



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 106838 Report

This analysis was run 04/28/24 on database version 559.

Pham number 106838 has 11 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Lucivia_32, Flaverint_32, Aneem_32, Bowtie_32, Jabith_32, Joselito_32, Munch_32
- Track 2 : Bachome_32, Insomnia_31, Gilberta_32, MaCh_32

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Aneem_32, Bachome_32, Bowtie_32, Flaverint_32, Gilberta_32, Insomnia_31, Jabith_32, Joselito_32, Lucivia_32, MaCh_32, Munch_32,

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 11 of 11 (100.0%) of genes in pham
- Manual Annotations of this start: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Aneem_32 (A11), Bachome_32 (A11), Bowtie_32 (A11), Flaverint_32 (A11), Gilberta_32 (A11), Insomnia_31 (A11), Jabith_32 (A11), Joselito_32 (A11), Lucivia_32 (A11), MaCh_32 (A11), Munch_32 (A11),

Summary by clusters:

There is one cluster represented in this pham: A11

Info for manual annotations of cluster A11:

- Start number 1 was manually annotated 10 times for cluster A11.

Gene Information:

Gene: Aneem_32 Start: 25390, Stop: 25578, Start Num: 1

Candidate Starts for Aneem_32:

(Start: 1 @25390 has 10 MA's), (2, 25471), (3, 25519),

Gene: Bachome_32 Start: 25378, Stop: 25566, Start Num: 1

Candidate Starts for Bachome_32:

(Start: 1 @25378 has 10 MA's), (3, 25507),

Gene: Bowtie_32 Start: 25390, Stop: 25578, Start Num: 1

Candidate Starts for Bowtie_32:

(Start: 1 @25390 has 10 MA's), (2, 25471), (3, 25519),

Gene: Flaverint_32 Start: 25384, Stop: 25572, Start Num: 1

Candidate Starts for Flaverint_32:

(Start: 1 @25384 has 10 MA's), (2, 25465), (3, 25513),

Gene: Gilberta_32 Start: 25381, Stop: 25569, Start Num: 1

Candidate Starts for Gilberta_32:

(Start: 1 @25381 has 10 MA's), (3, 25510),

Gene: Insomnia_31 Start: 25442, Stop: 25630, Start Num: 1

Candidate Starts for Insomnia_31:

(Start: 1 @25442 has 10 MA's), (3, 25571),

Gene: Jabith_32 Start: 25442, Stop: 25630, Start Num: 1

Candidate Starts for Jabith_32:

(Start: 1 @25442 has 10 MA's), (2, 25523), (3, 25571),

Gene: Joselito_32 Start: 25390, Stop: 25578, Start Num: 1

Candidate Starts for Joselito_32:

(Start: 1 @25390 has 10 MA's), (2, 25471), (3, 25519),

Gene: Lucivia_32 Start: 25439, Stop: 25627, Start Num: 1

Candidate Starts for Lucivia_32:

(Start: 1 @25439 has 10 MA's), (2, 25520), (3, 25568),

Gene: MaCh_32 Start: 25378, Stop: 25566, Start Num: 1

Candidate Starts for MaCh_32:

(Start: 1 @25378 has 10 MA's), (3, 25507),

Gene: Munch_32 Start: 25390, Stop: 25578, Start Num: 1

Candidate Starts for Munch_32:

(Start: 1 @25390 has 10 MA's), (2, 25471), (3, 25519),