Pham 344794


4
5
7
8
10
13
14
21
1: Jolie1_080
5
6
9
10
11
15
16
17
2: 39HC_083 + 1
4
5
7
10
13
14
17
19
3: ForDig_81
5
7
8
10
13
14
21
4: Hosp_078
1
2
3
5
10
18
20
22
5: Rinkes_79

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 344794 Report

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

Pham number 344794 has 6 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Jolie1_080
• Track 2 : 39HC_083, 40BC_083
• Track 3 : ForDig_81
• Track 4 : Hosp_078
• Track 5 : Rinkes_79

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

The start number called the most often in the published annotations is 5, it was called in 2 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• 39HC_083, 40BC_083, ForDig_81, Hosp_078, Jolie1_080, Rinkes_79,

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 5:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 2
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 39HC_083 (B6), 40BC_083 (B6), ForDig_81 (B6), Hosp_078 (B6), Jolie1_080 (B6), Rinkes_79 (B9),

Summary by clusters:

There are 2 clusters represented in this pham: B6, B9,

Info for manual annotations of cluster B6:

•Start number 5 was manually annotated 1 time for cluster B6.

Info for manual annotations of cluster B9:
•Start number 5 was manually annotated 1 time for cluster B9.

Gene Information:

Gene: 39HC_083 Start: 63984, Stop: 63691, Start Num: 5
Candidate Starts for 39HC_083:
(Start: 5 @63984 has 2 MA's), (6, 63966), (9, 63933), (10, 63930), (11, 63909), (15, 63855), (16, 63846), (17, 63831),

Gene: 40BC_083 Start: 63984, Stop: 63691, Start Num: 5
Candidate Starts for 40BC_083:
(Start: 5 @63984 has 2 MA's), (6, 63966), (9, 63933), (10, 63930), (11, 63909), (15, 63855), (16, 63846), (17, 63831),

Gene: ForDig_81 Start: 63250, Stop: 62975, Start Num: 5
Candidate Starts for ForDig_81:
(4, 63301), (Start: 5 @63250 has 2 MA's), (7, 63205), (10, 63196), (12, 63172), (13, 63169), (14, 63160), (17, 63115), (19, 63064),

Gene: Hosp_078 Start: 61272, Stop: 61000, Start Num: 5
Candidate Starts for Hosp_078:
(Start: 5 @61272 has 2 MA's), (7, 61227), (8, 61224), (10, 61218), (13, 61191), (14, 61182), (21, 61074),

Gene: Jolie1_080 Start: 63299, Stop: 63027, Start Num: 5
Candidate Starts for Jolie1_080:
(4, 63353), (Start: 5 @63299 has 2 MA's), (7, 63254), (8, 63251), (10, 63245), (13, 63218), (14, 63209), (21, 63101),

Gene: Rinkes_79 Start: 64163, Stop: 63879, Start Num: 5
Candidate Starts for Rinkes_79:
(1, 64562), (2, 64478), (3, 64220), (Start: 5 @64163 has 2 MA's), (10, 64106), (18, 63968), (20, 63956), (22, 63932),