Pham 291785

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 291785 Report

This analysis was run 03/28/26 on database version 641.

Pham number 291785 has 9 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Bovely_62, Esperer_63, Indigo_61, Leviticus_63, Aaronocolus_62, Nerdos_61, Phettuccine_62, Unstoppable_62
• Track 2 : Lannister_62

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

The start number called the most often in the published annotations is 4, it was called in 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Aaronocolus_62, Bovely_62, Esperer_63, Indigo_61, Lannister_62, Leviticus_63, Nerdos_61, Phettuccine_62, Unstoppable_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 4:
• Found in 9 of 9 (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: Aaronocolus_62 (BD1), Bovely_62 (BD1), Esperer_63 (BD1), Indigo_61 (BD1), Lannister_62 (BD1), Leviticus_63 (BD1), Nerdos_61 (BD1), Phettuccine_62 (BD1), Unstoppable_62 (BD1),

Summary by clusters:

There is one cluster represented in this pham: BD1

Info for manual annotations of cluster BD1:

•Start number 4 was manually annotated 9 times for cluster BD1.

Gene Information:

Gene: Aaronocolus_62 Start: 43600, Stop: 43325, Start Num: 4
Candidate Starts for Aaronocolus_62:
(1, 43708), (3, 43636), (Start: 4 @43600 has 9 MA's), (5, 43498),

Gene: Bovely_62 Start: 43603, Stop: 43328, Start Num: 4
Candidate Starts for Bovely_62:
(1, 43711), (3, 43639), (Start: 4 @43603 has 9 MA's), (5, 43501),

Gene: Esperer_63 Start: 43946, Stop: 43671, Start Num: 4
Candidate Starts for Esperer_63:
(1, 44054), (3, 43982), (Start: 4 @43946 has 9 MA's), (5, 43844),

Gene: Indigo_61 Start: 43596, Stop: 43321, Start Num: 4
Candidate Starts for Indigo_61:
(1, 43704), (3, 43632), (Start: 4 @43596 has 9 MA's), (5, 43494),

Gene: Lannister_62 Start: 44501, Stop: 44196, Start Num: 4
Candidate Starts for Lannister_62:
(2, 44561), (Start: 4 @44501 has 9 MA's),

Gene: Leviticus_63 Start: 44133, Stop: 43858, Start Num: 4
Candidate Starts for Leviticus_63:
(1, 44241), (3, 44169), (Start: 4 @44133 has 9 MA's), (5, 44031),

Gene: Nerdos_61 Start: 43595, Stop: 43320, Start Num: 4
Candidate Starts for Nerdos_61:
(1, 43703), (3, 43631), (Start: 4 @43595 has 9 MA's), (5, 43493),

Gene: Phettuccine_62 Start: 43596, Stop: 43321, Start Num: 4
Candidate Starts for Phettuccine_62:
(1, 43704), (3, 43632), (Start: 4 @43596 has 9 MA's), (5, 43494),

Gene: Unstoppable_62 Start: 43594, Stop: 43319, Start Num: 4
Candidate Starts for Unstoppable_62:
(1, 43702), (3, 43630), (Start: 4 @43594 has 9 MA's), (5, 43492),