



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 197044 Report

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

Pham number 197044 has 10 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Wheelbite_74, Laroye_78, Salgado_78, LiSara_75
- Track 2 : Edmundo_78, Shrooms_76
- Track 3 : Kovu_76
- Track 4 : Waltz_75
- Track 5 : Sonali_32
- Track 6 : Mufasa8_29

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 7 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Edmundo_78, Laroye_78, LiSara_75, Salgado_78, Shrooms_76, Waltz_75, Wheelbite_74,

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

- Kovu_76,

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

- Mufasa8_29, Sonali_32,

Summary by start number:

Start 3:

- Found in 2 of 10 (20.0%) of genes in pham
- Manual Annotations of this start: 2 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Mufasa8_29 (FG), Sonali_32 (FG),

Start 4:

- Found in 1 of 10 (10.0%) of genes in pham
- Manual Annotations of this start: 1 of 10
- Called 100.0% of time when present

- Phage (with cluster) where this start called: Kovu_76 (AL),

Start 5:

- Found in 8 of 10 (80.0%) of genes in pham
- Manual Annotations of this start: 7 of 10
- Called 87.5% of time when present
- Phage (with cluster) where this start called: Edmundo_78 (AL), Laroye_78 (AL), LiSara_75 (AL), Salgado_78 (AL), Shrooms_76 (AL), Waltz_75 (AL), Wheelbite_74 (AL),

Summary by clusters:

There are 2 clusters represented in this pham: AL, FG,

Info for manual annotations of cluster AL:

- Start number 4 was manually annotated 1 time for cluster AL.
- Start number 5 was manually annotated 7 times for cluster AL.

Info for manual annotations of cluster FG:

- Start number 3 was manually annotated 2 times for cluster FG.

Gene Information:

Gene: Edmundo_78 Start: 47501, Stop: 47316, Start Num: 5

Candidate Starts for Edmundo_78:

(Start: 5 @47501 has 7 MA's),

Gene: Kovu_76 Start: 47520, Stop: 47323, Start Num: 4

Candidate Starts for Kovu_76:

(Start: 4 @47520 has 1 MA's), (Start: 5 @47508 has 7 MA's),

Gene: Laroye_78 Start: 46919, Stop: 46734, Start Num: 5

Candidate Starts for Laroye_78:

(Start: 5 @46919 has 7 MA's),

Gene: LiSara_75 Start: 47053, Stop: 46868, Start Num: 5

Candidate Starts for LiSara_75:

(Start: 5 @47053 has 7 MA's),

Gene: Mufasa8_29 Start: 27032, Stop: 26823, Start Num: 3

Candidate Starts for Mufasa8_29:

(Start: 3 @27032 has 2 MA's),

Gene: Salgado_78 Start: 46723, Stop: 46538, Start Num: 5

Candidate Starts for Salgado_78:

(Start: 5 @46723 has 7 MA's),

Gene: Shrooms_76 Start: 45176, Stop: 44991, Start Num: 5

Candidate Starts for Shrooms_76:

(Start: 5 @45176 has 7 MA's),

Gene: Sonali_32 Start: 30335, Stop: 30120, Start Num: 3
Candidate Starts for Sonali_32:
(Start: 3 @30335 has 2 MA's),

Gene: Waltz_75 Start: 45186, Stop: 45001, Start Num: 5
Candidate Starts for Waltz_75:
(1, 45570), (2, 45288), (Start: 5 @45186 has 7 MA's),

Gene: Wheelbite_74 Start: 46857, Stop: 46672, Start Num: 5
Candidate Starts for Wheelbite_74:
(Start: 5 @46857 has 7 MA's),