Pham 346533





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 346533 Report

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

Pham number 346533 has 7 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Renaldo_82, Kinny_77, Lewando_78, Biscute_74, BarbieDoll_78, Muglass_75
• Track 2 : Barbonzobean_78

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 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BarbieDoll_78, Biscute_74, Kinny_77, Lewando_78, Muglass_75, Renaldo_82,

Genes that have the "Most Annotated" start but do not call it:
• Barbonzobean_78,

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

Summary by start number:

Start 1:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 85.7% of time when present
• Phage (with cluster) where this start called: BarbieDoll_78 (AU6), Biscute_74 (AU6), Kinny_77 (AU6), Lewando_78 (AU6), Muglass_75 (AU6), Renaldo_82 (AU6),

Start 2:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 14.3% of time when present
• Phage (with cluster) where this start called: Barbonzobean_78 (AU6),

Summary by clusters:

There is one cluster represented in this pham: AU6

Info for manual annotations of cluster AU6:
•Start number 1 was manually annotated 4 times for cluster AU6.
•Start number 2 was manually annotated 1 time for cluster AU6.

Gene Information:

Gene: BarbieDoll_78 Start: 46828, Stop: 46974, Start Num: 1
Candidate Starts for BarbieDoll_78:
(Start: 1 @46828 has 4 MA's), (Start: 2 @46831 has 1 MA's), (3, 46903),

Gene: Barbonzobean_78 Start: 47227, Stop: 47370, Start Num: 2
Candidate Starts for Barbonzobean_78:
(Start: 1 @47224 has 4 MA's), (Start: 2 @47227 has 1 MA's), (3, 47299),

Gene: Biscute_74 Start: 46480, Stop: 46626, Start Num: 1
Candidate Starts for Biscute_74:
(Start: 1 @46480 has 4 MA's), (Start: 2 @46483 has 1 MA's), (3, 46555),

Gene: Kinny_77 Start: 47307, Stop: 47453, Start Num: 1
Candidate Starts for Kinny_77:
(Start: 1 @47307 has 4 MA's), (Start: 2 @47310 has 1 MA's), (3, 47382),

Gene: Lewando_78 Start: 47045, Stop: 47191, Start Num: 1
Candidate Starts for Lewando_78:
(Start: 1 @47045 has 4 MA's), (Start: 2 @47048 has 1 MA's), (3, 47120),

Gene: Muglass_75 Start: 46384, Stop: 46530, Start Num: 1
Candidate Starts for Muglass_75:
(Start: 1 @46384 has 4 MA's), (Start: 2 @46387 has 1 MA's), (3, 46459),

Gene: Renaldo_82 Start: 47266, Stop: 47412, Start Num: 1
Candidate Starts for Renaldo_82:
(Start: 1 @47266 has 4 MA's), (Start: 2 @47269 has 1 MA's), (3, 47341),