Pham 342900


3
4
5
10
11
13
14
15
16
1: 39HC_062 + 1
1
2
4
5
7
10
11
12
13
14
15
16
2: Minnow_65
1
2
4
5
6
7
9
10
11
12
15
3: Hosp_060
1
2
4
5
7
10
12
13
14
15
16
4: KayaCho_62
1
2
4
5
11
12
13
14
15
16
5: ForDigi_63
2
4
5
6
7
8
9
10
11
12
15
6: Jolie1_062

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 342900 Report

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

Pham number 342900 has 7 members, 5 are drafts.

Phages represented in each track:
• Track 1 : 39HC_062, 40BC_062
• Track 2 : Minnow_65
• Track 3 : Hosp_060
• Track 4 : KayaCho_62
• Track 5 : ForDig_63
• Track 6 : Jolie1_062

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 2 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• 39HC_062, 40BC_062, ForDig_63, Hosp_060, Jolie1_062, KayaCho_62, Minnow_65,

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 4:
• Found in 7 of 7 (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_062 (B6), 40BC_062 (B6), ForDig_63 (B6), Hosp_060 (B6), Jolie1_062 (B6), KayaCho_62 (B6), Minnow_65 (B6),

Summary by clusters:

There is one cluster represented in this pham: B6

Info for manual annotations of cluster B6:
•Start number 4 was manually annotated 2 times for cluster B6.

Gene Information:

Gene: 39HC_062 Start: 56651, Stop: 56875, Start Num: 4
Candidate Starts for 39HC_062:
(3, 56564), (Start: 4 @56651 has 2 MA's), (5, 56675), (10, 56771), (11, 56780), (13, 56831), (14, 56855), (15, 56858), (16, 56861),

Gene: 40BC_062 Start: 56651, Stop: 56875, Start Num: 4
Candidate Starts for 40BC_062:
(3, 56564), (Start: 4 @56651 has 2 MA's), (5, 56675), (10, 56771), (11, 56780), (13, 56831), (14, 56855), (15, 56858), (16, 56861),

Gene: ForDig_63 Start: 56842, Stop: 57066, Start Num: 4
Candidate Starts for ForDig_63:
(1, 56695), (2, 56737), (Start: 4 @56842 has 2 MA's), (5, 56866), (11, 56971), (12, 56986), (13, 57022), (14, 57046), (15, 57049), (16, 57052),

Gene: Hosp_060 Start: 54755, Stop: 54979, Start Num: 4
Candidate Starts for Hosp_060:
(1, 54608), (2, 54650), (Start: 4 @54755 has 2 MA's), (5, 54779), (6, 54785), (7, 54794), (9, 54833), (10, 54875), (11, 54884), (12, 54899), (15, 54962),

Gene: Jolie1_062 Start: 56673, Stop: 56897, Start Num: 4
Candidate Starts for Jolie1_062:
(2, 56568), (Start: 4 @56673 has 2 MA's), (5, 56697), (6, 56703), (7, 56712), (8, 56733), (9, 56751), (10, 56793), (11, 56802), (12, 56817), (15, 56880),

Gene: KayaCho_62 Start: 56783, Stop: 57007, Start Num: 4
Candidate Starts for KayaCho_62:
(1, 56636), (2, 56678), (Start: 4 @56783 has 2 MA's), (5, 56807), (7, 56822), (10, 56903), (12, 56927), (13, 56963), (14, 56987), (15, 56990), (16, 56993),

Gene: Minnow_65 Start: 56932, Stop: 57156, Start Num: 4
Candidate Starts for Minnow_65:
(1, 56785), (2, 56827), (Start: 4 @56932 has 2 MA's), (5, 56956), (7, 56971), (10, 57052), (11, 57061), (12, 57076), (13, 57112), (14, 57136), (15, 57139), (16, 57142),