Pham 90475

1: FlagStaff_58

2: Pace1224_59

3: Pinnie_60

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 90475 Report

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

Pham number 90475 has 3 members, 1 are drafts.

Phages represented in each track:
• Track 1 : FlagStaff_58
• Track 2 : Pace1224_59
• Track 3 : Pinnie_60

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

The start number called the most often in the published annotations is 3, it was called in 1 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Pace1224_59, Pinnie_60,

Genes that have the "Most Annotated" start but do not call it:
• FlagStaff_58,

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

Summary by start number:

Start 2:
• Found in 3 of 3 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 2
• Called 33.3% of time when present
• Phage (with cluster) where this start called: FlagStaff_58 (G2),

Start 3:
• Found in 3 of 3 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 2
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Pace1224_59 (G2), Pinnie_60 (G3),

Summary by clusters:

There are 2 clusters represented in this pham: G3, G2,

Info for manual annotations of cluster G2:
•Start number 2 was manually annotated 1 time for cluster G2.

Info for manual annotations of cluster G3:
•Start number 3 was manually annotated 1 time for cluster G3.

Gene Information:

Gene: FlagStaff_58 Start: 40765, Stop: 40902, Start Num: 2
Candidate Starts for FlagStaff_58:
(Start: 2 @40765 has 1 MA's), (Start: 3 @40768 has 1 MA's), (4, 40804),

Gene: Pace1224_59 Start: 40797, Stop: 40931, Start Num: 3
Candidate Starts for Pace1224_59:
(Start: 2 @40794 has 1 MA's), (Start: 3 @40797 has 1 MA's), (4, 40833),

Gene: Pinnie_60 Start: 41768, Stop: 41911, Start Num: 3
Candidate Starts for Pinnie_60:
(1, 41654), (Start: 2 @41765 has 1 MA's), (Start: 3 @41768 has 1 MA's), (4, 41804),