



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 184467 Report

This analysis was run 11/02/24 on database version 579.

Pham number 184467 has 8 members, 8 are drafts.

Phages represented in each track:

- Track 1 : Trapezoid_5
- Track 2 : Brave_6, Penne_6, Squall_5, Fairywren_7
- Track 3 : Thatch_5, Mantle_5
- Track 4 : Transit_5

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 3:

- Found in 8 of 8 (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: Brave_6 (JB), Fairywren_7 (JB), Mantle_5 (JC), Penne_6 (JB), Squall_5 (JB), Thatch_5 (JC), Transit_5 (JC), Trapezoid_5 (JB),

Summary by clusters:

There are 2 clusters represented in this pham: JB, JC,

Gene Information:

Gene: Brave_6 Start: 3867, Stop: 4109, Start Num: 3

Candidate Starts for Brave_6:

(3, 3867), (5, 4050),

Gene: Fairywren_7 Start: 3836, Stop: 4078, Start Num: 3

Candidate Starts for Fairywren_7:

(3, 3836), (5, 4019),

Gene: Mantle_5 Start: 4363, Stop: 4614, Start Num: 3

Candidate Starts for Mantle_5:

(2, 4339), (3, 4363),

Gene: Penne_6 Start: 3870, Stop: 4112, Start Num: 3

Candidate Starts for Penne_6:

(3, 3870), (5, 4053),

Gene: Squall_5 Start: 3837, Stop: 4079, Start Num: 3

Candidate Starts for Squall_5:

(3, 3837), (5, 4020),

Gene: Thatch_5 Start: 4160, Stop: 4396, Start Num: 3

Candidate Starts for Thatch_5:

(2, 4136), (3, 4160),

Gene: Transit_5 Start: 4101, Stop: 4337, Start Num: 3

Candidate Starts for Transit_5:

(1, 3996), (2, 4077), (3, 4101),

Gene: Trapezoid_5 Start: 3762, Stop: 3992, Start Num: 3

Candidate Starts for Trapezoid_5:

(3, 3762), (4, 3906), (6, 3948),