Pham 348193


1
7
1: TforTroy_28
2
5
6
2: Meibysrarus_66 + 8
2
5
6
3: CherryBlossom_68
3
4
4: Wigberry_71 + 1

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 348193 Report

This analysis was run 11/14/26 on database version 672.

Pham number 348193 has 13 members, 1 are drafts.

Phages represented in each track:
• Track 1 : TforTroy_28
• Track 2 : Meibysrarus_66, Jaylociraptor_68, Indigenous_70, FidgetOrca_70, Namo_69, Hoshi_69, TonyStarch_67, IceWarrior_67, Maya_68
• Track 3 : CherryBlossom_68
• Track 4 : Wigberry_71, Hajile_73

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 9 of the 12 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• FidgetOrca_70, Hoshi_69, IceWarrior_67, Indigenous_70, Jaylociraptor_68, Maya_68, Meibysrarus_66, Namo_69, TonyStarch_67,

Genes that have the "Most Annotated" start but do not call it:
• CherryBlossom_68,

Genes that do not have the "Most Annotated" start:
• Hajile_73, TforTroy_28, Wigberry_71,

Summary by start number:

Start 2:
• Found in 10 of 13 (76.9%) of genes in pham
• Manual Annotations of this start: 9 of 12
• Called 90.0% of time when present
• Phage (with cluster) where this start called: FidgetOrca_70 (BI1), Hoshi_69 (BI1), IceWarrior_67 (BI1), Indigenous_70 (BI1), Jaylociraptor_68 (BI1), Maya_68 (BI1), Meibysrarus_66 (BI1), Namo_69 (BI1), TonyStarch_67 (BI1),

Start 4:
• Found in 2 of 13 (15.4%) of genes in pham
• Manual Annotations of this start: 1 of 12

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Hajile_73 (BI5), Wigberry_71 (BI5),

Start 5:
• Found in 10 of 13 (76.9%) of genes in pham
• Manual Annotations of this start: 1 of 12
• Called 10.0% of time when present
• Phage (with cluster) where this start called: CherryBlossom_68 (BI1),

Start 7:
• Found in 1 of 13 (7.7%) of genes in pham
• Manual Annotations of this start: 1 of 12
• Called 100.0% of time when present
• Phage (with cluster) where this start called: TforTroy_28 (AZ1),

Summary by clusters:

There are 3 clusters represented in this pham: AZ1, BI5, BI1,

Info for manual annotations of cluster AZ1:
•Start number 7 was manually annotated 1 time for cluster AZ1.

Info for manual annotations of cluster BI1:
•Start number 2 was manually annotated 9 times for cluster BI1.
•Start number 5 was manually annotated 1 time for cluster BI1.

Info for manual annotations of cluster BI5:
•Start number 4 was manually annotated 1 time for cluster BI5.

Gene Information:

Gene: CherryBlossom_68 Start: 43842, Stop: 43988, Start Num: 5
Candidate Starts for CherryBlossom_68:
(Start: 2 @43833 has 9 MA's), (Start: 5 @43842 has 1 MA's), (6, 43860),

Gene: FidgetOrca_70 Start: 44369, Stop: 44524, Start Num: 2
Candidate Starts for FidgetOrca_70:
(Start: 2 @44369 has 9 MA's), (Start: 5 @44378 has 1 MA's), (6, 44396),

Gene: Hajile_73 Start: 44495, Stop: 44635, Start Num: 4
Candidate Starts for Hajile_73:
(3, 44492), (Start: 4 @44495 has 1 MA's),

Gene: Hoshi_69 Start: 43976, Stop: 44131, Start Num: 2
Candidate Starts for Hoshi_69:
(Start: 2 @43976 has 9 MA's), (Start: 5 @43985 has 1 MA's), (6, 44003),

Gene: IceWarrior_67 Start: 43652, Stop: 43807, Start Num: 2
Candidate Starts for IceWarrior_67:
(Start: 2 @43652 has 9 MA's), (Start: 5 @43661 has 1 MA's), (6, 43679),

Gene: Indigenous_70 Start: 44373, Stop: 44528, Start Num: 2
Candidate Starts for Indigenous_70:
(Start: 2 @44373 has 9 MA's), (Start: 5 @44382 has 1 MA's), (6, 44400),

Gene: Jaylociraptor_68 Start: 43969, Stop: 44124, Start Num: 2
Candidate Starts for Jaylociraptor_68:
(Start: 2 @43969 has 9 MA's), (Start: 5 @43978 has 1 MA's), (6, 43996),

Gene: Maya_68 Start: 43983, Stop: 44138, Start Num: 2
Candidate Starts for Maya_68:
(Start: 2 @43983 has 9 MA's), (Start: 5 @43992 has 1 MA's), (6, 44010),

Gene: Meibysrarus_66 Start: 43346, Stop: 43501, Start Num: 2
Candidate Starts for Meibysrarus_66:
(Start: 2 @43346 has 9 MA's), (Start: 5 @43355 has 1 MA's), (6, 43373),

Gene: Namo_69 Start: 44320, Stop: 44475, Start Num: 2
Candidate Starts for Namo_69:
(Start: 2 @44320 has 9 MA's), (Start: 5 @44329 has 1 MA's), (6, 44347),

Gene: TforTroy_28 Start: 23051, Stop: 23188, Start Num: 7
Candidate Starts for TforTroy_28:
(1, 22886), (Start: 7 @23051 has 1 MA's),

Gene: TonyStarch_67 Start: 43718, Stop: 43873, Start Num: 2
Candidate Starts for TonyStarch_67:
(Start: 2 @43718 has 9 MA's), (Start: 5 @43727 has 1 MA's), (6, 43745),

Gene: Wigberry_71 Start: 44498, Stop: 44638, Start Num: 4
Candidate Starts for Wigberry_71:
(3, 44495), (Start: 4 @44498 has 1 MA's),