Pham 342884


4
10
11
1: Kabloowy_46 + 2
2
6
7
10
11
2: Windest_45
2
6
9
10
11
3: JellyBread_43
5
6
8
10
11
4: KayMoney_37
1
3
5
6
8
10
11
5: GlobiWarming_37

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 342884 Report

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

Pham number 342884 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Kabloowy_46, Hillester_46, RadFad_46
• Track 2 : Windest_45
• Track 3 : JellyBread_43
• Track 4 : KayMoney_37
• Track 5 : GlobiWarming_37

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

The start number called the most often in the published annotations is 4, it was called in 3 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Hillester_46, Kabloowy_46, RadFad_46,

Genes that have the "Most Annotated" start but do not call it:
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Genes that do not have the "Most Annotated" start:
• GlobiWarming_37, JellyBread_43, KayMoney_37, Windest_45,

Summary by start number:

Start 2:
• Found in 2 of 7 (28.6%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 50.0% of time when present
• Phage (with cluster) where this start called: JellyBread_43 (AY),

Start 4:
• Found in 3 of 7 (42.9%) of genes in pham
• Manual Annotations of this start: 3 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Hillester_46 (AY), Kabloowy_46 (AY), RadFad_46 (AY),

Start 5:
• Found in 2 of 7 (28.6%) of genes in pham
• Manual Annotations of this start: 2 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: GlobiWarming_37 (FA), KayMoney_37 (FA),

Start 6:
• Found in 4 of 7 (57.1%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Windest_45 (AY),

Summary by clusters:

There are 2 clusters represented in this pham: AY, FA,

Info for manual annotations of cluster AY:
•Start number 2 was manually annotated 1 time for cluster AY.
•Start number 4 was manually annotated 3 times for cluster AY.
•Start number 6 was manually annotated 1 time for cluster AY.

Info for manual annotations of cluster FA:
•Start number 5 was manually annotated 2 times for cluster FA.

Gene Information:

Gene: GlobiWarming_37 Start: 25857, Stop: 26075, Start Num: 5
Candidate Starts for GlobiWarming_37:
(1, 25797), (3, 25845), (Start: 5 @25857 has 2 MA's), (Start: 6 @25866 has 1 MA's), (8, 25926), (10, 26052), (11, 26055),

Gene: Hillester_46 Start: 29758, Stop: 29519, Start Num: 4
Candidate Starts for Hillester_46:
(Start: 4 @29758 has 3 MA's), (10, 29557), (11, 29554),

Gene: JellyBread_43 Start: 28092, Stop: 27847, Start Num: 2
Candidate Starts for JellyBread_43:
(Start: 2 @28092 has 1 MA's), (Start: 6 @28056 has 1 MA's), (9, 27912), (10, 27870), (11, 27867),

Gene: Kabloowy_46 Start: 29876, Stop: 29637, Start Num: 4
Candidate Starts for Kabloowy_46:
(Start: 4 @29876 has 3 MA's), (10, 29675), (11, 29672),

Gene: KayMoney_37 Start: 25946, Stop: 26164, Start Num: 5
Candidate Starts for KayMoney_37:
(Start: 5 @25946 has 2 MA's), (Start: 6 @25955 has 1 MA's), (8, 26015), (10, 26141), (11, 26144),

Gene: RadFad_46 Start: 29758, Stop: 29519, Start Num: 4
Candidate Starts for RadFad_46:

(Start: 4 @29758 has 3 MA's), (10, 29557), (11, 29554),

Gene: Windest_45 Start: 28063, Stop: 27857, Start Num: 6
Candidate Starts for Windest_45:
(Start: 2 @28099 has 1 MA's), (Start: 6 @28063 has 1 MA's), (7, 28012), (10, 27877), (11, 27874),