



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 6822 Report

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

Pham number 6822 has 7 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Cashline_17
- Track 2 : Marteena_17, Confidence_17, EMsquaredA_17, Pollux_17, BritBrat_17, Floral_17

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

The start number called the most often in the published annotations is 3, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BritBrat_17, Cashline_17, Confidence_17, EMsquaredA_17, Floral_17, Marteena_17, Pollux_17,

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 3:

- Found in 7 of 7 (100.0%) of genes in pham
- Manual Annotations of this start: 7 of 7
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BritBrat_17 (CY2), Cashline_17 (CY), Confidence_17 (CY1), EMsquaredA_17 (CY1), Floral_17 (CY1), Marteena_17 (CY1), Pollux_17 (CY1),

Summary by clusters:

There are 3 clusters represented in this pham: CY2, CY1, CY,

Info for manual annotations of cluster CY:

- Start number 3 was manually annotated 1 time for cluster CY.

Info for manual annotations of cluster CY1:

- Start number 3 was manually annotated 5 times for cluster CY1.

Info for manual annotations of cluster CY2:

- Start number 3 was manually annotated 1 time for cluster CY2.

Gene Information:

Gene: BritBrat_17 Start: 10955, Stop: 10500, Start Num: 3

Candidate Starts for BritBrat_17:

(1, 10970), (Start: 3 @10955 has 7 MA's), (4, 10739), (5, 10730), (6, 10664), (7, 10598), (8, 10583), (9, 10571), (10, 10556), (11, 10535), (12, 10514),

Gene: Cashline_17 Start: 10809, Stop: 10354, Start Num: 3

Candidate Starts for Cashline_17:

(1, 10824), (2, 10818), (Start: 3 @10809 has 7 MA's), (4, 10593), (5, 10584), (6, 10518), (7, 10452), (8, 10437), (9, 10425), (10, 10410), (11, 10389), (12, 10368),

Gene: Confidence_17 Start: 10949, Stop: 10494, Start Num: 3

Candidate Starts for Confidence_17:

(1, 10964), (Start: 3 @10949 has 7 MA's), (4, 10733), (5, 10724), (6, 10658), (7, 10592), (8, 10577), (9, 10565), (10, 10550), (11, 10529), (12, 10508),

Gene: EMSquaredA_17 Start: 10955, Stop: 10500, Start Num: 3

Candidate Starts for EMSquaredA_17:

(1, 10970), (Start: 3 @10955 has 7 MA's), (4, 10739), (5, 10730), (6, 10664), (7, 10598), (8, 10583), (9, 10571), (10, 10556), (11, 10535), (12, 10514),

Gene: Floral_17 Start: 10955, Stop: 10500, Start Num: 3

Candidate Starts for Floral_17:

(1, 10970), (Start: 3 @10955 has 7 MA's), (4, 10739), (5, 10730), (6, 10664), (7, 10598), (8, 10583), (9, 10571), (10, 10556), (11, 10535), (12, 10514),

Gene: Marteena_17 Start: 10955, Stop: 10500, Start Num: 3

Candidate Starts for Marteena_17:

(1, 10970), (Start: 3 @10955 has 7 MA's), (4, 10739), (5, 10730), (6, 10664), (7, 10598), (8, 10583), (9, 10571), (10, 10556), (11, 10535), (12, 10514),

Gene: Pollux_17 Start: 10955, Stop: 10500, Start Num: 3

Candidate Starts for Pollux_17:

(1, 10970), (Start: 3 @10955 has 7 MA's), (4, 10739), (5, 10730), (6, 10664), (7, 10598), (8, 10583), (9, 10571), (10, 10556), (11, 10535), (12, 10514),