



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 69306 Report

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

Pham number 69306 has 12 members, 2 are drafts.

Phages represented in each track:

- Track 1 : SorJuana_84, Gorgeous_84, Anansi_84
- Track 2 : Thunderclap_83, Jaek_84, Yeezus_84, Amigo_84, Ichor_84, Rings_84, Boersma_86
- Track 3 : Heylee_82, Amavida_82

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

The start number called the most often in the published annotations is 3, it was called in 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Amavida_82, Amigo_84, Anansi_84, Boersma_86, Gorgeous_84, Heylee_82, Ichor_84, Jaek_84, Rings_84, SorJuana_84, Thunderclap_83, Yeezus_84,

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 3:

- 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: Amavida_82 (AQ), Amigo_84 (AQ), Anansi_84 (AQ), Boersma_86 (AQ), Gorgeous_84 (AQ), Heylee_82 (AQ), Ichor_84 (AQ), Jaek_84 (AQ), Rings_84 (AQ), SorJuana_84 (AQ), Thunderclap_83 (AQ), Yeezus_84 (AQ),

Summary by clusters:

There is one cluster represented in this pham: AQ

Info for manual annotations of cluster AQ:

•Start number 3 was manually annotated 10 times for cluster AQ.

Gene Information:

Gene: Amavida_82 Start: 53366, Stop: 53557, Start Num: 3

Candidate Starts for Amavida_82:

(1, 53300), (2, 53330), (Start: 3 @53366 has 10 MA's),

Gene: Amigo_84 Start: 53606, Stop: 53812, Start Num: 3

Candidate Starts for Amigo_84:

(Start: 3 @53606 has 10 MA's), (4, 53672),

Gene: Anansi_84 Start: 53412, Stop: 53612, Start Num: 3

Candidate Starts for Anansi_84:

(2, 53379), (Start: 3 @53412 has 10 MA's), (5, 53565), (6, 53595), (7, 53601),

Gene: Boersma_86 Start: 53606, Stop: 53812, Start Num: 3

Candidate Starts for Boersma_86:

(Start: 3 @53606 has 10 MA's), (4, 53672),

Gene: Gorgeous_84 Start: 53412, Stop: 53612, Start Num: 3

Candidate Starts for Gorgeous_84:

(2, 53379), (Start: 3 @53412 has 10 MA's), (5, 53565), (6, 53595), (7, 53601),

Gene: Heylee_82 Start: 53366, Stop: 53557, Start Num: 3

Candidate Starts for Heylee_82:

(1, 53300), (2, 53330), (Start: 3 @53366 has 10 MA's),

Gene: Ichor_84 Start: 53606, Stop: 53812, Start Num: 3

Candidate Starts for Ichor_84:

(Start: 3 @53606 has 10 MA's), (4, 53672),

Gene: Jaek_84 Start: 53606, Stop: 53812, Start Num: 3

Candidate Starts for Jaek_84:

(Start: 3 @53606 has 10 MA's), (4, 53672),

Gene: Rings_84 Start: 53598, Stop: 53804, Start Num: 3

Candidate Starts for Rings_84:

(Start: 3 @53598 has 10 MA's), (4, 53664),

Gene: SorJuana_84 Start: 53412, Stop: 53612, Start Num: 3

Candidate Starts for SorJuana_84:

(2, 53379), (Start: 3 @53412 has 10 MA's), (5, 53565), (6, 53595), (7, 53601),

Gene: Thunderclap_83 Start: 53593, Stop: 53799, Start Num: 3

Candidate Starts for Thunderclap_83:

(Start: 3 @53593 has 10 MA's), (4, 53659),

Gene: Yeezus_84 Start: 53605, Stop: 53811, Start Num: 3

Candidate Starts for Yeezus_84:
(Start: 3 @53605 has 10 MA's), (4, 53671),