



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 87748 Report

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

Pham number 87748 has 10 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Phredrick_207, Kenrey_208, Jada_205, MeganTheeKilla_206
- Track 2 : Patelgo_206
- Track 3 : Moab_204
- Track 4 : Francob_206
- Track 5 : Faust_198, SeresaTree_202
- Track 6 : Stigma_202

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 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Faust_198, Francob_206, Jada_205, Kenrey_208, MeganTheeKilla_206, Moab_204, Patelgo_206, Phredrick_207, SeresaTree_202, Stigma_202,

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: 9 of 9
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Faust_198 (BK1), Francob_206 (BK1), Jada_205 (BK1), Kenrey_208 (BK1), MeganTheeKilla_206 (BK1), Moab_204 (BK1), Patelgo_206 (BK1), Phredrick_207 (BK1), SeresaTree_202 (BK1), Stigma_202 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:

- Start number 1 was manually annotated 9 times for cluster BK1.

Gene Information:

Gene: Faust_198 Start: 102477, Stop: 102599, Start Num: 1

Candidate Starts for Faust_198:

(Start: 1 @102477 has 9 MA's), (4, 102582),

Gene: Francob_206 Start: 102278, Stop: 102400, Start Num: 1

Candidate Starts for Francob_206:

(Start: 1 @102278 has 9 MA's), (4, 102386),

Gene: Jada_205 Start: 102195, Stop: 102320, Start Num: 1

Candidate Starts for Jada_205:

(Start: 1 @102195 has 9 MA's), (4, 102303),

Gene: Kenrey_208 Start: 102567, Stop: 102689, Start Num: 1

Candidate Starts for Kenrey_208:

(Start: 1 @102567 has 9 MA's), (4, 102672),

Gene: MeganTheeKilla_206 Start: 101780, Stop: 101902, Start Num: 1

Candidate Starts for MeganTheeKilla_206:

(Start: 1 @101780 has 9 MA's), (4, 101885),

Gene: Moab_204 Start: 104335, Stop: 104460, Start Num: 1

Candidate Starts for Moab_204:

(Start: 1 @104335 has 9 MA's), (2, 104368), (3, 104386), (4, 104443),

Gene: Patelgo_206 Start: 104976, Stop: 105101, Start Num: 1

Candidate Starts for Patelgo_206:

(Start: 1 @104976 has 9 MA's), (2, 105009), (4, 105084),

Gene: Phredrick_207 Start: 101349, Stop: 101471, Start Num: 1

Candidate Starts for Phredrick_207:

(Start: 1 @101349 has 9 MA's), (4, 101454),

Gene: SeresaTree_202 Start: 102462, Stop: 102584, Start Num: 1

Candidate Starts for SeresaTree_202:

(Start: 1 @102462 has 9 MA's), (4, 102567),

Gene: Stigma_202 Start: 103727, Stop: 103852, Start Num: 1

Candidate Starts for Stigma_202:

(Start: 1 @103727 has 9 MA's), (4, 103835),