Pham 348308


1
3
4
6
7
9
11
12
1: Sandaddy_1
6
9
11
12
2: CatBus_2
2
6
9
11
12
3: ChristmasHams_2 + 1
6
9
12
4: HanShotFirst_2
5
6
9
10
11
12
5: Gachnar_2
6
9
11
12
6: Blackflame_2
6
7
8
13
7: Mabel_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 348308 Report

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

Pham number 348308 has 8 members, 6 are drafts.

Phages represented in each track:
• Track 1 : Sandaddy_1
• Track 2 : CatBus_2
• Track 3 : ChristmasHams_2, Agaliana_2
• Track 4 : HanShotFirst_2
• Track 5 : Gachnar_2
• Track 6 : Blackflame_2
• Track 7 : Mabel_4

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 1 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Agaliana_2, Blackflame_2, CatBus_2, ChristmasHams_2, Gachnar_2, HanShotFirst_2, Sandaddy_1,

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

Genes that do not have the "Most Annotated" start:
• Mabel_4,

Summary by start number:

Start 8:
• Found in 1 of 8 (12.5%) of genes in pham
• Manual Annotations of this start: 1 of 2
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Mabel_4 (A11),

Start 9:
• Found in 7 of 8 (87.5%) of genes in pham
• Manual Annotations of this start: 1 of 2

• Called 100.0% of time when present
• Phage (with cluster) where this start called: Agaliana_2 (A1), Blackflame_2 (A1), CatBus_2 (A1), ChristmasHams_2 (A1), Gachnar_2 (A1), HanShotFirst_2 (A1), Sandaddy_1 (A1),

Summary by clusters:

There are 2 clusters represented in this pham: A1, A11,

Info for manual annotations of cluster A1:
•Start number 9 was manually annotated 1 time for cluster A1.

Info for manual annotations of cluster A11:
•Start number 8 was manually annotated 1 time for cluster A11.

Gene Information:

Gene: Agaliana_2 Start: 958, Stop: 1131, Start Num: 9
Candidate Starts for Agaliana_2:
(2, 787), (6, 835), (Start: 9 @958 has 1 MA's), (11, 1048), (12, 1084),

Gene: Blackflame_2 Start: 840, Stop: 1013, Start Num: 9
Candidate Starts for Blackflame_2:
(6, 717), (Start: 9 @840 has 1 MA's), (11, 930), (12, 966),

Gene: CatBus_2 Start: 873, Stop: 1046, Start Num: 9
Candidate Starts for CatBus_2:
(6, 750), (Start: 9 @873 has 1 MA's), (11, 963), (12, 999),

Gene: ChristmasHams_2 Start: 958, Stop: 1131, Start Num: 9
Candidate Starts for ChristmasHams_2:
(2, 787), (6, 835), (Start: 9 @958 has 1 MA's), (11, 1048), (12, 1084),

Gene: Gachnar_2 Start: 892, Stop: 1065, Start Num: 9
Candidate Starts for Gachnar_2:
(5, 754), (6, 769), (Start: 9 @892 has 1 MA's), (10, 946), (11, 982), (12, 1018),

Gene: HanShotFirst_2 Start: 873, Stop: 1067, Start Num: 9
Candidate Starts for HanShotFirst_2:
(6, 750), (Start: 9 @873 has 1 MA's), (12, 999),

Gene: Mabel_4 Start: 2458, Stop: 2664, Start Num: 8
Candidate Starts for Mabel_4:
(6, 2368), (7, 2401), (Start: 8 @2458 has 1 MA's), (13, 2659),

Gene: Sandaddy_1 Start: 722, Stop: 895, Start Num: 9
Candidate Starts for Sandaddy_1:
(1, 536), (3, 572), (4, 581), (6, 599), (7, 632), (Start: 9 @722 has 1 MA's), (11, 812), (12, 848),