



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 28154 Report

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

Pham number 28154 has 7 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Gill_88, Kerry_87, Magel_89, Gravy_87, Roney_86, Capybara_88, Tanis_88

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Capybara_88, Gill_88, Gravy_87, Kerry_87, Magel_89, Roney_86, Tanis_88,

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 7 of 7 (100.0%) of genes in pham
- Manual Annotations of this start: 6 of 6
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Capybara_88 (DJ), Gill_88 (DJ), Gravy_87 (DJ), Kerry_87 (DJ), Magel_89 (DJ), Roney_86 (DJ), Tanis_88 (DJ),

Summary by clusters:

There is one cluster represented in this pham: DJ

Info for manual annotations of cluster DJ:

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

Gene Information:

Gene: Capybara_88 Start: 54848, Stop: 54958, Start Num: 1

Candidate Starts for Capybara_88:

(Start: 1 @54848 has 6 MA's), (2, 54863), (3, 54911), (4, 54914),

Gene: Gill_88 Start: 54875, Stop: 54985, Start Num: 1

Candidate Starts for Gill_88:

(Start: 1 @54875 has 6 MA's), (2, 54890), (3, 54938), (4, 54941),

Gene: Gravy_87 Start: 54538, Stop: 54648, Start Num: 1

Candidate Starts for Gravy_87:

(Start: 1 @54538 has 6 MA's), (2, 54553), (3, 54601), (4, 54604),

Gene: Kerry_87 Start: 54601, Stop: 54711, Start Num: 1

Candidate Starts for Kerry_87:

(Start: 1 @54601 has 6 MA's), (2, 54616), (3, 54664), (4, 54667),

Gene: Magel_89 Start: 54790, Stop: 54900, Start Num: 1

Candidate Starts for Magel_89:

(Start: 1 @54790 has 6 MA's), (2, 54805), (3, 54853), (4, 54856),

Gene: Roney_86 Start: 54900, Stop: 55010, Start Num: 1

Candidate Starts for Roney_86:

(Start: 1 @54900 has 6 MA's), (2, 54915), (3, 54963), (4, 54966),

Gene: Tanis_88 Start: 54720, Stop: 54830, Start Num: 1

Candidate Starts for Tanis_88:

(Start: 1 @54720 has 6 MA's), (2, 54735), (3, 54783), (4, 54786),