



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 106887 Report

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

Pham number 106887 has 8 members, 0 are drafts.

Phages represented in each track:

- Track 1 : ScienceWizSam_92, Gordon_85, Darby_85
- Track 2 : Tenno_88, ElephantMan_89, CapnMurica_84, Niktson_89
- Track 3 : Tokki_94

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

The start number called the most often in the published annotations is 6, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- CapnMurica_84, Darby_85, ElephantMan_89, Gordon_85, Niktson_89, ScienceWizSam_92, Tenno_88, Tokki_94,

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 6:

- Found in 8 of 8 (100.0%) of genes in pham
- Manual Annotations of this start: 8 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: CapnMurica_84 (AU1), Darby_85 (AU1), ElephantMan_89 (AU1), Gordon_85 (AU1), Niktson_89 (AU1), ScienceWizSam_92 (AU1), Tenno_88 (AU1), Tokki_94 (AU2),

Summary by clusters:

There are 2 clusters represented in this pham: AU1, AU2,

Info for manual annotations of cluster AU1:

- Start number 6 was manually annotated 7 times for cluster AU1.

Info for manual annotations of cluster AU2:

- Start number 6 was manually annotated 1 time for cluster AU2.

Gene Information:

Gene: CapnMurica_84 Start: 53973, Stop: 54143, Start Num: 6

Candidate Starts for CapnMurica_84:

(Start: 6 @53973 has 8 MA's), (7, 54000), (8, 54078), (9, 54096), (10, 54129),

Gene: Darby_85 Start: 53570, Stop: 53740, Start Num: 6

Candidate Starts for Darby_85:

(Start: 6 @53570 has 8 MA's), (7, 53597), (9, 53693), (10, 53726),

Gene: ElephantMan_89 Start: 54220, Stop: 54390, Start Num: 6

Candidate Starts for ElephantMan_89:

(Start: 6 @54220 has 8 MA's), (7, 54247), (8, 54325), (9, 54343), (10, 54376),

Gene: Gordon_85 Start: 54090, Stop: 54260, Start Num: 6

Candidate Starts for Gordon_85:

(Start: 6 @54090 has 8 MA's), (7, 54117), (9, 54213), (10, 54246),

Gene: Niktson_89 Start: 54220, Stop: 54390, Start Num: 6

Candidate Starts for Niktson_89:

(Start: 6 @54220 has 8 MA's), (7, 54247), (8, 54325), (9, 54343), (10, 54376),

Gene: ScienceWizSam_92 Start: 54032, Stop: 54202, Start Num: 6

Candidate Starts for ScienceWizSam_92:

(Start: 6 @54032 has 8 MA's), (7, 54059), (9, 54155), (10, 54188),

Gene: Tenno_88 Start: 54007, Stop: 54177, Start Num: 6

Candidate Starts for Tenno_88:

(Start: 6 @54007 has 8 MA's), (7, 54034), (8, 54112), (9, 54130), (10, 54163),

Gene: Tokki_94 Start: 53480, Stop: 53650, Start Num: 6

Candidate Starts for Tokki_94:

(1, 53336), (2, 53348), (3, 53366), (4, 53381), (5, 53411), (Start: 6 @53480 has 8 MA's), (9, 53603), (10, 53636),