Pham 346393







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 346393 Report

This analysis was run 11/14/26 on database version 672.

Pham number 346393 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Kumquat_50, WRightOn_53, Zeigle_50
• Track 2 : RetrieverFever_51, Vrykolakas_51, Gremlin23_51, Fabian_48, Geostin_46, FlowerPower_51
• Track 3 : Stella_54

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 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Fabian_48, FlowerPower_51, Geostin_46, Gremlin23_51, RetrieverFever_51, Vrykolakas_51,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
• Kumquat_50, Stella_54, WRightOn_53, Zeigle_50,

Summary by start number:

Start 1:
• Found in 4 of 10 (40.0%) of genes in pham
• Manual Annotations of this start: 4 of 10
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kumquat_50 (BF), Stella_54 (BF), WRightOn_53 (BF), Zeigle_50 (BF),

Start 2:
• Found in 6 of 10 (60.0%) of genes in pham
• Manual Annotations of this start: 6 of 10
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Fabian_48 (BF), FlowerPower_51 (BF), Geostin_46 (BF), Gremlin23_51 (BF), RetrieverFever_51 (BF), Vrykolakas_51 (BF),

Summary by clusters:

There is one cluster represented in this pham: BF

Info for manual annotations of cluster BF:
•Start number 1 was manually annotated 4 times for cluster BF.
•Start number 2 was manually annotated 6 times for cluster BF.

Gene Information:

Gene: Fabian_48 Start: 28183, Stop: 27974, Start Num: 2
Candidate Starts for Fabian_48:
(Start: 2 @28183 has 6 MA's), (4, 28054),

Gene: FlowerPower_51 Start: 28183, Stop: 27974, Start Num: 2
Candidate Starts for FlowerPower_51:
(Start: 2 @28183 has 6 MA's), (4, 28054),

Gene: Geostin_46 Start: 28183, Stop: 27974, Start Num: 2
Candidate Starts for Geostin_46:
(Start: 2 @28183 has 6 MA's), (4, 28054),

Gene: Gremlin23_51 Start: 28183, Stop: 27974, Start Num: 2
Candidate Starts for Gremlin23_51:
(Start: 2 @28183 has 6 MA's), (4, 28054),

Gene: Kumquat_50 Start: 28403, Stop: 28197, Start Num: 1
Candidate Starts for Kumquat_50:
(Start: 1 @28403 has 4 MA's), (5, 28262),

Gene: RetrieverFever_51 Start: 28183, Stop: 27974, Start Num: 2
Candidate Starts for RetrieverFever_51:
(Start: 2 @28183 has 6 MA's), (4, 28054),

Gene: Stella_54 Start: 29102, Stop: 28878, Start Num: 1
Candidate Starts for Stella_54:
(Start: 1 @29102 has 4 MA's), (3, 29057),

Gene: Vrykolakas_51 Start: 28182, Stop: 27973, Start Num: 2
Candidate Starts for Vrykolakas_51:
(Start: 2 @28182 has 6 MA's), (4, 28053),

Gene: WRightOn_53 Start: 28559, Stop: 28353, Start Num: 1
Candidate Starts for WRightOn_53:
(Start: 1 @28559 has 4 MA's), (5, 28418),

Gene: Zeigle_50 Start: 28403, Stop: 28197, Start Num: 1
Candidate Starts for Zeigle_50:

(Start: 1 @28403 has 4 MA's), (5, 28262),