



1: Et2Brus_63 + 12

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 106791 Report

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

Pham number 106791 has 13 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Et2Brutus_63, Fibonacci_64, Aneem_65, Ebony_64, TinyTimmy_62, Insomnia_63, Jabith_65, Bud_63, Salz_63, Mulciber_63, Munch_64, Joselito_65, Hutc2_63

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Aneem_65, Bud_63, Ebony_64, Et2Brutus_63, Fibonacci_64, Hutc2_63, Insomnia_63, Jabith_65, Joselito_65, Mulciber_63, Munch_64, Salz_63, TinyTimmy_62,

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 13 of 13 (100.0%) of genes in pham
- Manual Annotations of this start: 11 of 11
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aneem_65 (A11), Bud_63 (A11), Ebony_64 (A11), Et2Brutus_63 (A11), Fibonacci_64 (A11), Hutc2_63 (A11), Insomnia_63 (A11), Jabith_65 (A11), Joselito_65 (A11), Mulciber_63 (A11), Munch_64 (A11), Salz_63 (A11), TinyTimmy_62 (A11),

Summary by clusters:

There is one cluster represented in this pham: A11

Info for manual annotations of cluster A11:

- Start number 1 was manually annotated 11 times for cluster A11.

Gene Information:

Gene: Aneem_65 Start: 39928, Stop: 39827, Start Num: 1

Candidate Starts for Aneem_65:

(Start: 1 @39928 has 11 MA's), (2, 39907), (3, 39868),

Gene: Bud_63 Start: 39482, Stop: 39381, Start Num: 1

Candidate Starts for Bud_63:

(Start: 1 @39482 has 11 MA's), (2, 39461), (3, 39422),

Gene: Ebony_64 Start: 39499, Stop: 39398, Start Num: 1

Candidate Starts for Ebony_64:

(Start: 1 @39499 has 11 MA's), (2, 39478), (3, 39439),

Gene: Et2Brutus_63 Start: 39462, Stop: 39361, Start Num: 1

Candidate Starts for Et2Brutus_63:

(Start: 1 @39462 has 11 MA's), (2, 39441), (3, 39402),

Gene: Fibonacci_64 Start: 39468, Stop: 39367, Start Num: 1

Candidate Starts for Fibonacci_64:

(Start: 1 @39468 has 11 MA's), (2, 39447), (3, 39408),

Gene: Hutc2_63 Start: 39468, Stop: 39367, Start Num: 1

Candidate Starts for Hutc2_63:

(Start: 1 @39468 has 11 MA's), (2, 39447), (3, 39408),

Gene: Insomnia_63 Start: 39979, Stop: 39878, Start Num: 1

Candidate Starts for Insomnia_63:

(Start: 1 @39979 has 11 MA's), (2, 39958), (3, 39919),

Gene: Jabith_65 Start: 39980, Stop: 39879, Start Num: 1

Candidate Starts for Jabith_65:

(Start: 1 @39980 has 11 MA's), (2, 39959), (3, 39920),

Gene: Joselito_65 Start: 39928, Stop: 39827, Start Num: 1

Candidate Starts for Joselito_65:

(Start: 1 @39928 has 11 MA's), (2, 39907), (3, 39868),

Gene: Mulciber_63 Start: 39465, Stop: 39364, Start Num: 1

Candidate Starts for Mulciber_63:

(Start: 1 @39465 has 11 MA's), (2, 39444), (3, 39405),

Gene: Munch_64 Start: 39928, Stop: 39827, Start Num: 1

Candidate Starts for Munch_64:

(Start: 1 @39928 has 11 MA's), (2, 39907), (3, 39868),

Gene: Salz_63 Start: 39447, Stop: 39346, Start Num: 1

Candidate Starts for Salz_63:

(Start: 1 @39447 has 11 MA's), (2, 39426), (3, 39387),

Gene: TinyTimmy_62 Start: 39493, Stop: 39392, Start Num: 1

Candidate Starts for TinyTimmy_62:

(Start: 1 @39493 has 11 MA's), (2, 39472), (3, 39433),