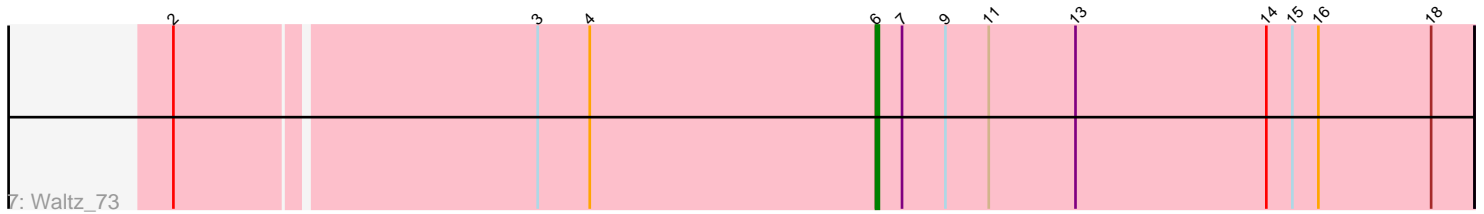
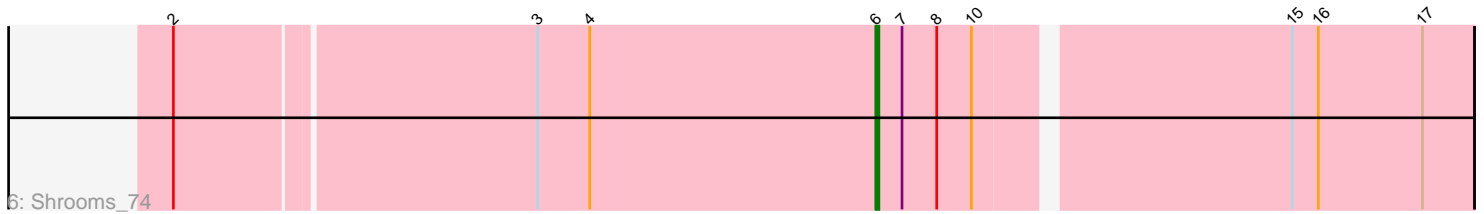
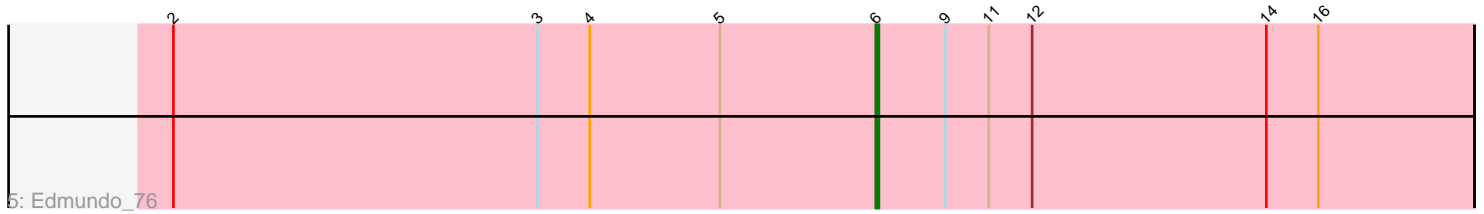
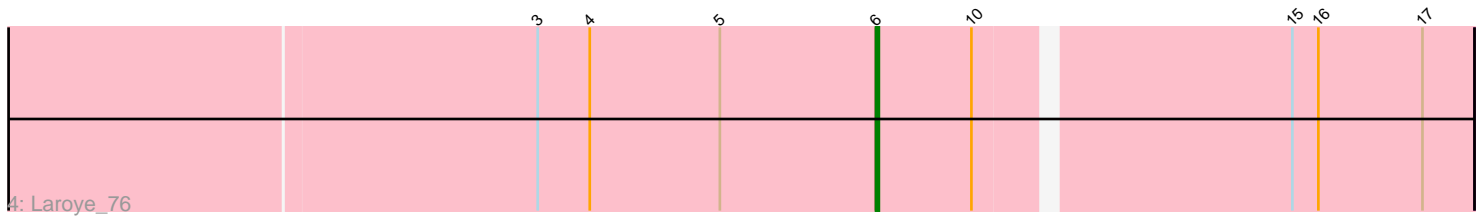
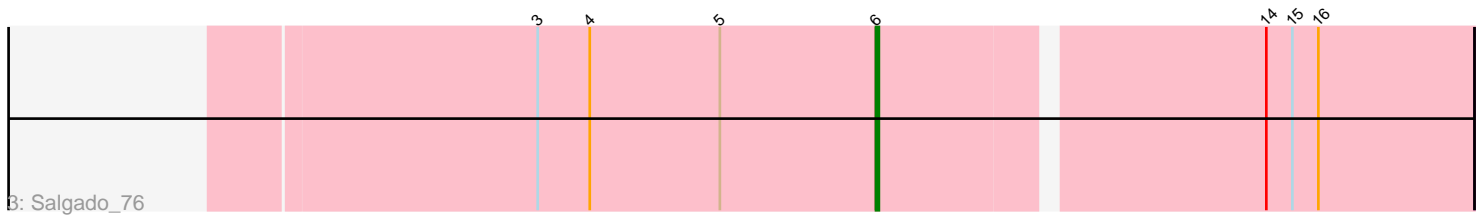
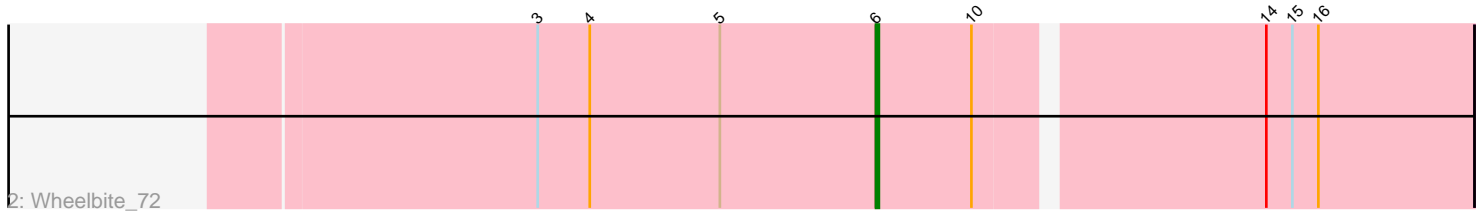
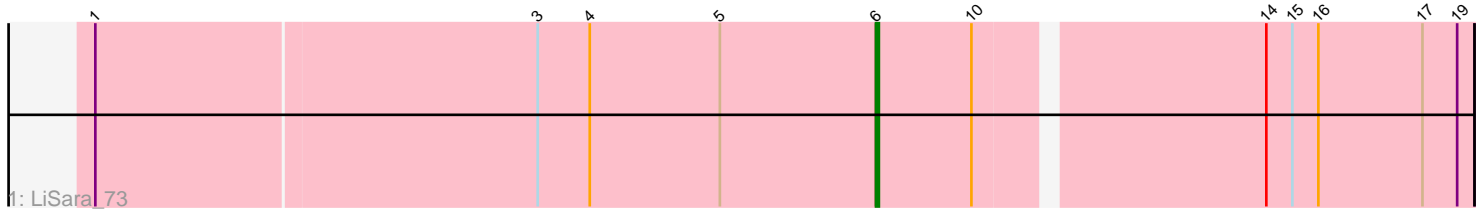


Pham 7003



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 7003 Report

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

Pham number 7003 has 7 members, 0 are drafts.

Phages represented in each track:

- Track 1 : LiSara_73
- Track 2 : Wheelbite_72
- Track 3 : Salgado_76
- Track 4 : Laroye_76
- Track 5 : Edmundo_76
- Track 6 : Shrooms_74
- Track 7 : Waltz_73

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 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Edmundo_76, Laroye_76, LiSara_73, Salgado_76, Shrooms_74, Waltz_73, Wheelbite_72,

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 7 of 7 (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: Edmundo_76 (AL), Laroye_76 (AL), LiSara_73 (AL), Salgado_76 (AL), Shrooms_74 (AL), Waltz_73 (AL), Wheelbite_72 (AL),

Summary by clusters:

There is one cluster represented in this pham: AL

Info for manual annotations of cluster AL:

- Start number 6 was manually annotated 7 times for cluster AL.

Gene Information:

Gene: Edmundo_76 Start: 46939, Stop: 46733, Start Num: 6

Candidate Starts for Edmundo_76:

(2, 47182), (3, 47056), (4, 47038), (5, 46993), (Start: 6 @46939 has 7 MA's), (9, 46915), (11, 46900), (12, 46885), (14, 46804), (16, 46786),

Gene: Laroye_76 Start: 46360, Stop: 46163, Start Num: 6

Candidate Starts for Laroye_76:

(3, 46477), (4, 46459), (5, 46414), (Start: 6 @46360 has 7 MA's), (10, 46327), (15, 46225), (16, 46216), (17, 46180),

Gene: LiSara_73 Start: 46494, Stop: 46297, Start Num: 6

Candidate Starts for LiSara_73:

(1, 46761), (3, 46611), (4, 46593), (5, 46548), (Start: 6 @46494 has 7 MA's), (10, 46461), (14, 46368), (15, 46359), (16, 46350), (17, 46314), (19, 46302),

Gene: Salgado_76 Start: 46179, Stop: 45982, Start Num: 6

Candidate Starts for Salgado_76:

(3, 46296), (4, 46278), (5, 46233), (Start: 6 @46179 has 7 MA's), (14, 46053), (15, 46044), (16, 46035),

Gene: Shrooms_74 Start: 44617, Stop: 44420, Start Num: 6

Candidate Starts for Shrooms_74:

(2, 44854), (3, 44734), (4, 44716), (Start: 6 @44617 has 7 MA's), (7, 44608), (8, 44596), (10, 44584), (15, 44482), (16, 44473), (17, 44437),

Gene: Waltz_73 Start: 44624, Stop: 44418, Start Num: 6

Candidate Starts for Waltz_73:

(2, 44861), (3, 44741), (4, 44723), (Start: 6 @44624 has 7 MA's), (7, 44615), (9, 44600), (11, 44585), (13, 44555), (14, 44489), (15, 44480), (16, 44471), (18, 44432),

Gene: Wheelbite_72 Start: 46298, Stop: 46101, Start Num: 6

Candidate Starts for Wheelbite_72:

(3, 46415), (4, 46397), (5, 46352), (Start: 6 @46298 has 7 MA's), (10, 46265), (14, 46172), (15, 46163), (16, 46154),