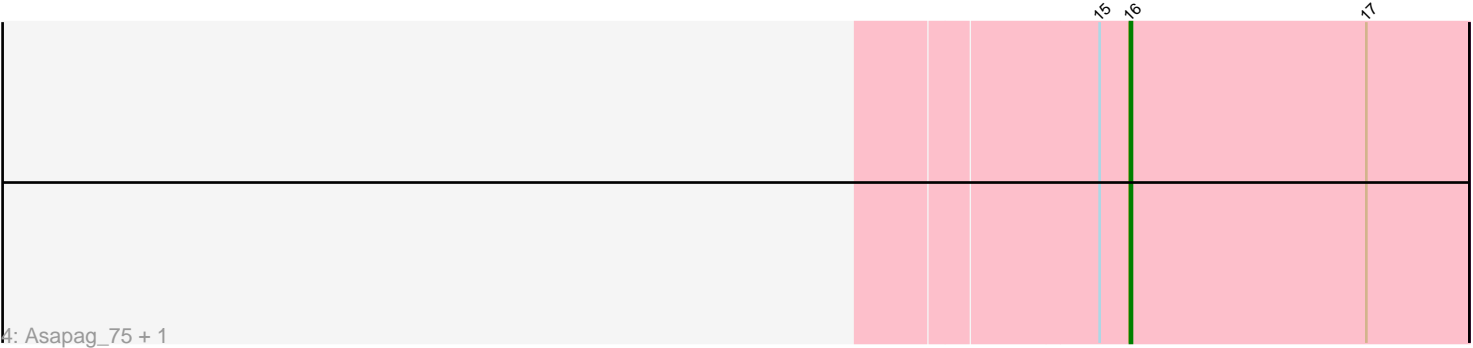
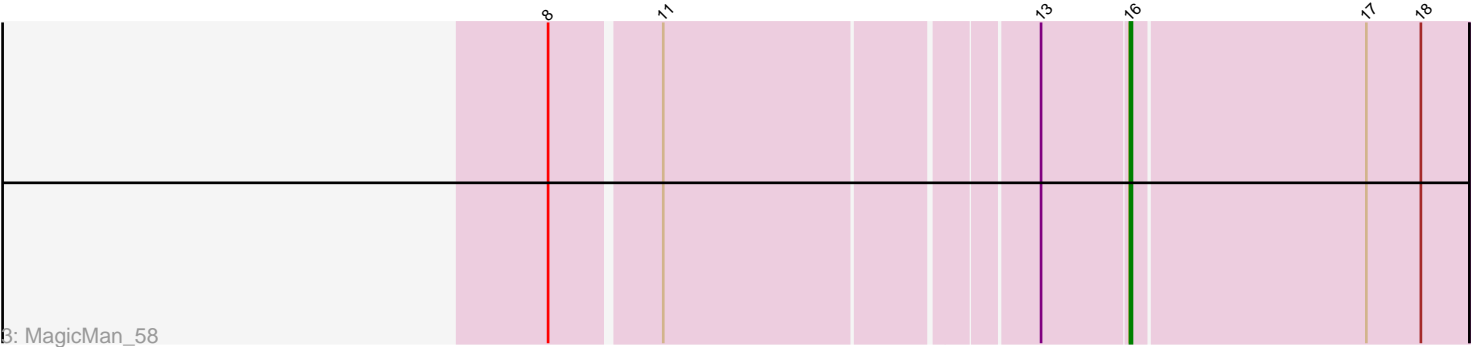
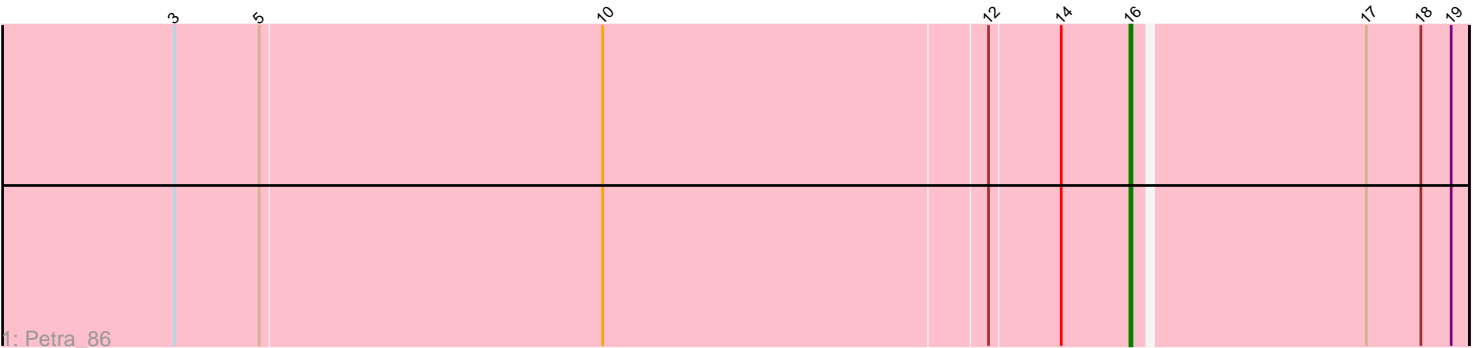


Pham 9364



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 9364 Report

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

Pham number 9364 has 5 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Petra_86
- Track 2 : BlingBling_73
- Track 3 : MagicMan_58
- Track 4 : Asapag_75, Birdsong_74

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

The start number called the most often in the published annotations is 16, it was called in 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Asapag_75, Birdsong_74, BlingBling_73, MagicMan_58, Petra_86,

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 16:

- Found in 5 of 5 (100.0%) of genes in pham
- Manual Annotations of this start: 5 of 5
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Asapag_75 (DN1), Birdsong_74 (DN), BlingBling_73 (CV), MagicMan_58 (DB), Petra_86 (CV),

Summary by clusters:

There are 4 clusters represented in this pham: DN, DB, DN1, CV,

Info for manual annotations of cluster CV:

- Start number 16 was manually annotated 2 times for cluster CV.

Info for manual annotations of cluster DB:

- Start number 16 was manually annotated 1 time for cluster DB.

Info for manual annotations of cluster DN:

- Start number 16 was manually annotated 1 time for cluster DN.

Info for manual annotations of cluster DN1:

- Start number 16 was manually annotated 1 time for cluster DN1.

Gene Information:

Gene: Asapag_75 Start: 43928, Stop: 44095, Start Num: 16

Candidate Starts for Asapag_75:

(15, 43913), (Start: 16 @43928 has 5 MA's), (17, 44045),

Gene: Birdsong_74 Start: 43664, Stop: 43831, Start Num: 16

Candidate Starts for Birdsong_74:

(15, 43649), (Start: 16 @43664 has 5 MA's), (17, 43781),

Gene: BlingBling_73 Start: 46988, Stop: 47149, Start Num: 16

Candidate Starts for BlingBling_73:

(1, 46466), (2, 46487), (4, 46556), (6, 46664), (7, 46679), (9, 46715), (Start: 16 @46988 has 5 MA's), (18, 47129),

Gene: MagicMan_58 Start: 40729, Stop: 40893, Start Num: 16

Candidate Starts for MagicMan_58:

(8, 40462), (11, 40513), (13, 40687), (Start: 16 @40729 has 5 MA's), (17, 40843), (18, 40870),

Gene: Petra_86 Start: 50857, Stop: 51018, Start Num: 16

Candidate Starts for Petra_86:

(3, 50395), (5, 50437), (10, 50605), (12, 50791), (14, 50824), (Start: 16 @50857 has 5 MA's), (17, 50968), (18, 50995), (19, 51010),