Pham 156786

1: Orwigg_95 + 12

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 156786 Report

This analysis was run 04/12/24 on database version 558.

Pham number 156786 has 13 members, 6 are drafts.

Phages represented in each track:
• Track 1 : Orwigg_95, Scrick_94, True_94, Charles1_96, Megamind20_95, Selr12_97, Pacifista_96, Mcshane_95, DirtJuice_94, Burr_95, Olak_95, Slatt_95, Andre_96

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 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Andre_96, Burr_95, Charles1_96, DirtJuice_94, Mcshane_95, Megamind20_95, Olak_95, Orwigg_95, Pacifista_96, Scrick_94, Selr12_97, Slatt_95, True_94,

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 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Andre_96 (B1), Burr_95 (B1), Charles1_96 (B1), DirtJuice_94 (B1), Mcshane_95 (B1), Megamind20_95 (B1), Olak_95 (B1), Orwigg_95 (B1), Pacifista_96 (B1), Scrick_94 (B1), Selr12_97 (B1), Slatt_95 (B1), True_94 (B1),

Summary by clusters:

There is one cluster represented in this pham: B1

Info for manual annotations of cluster B1:
•Start number 1 was manually annotated 7 times for cluster B1.

Gene Information:

Gene: Andre_96 Start: 65668, Stop: 65477, Start Num: 1
Candidate Starts for Andre_96:
(Start: 1 @65668 has 7 MA's), (2, 65605), (3, 65491), (4, 65482),

Gene: Burr_95 Start: 65271, Stop: 65080, Start Num: 1
Candidate Starts for Burr_95:
(Start: 1 @65271 has 7 MA's), (2, 65208), (3, 65094), (4, 65085),

Gene: Charles1_96 Start: 65579, Stop: 65388, Start Num: 1
Candidate Starts for Charles1_96:
(Start: 1 @65579 has 7 MA's), (2, 65516), (3, 65402), (4, 65393),

Gene: DirtJuice_94 Start: 65717, Stop: 65526, Start Num: 1
Candidate Starts for DirtJuice_94:
(Start: 1 @65717 has 7 MA's), (2, 65654), (3, 65540), (4, 65531),

Gene: Mcshane_95 Start: 65257, Stop: 65066, Start Num: 1
Candidate Starts for Mcshane_95:
(Start: 1 @65257 has 7 MA's), (2, 65194), (3, 65080), (4, 65071),

Gene: Megamind20_95 Start: 65221, Stop: 65030, Start Num: 1
Candidate Starts for Megamind20_95:
(Start: 1 @65221 has 7 MA's), (2, 65158), (3, 65044), (4, 65035),

Gene: Olak_95 Start: 65427, Stop: 65236, Start Num: 1
Candidate Starts for Olak_95:
(Start: 1 @65427 has 7 MA's), (2, 65364), (3, 65250), (4, 65241),

Gene: Orwigg_95 Start: 65183, Stop: 64992, Start Num: 1
Candidate Starts for Orwigg_95:
(Start: 1 @65183 has 7 MA's), (2, 65120), (3, 65006), (4, 64997),

Gene: Pacifista_96 Start: 65268, Stop: 65077, Start Num: 1
Candidate Starts for Pacifista_96:
(Start: 1 @65268 has 7 MA's), (2, 65205), (3, 65091), (4, 65082),

Gene: Scrick_94 Start: 65252, Stop: 65061, Start Num: 1
Candidate Starts for Scrick_94:
(Start: 1 @65252 has 7 MA's), (2, 65189), (3, 65075), (4, 65066),

Gene: Selr12_97 Start: 65293, Stop: 65102, Start Num: 1
Candidate Starts for Selr12_97:
(Start: 1 @65293 has 7 MA's), (2, 65230), (3, 65116), (4, 65107),

Gene: Slatt_95 Start: 65533, Stop: 65342, Start Num: 1
Candidate Starts for Slatt_95:

(Start: 1 @65533 has 7 MA's), (2, 65470), (3, 65356), (4, 65347),

Gene: True_94 Start: 65251, Stop: 65060, Start Num: 1
Candidate Starts for True_94:
(Start: 1 @65251 has 7 MA's), (2, 65188), (3, 65074), (4, 65065),