Pham 87177

1: Meibysrarus_67 + 11

2: Madamato_68

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 87177 Report

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

Pham number 87177 has 13 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Meibysrarus_67, Jaylociraptor_69, IceWarrior_68, Indigenous_71, CherryBlossom_69, Hoshi_70, Spectropatronm_68, Namo_70, TonyStarch_68, FidgetOrca_71, Maya_69, Rima_69
• Track 2 : Madamato_68

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 13 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• CherryBlossom_69, FidgetOrca_71, Hoshi_70, IceWarrior_68, Indigenous_71, Jaylociraptor_69, Madamato_68, Maya_69, Meibysrarus_67, Namo_70, Rima_69, Spectropatronm_68, TonyStarch_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 1:
• Found in 13 of 13 (100.0%) of genes in pham
• Manual Annotations of this start: 13 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CherryBlossom_69 (BI1), FidgetOrca_71 (BI1), Hoshi_70 (BI1), IceWarrior_68 (BI1), Indigenous_71 (BI1), Jaylociraptor_69 (BI1), Madamato_68 (BI1), Maya_69 (BI1), Meibysrarus_67 (BI1), Namo_70 (BI1), Rima_69 (BI1), Spectropatronm_68 (BI1), TonyStarch_68 (BI1),

Summary by clusters:

There is one cluster represented in this pham: BI1

Info for manual annotations of cluster BI1:
•Start number 1 was manually annotated 13 times for cluster BI1.

Gene Information:
Gene: CherryBlossom_69 Start: 43985, Stop: 44224, Start Num: 1
Candidate Starts for CherryBlossom_69:
(Start: 1 @43985 has 13 MA's), (2, 44192),

Gene: FidgetOrca_71 Start: 44521, Stop: 44760, Start Num: 1
Candidate Starts for FidgetOrca_71:
(Start: 1 @44521 has 13 MA's), (2, 44728),

Gene: Hoshi_70 Start: 44128, Stop: 44367, Start Num: 1
Candidate Starts for Hoshi_70:
(Start: 1 @44128 has 13 MA's), (2, 44335),

Gene: IceWarrior_68 Start: 43804, Stop: 44043, Start Num: 1
Candidate Starts for IceWarrior_68:
(Start: 1 @43804 has 13 MA's), (2, 44011),

Gene: Indigenous_71 Start: 44525, Stop: 44764, Start Num: 1
Candidate Starts for Indigenous_71:
(Start: 1 @44525 has 13 MA's), (2, 44732),

Gene: Jaylociraptor_69 Start: 44121, Stop: 44360, Start Num: 1
Candidate Starts for Jaylociraptor_69:
(Start: 1 @44121 has 13 MA's), (2, 44328),

Gene: Madamato_68 Start: 44045, Stop: 44266, Start Num: 1
Candidate Starts for Madamato_68:
(Start: 1 @44045 has 13 MA's),

Gene: Maya_69 Start: 44135, Stop: 44374, Start Num: 1
Candidate Starts for Maya_69:
(Start: 1 @44135 has 13 MA's), (2, 44342),

Gene: Meibysrarus_67 Start: 43498, Stop: 43737, Start Num: 1
Candidate Starts for Meibysrarus_67:
(Start: 1 @43498 has 13 MA's), (2, 43705),

Gene: Namo_70 Start: 44472, Stop: 44711, Start Num: 1
Candidate Starts for Namo_70:
(Start: 1 @44472 has 13 MA's), (2, 44679),

Gene: Rima_69 Start: 44472, Stop: 44711, Start Num: 1
Candidate Starts for Rima_69:
(Start: 1 @44472 has 13 MA's), (2, 44679),

Gene: Spectropatronm_68 Start: 44128, Stop: 44367, Start Num: 1
Candidate Starts for Spectropatronm_68:
(Start: 1 @44128 has 13 MA's), (2, 44335),

Gene: TonyStarch_68 Start: 43870, Stop: 44109, Start Num: 1
Candidate Starts for TonyStarch_68:
(Start: 1 @43870 has 13 MA's), (2, 44077),