



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 106798 Report

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

Pham number 106798 has 12 members, 2 are drafts.

Phages represented in each track:

- Track 1 : TinyTimmy_85, Orange_87, MaCh_87, Aneem_88, Lucivia_88, Gilberta_85, Petersenfast_81, Snape_87, Mabel_87, Flaverint_88, Timothy_87
- Track 2 : Bachome_85

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

The start number called the most often in the published annotations is 1, it was called in 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Aneem_88, Bachome_85, Flaverint_88, Gilberta_85, Lucivia_88, MaCh_87, Mabel_87, Orange_87, Petersenfast_81, Snape_87, Timothy_87, TinyTimmy_85,

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 1:

- Found in 12 of 12 (100.0%) of genes in pham
- Manual Annotations of this start: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aneem_88 (A11), Bachome_85 (A11), Flaverint_88 (A11), Gilberta_85 (A11), Lucivia_88 (A11), MaCh_87 (A11), Mabel_87 (A11), Orange_87 (A11), Petersenfast_81 (A11), Snape_87 (A11), Timothy_87 (A11), TinyTimmy_85 (A11),

Summary by clusters:

There is one cluster represented in this pham: A11

Info for manual annotations of cluster A11:

- Start number 1 was manually annotated 10 times for cluster A11.

Gene Information:

Gene: Aneem_88 Start: 47968, Stop: 47870, Start Num: 1

Candidate Starts for Aneem_88:

(Start: 1 @47968 has 10 MA's), (2, 47884),

Gene: Bachome_85 Start: 46851, Stop: 46753, Start Num: 1

Candidate Starts for Bachome_85:

(Start: 1 @46851 has 10 MA's),

Gene: Flaverint_88 Start: 47966, Stop: 47868, Start Num: 1

Candidate Starts for Flaverint_88:

(Start: 1 @47966 has 10 MA's), (2, 47882),

Gene: Gilberta_85 Start: 46842, Stop: 46744, Start Num: 1

Candidate Starts for Gilberta_85:

(Start: 1 @46842 has 10 MA's), (2, 46758),

Gene: Lucivia_88 Start: 47999, Stop: 47901, Start Num: 1

Candidate Starts for Lucivia_88:

(Start: 1 @47999 has 10 MA's), (2, 47915),

Gene: MaCh_87 Start: 47963, Stop: 47865, Start Num: 1

Candidate Starts for MaCh_87:

(Start: 1 @47963 has 10 MA's), (2, 47879),

Gene: Mabel_87 Start: 47964, Stop: 47866, Start Num: 1

Candidate Starts for Mabel_87:

(Start: 1 @47964 has 10 MA's), (2, 47880),

Gene: Orange_87 Start: 47518, Stop: 47420, Start Num: 1

Candidate Starts for Orange_87:

(Start: 1 @47518 has 10 MA's), (2, 47434),

Gene: Petersenfast_81 Start: 46399, Stop: 46301, Start Num: 1

Candidate Starts for Petersenfast_81:

(Start: 1 @46399 has 10 MA's), (2, 46315),

Gene: Snape_87 Start: 47507, Stop: 47409, Start Num: 1

Candidate Starts for Snape_87:

(Start: 1 @47507 has 10 MA's), (2, 47423),

Gene: Timothy_87 Start: 47484, Stop: 47386, Start Num: 1

Candidate Starts for Timothy_87:

(Start: 1 @47484 has 10 MA's), (2, 47400),

Gene: TinyTimmy_85 Start: 47213, Stop: 47115, Start Num: 1

Candidate Starts for TinyTimmy_85:

(Start: 1 @47213 has 10 MA's), (2, 47129),