Pham 346620


3
7
10
1: Causa_140 + 1
1
5
2: Syleon_1
4
3: Sephiroth_1
2
6
8
9
4: Chaser_129

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 346620 Report

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

Pham number 346620 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Causa_140, StAugustine_138
• Track 2 : Syleon_1
• Track 3 : Sephiroth_1
• Track 4 : Chaser_129

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

The start number called the most often in the published annotations is 3, it was called in 2 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Causa_140, StAugustine_138,

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

Genes that do not have the "Most Annotated" start:
• Chaser_129, Sephiroth_1, Syleon_1,

Summary by start number:

Start 3:
• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Causa_140 (AI), StAugustine_138 (AI),

Start 4:
• 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: Sephiroth_1 (DU1),

Start 5:

• 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: Syleon_1 (DU1),

Start 6:
• 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: Chaser_129 (L4),

Summary by clusters:

There are 3 clusters represented in this pham: AI, DU1, L4,

Info for manual annotations of cluster AI:
•Start number 3 was manually annotated 2 times for cluster AI.

Info for manual annotations of cluster DU1:
•Start number 4 was manually annotated 1 time for cluster DU1.
•Start number 5 was manually annotated 1 time for cluster DU1.

Info for manual annotations of cluster L4:
•Start number 6 was manually annotated 1 time for cluster L4.

Gene Information:

Gene: Causa_140 Start: 82544, Stop: 82350, Start Num: 3
Candidate Starts for Causa_140:
(Start: 3 @82544 has 2 MA's), (7, 82484), (10, 82376),

Gene: Chaser_129 Start: 67655, Stop: 67485, Start Num: 6
Candidate Starts for Chaser_129:
(2, 67679), (Start: 6 @67655 has 1 MA's), (8, 67592), (9, 67559),

Gene: Sephiroth_1 Start: 281, Stop: 126, Start Num: 4
Candidate Starts for Sephiroth_1:
(Start: 4 @281 has 1 MA's),

Gene: StAugustine_138 Start: 83741, Stop: 83547, Start Num: 3
Candidate Starts for StAugustine_138:
(Start: 3 @83741 has 2 MA's), (7, 83681), (10, 83573),

Gene: Syleon_1 Start: 281, Stop: 126, Start Num: 5
Candidate Starts for Syleon_1:
(1, 305), (Start: 5 @281 has 1 MA's),