Pham 348300


2
4
5
7
9
16
17
20
1: Causa_117
2
4
5
7
9
16
17
20
2: StAugustine_115
1
2
12
13
14
18
3: LilMcDreamy_61
3
6
10
14
4: 40BC_058 + 1
3
6
10
14
15
19
5: Hosp_056 + 1
3
6
8
10
11
16
6: Minnow_61
3
6
8
10
7: ForDig_59

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 348300 Report

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

Pham number 348300 has 9 members, 5 are drafts.

Phages represented in each track:
• Track 1 : Causa_117
• Track 2 : StAugustine_115
• Track 3 : LilMcDreamy_61
• Track 4 : 40BC_058, 39HC_058
• Track 5 : Hosp_056, Jolie1_058
• Track 6 : Minnow_61
• Track 7 : ForDig_59

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

The start number called the most often in the published annotations is 2, it was called in 1 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Causa_117,

Genes that have the "Most Annotated" start but do not call it:
• LilMcDreamy_61, StAugustine_115,

Genes that do not have the "Most Annotated" start:
• 39HC_058, 40BC_058, ForDig_59, Hosp_056, Jolie1_058, Minnow_61,

Summary by start number:

Start 1:
• Found in 1 of 9 (11.1%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LilMcDreamy_61 (B12),

Start 2:
• Found in 3 of 9 (33.3%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 33.3% of time when present

• Phage (with cluster) where this start called: Causa_117 (AI),

Start 3:
• Found in 6 of 9 (66.7%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: 39HC_058 (B6), 40BC_058 (B6), ForDig_59 (B6), Hosp_056 (B6), Jolie1_058 (B6), Minnow_61 (B6),

Start 4:
• Found in 2 of 9 (22.2%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: StAugustine_115 (AI),

Summary by clusters:

There are 3 clusters represented in this pham: AI, B6, B12,

Info for manual annotations of cluster AI:
•Start number 2 was manually annotated 1 time for cluster AI.
•Start number 4 was manually annotated 1 time for cluster AI.

Info for manual annotations of cluster B12:
•Start number 1 was manually annotated 1 time for cluster B12.

Info for manual annotations of cluster B6:
•Start number 3 was manually annotated 1 time for cluster B6.

Gene Information:

Gene: 39HC_058 Start: 54678, Stop: 54355, Start Num: 3
Candidate Starts for 39HC_058:
(Start: 3 @54678 has 1 MA's), (6, 54639), (10, 54612), (14, 54528),

Gene: 40BC_058 Start: 54678, Stop: 54355, Start Num: 3
Candidate Starts for 40BC_058:
(Start: 3 @54678 has 1 MA's), (6, 54639), (10, 54612), (14, 54528),

Gene: Causa_117 Start: 76988, Stop: 76671, Start Num: 2
Candidate Starts for Causa_117:
(Start: 2 @76988 has 1 MA's), (Start: 4 @76982 has 1 MA's), (5, 76970), (7, 76952), (9, 76931), (16, 76787), (17, 76769), (20, 76676),

Gene: ForDig_59 Start: 55009, Stop: 54668, Start Num: 3
Candidate Starts for ForDig_59:
(Start: 3 @55009 has 1 MA's), (6, 54970), (8, 54958), (10, 54943),

Gene: Hosp_056 Start: 52913, Stop: 52590, Start Num: 3
Candidate Starts for Hosp_056:
(Start: 3 @52913 has 1 MA's), (6, 52874), (10, 52847), (14, 52763), (15, 52736), (19, 52610),

Gene: Jolie1_058 Start: 54813, Stop: 54490, Start Num: 3
Candidate Starts for Jolie1_058:
(Start: 3 @54813 has 1 MA's), (6, 54774), (10, 54747), (14, 54663), (15, 54636), (19, 54510),

Gene: LilMcDreamy_61 Start: 56322, Stop: 55963, Start Num: 1
Candidate Starts for LilMcDreamy_61:
(Start: 1 @56322 has 1 MA's), (Start: 2 @56292 has 1 MA's), (12, 56190), (13, 56151), (14, 56139), (18, 56028),

Gene: Minnow_61 Start: 55083, Stop: 54730, Start Num: 3
Candidate Starts for Minnow_61:
(Start: 3 @55083 has 1 MA's), (6, 55044), (8, 55032), (10, 55017), (11, 54999), (16, 54843),

Gene: StAugustine_115 Start: 78249, Stop: 77938, Start Num: 4
Candidate Starts for StAugustine_115:
(Start: 2 @78255 has 1 MA's), (Start: 4 @78249 has 1 MA's), (5, 78237), (7, 78219), (9, 78198), (16, 78054), (17, 78036), (20, 77943),