



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 106823 Report

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

Pham number 106823 has 10 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Fitzgerald_65, Sanjuju_66, Sitar_67, Keitabear_66, Bibwit_66, Sedona_66, Lennon_67, Ailee_64, Stultus_63
- Track 2 : Kewpiedoll_66

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

The start number called the most often in the published annotations is 5, it was called in 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ailee_64, Bibwit_66, Fitzgerald_65, Keitabear_66, Kewpiedoll_66, Lennon_67, Sanjuju_66, Sedona_66, Sitar_67, Stultus_63,

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 5:

- Found in 10 of 10 (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: Ailee_64 (DE1), Bibwit_66 (DE1), Fitzgerald_65 (DE1), Keitabear_66 (DE1), Kewpiedoll_66 (DE1), Lennon_67 (DE1), Sanjuju_66 (DE1), Sedona_66 (DE1), Sitar_67 (DE1), Stultus_63 (DE1),

Summary by clusters:

There is one cluster represented in this pham: DE1

Info for manual annotations of cluster DE1:

- Start number 5 was manually annotated 10 times for cluster DE1.

Gene Information:

Gene: Ailee_64 Start: 50711, Stop: 50920, Start Num: 5

Candidate Starts for Ailee_64:

(3, 50438), (4, 50633), (Start: 5 @50711 has 10 MA's), (6, 50897),

Gene: Bibwit_66 Start: 50305, Stop: 50514, Start Num: 5

Candidate Starts for Bibwit_66:

(3, 50032), (4, 50227), (Start: 5 @50305 has 10 MA's), (6, 50491),

Gene: Fitzgerald_65 Start: 51453, Stop: 51662, Start Num: 5

Candidate Starts for Fitzgerald_65:

(3, 51180), (4, 51375), (Start: 5 @51453 has 10 MA's), (6, 51639),

Gene: Keitabear_66 Start: 52225, Stop: 52434, Start Num: 5

Candidate Starts for Keitabear_66:

(3, 51952), (4, 52147), (Start: 5 @52225 has 10 MA's), (6, 52411),

Gene: Kewpiedoll_66 Start: 51587, Stop: 51796, Start Num: 5

Candidate Starts for Kewpiedoll_66:

(1, 51161), (2, 51308), (3, 51314), (4, 51509), (Start: 5 @51587 has 10 MA's), (6, 51773),

Gene: Lennon_67 Start: 52374, Stop: 52583, Start Num: 5

Candidate Starts for Lennon_67:

(3, 52101), (4, 52296), (Start: 5 @52374 has 10 MA's), (6, 52560),

Gene: Sanjuju_66 Start: 51585, Stop: 51794, Start Num: 5

Candidate Starts for Sanjuju_66:

(3, 51312), (4, 51507), (Start: 5 @51585 has 10 MA's), (6, 51771),

Gene: Sedona_66 Start: 52158, Stop: 52367, Start Num: 5

Candidate Starts for Sedona_66:

(3, 51885), (4, 52080), (Start: 5 @52158 has 10 MA's), (6, 52344),

Gene: Sitar_67 Start: 52083, Stop: 52292, Start Num: 5

Candidate Starts for Sitar_67:

(3, 51810), (4, 52005), (Start: 5 @52083 has 10 MA's), (6, 52269),

Gene: Stultus_63 Start: 50330, Stop: 50539, Start Num: 5

Candidate Starts for Stultus_63:

(3, 50057), (4, 50252), (Start: 5 @50330 has 10 MA's), (6, 50516),