



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 87559 Report

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

Pham number 87559 has 10 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Emma_28
- Track 2 : Starcevich_30
- Track 3 : Frankie_30
- Track 4 : Jabbawokkie_34, Che9d_31, Demsculpinboyz_31, Avani_31, Yoshi_31, Zapner_33
- Track 5 : MooMoo_25

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:

- Avani_31, Che9d_31, Demsculpinboyz_31, Emma_28, Frankie_30, Jabbawokkie_34, MooMoo_25, Starcevich_30, Yoshi_31, Zapner_33,

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 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: Avani_31 (F2), Che9d_31 (F2), Demsculpinboyz_31 (F2), Emma_28 (F1), Frankie_30 (F1), Jabbawokkie_34 (F2), MooMoo_25 (singleton), Starcevich_30 (F1), Yoshi_31 (F2), Zapner_33 (F2),

Summary by clusters:

There are 3 clusters represented in this pham: F1, F2, singleton,

Info for manual annotations of cluster F1:

- Start number 1 was manually annotated 3 times for cluster F1.

Info for manual annotations of cluster F2:

- Start number 1 was manually annotated 6 times for cluster F2.

Gene Information:

Gene: Avani_31 Start: 24664, Stop: 24804, Start Num: 1

Candidate Starts for Avani_31:

(Start: 1 @24664 has 10 MA's),

Gene: Che9d_31 Start: 24672, Stop: 24812, Start Num: 1

Candidate Starts for Che9d_31:

(Start: 1 @24672 has 10 MA's),

Gene: Demsculpinboyz_31 Start: 24658, Stop: 24798, Start Num: 1

Candidate Starts for Demsculpinboyz_31:

(Start: 1 @24658 has 10 MA's),

Gene: Emma_28 Start: 26088, Stop: 26228, Start Num: 1

Candidate Starts for Emma_28:

(Start: 1 @26088 has 10 MA's), (5, 26220),

Gene: Frankie_30 Start: 26283, Stop: 26423, Start Num: 1

Candidate Starts for Frankie_30:

(Start: 1 @26283 has 10 MA's), (3, 26313),

Gene: Jabbawokkie_34 Start: 26105, Stop: 26245, Start Num: 1

Candidate Starts for Jabbawokkie_34:

(Start: 1 @26105 has 10 MA's),

Gene: MooMoo_25 Start: 24666, Stop: 24806, Start Num: 1

Candidate Starts for MooMoo_25:

(Start: 1 @24666 has 10 MA's), (4, 24741),

Gene: Starcevich_30 Start: 26056, Stop: 26196, Start Num: 1

Candidate Starts for Starcevich_30:

(Start: 1 @26056 has 10 MA's), (2, 26077), (3, 26086),

Gene: Yoshi_31 Start: 24666, Stop: 24806, Start Num: 1

Candidate Starts for Yoshi_31:

(Start: 1 @24666 has 10 MA's),

Gene: Zapner_33 Start: 26106, Stop: 26246, Start Num: 1

Candidate Starts for Zapner_33:

(Start: 1 @26106 has 10 MA's),