Pham 106705

1: Heliosoles_83 + 12

2: OlanP_84

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 106705 Report

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

Pham number 106705 has 14 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Heliosoles_83, Gemma_83, Manu_85, Kalb97_86, Marius_86, Kalnoky_86, Phranny_78, HaveUMetTed_86, Pawn_84, Reba_81, Groupthink_86, JeppNRM_86, PhishRPhriends_82
• Track 2 : OlanP_84

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

The start number called the most often in the published annotations is 2, it was called in 12 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Gemma_83, Groupthink_86, HaveUMetTed_86, Heliosoles_83, JeppNRM_86, Kalb97_86, Kalnoky_86, Manu_85, Marius_86, Pawn_84, PhishRPhriends_82, Phranny_78, Reba_81,

Genes that have the "Most Annotated" start but do not call it:
• OlanP_84,

Genes that do not have the "Most Annotated" start:
•

Summary by start number:

Start 1:
• Found in 14 of 14 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 13
• Called 7.1% of time when present
• Phage (with cluster) where this start called: OlanP_84 (A3),

Start 2:
• Found in 14 of 14 (100.0%) of genes in pham
• Manual Annotations of this start: 12 of 13
• Called 92.9% of time when present

• Phage (with cluster) where this start called: Gemma_83 (A3), Groupthink_86 (A3), HaveUMetTed_86 (A3), Heliosoles_83 (A3), JeppNRM_86 (A3), Kalb97_86 (A3), Kalnoky_86 (A3), Manu_85 (A3), Marius_86 (A3), Pawn_84 (A3), PhishRPhriends_82 (A3), Phranny_78 (A3), Reba_81 (A3),

Summary by clusters:

There is one cluster represented in this pham: A3

Info for manual annotations of cluster A3:
•Start number 1 was manually annotated 1 time for cluster A3.
•Start number 2 was manually annotated 12 times for cluster A3.

Gene Information:

Gene: Gemma_83 Start: 47433, Stop: 47212, Start Num: 2
Candidate Starts for Gemma_83:
(Start: 1 @47439 has 1 MA's), (Start: 2 @47433 has 12 MA's), (3, 47418),

Gene: Groupthink_86 Start: 47435, Stop: 47214, Start Num: 2
Candidate Starts for Groupthink_86:
(Start: 1 @47441 has 1 MA's), (Start: 2 @47435 has 12 MA's), (3, 47420),

Gene: HaveUMetTed_86 Start: 47423, Stop: 47202, Start Num: 2
Candidate Starts for HaveUMetTed_86:
(Start: 1 @47429 has 1 MA's), (Start: 2 @47423 has 12 MA's), (3, 47408),

Gene: Heliosoles_83 Start: 47439, Stop: 47218, Start Num: 2
Candidate Starts for Heliosoles_83:
(Start: 1 @47445 has 1 MA's), (Start: 2 @47439 has 12 MA's), (3, 47424),

Gene: JeppNRM_86 Start: 47437, Stop: 47216, Start Num: 2
Candidate Starts for JeppNRM_86:
(Start: 1 @47443 has 1 MA's), (Start: 2 @47437 has 12 MA's), (3, 47422),

Gene: Kalb97_86 Start: 46805, Stop: 46584, Start Num: 2
Candidate Starts for Kalb97_86:
(Start: 1 @46811 has 1 MA's), (Start: 2 @46805 has 12 MA's), (3, 46790),

Gene: Kalnoky_86 Start: 47432, Stop: 47211, Start Num: 2
Candidate Starts for Kalnoky_86:
(Start: 1 @47438 has 1 MA's), (Start: 2 @47432 has 12 MA's), (3, 47417),

Gene: Manu_85 Start: 47439, Stop: 47218, Start Num: 2
Candidate Starts for Manu_85:
(Start: 1 @47445 has 1 MA's), (Start: 2 @47439 has 12 MA's), (3, 47424),

Gene: Marius_86 Start: 47432, Stop: 47211, Start Num: 2
Candidate Starts for Marius_86:
(Start: 1 @47438 has 1 MA's), (Start: 2 @47432 has 12 MA's), (3, 47417),

Gene: OlanP_84 Start: 47616, Stop: 47389, Start Num: 1
Candidate Starts for OlanP_84:
(Start: 1 @47616 has 1 MA's), (Start: 2 @47610 has 12 MA's), (3, 47595),

Gene: Pawn_84 Start: 47439, Stop: 47218, Start Num: 2
Candidate Starts for Pawn_84:
(Start: 1 @47445 has 1 MA's), (Start: 2 @47439 has 12 MA's), (3, 47424),

Gene: PhishRPhriends_82 Start: 46619, Stop: 46398, Start Num: 2
Candidate Starts for PhishRPhriends_82:
(Start: 1 @46625 has 1 MA's), (Start: 2 @46619 has 12 MA's), (3, 46604),

Gene: Phranny_78 Start: 44887, Stop: 44666, Start Num: 2
Candidate Starts for Phranny_78:
(Start: 1 @44893 has 1 MA's), (Start: 2 @44887 has 12 MA's), (3, 44872),

Gene: Reba_81 Start: 46275, Stop: 46054, Start Num: 2
Candidate Starts for Reba_81:
(Start: 1 @46281 has 1 MA's), (Start: 2 @46275 has 12 MA's), (3, 46260),