



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 106954 Report

This analysis was run 04/05/24 on database version 557.

Pham number 106954 has 8 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Tribby_43, Correa_41
- Track 2 : Dynamite_43, NapoleonB_43, GoCrazy_42, KeaneyLin_42
- Track 3 : Circum_45
- Track 4 : Cheesy_43

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 5, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Cheesy_43, Circum_45, Correa_41, Dynamite_43, GoCrazy_42, KeaneyLin_42, NapoleonB_43, Tribby_43,

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 5:

- Found in 8 of 8 (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: Cheesy_43 (AM), Circum_45 (AM), Correa_41 (AM), Dynamite_43 (AM), GoCrazy_42 (AM), KeaneyLin_42 (AM), NapoleonB_43 (AM), Tribby_43 (AM),

Summary by clusters:

There is one cluster represented in this pham: AM

Info for manual annotations of cluster AM:

•Start number 5 was manually annotated 8 times for cluster AM.

Gene Information:

Gene: Cheesy_43 Start: 29916, Stop: 30188, Start Num: 5

Candidate Starts for Cheesy_43:

(1, 29769), (2, 29772), (3, 29781), (Start: 5 @29916 has 8 MA's), (6, 29958), (7, 29991),

Gene: Circum_45 Start: 30576, Stop: 30827, Start Num: 5

Candidate Starts for Circum_45:

(1, 30429), (2, 30432), (3, 30441), (Start: 5 @30576 has 8 MA's), (8, 30792),

Gene: Correa_41 Start: 29101, Stop: 29373, Start Num: 5

Candidate Starts for Correa_41:

(4, 29038), (Start: 5 @29101 has 8 MA's), (7, 29176), (8, 29344),

Gene: Dynamite_43 Start: 30128, Stop: 30379, Start Num: 5

Candidate Starts for Dynamite_43:

(Start: 5 @30128 has 8 MA's), (8, 30344),

Gene: GoCrazy_42 Start: 30054, Stop: 30305, Start Num: 5

Candidate Starts for GoCrazy_42:

(Start: 5 @30054 has 8 MA's), (8, 30270),

Gene: KeaneyLin_42 Start: 30054, Stop: 30305, Start Num: 5

Candidate Starts for KeaneyLin_42:

(Start: 5 @30054 has 8 MA's), (8, 30270),

Gene: NapoleonB_43 Start: 30128, Stop: 30379, Start Num: 5

Candidate Starts for NapoleonB_43:

(Start: 5 @30128 has 8 MA's), (8, 30344),

Gene: Tribby_43 Start: 29934, Stop: 30206, Start Num: 5

Candidate Starts for Tribby_43:

(4, 29871), (Start: 5 @29934 has 8 MA's), (7, 30009), (8, 30177),