Pham 106839

1: ILeeKay_81 + 8
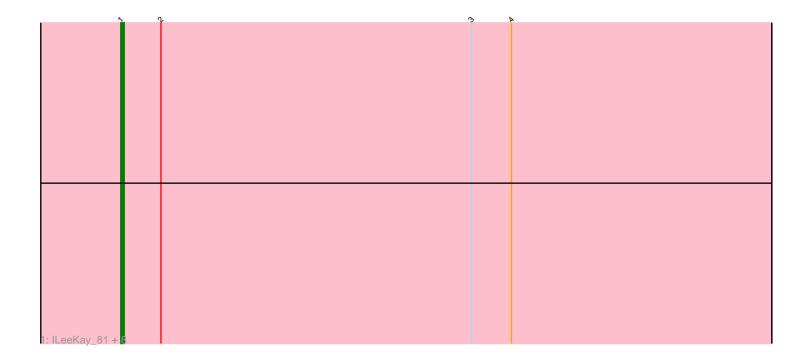
2: BeesKnees_84

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 106839 Report

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

Pham number 106839 has 10 members, 0 are drafts.

Phages represented in each track:
• Track 1 : ILeeKay_81, Eyeball_84, BaconJack_86, Briton15_86, Seabiscuit_84, McGuire_83, Sibs6_85, Doom_76, STLscum_91
• Track 2 : BeesKnees_84

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:
• BaconJack_86, BeesKnees_84, Briton15_86, Doom_76, Eyeball_84, ILeeKay_81, McGuire_83, STLscum_91, Seabiscuit_84, Sibs6_85,

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 10 of 10 (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: BaconJack_86 (A1), BeesKnees_84 (A1), Briton15_86 (A1), Doom_76 (A1), Eyeball_84 (A1), ILeeKay_81 (A1), McGuire_83 (A1), STLscum_91 (A1), Seabiscuit_84 (A1), Sibs6_85 (A1),

Summary by clusters:

There is one cluster represented in this pham: A1

Info for manual annotations of cluster A1:

•Start number 1 was manually annotated 10 times for cluster A1.

Gene Information:
Gene: BaconJack_86 Start: 50344, Stop: 50150, Start Num: 1
Candidate Starts for BaconJack_86:
(Start: 1 @50344 has 10 MA's), (2, 50332), (3, 50239), (4, 50227),

Gene: BeesKnees_84 Start: 47280, Stop: 47086, Start Num: 1
Candidate Starts for BeesKnees_84:
(Start: 1 @47280 has 10 MA's), (2, 47268), (3, 47175), (4, 47163), (5, 47094),

Gene: Briton15_86 Start: 49423, Stop: 49229, Start Num: 1
Candidate Starts for Briton15_86:
(Start: 1 @49423 has 10 MA's), (2, 49411), (3, 49318), (4, 49306),

Gene: Doom_76 Start: 47395, Stop: 47201, Start Num: 1
Candidate Starts for Doom_76:
(Start: 1 @47395 has 10 MA's), (2, 47383), (3, 47290), (4, 47278),

Gene: Eyeball_84 Start: 48830, Stop: 48636, Start Num: 1
Candidate Starts for Eyeball_84:
(Start: 1 @48830 has 10 MA's), (2, 48818), (3, 48725), (4, 48713),

Gene: ILeeKay_81 Start: 46786, Stop: 46592, Start Num: 1
Candidate Starts for ILeeKay_81:
(Start: 1 @46786 has 10 MA's), (2, 46774), (3, 46681), (4, 46669),

Gene: McGuire_83 Start: 47428, Stop: 47234, Start Num: 1
Candidate Starts for McGuire_83:
(Start: 1 @47428 has 10 MA's), (2, 47416), (3, 47323), (4, 47311),

Gene: STLscum_91 Start: 49511, Stop: 49317, Start Num: 1
Candidate Starts for STLscum_91:
(Start: 1 @49511 has 10 MA's), (2, 49499), (3, 49406), (4, 49394),

Gene: Seabiscuit_84 Start: 47662, Stop: 47468, Start Num: 1
Candidate Starts for Seabiscuit_84:
(Start: 1 @47662 has 10 MA's), (2, 47650), (3, 47557), (4, 47545),

Gene: Sibs6_85 Start: 46259, Stop: 46065, Start Num: 1
Candidate Starts for Sibs6_85:
(Start: 1 @46259 has 10 MA's), (2, 46247), (3, 46154), (4, 46142),