Pham 194659

1: Vincenzo_64 + 1

2: Fortunato_62 + 2

3: Funsized_67

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 194659 Report

This analysis was run 11/02/24 on database version 579.

Pham number 194659 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Vincenzo_64, AlanGrant_65
• Track 2 : Fortunato_62, Lolalove_62, Hangman_61
• Track 3 : Funsized_67

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

The start number called the most often in the published annotations is 2, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AlanGrant_65, Fortunato_62, Funsized_67, Hangman_61, Lolalove_62, Vincenzo_64,

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 2:
• Found in 6 of 6 (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: AlanGrant_65 (B4), Fortunato_62 (B4), Funsized_67 (B9), Hangman_61 (B4), Lolalove_62 (B4), Vincenzo_64 (B4),

Summary by clusters:

There are 2 clusters represented in this pham: B4, B9,

Info for manual annotations of cluster B4:
•Start number 2 was manually annotated 5 times for cluster B4.

Info for manual annotations of cluster B9:
•Start number 2 was manually annotated 1 time for cluster B9.

Gene Information:

Gene: AlanGrant_65 Start: 59138, Stop: 59395, Start Num: 2
Candidate Starts for AlanGrant_65:
(Start: 2 @59138 has 6 MA's), (3, 59189), (5, 59195), (7, 59207), (9, 59237), (10, 59240), (13, 59279), (14, 59288), (16, 59342),

Gene: Fortunato_62 Start: 58000, Stop: 58269, Start Num: 2
Candidate Starts for Fortunato_62:
(Start: 2 @58000 has 6 MA's), (3, 58051), (5, 58057), (6, 58063), (7, 58069), (8, 58072), (10, 58102), (11, 58120), (12, 58135), (14, 58150), (15, 58168),

Gene: Funsized_67 Start: 60141, Stop: 60473, Start Num: 2
Candidate Starts for Funsized_67:
(1, 60099), (Start: 2 @60141 has 6 MA's), (4, 60204), (7, 60222), (12, 60288), (14, 60303), (17, 60411),

Gene: Hangman_61 Start: 58042, Stop: 58311, Start Num: 2
Candidate Starts for Hangman_61:
(Start: 2 @58042 has 6 MA's), (3, 58093), (5, 58099), (6, 58105), (7, 58111), (8, 58114), (10, 58144), (11, 58162), (12, 58177), (14, 58192), (15, 58210),

Gene: Lolalove_62 Start: 58003, Stop: 58272, Start Num: 2
Candidate Starts for Lolalove_62:
(Start: 2 @58003 has 6 MA's), (3, 58054), (5, 58060), (6, 58066), (7, 58072), (8, 58075), (10, 58105), (11, 58123), (12, 58138), (14, 58153), (15, 58171),

Gene: Vincenzo_64 Start: 59168, Stop: 59425, Start Num: 2
Candidate Starts for Vincenzo_64:
(Start: 2 @59168 has 6 MA's), (3, 59219), (5, 59225), (7, 59237), (9, 59267), (10, 59270), (13, 59309), (14, 59318), (16, 59372),