Pham 86955

1: Lolly9_71 + 15

2: Krypton555_73

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 86955 Report

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

Pham number 86955 has 17 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Lolly9_71, Jobypre_73, Finnry_72, Moostard_70, MiniMac_76, Lumos_73, Clautastrophe_70, Snenia_71, Samty_71, Jubie_71, Bellis_70, Whirlwind_72, Kingsolomon_70, MsGreen_72, MiniLon_76, Nicholas_70
• Track 2 : Krypton555_73

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 15 of the 15 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bellis_70, Clautastrophe_70, Finnry_72, Jobypre_73, Jubie_71, Kingsolomon_70, Krypton555_73, Lolly9_71, Lumos_73, MiniLon_76, MiniMac_76, Moostard_70, MsGreen_72, Nicholas_70, Samty_71, Snenia_71, Whirlwind_72,

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 17 of 17 (100.0%) of genes in pham
• Manual Annotations of this start: 15 of 15
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bellis_70 (L3), Clautastrophe_70 (L3), Finnry_72 (L3), Jobypre_73 (L3), Jubie_71 (L3), Kingsolomon_70 (L3), Krypton555_73 (L3), Lolly9_71 (L3), Lumos_73 (L3), MiniLon_76 (L3), MiniMac_76 (L3), Moostard_70 (L3), MsGreen_72 (L3), Nicholas_70 (L3), Samty_71 (L3), Snenia_71 (L3), Whirlwind_72 (L3),

Summary by clusters:

There is one cluster represented in this pham: L3

Info for manual annotations of cluster L3:
•Start number 1 was manually annotated 15 times for cluster L3.

Gene Information:
Gene: Bellis_70 Start: 49611, Stop: 49769, Start Num: 1
Candidate Starts for Bellis_70:
(Start: 1 @49611 has 15 MA's),

Gene: Clautastrophe_70 Start: 49608, Stop: 49766, Start Num: 1
Candidate Starts for Clautastrophe_70:
(Start: 1 @49608 has 15 MA's),

Gene: Finnry_72 Start: 49872, Stop: 50030, Start Num: 1
Candidate Starts for Finnry_72:
(Start: 1 @49872 has 15 MA's),

Gene: Jobypre_73 Start: 49608, Stop: 49766, Start Num: 1
Candidate Starts for Jobypre_73:
(Start: 1 @49608 has 15 MA's),

Gene: Jubie_71 Start: 49743, Stop: 49901, Start Num: 1
Candidate Starts for Jubie_71:
(Start: 1 @49743 has 15 MA's),

Gene: Kingsolomon_70 Start: 49615, Stop: 49773, Start Num: 1
Candidate Starts for Kingsolomon_70:
(Start: 1 @49615 has 15 MA's),

Gene: Krypton555_73 Start: 49822, Stop: 49980, Start Num: 1
Candidate Starts for Krypton555_73:
(Start: 1 @49822 has 15 MA's), (2, 49840),

Gene: Lolly9_71 Start: 49728, Stop: 49886, Start Num: 1
Candidate Starts for Lolly9_71:
(Start: 1 @49728 has 15 MA's),

Gene: Lumos_73 Start: 49605, Stop: 49763, Start Num: 1
Candidate Starts for Lumos_73:
(Start: 1 @49605 has 15 MA's),

Gene: MiniLon_76 Start: 49729, Stop: 49887, Start Num: 1
Candidate Starts for MiniLon_76:
(Start: 1 @49729 has 15 MA's),

Gene: MiniMac_76 Start: 49727, Stop: 49885, Start Num: 1
Candidate Starts for MiniMac_76:
(Start: 1 @49727 has 15 MA's),

Gene: Moostard_70 Start: 49611, Stop: 49769, Start Num: 1
Candidate Starts for Moostard_70:
(Start: 1 @49611 has 15 MA's),

Gene: MsGreen_72 Start: 49608, Stop: 49766, Start Num: 1
Candidate Starts for MsGreen_72:
(Start: 1 @49608 has 15 MA's),

Gene: Nicholas_70 Start: 49615, Stop: 49773, Start Num: 1
Candidate Starts for Nicholas_70:
(Start: 1 @49615 has 15 MA's),

Gene: Samty_71 Start: 49616, Stop: 49774, Start Num: 1
Candidate Starts for Samty_71:
(Start: 1 @49616 has 15 MA's),

Gene: Snenia_71 Start: 49609, Stop: 49767, Start Num: 1
Candidate Starts for Snenia_71:
(Start: 1 @49609 has 15 MA's),

Gene: Whirlwind_72 Start: 49702, Stop: 49860, Start Num: 1
Candidate Starts for Whirlwind_72:
(Start: 1 @49702 has 15 MA's),