Pham 333655


5
8
9
11
12
14
19
1: RidgeCB_93
9
15
16
17
18
2: Dulcie_94
9
10
19
3: Payneful_85
3
5
7
9
12
13
4: StewieG_88
1
2
4
6
7
9
16
19
5: Wilkins_94
9
16
6: Marsha_97

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 333655 Report

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

Pham number 333655 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : RidgeCB_93
• Track 2 : Dulcie_94
• Track 3 : Payneful_85
• Track 4 : StewieG_88
• Track 5 : Wilkins_94
• Track 6 : Marsha_97

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

The start number called the most often in the published annotations is 9, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Dulcie_94, Marsha_97, Payneful_85, RidgeCB_93, StewieG_88, Wilkins_94,

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 9:
• Found in 6 of 6 (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: Dulcie_94 (A1), Marsha_97 (A1), Payneful_85 (A1), RidgeCB_93 (A1), StewieG_88 (A1), Wilkins_94 (A1),

Summary by clusters:

There is one cluster represented in this pham: A1

Info for manual annotations of cluster A1:
•Start number 9 was manually annotated 6 times for cluster A1.

Gene Information:

Gene: Dulcie_94 Start: 53568, Stop: 53365, Start Num: 9
Candidate Starts for Dulcie_94:
(Start: 9 @53568 has 6 MA's), (15, 53433), (16, 53418), (17, 53403), (18, 53385),

Gene: Marsha_97 Start: 54050, Stop: 53853, Start Num: 9
Candidate Starts for Marsha_97:
(Start: 9 @54050 has 6 MA's), (16, 53900),

Gene: Payneful_85 Start: 48892, Stop: 48608, Start Num: 9
Candidate Starts for Payneful_85:
(Start: 9 @48892 has 6 MA's), (10, 48796), (19, 48691),

Gene: RidgeCB_93 Start: 50441, Stop: 50169, Start Num: 9
Candidate Starts for RidgeCB_93:
(5, 50516), (8, 50477), (Start: 9 @50441 has 6 MA's), (11, 50336), (12, 50315), (14, 50309), (19, 50252),

Gene: StewieG_88 Start: 49012, Stop: 48818, Start Num: 9
Candidate Starts for StewieG_88:
(3, 49219), (5, 49087), (7, 49054), (Start: 9 @49012 has 6 MA's), (12, 48886), (13, 48883),

Gene: Wilkins_94 Start: 50507, Stop: 50232, Start Num: 9
Candidate Starts for Wilkins_94:
(1, 50840), (2, 50747), (4, 50606), (6, 50567), (7, 50549), (Start: 9 @50507 has 6 MA's), (16, 50357), (19, 50315),