Pham 344688


2
3
6
9
10
1: Syleon_106
2
6
7
8
9
10
2: Sephiroth_102 + 1
2
6
9
10
3: Octobien14_103
1
2
4
5
9
10
4: Rabbitrun_105
2
9
10
5: Trax_104 + 2

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 344688 Report

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

Pham number 344688 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Syleon_106
• Track 2 : Sephiroth_102, Kudefre_105
• Track 3 : Octobien14_103
• Track 4 : Rabbitrun_105
• Track 5 : Trax_104, LilJank_104, Neville_101

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Kudefre_105, LilJank_104, Neville_101, Octobien14_103, Rabbitrun_105, Sephiroth_102, Syleon_106, Trax_104,

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 2:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kudefre_105 (DU1), LilJank_104 (DU2), Neville_101 (DU2), Octobien14_103 (DU1), Rabbitrun_105 (DU2), Sephiroth_102 (DU1), Syleon_106 (DU1), Trax_104 (DU2),

Summary by clusters:

There are 2 clusters represented in this pham: DU1, DU2,

Info for manual annotations of cluster DU1:
•Start number 2 was manually annotated 4 times for cluster DU1.

Info for manual annotations of cluster DU2:
•Start number 2 was manually annotated 4 times for cluster DU2.

Gene Information:

Gene: Kudefre_105 Start: 59492, Stop: 59665, Start Num: 2
Candidate Starts for Kudefre_105:
(Start: 2 @59492 has 8 MA's), (6, 59534), (7, 59540), (8, 59546), (9, 59564), (10, 59651),

Gene: LilJank_104 Start: 62085, Stop: 62276, Start Num: 2
Candidate Starts for LilJank_104:
(Start: 2 @62085 has 8 MA's), (9, 62166), (10, 62262),

Gene: Neville_101 Start: 60705, Stop: 60896, Start Num: 2
Candidate Starts for Neville_101:
(Start: 2 @60705 has 8 MA's), (9, 60786), (10, 60882),

Gene: Octobien14_103 Start: 58865, Stop: 59038, Start Num: 2
Candidate Starts for Octobien14_103:
(Start: 2 @58865 has 8 MA's), (6, 58907), (9, 58937), (10, 59024),

Gene: Rabbitrun_105 Start: 61661, Stop: 61840, Start Num: 2
Candidate Starts for Rabbitrun_105:
(1, 61634), (Start: 2 @61661 has 8 MA's), (4, 61676), (5, 61706), (9, 61742), (10, 61826),

Gene: Sephiroth_102 Start: 59443, Stop: 59616, Start Num: 2
Candidate Starts for Sephiroth_102:
(Start: 2 @59443 has 8 MA's), (6, 59485), (7, 59491), (8, 59497), (9, 59515), (10, 59602),

Gene: Syleon_106 Start: 60032, Stop: 60205, Start Num: 2
Candidate Starts for Syleon_106:
(Start: 2 @60032 has 8 MA's), (3, 60038), (6, 60074), (9, 60104), (10, 60191),

Gene: Trax_104 Start: 61700, Stop: 61891, Start Num: 2
Candidate Starts for Trax_104:
(Start: 2 @61700 has 8 MA's), (9, 61781), (10, 61877),