Pham 348357


9
13
16
17
1: Lifes_88
9
16
17
2: BarnCat_88 + 2
5
11
15
3: Cece_273
3
4
6
7
10
15
16
19
20
4: Pumpernickel_286
1
2
3
4
7
8
12
14
16
18
5: Footloose_43

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 348357 Report

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

Pham number 348357 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Lifes_88
• Track 2 : BarnCat_88, LeeroyJenkins_97, WaterT_92
• Track 3 : Cece_273
• Track 4 : Pumpernickel_286
• Track 5 : Footloose_43

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

The start number called the most often in the published annotations is 9, it was called in 4 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BarnCat_88, LeeroyJenkins_97, Lifes_88, WaterT_92,

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

Genes that do not have the "Most Annotated" start:
• Cece_273, Footloose_43, Pumpernickel_286,

Summary by start number:

Start 5:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cece_273 (GD3),

Start 7:
• Found in 2 of 7 (28.6%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Pumpernickel_286 (GD4),

Start 8:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Footloose_43 (singleton),

Start 9:
• Found in 4 of 7 (57.1%) of genes in pham
• Manual Annotations of this start: 4 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BarnCat_88 (GB), LeeroyJenkins_97 (GB), Lifes_88 (GB), WaterT_92 (GB),

Summary by clusters:

There are 4 clusters represented in this pham: singleton, GD3, GD4, GB,

Info for manual annotations of cluster GB:
•Start number 9 was manually annotated 4 times for cluster GB.

Info for manual annotations of cluster GD3:
•Start number 5 was manually annotated 1 time for cluster GD3.

Info for manual annotations of cluster GD4:
•Start number 7 was manually annotated 1 time for cluster GD4.

Gene Information:

Gene: BarnCat_88 Start: 49890, Stop: 49741, Start Num: 9
Candidate Starts for BarnCat_88:
(Start: 9 @49890 has 4 MA's), (16, 49794), (17, 49758),

Gene: Cece_273 Start: 156277, Stop: 156438, Start Num: 5
Candidate Starts for Cece_273:
(Start: 5 @156277 has 1 MA's), (11, 156340), (15, 156364),

Gene: Footloose_43 Start: 27271, Stop: 27426, Start Num: 8
Candidate Starts for Footloose_43:
(1, 27160), (2, 27178), (3, 27193), (4, 27223), (Start: 7 @27268 has 1 MA's), (Start: 8 @27271 has 1 MA's), (12, 27325), (14, 27337), (16, 27370), (18, 27412),

Gene: LeeroyJenkins_97 Start: 51661, Stop: 51512, Start Num: 9
Candidate Starts for LeeroyJenkins_97:
(Start: 9 @51661 has 4 MA's), (16, 51565), (17, 51529),

Gene: Lifes_88 Start: 48460, Stop: 48311, Start Num: 9
Candidate Starts for Lifes_88:
(Start: 9 @48460 has 4 MA's), (13, 48400), (16, 48364), (17, 48328),

Gene: Pumpernickel_286 Start: 159793, Stop: 159981, Start Num: 7
Candidate Starts for Pumpernickel_286:

(3, 159718), (4, 159748), (6, 159790), (Start: 7 @159793 has 1 MA's), (10, 159808), (15, 159865), (16, 159892), (19, 159937), (20, 159961),

Gene: WaterT_92 Start: 50393, Stop: 50244, Start Num: 9
Candidate Starts for WaterT_92:
(Start: 9 @50393 has 4 MA's), (16, 50297), (17, 50261),