Pham 272200

1: Sabourin_62 + 10

2: Gumpizza_56 + 4

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 272200 Report

This analysis was run 02/07/26 on database version 634.

Pham number 272200 has 16 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Sabourin_62, Halsey_57, Cappuccino_57, Gambol_58, Mysterium_56, Moss_57, Donkey_57, Sooty_57, Ashes_57, SpecialK_57, Kalimba_57
• Track 2 : Gumpizza_56, Beaupre_56, Giorgio_56, RockScotty_56, Stuu_57

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 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ashes_57, Beaupre_56, Cappuccino_57, Donkey_57, Gambol_58, Giorgio_56, Gumpizza_56, Halsey_57, Kalimba_57, Moss_57, Mysterium_56, RockScotty_56, Sabourin_62, Sooty_57, SpecialK_57, Stuu_57,

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 16 of 16 (100.0%) of genes in pham
• Manual Annotations of this start: 15 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ashes_57 (AZ5), Beaupre_56 (AZ5), Cappuccino_57 (AZ5), Donkey_57 (AZ5), Gambol_58 (AZ5), Giorgio_56 (AZ5), Gumpizza_56 (AZ5), Halsey_57 (AZ5), Kalimba_57 (AZ5), Moss_57 (AZ5), Mysterium_56 (AZ5), RockScotty_56 (AZ5), Sabourin_62 (AZ5), Sooty_57 (AZ5), SpecialK_57 (AZ5), Stuu_57 (AZ5),

Summary by clusters:

There is one cluster represented in this pham: AZ5

Info for manual annotations of cluster AZ5:
•Start number 2 was manually annotated 15 times for cluster AZ5.

Gene Information:
Gene: Ashes_57 Start: 37726, Stop: 38076, Start Num: 2
Candidate Starts for Ashes_57:
(Start: 2 @37726 has 15 MA's), (3, 37819),

Gene: Beaupre_56 Start: 37536, Stop: 37886, Start Num: 2
Candidate Starts for Beaupre_56:
(1, 37308), (Start: 2 @37536 has 15 MA's), (3, 37629),

Gene: Cappuccino_57 Start: 37588, Stop: 37926, Start Num: 2
Candidate Starts for Cappuccino_57:
(Start: 2 @37588 has 15 MA's), (3, 37681),

Gene: Donkey_57 Start: 37578, Stop: 37916, Start Num: 2
Candidate Starts for Donkey_57:
(Start: 2 @37578 has 15 MA's), (3, 37671),

Gene: Gambol_58 Start: 37597, Stop: 37935, Start Num: 2
Candidate Starts for Gambol_58:
(Start: 2 @37597 has 15 MA's), (3, 37690),

Gene: Giorgio_56 Start: 37519, Stop: 37869, Start Num: 2
Candidate Starts for Giorgio_56:
(1, 37291), (Start: 2 @37519 has 15 MA's), (3, 37612),

Gene: Gumpizza_56 Start: 37475, Stop: 37825, Start Num: 2
Candidate Starts for Gumpizza_56:
(1, 37247), (Start: 2 @37475 has 15 MA's), (3, 37568),

Gene: Halsey_57 Start: 37716, Stop: 38066, Start Num: 2
Candidate Starts for Halsey_57:
(Start: 2 @37716 has 15 MA's), (3, 37809),

Gene: Kalimba_57 Start: 37575, Stop: 37913, Start Num: 2
Candidate Starts for Kalimba_57:
(Start: 2 @37575 has 15 MA's), (3, 37668),

Gene: Moss_57 Start: 37663, Stop: 38013, Start Num: 2
Candidate Starts for Moss_57:
(Start: 2 @37663 has 15 MA's), (3, 37756),

Gene: Mysterium_56 Start: 37504, Stop: 37854, Start Num: 2
Candidate Starts for Mysterium_56:
(Start: 2 @37504 has 15 MA's), (3, 37597),

Gene: RockScotty_56 Start: 37499, Stop: 37849, Start Num: 2
Candidate Starts for RockScotty_56:
(1, 37271), (Start: 2 @37499 has 15 MA's), (3, 37592),

Gene: Sabourin_62 Start: 37576, Stop: 37914, Start Num: 2
Candidate Starts for Sabourin_62:
(Start: 2 @37576 has 15 MA's), (3, 37669),

Gene: Sooty_57 Start: 37590, Stop: 37928, Start Num: 2
Candidate Starts for Sooty_57:
(Start: 2 @37590 has 15 MA's), (3, 37683),

Gene: SpecialK_57 Start: 37572, Stop: 37922, Start Num: 2
Candidate Starts for SpecialK_57:
(Start: 2 @37572 has 15 MA's), (3, 37665),

Gene: Stuu_57 Start: 37681, Stop: 38031, Start Num: 2
Candidate Starts for Stuu_57:
(1, 37453), (Start: 2 @37681 has 15 MA's), (3, 37774),