Pham 291741

1: Mdavu_1 + 9

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 291741 Report

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

Pham number 291741 has 10 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Mdavu_1, Amelie_1, Trice_1, Nikao_1, Enkosi_1, SgtBeansprout_1, Biglebops_1, Teejan_1, Torres_1, Nutello_1

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Amelie_1, Biglebops_1, Enkosi_1, Mdavu_1, Nikao_1, Nutello_1, SgtBeansprout_1, Teejan_1, Torres_1, Trice_1,

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 1:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Amelie_1 (K1), Biglebops_1 (K1), Enkosi_1 (K1), Mdavu_1 (K1), Nikao_1 (K1), Nutello_1 (K1), SgtBeansprout_1 (K1), Teejan_1 (K1), Torres_1 (K1), Trice_1 (K1),

Summary by clusters:

There is one cluster represented in this pham: K1

Info for manual annotations of cluster K1:
•Start number 1 was manually annotated 8 times for cluster K1.

Gene Information:

Gene: Amelie_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for Amelie_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),

Gene: Biglebops_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for Biglebops_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),

Gene: Enkosi_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for Enkosi_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),

Gene: Mdavu_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for Mdavu_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),

Gene: Nikao_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for Nikao_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),

Gene: Nutello_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for Nutello_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),

Gene: SgtBeansprout_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for SgtBeansprout_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),

Gene: Teejan_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for Teejan_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),

Gene: Torres_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for Torres_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),

Gene: Trice_1 Start: 75, Stop: 353, Start Num: 1
Candidate Starts for Trice_1:
(Start: 1 @75 has 8 MA's), (2, 156), (3, 240), (4, 243),