



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 87776 Report

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

Pham number 87776 has 8 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Smarties_14, Ariadne_14
- Track 2 : PhillyPhilly_1, Roman_1
- Track 3 : Alleb_1
- Track 4 : PhillyPhilly_111, Roman_117
- Track 5 : Alleb_109

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Alleb_1, Alleb_109, Ariadne_14, PhillyPhilly_1, PhillyPhilly_111, Roman_1, Roman_117, Smarties_14,

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 8 of 8 (100.0%) of genes in pham
- Manual Annotations of this start: 8 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Alleb_1 (ED1), Alleb_109 (ED1), Ariadne_14 (EC), PhillyPhilly_1 (ED1), PhillyPhilly_111 (ED1), Roman_1 (ED1), Roman_117 (ED1), Smarties_14 (EC),

Summary by clusters:

There are 2 clusters represented in this pham: ED1, EC,

Info for manual annotations of cluster EC:

- Start number 1 was manually annotated 2 times for cluster EC.

Info for manual annotations of cluster ED1:

- Start number 1 was manually annotated 6 times for cluster ED1.

Gene Information:

Gene: Alleb_1 Start: 415, Stop: 275, Start Num: 1

Candidate Starts for Alleb_1:

(Start: 1 @415 has 8 MA's), (3, 370),

Gene: Alleb_109 Start: 59894, Stop: 59754, Start Num: 1

Candidate Starts for Alleb_109:

(Start: 1 @59894 has 8 MA's), (3, 59849),

Gene: Ariadne_14 Start: 5797, Stop: 5943, Start Num: 1

Candidate Starts for Ariadne_14:

(Start: 1 @5797 has 8 MA's), (2, 5824), (5, 5896), (7, 5929),

Gene: PhillyPhilly_1 Start: 419, Stop: 273, Start Num: 1

Candidate Starts for PhillyPhilly_1:

(Start: 1 @419 has 8 MA's), (2, 392), (3, 368), (4, 326), (6, 296),

Gene: PhillyPhilly_111 Start: 59908, Stop: 59762, Start Num: 1

Candidate Starts for PhillyPhilly_111:

(Start: 1 @59908 has 8 MA's), (2, 59881), (3, 59857), (4, 59815), (6, 59785),

Gene: Roman_1 Start: 409, Stop: 263, Start Num: 1

Candidate Starts for Roman_1:

(Start: 1 @409 has 8 MA's), (2, 382), (3, 358), (4, 316), (6, 286),

Gene: Roman_117 Start: 61496, Stop: 61350, Start Num: 1

Candidate Starts for Roman_117:

(Start: 1 @61496 has 8 MA's), (2, 61469), (3, 61445), (4, 61403), (6, 61373),

Gene: Smarties_14 Start: 5797, Stop: 5943, Start Num: 1

Candidate Starts for Smarties_14:

(Start: 1 @5797 has 8 MA's), (2, 5824), (5, 5896), (7, 5929),