Pham 342959


5
7
8
10
11
12
19
27
28
30
1: Imvubu_26
4
6
12
19
21
29
2: Indlovu_30
13
16
21
25
3: Hashim76_36
1
7
9
12
23
26
30
4: Thonko_31
2
3
4
5
8
12
14
15
17
18
20
22
23
24
26
5: Knocker_34

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 342959 Report

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

Pham number 342959 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Imvubu_26
• Track 2 : Indlovu_30
• Track 3 : Hashim76_36
• Track 4 : Thonko_31
• Track 5 : Knocker_34

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

The start number called the most often in the published annotations is 12, it was called in 3 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Indlovu_30, Knocker_34, Thonko_31,

Genes that have the "Most Annotated" start but do not call it:
• Imvubu_26,

Genes that do not have the "Most Annotated" start:
• Hashim76_36,

Summary by start number:

Start 8:
• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Imvubu_26 (B10),

Start 12:
• Found in 4 of 5 (80.0%) of genes in pham
• Manual Annotations of this start: 3 of 5
• Called 75.0% of time when present
• Phage (with cluster) where this start called: Indlovu_30 (B11), Knocker_34 (B9), Thonko_31 (B8),

Start 13:
• Found in 1 of 5 (20.0%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Hashim76_36 (B13),

Summary by clusters:

There are 5 clusters represented in this pham: B11, B8, B9, B10, B13,

Info for manual annotations of cluster B10:
•Start number 8 was manually annotated 1 time for cluster B10.

Info for manual annotations of cluster B11:
•Start number 12 was manually annotated 1 time for cluster B11.

Info for manual annotations of cluster B13:
•Start number 13 was manually annotated 1 time for cluster B13.

Info for manual annotations of cluster B8:
•Start number 12 was manually annotated 1 time for cluster B8.

Info for manual annotations of cluster B9:
•Start number 12 was manually annotated 1 time for cluster B9.

Gene Information:

Gene: Hashim76_36 Start: 32406, Stop: 32672, Start Num: 13
Candidate Starts for Hashim76_36:
(Start: 13 @32406 has 1 MA's), (16, 32457), (21, 32562), (25, 32592),

Gene: Imvubu_26 Start: 30063, Stop: 30428, Start Num: 8
Candidate Starts for Imvubu_26:
(5, 30021), (7, 30057), (Start: 8 @30063 has 1 MA's), (10, 30096), (11, 30099), (Start: 12 @30108 has 3 MA's), (19, 30231), (27, 30324), (28, 30342), (30, 30363),

Gene: Indlovu_30 Start: 32397, Stop: 32669, Start Num: 12
Candidate Starts for Indlovu_30:
(4, 32304), (6, 32340), (Start: 12 @32397 has 3 MA's), (19, 32514), (21, 32562), (29, 32640),

Gene: Knocker_34 Start: 35019, Stop: 35372, Start Num: 12
Candidate Starts for Knocker_34:
(2, 34812), (3, 34836), (4, 34932), (5, 34941), (Start: 8 @34983 has 1 MA's), (Start: 12 @35019 has 3 MA's), (14, 35028), (15, 35064), (17, 35082), (18, 35088), (20, 35133), (22, 35196), (23, 35211), (24, 35214), (26, 35220),

Gene: Thonko_31 Start: 30782, Stop: 31090, Start Num: 12
Candidate Starts for Thonko_31:
(1, 30482), (7, 30734), (9, 30746), (Start: 12 @30782 has 3 MA's), (23, 30977), (26, 30986), (30, 31040),