Pham 203634

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 203634 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203634 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Dori_75
• Track 2 : Sejanus_78
• Track 3 : Frankie_80
• Track 4 : TootsiePop_82, LilSpotty_79, Misha28_82, Awesomesauce_83
• Track 5 : Tortellini_68

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

The start number called the most often in the published annotations is 11, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Awesomesauce_83, Dori_75, Frankie_80, LilSpotty_79, Misha28_82, Sejanus_78, TootsiePop_82, Tortellini_68,

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 11:
• 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: Awesomesauce_83 (F1), Dori_75 (AD), Frankie_80 (F1), LilSpotty_79 (singleton), Misha28_82 (F1), Sejanus_78 (AD), TootsiePop_82 (F1), Tortellini_68 (P2),

Summary by clusters:

There are 4 clusters represented in this pham: P2, F1, singleton, AD,

Info for manual annotations of cluster AD:
•Start number 11 was manually annotated 2 times for cluster AD.

Info for manual annotations of cluster F1:
•Start number 11 was manually annotated 4 times for cluster F1.

Info for manual annotations of cluster P2:
•Start number 11 was manually annotated 1 time for cluster P2.

Gene Information:

Gene: Awesomesauce_83 Start: 50467, Stop: 50625, Start Num: 11
Candidate Starts for Awesomesauce_83:
(4, 50251), (5, 50314), (7, 50371), (Start: 11 @50467 has 8 MA's), (12, 50476),

Gene: Dori_75 Start: 56198, Stop: 56362, Start Num: 11
Candidate Starts for Dori_75:
(1, 55886), (2, 55919), (3, 55940), (6, 56090), (Start: 11 @56198 has 8 MA's),

Gene: Frankie_80 Start: 47540, Stop: 47701, Start Num: 11
Candidate Starts for Frankie_80:
(Start: 11 @47540 has 8 MA's),

Gene: LilSpotty_79 Start: 45907, Stop: 46065, Start Num: 11
Candidate Starts for LilSpotty_79:
(4, 45691), (5, 45754), (7, 45811), (Start: 11 @45907 has 8 MA's), (12, 45916),

Gene: Misha28_82 Start: 51166, Stop: 51324, Start Num: 11
Candidate Starts for Misha28_82:
(4, 50950), (5, 51013), (7, 51070), (Start: 11 @51166 has 8 MA's), (12, 51175),

Gene: Sejanus_78 Start: 56346, Stop: 56510, Start Num: 11
Candidate Starts for Sejanus_78:
(8, 56262), (9, 56274), (10, 56319), (Start: 11 @56346 has 8 MA's),

Gene: TootsiePop_82 Start: 51166, Stop: 51324, Start Num: 11
Candidate Starts for TootsiePop_82:
(4, 50950), (5, 51013), (7, 51070), (Start: 11 @51166 has 8 MA's), (12, 51175),

Gene: Tortellini_68 Start: 45349, Stop: 45510, Start Num: 11
Candidate Starts for Tortellini_68:
(Start: 11 @45349 has 8 MA's),