Pham 346518


3
1: AbbyDaisy_44
1
3
2: DarwinJr_48
1
3
3: Seahorse_47
3
4: NidoQ_41
1
2
3
4
5
6
7
5: BrayBeast_48 + 1
3
8
6: Bouclier_7

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 346518 Report

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

Pham number 346518 has 7 members, 1 are drafts.

Phages represented in each track:
• Track 1 : AbbyDaisy_44
• Track 2 : DarwinJr_48
• Track 3 : Seahorse_47
• Track 4 : NidoQ_41
• Track 5 : BrayBeast_48, Raqqa_59
• Track 6 : Bouclier_7

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

The start number called the most often in the published annotations is 3, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AbbyDaisy_44, Bouclier_7, BrayBeast_48, DarwinJr_48, NidoQ_41, Raqqa_59, Seahorse_47,

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 3:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AbbyDaisy_44 (AY), Bouclier_7 (FD), BrayBeast_48 (FB), DarwinJr_48 (AY), NidoQ_41 (FA), Raqqa_59 (AY), Seahorse_47 (AY),

Summary by clusters:

There are 4 clusters represented in this pham: AY, FA, FB, FD,

Info for manual annotations of cluster AY:
•Start number 3 was manually annotated 3 times for cluster AY.

Info for manual annotations of cluster FA:
•Start number 3 was manually annotated 1 time for cluster FA.

Info for manual annotations of cluster FB:
•Start number 3 was manually annotated 1 time for cluster FB.

Info for manual annotations of cluster FD:
•Start number 3 was manually annotated 1 time for cluster FD.

Gene Information:

Gene: AbbyDaisy_44 Start: 29632, Stop: 29775, Start Num: 3
Candidate Starts for AbbyDaisy_44:
(Start: 3 @29632 has 6 MA's),

Gene: Bouclier_7 Start: 3099, Stop: 3236, Start Num: 3
Candidate Starts for Bouclier_7:
(Start: 3 @3099 has 6 MA's), (8, 3210),

Gene: BrayBeast_48 Start: 28838, Stop: 28984, Start Num: 3
Candidate Starts for BrayBeast_48:
(1, 28745), (2, 28766), (Start: 3 @28838 has 6 MA's), (4, 28844), (5, 28922), (6, 28925), (7, 28952),

Gene: DarwinJr_48 Start: 30583, Stop: 30726, Start Num: 3
Candidate Starts for DarwinJr_48:
(1, 30475), (Start: 3 @30583 has 6 MA's),

Gene: NidoQ_41 Start: 29348, Stop: 29494, Start Num: 3
Candidate Starts for NidoQ_41:
(Start: 3 @29348 has 6 MA's),

Gene: Raqqa_59 Start: 32867, Stop: 33013, Start Num: 3
Candidate Starts for Raqqa_59:
(1, 32774), (2, 32795), (Start: 3 @32867 has 6 MA's), (4, 32873), (5, 32951), (6, 32954), (7, 32981),

Gene: Seahorse_47 Start: 31332, Stop: 31478, Start Num: 3
Candidate Starts for Seahorse_47:
(1, 31227), (Start: 3 @31332 has 6 MA's),