Pham 87300

1: Linus_98 + 10

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 87300 Report

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

Pham number 87300 has 11 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Linus_98, JaNo_97, Kabreeze_98, Mordred_98, Chocolat_98, RosiePosie_98, EdgarPoe_97, Chubster_98, Chipper1996_990, Scavito_99, Tophat_99

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:
• Chipper1996_990, Chocolat_98, Chubster_98, EdgarPoe_97, JaNo_97, Kabreeze_98, Linus_98, Mordred_98, RosiePosie_98, Scavito_99, Tophat_99,

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: Chipper1996_990 (AR), Chocolat_98 (AR), Chubster_98 (AR), EdgarPoe_97 (AR), JaNo_97 (AR), Kabreeze_98 (AR), Linus_98 (AR), Mordred_98 (AR), RosiePosie_98 (AR), Scavito_99 (AR), Tophat_99 (AR),

Summary by clusters:

There is one cluster represented in this pham: AR

Info for manual annotations of cluster AR:
•Start number 1 was manually annotated 10 times for cluster AR.

Gene Information:

Gene: Chipper1996_990 Start: 63208, Stop: 63396, Start Num: 1
Candidate Starts for Chipper1996_990:
(Start: 1 @63208 has 10 MA's), (2, 63316), (3, 63346),

Gene: Chocolat_98 Start: 62915, Stop: 63103, Start Num: 1
Candidate Starts for Chocolat_98:
(Start: 1 @62915 has 10 MA's), (2, 63023), (3, 63053),

Gene: Chubster_98 Start: 63155, Stop: 63343, Start Num: 1
Candidate Starts for Chubster_98:
(Start: 1 @63155 has 10 MA's), (2, 63263), (3, 63293),

Gene: EdgarPoe_97 Start: 63072, Stop: 63260, Start Num: 1
Candidate Starts for EdgarPoe_97:
(Start: 1 @63072 has 10 MA's), (2, 63180), (3, 63210),

Gene: JaNo_97 Start: 62846, Stop: 63034, Start Num: 1
Candidate Starts for JaNo_97:
(Start: 1 @62846 has 10 MA's), (2, 62954), (3, 62984),

Gene: Kabreeze_98 Start: 62932, Stop: 63120, Start Num: 1
Candidate Starts for Kabreeze_98:
(Start: 1 @62932 has 10 MA's), (2, 63040), (3, 63070),

Gene: Linus_98 Start: 63380, Stop: 63568, Start Num: 1
Candidate Starts for Linus_98:
(Start: 1 @63380 has 10 MA's), (2, 63488), (3, 63518),

Gene: Mordred_98 Start: 62971, Stop: 63159, Start Num: 1
Candidate Starts for Mordred_98:
(Start: 1 @62971 has 10 MA's), (2, 63079), (3, 63109),

Gene: RosiePosie_98 Start: 63027, Stop: 63215, Start Num: 1
Candidate Starts for RosiePosie_98:
(Start: 1 @63027 has 10 MA's), (2, 63135), (3, 63165),

Gene: Scavito_99 Start: 63020, Stop: 63208, Start Num: 1
Candidate Starts for Scavito_99:
(Start: 1 @63020 has 10 MA's), (2, 63128), (3, 63158),

Gene: Tophat_99 Start: 63209, Stop: 63397, Start Num: 1
Candidate Starts for Tophat_99:
(Start: 1 @63209 has 10 MA's), (2, 63317), (3, 63347),