



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 225125 Report

This analysis was run 03/28/25 on database version 593.

Pham number 225125 has 9 members, 9 are drafts.

Phages represented in each track:

- Track 1 : Toneprano_18, Twin_18, Pakusa_18, Beted_18, Lenoshki_18, Aloki_18, EmoNemo_18, MintFritos_18
- Track 2 : Oogie_18

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

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 5:

- Found in 9 of 9 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aloki_18 (DQ), Beted_18 (DQ), EmoNemo_18 (DQ), Lenoshki_18 (DQ), MintFritos_18 (DQ), Oogie_18 (DQ), Pakusa_18 (DQ), Toneprano_18 (DQ), Twin_18 (DQ),

Summary by clusters:

There is one cluster represented in this pham: DQ

Gene Information:

Gene: Aloki_18 Start: 7885, Stop: 8082, Start Num: 5

Candidate Starts for Aloki_18:

(1, 7723), (3, 7813), (4, 7837), (5, 7885), (6, 7936), (7, 7948), (8, 7957), (9, 7990), (10, 8050), (11, 8068),

Gene: Beted_18 Start: 7511, Stop: 7708, Start Num: 5

Candidate Starts for Beted_18:

(1, 7349), (3, 7439), (4, 7463), (5, 7511), (6, 7562), (7, 7574), (8, 7583), (9, 7616), (10, 7676), (11, 7694),

Gene: EmoNemo_18 Start: 7885, Stop: 8082, Start Num: 5

Candidate Starts for EmoNemo_18:

(1, 7723), (3, 7813), (4, 7837), (5, 7885), (6, 7936), (7, 7948), (8, 7957), (9, 7990), (10, 8050), (11, 8068),

Gene: Lenoshki_18 Start: 7511, Stop: 7708, Start Num: 5

Candidate Starts for Lenoshki_18:

(1, 7349), (3, 7439), (4, 7463), (5, 7511), (6, 7562), (7, 7574), (8, 7583), (9, 7616), (10, 7676), (11, 7694),

Gene: MintFritos_18 Start: 7885, Stop: 8082, Start Num: 5

Candidate Starts for MintFritos_18:

(1, 7723), (3, 7813), (4, 7837), (5, 7885), (6, 7936), (7, 7948), (8, 7957), (9, 7990), (10, 8050), (11, 8068),

Gene: Oogie_18 Start: 7537, Stop: 7734, Start Num: 5

Candidate Starts for Oogie_18:

(1, 7366), (2, 7456), (3, 7465), (4, 7489), (5, 7537), (6, 7588), (7, 7600), (8, 7609), (9, 7642), (10, 7702), (11, 7720),

Gene: Pakusa_18 Start: 7627, Stop: 7824, Start Num: 5

Candidate Starts for Pakusa_18:

(1, 7465), (3, 7555), (4, 7579), (5, 7627), (6, 7678), (7, 7690), (8, 7699), (9, 7732), (10, 7792), (11, 7810),

Gene: Toneprano_18 Start: 7885, Stop: 8082, Start Num: 5

Candidate Starts for Toneprano_18:

(1, 7723), (3, 7813), (4, 7837), (5, 7885), (6, 7936), (7, 7948), (8, 7957), (9, 7990), (10, 8050), (11, 8068),

Gene: Twin_18 Start: 7885, Stop: 8082, Start Num: 5

Candidate Starts for Twin_18:

(1, 7723), (3, 7813), (4, 7837), (5, 7885), (6, 7936), (7, 7948), (8, 7957), (9, 7990), (10, 8050), (11, 8068),