Pham 343046


8
20
21
23
25
27
29
30
1: Alakazam_42
10
12
16
17
20
23
30
2: OscarSo_3
1
2
3
4
5
6
13
14
19
20
24
26
28
3: Doedicurus_3
9
11
15
18
20
22
28
31
4: Wyvern_4

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 343046 Report

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

Pham number 343046 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Alakazam_42
• Track 2 : OscarSo_3
• Track 3 : Doedicurus_3
• Track 4 : Wyvern_4

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

The start number called the most often in the published annotations is 10, it was called in 1 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• OscarSo_3,

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

Genes that do not have the "Most Annotated" start:
• Alakazam_42, Doedicurus_3, Wyvern_4,

Summary by start number:

Start 6:
• Found in 1 of 4 (25.0%) 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: Doedicurus_3 (GJ),

Start 7:
• Found in 1 of 4 (25.0%) 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: Wyvern_4 (GJ),

Start 8:

• Found in 2 of 4 (50.0%) 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: Alakazam_42 (EA5),

Start 10:
• Found in 1 of 4 (25.0%) 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: OscarSo_3 (GJ),

Summary by clusters:

There are 2 clusters represented in this pham: EA5, GJ,

Info for manual annotations of cluster EA5:
•Start number 8 was manually annotated 1 time for cluster EA5.

Info for manual annotations of cluster GJ:
•Start number 6 was manually annotated 1 time for cluster GJ.
•Start number 7 was manually annotated 1 time for cluster GJ.
•Start number 10 was manually annotated 1 time for cluster GJ.

Gene Information:

Gene: Alakazam_42 Start: 31276, Stop: 30941, Start Num: 8
Candidate Starts for Alakazam_42:
(Start: 8 @31276 has 1 MA's), (20, 31120), (21, 31099), (23, 31078), (25, 31045), (27, 30994), (29, 30979), (30, 30964),

Gene: Doedicurus_3 Start: 795, Stop: 1181, Start Num: 6
Candidate Starts for Doedicurus_3:
(1, 201), (2, 525), (3, 606), (4, 627), (5, 696), (Start: 6 @795 has 1 MA's), (13, 894), (14, 924), (19, 996), (20, 1008), (24, 1059), (26, 1122), (28, 1137),

Gene: OscarSo_3 Start: 796, Stop: 1203, Start Num: 10
Candidate Starts for OscarSo_3:
(Start: 10 @796 has 1 MA's), (12, 832), (16, 904), (17, 925), (20, 967), (23, 1009), (30, 1120),

Gene: Wyvern_4 Start: 1148, Stop: 1501, Start Num: 7
Candidate Starts for Wyvern_4:
(Start: 7 @1148 has 1 MA's), (Start: 8 @1151 has 1 MA's), (9, 1154), (11, 1184), (15, 1253), (18, 1289), (20, 1319), (22, 1343), (28, 1451), (31, 1481),