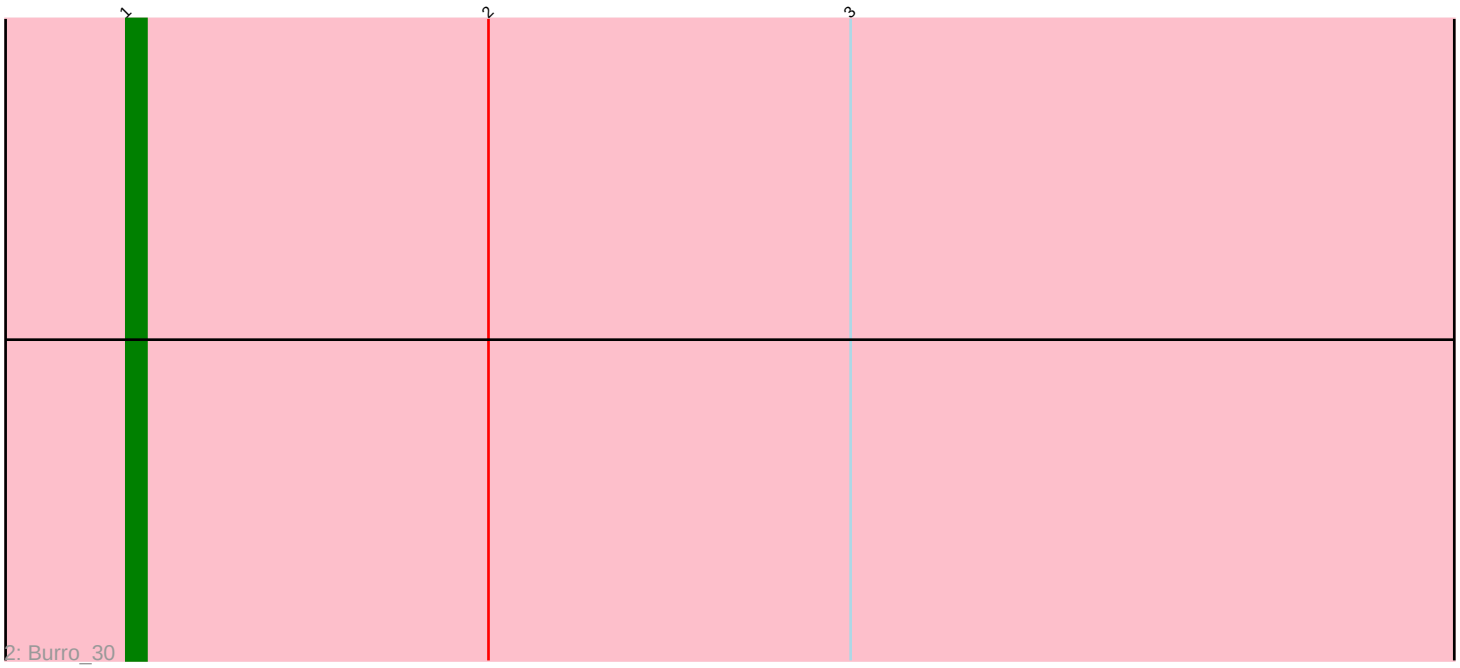
Pham 346476





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 346476 Report

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

Pham number 346476 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Araxxi_30, Arete_30, Casino_29, Hannabella_30, Gshelby23_28, DoTi_30, Scruffy_30
• Track 2 : Burro_30

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 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Araxxi_30, Arete_30, Casino_29, DoTi_30, Gshelby23_28, Hannabella_30, Scruffy_30,

Genes that have the "Most Annotated" start but do not call it:
• Burro_30,

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

Summary by start number:

Start 1:
• Found in 1 of 8 (12.5%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Burro_30 (EM1),

Start 2:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 7
• Called 87.5% of time when present
• Phage (with cluster) where this start called: Araxxi_30 (EM1), Arete_30 (EM1), Casino_29 (EM1), DoTi_30 (EM1), Gshelby23_28 (EM1), Hannabella_30 (EM1), Scruffy_30 (EM1),

Summary by clusters:

There is one cluster represented in this pham: EM1

Info for manual annotations of cluster EM1:
•Start number 1 was manually annotated 1 time for cluster EM1.
•Start number 2 was manually annotated 6 times for cluster EM1.

Gene Information:

Gene: Araxxi_30 Start: 36994, Stop: 37152, Start Num: 2
Candidate Starts for Araxxi_30:
(Start: 2 @36994 has 6 MA's), (3, 37012),

Gene: Arete_30 Start: 36697, Stop: 36855, Start Num: 2
Candidate Starts for Arete_30:
(Start: 2 @36697 has 6 MA's), (3, 36715),

Gene: Burro_30 Start: 36346, Stop: 36522, Start Num: 1
Candidate Starts for Burro_30:
(Start: 1 @36346 has 1 MA's), (Start: 2 @36364 has 6 MA's), (3, 36382),

Gene: Casino_29 Start: 36708, Stop: 36866, Start Num: 2
Candidate Starts for Casino_29:
(Start: 2 @36708 has 6 MA's), (3, 36726),

Gene: DoTi_30 Start: 37079, Stop: 37237, Start Num: 2
Candidate Starts for DoTi_30:
(Start: 2 @37079 has 6 MA's), (3, 37097),

Gene: Gshelby23_28 Start: 36643, Stop: 36801, Start Num: 2
Candidate Starts for Gshelby23_28:
(Start: 2 @36643 has 6 MA's), (3, 36661),

Gene: Hannabella_30 Start: 36684, Stop: 36842, Start Num: 2
Candidate Starts for Hannabella_30:
(Start: 2 @36684 has 6 MA's), (3, 36702),

Gene: Scruffy_30 Start: 36930, Stop: 37088, Start Num: 2
Candidate Starts for Scruffy_30:
(Start: 2 @36930 has 6 MA's), (3, 36948),