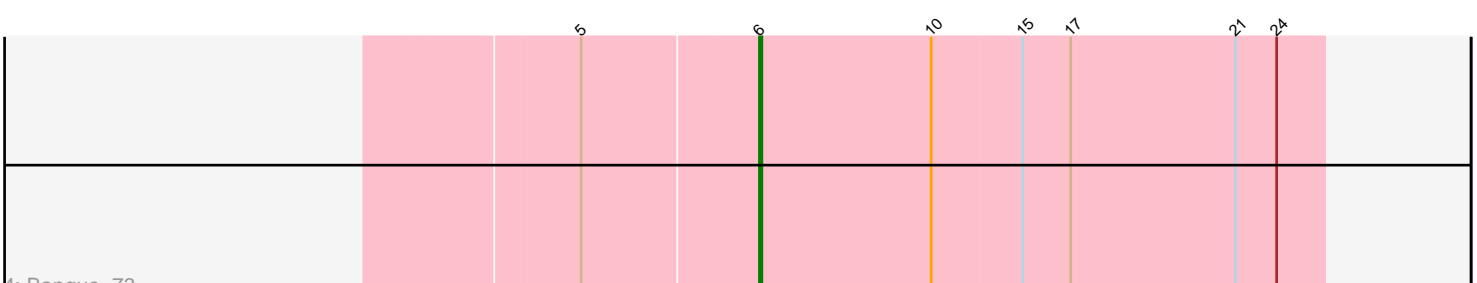
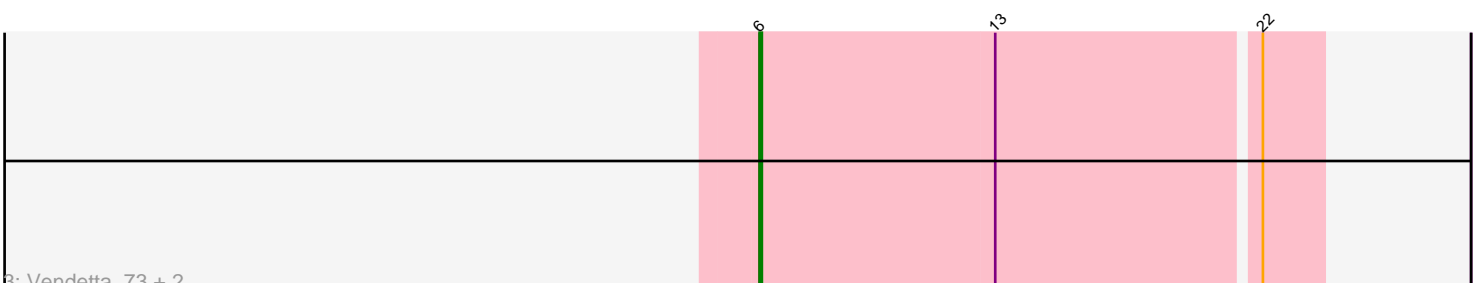
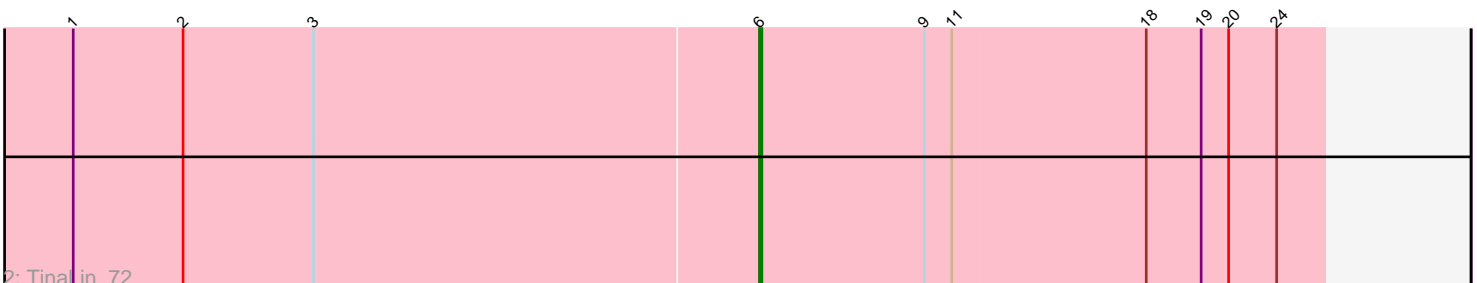
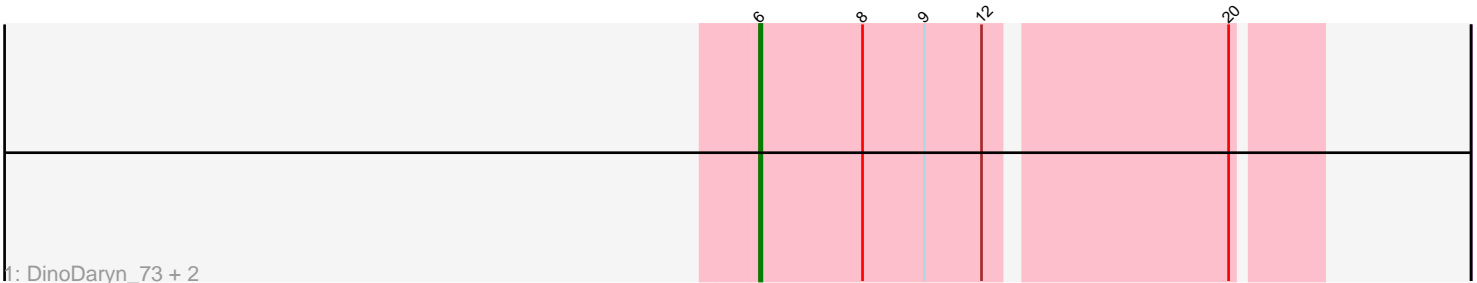


Pham 87607



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 87607 Report

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

Pham number 87607 has 9 members, 1 are drafts.

Phages represented in each track:

- Track 1 : DinoDaryn_73, TZGordon_74, Huffy_73
- Track 2 : TinaLin_72
- Track 3 : Vendetta_73, Splinter_73, Goib_73
- Track 4 : Banquo_73
- Track 5 : Gsput1_66

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

Genes that call this "Most Annotated" start:

- Banquo_73, DinoDaryn_73, Goib_73, Gsput1_66, Huffy_73, Splinter_73, TZGordon_74, TinaLin_72, Vendetta_73,

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 9 of 9 (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: Banquo_73 (CU1), DinoDaryn_73 (CU1), Goib_73 (CU1), Gsput1_66 (CU2), Huffy_73 (CU1), Splinter_73 (CU1), TZGordon_74 (CU1), TinaLin_72 (CU1), Vendetta_73 (CU1),

Summary by clusters:

There are 2 clusters represented in this pham: CU2, CU1,

Info for manual annotations of cluster CU1:

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

Gene Information:

Gene: Banquo_73 Start: 42643, Stop: 42888, Start Num: 6

Candidate Starts for Banquo_73:

(5, 42568), (Start: 6 @42643 has 8 MA's), (10, 42718), (15, 42757), (17, 42778), (21, 42850), (24, 42868),

Gene: DinoDaryn_73 Start: 42695, Stop: 42925, Start Num: 6

Candidate Starts for DinoDaryn_73:

(Start: 6 @42695 has 8 MA's), (8, 42740), (9, 42767), (12, 42791), (20, 42890),

Gene: Goib_73 Start: 43790, Stop: 44029, Start Num: 6

Candidate Starts for Goib_73:

(Start: 6 @43790 has 8 MA's), (13, 43892), (22, 44003),

Gene: Gspu1_66 Start: 42004, Stop: 42306, Start Num: 6

Candidate Starts for Gspu1_66:

(4, 41899), (Start: 6 @42004 has 8 MA's), (7, 42040), (14, 42106), (16, 42118), (19, 42190), (23, 42217), (25, 42247), (26, 42274), (27, 42295),

Gene: Huff_73 Start: 42695, Stop: 42925, Start Num: 6

Candidate Starts for Huff_73:

(Start: 6 @42695 has 8 MA's), (8, 42740), (9, 42767), (12, 42791), (20, 42890),

Gene: Splinter_73 Start: 43774, Stop: 44013, Start Num: 6

Candidate Starts for Splinter_73:

(Start: 6 @43774 has 8 MA's), (13, 43876), (22, 43987),

Gene: TZGordon_74 Start: 42662, Stop: 42892, Start Num: 6

Candidate Starts for TZGordon_74:

(Start: 6 @42662 has 8 MA's), (8, 42707), (9, 42734), (12, 42758), (20, 42857),

Gene: TinaLin_72 Start: 42341, Stop: 42586, Start Num: 6

Candidate Starts for TinaLin_72:

(1, 42044), (2, 42092), (3, 42149), (Start: 6 @42341 has 8 MA's), (9, 42413), (11, 42425), (18, 42509), (19, 42533), (20, 42545), (24, 42566),

Gene: Vendetta_73 Start: 43774, Stop: 44013, Start Num: 6

Candidate Starts for Vendetta_73:

(Start: 6 @43774 has 8 MA's), (13, 43876), (22, 43987),