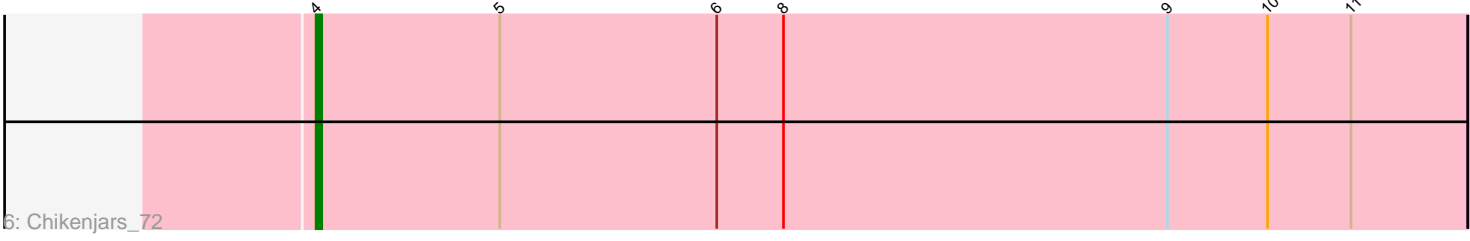
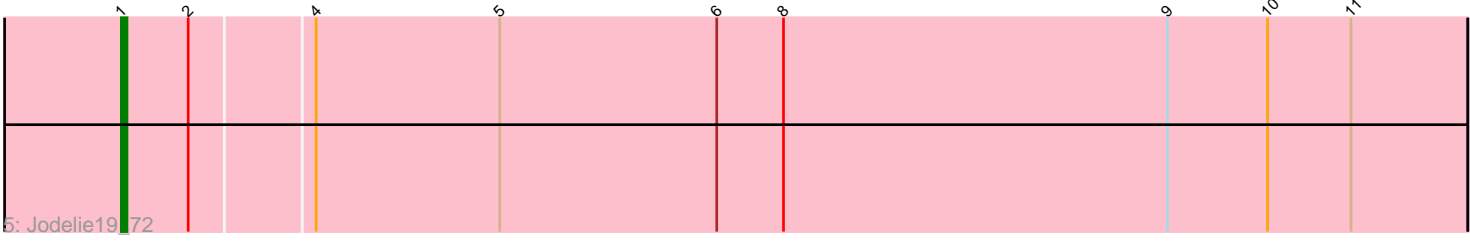
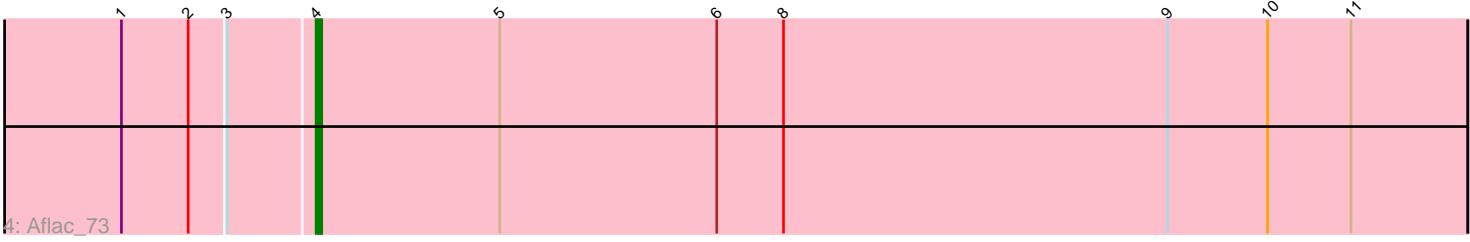
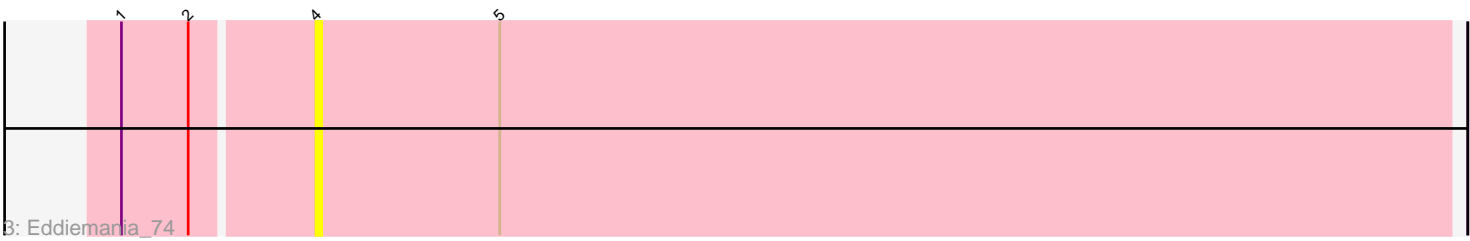
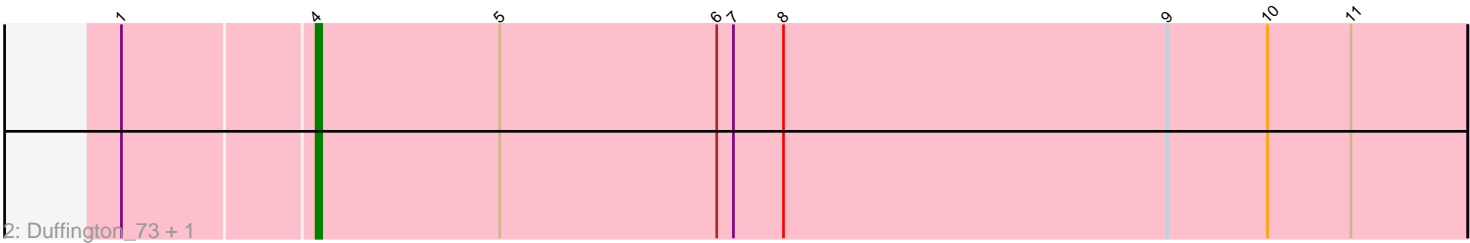
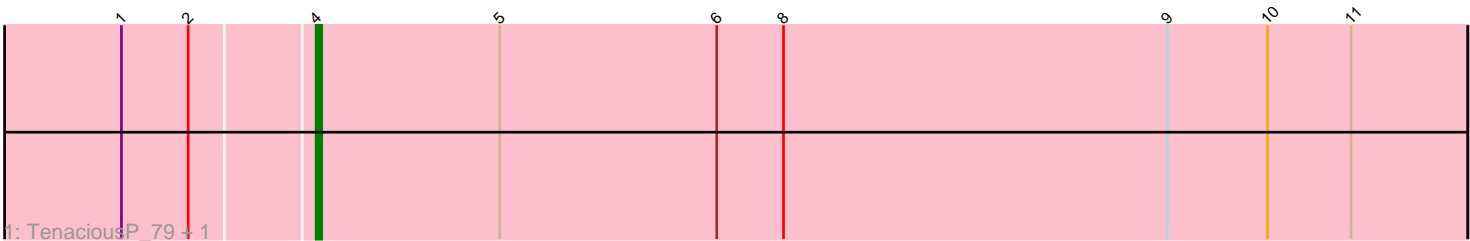


Pham 28273



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 28273 Report

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

Pham number 28273 has 8 members, 2 are drafts.

Phages represented in each track:

- Track 1 : TenaciousP_79, Figliar_72
- Track 2 : Duffington_73, OlgasClover_74
- Track 3 : Eddiemania_74
- Track 4 : Aflac_73
- Track 5 : Jodelie19_72
- Track 6 : Chikenjars_72

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

The start number called the most often in the published annotations is 4, it was called in 5 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Aflac_73, Chikenjars_72, Duffington_73, Eddiemania_74, Figliar_72, OlgasClover_74, TenaciousP_79,

Genes that have the "Most Annotated" start but do not call it:

- Jodelie19_72,

Genes that do not have the "Most Annotated" start:

•

Summary by start number:

Start 1:

- Found in 7 of 8 (87.5%) of genes in pham
- Manual Annotations of this start: 1 of 6
- Called 14.3% of time when present
- Phage (with cluster) where this start called: Jodelie19_72 (DJ),

Start 4:

- Found in 8 of 8 (100.0%) of genes in pham
- Manual Annotations of this start: 5 of 6
- Called 87.5% of time when present

- Phage (with cluster) where this start called: Aflac_73 (DJ), Chikenjars_72 (DJ), Duffington_73 (DJ), Eddiemania_74 (DJ), Figliar_72 (DJ), OlgasClover_74 (DJ), TenaciousP_79 (DJ),

Summary by clusters:

There is one cluster represented in this pham: DJ

Info for manual annotations of cluster DJ:

- Start number 1 was manually annotated 1 time for cluster DJ.
- Start number 4 was manually annotated 5 times for cluster DJ.

Gene Information:

Gene: Aflac_73 Start: 50852, Stop: 51058, Start Num: 4

Candidate Starts for Aflac_73:

(Start: 1 @50819 has 1 MA's), (2, 50831), (3, 50837), (Start: 4 @50852 has 5 MA's), (5, 50885), (6, 50924), (8, 50936), (9, 51005), (10, 51023), (11, 51038),

Gene: Chikenjars_72 Start: 50926, Stop: 51132, Start Num: 4

Candidate Starts for Chikenjars_72:

(Start: 4 @50926 has 5 MA's), (5, 50959), (6, 50998), (8, 51010), (9, 51079), (10, 51097), (11, 51112),

Gene: Duffington_73 Start: 50858, Stop: 51064, Start Num: 4

Candidate Starts for Duffington_73:

(Start: 1 @50825 has 1 MA's), (Start: 4 @50858 has 5 MA's), (5, 50891), (6, 50930), (7, 50933), (8, 50942), (9, 51011), (10, 51029), (11, 51044),

Gene: Eddiemania_74 Start: 51559, Stop: 51762, Start Num: 4

Candidate Starts for Eddiemania_74:

(Start: 1 @51526 has 1 MA's), (2, 51538), (Start: 4 @51559 has 5 MA's), (5, 51592),

Gene: Figliar_72 Start: 50921, Stop: 51127, Start Num: 4

Candidate Starts for Figliar_72:

(Start: 1 @50888 has 1 MA's), (2, 50900), (Start: 4 @50921 has 5 MA's), (5, 50954), (6, 50993), (8, 51005), (9, 51074), (10, 51092), (11, 51107),

Gene: Jodelie19_72 Start: 52055, Stop: 52294, Start Num: 1

Candidate Starts for Jodelie19_72:

(Start: 1 @52055 has 1 MA's), (2, 52067), (Start: 4 @52088 has 5 MA's), (5, 52121), (6, 52160), (8, 52172), (9, 52241), (10, 52259), (11, 52274),

Gene: OlgasClover_74 Start: 51430, Stop: 51636, Start Num: 4

Candidate Starts for OlgasClover_74:

(Start: 1 @51397 has 1 MA's), (Start: 4 @51430 has 5 MA's), (5, 51463), (6, 51502), (7, 51505), (8, 51514), (9, 51583), (10, 51601), (11, 51616),

Gene: TenaciousP_79 Start: 52050, Stop: 52256, Start Num: 4

Candidate Starts for TenaciousP_79:

(Start: 1 @52017 has 1 MA's), (2, 52029), (Start: 4 @52050 has 5 MA's), (5, 52083), (6, 52122), (8, 52134), (9, 52203), (10, 52221), (11, 52236),

