

Pham 197070



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 197070 Report

This analysis was run 12/09/24 on database version 580.

Pham number 197070 has 9 members, 0 are drafts.

Phages represented in each track:

- Track 1 : MelBins_75
- Track 2 : Phinally_73, Inspectinfecti_74, Hans_74, Leonard_73
- Track 3 : EMOore_71
- Track 4 : Ali17_70
- Track 5 : Phauci_65
- Track 6 : Tardus_74

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

The start number called the most often in the published annotations is 8, it was called in 8 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ali17_70, EMOore_71, Hans_74, Inspectinfecti_74, Leonard_73, MelBins_75, Phauci_65, Phinally_73,

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

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

- Tardus_74,

Summary by start number:

Start 8:

- Found in 8 of 9 (88.9%) of genes in pham
- Manual Annotations of this start: 8 of 9
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Ali17_70 (DE2), EMOore_71 (DE2), Hans_74 (DE2), Inspectinfecti_74 (DE2), Leonard_73 (DE2), MelBins_75 (DE2), Phauci_65 (DE2), Phinally_73 (DE2),

Start 9:

- Found in 1 of 9 (11.1%) of genes in pham

- Manual Annotations of this start: 1 of 9
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Tardus_74 (DE4),

Summary by clusters:

There are 2 clusters represented in this pham: DE2, DE4,

Info for manual annotations of cluster DE2:

- Start number 8 was manually annotated 8 times for cluster DE2.

Info for manual annotations of cluster DE4:

- Start number 9 was manually annotated 1 time for cluster DE4.

Gene Information:

Gene: Ali17_70 Start: 52881, Stop: 53075, Start Num: 8

Candidate Starts for Ali17_70:

(4, 52686), (6, 52752), (Start: 8 @52881 has 8 MA's), (11, 52905), (12, 52938),

Gene: EMoore_71 Start: 54322, Stop: 54513, Start Num: 8

Candidate Starts for EMoore_71:

(Start: 8 @54322 has 8 MA's), (10, 54340),

Gene: Hans_74 Start: 53754, Stop: 53948, Start Num: 8

Candidate Starts for Hans_74:

(6, 53625), (Start: 8 @53754 has 8 MA's), (11, 53778),

Gene: Inspectinfecti_74 Start: 53728, Stop: 53922, Start Num: 8

Candidate Starts for Inspectinfecti_74:

(6, 53599), (Start: 8 @53728 has 8 MA's), (11, 53752),

Gene: Leonard_73 Start: 53791, Stop: 53985, Start Num: 8

Candidate Starts for Leonard_73:

(6, 53662), (Start: 8 @53791 has 8 MA's), (11, 53815),

Gene: MelBins_75 Start: 53996, Stop: 54190, Start Num: 8

Candidate Starts for MelBins_75:

(Start: 8 @53996 has 8 MA's), (11, 54020),

Gene: Phauci_65 Start: 50831, Stop: 51025, Start Num: 8

Candidate Starts for Phauci_65:

(6, 50702), (Start: 8 @50831 has 8 MA's), (11, 50855), (12, 50888),

Gene: Phinally_73 Start: 53788, Stop: 53982, Start Num: 8

Candidate Starts for Phinally_73:

(6, 53659), (Start: 8 @53788 has 8 MA's), (11, 53812),

Gene: Tardus_74 Start: 54330, Stop: 54548, Start Num: 9

Candidate Starts for Tardus_74:

(1, 54027), (2, 54036), (3, 54042), (5, 54171), (7, 54207), (Start: 9 @54330 has 1 MA's), (13, 54438),
(14, 54498),