Pham 344785


3
4
5
6
7
8
9
10
11
12
13
14
16
1: Lollipop1437_10 + 1
2
4
5
6
7
9
10
11
12
13
14
15
16
2: Skysand_10 + 1
4
5
6
7
9
10
11
12
13
14
16
3: Patio_11
1
3
4
5
7
9
10
11
12
13
14
16
4: RedRaider_11

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 344785 Report

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

Pham number 344785 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Lollipop1437_10, Ennea_11
• Track 2 : Skysand_10, Float294_10
• Track 3 : Patio_11
• Track 4 : RedRaider_11

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

The start number called the most often in the published annotations is 4, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ennea_11, Float294_10, Lollipop1437_10, Patio_11, RedRaider_11, Skysand_10,

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 4:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ennea_11 (CR3), Float294_10 (CR3), Lollipop1437_10 (CR3), Patio_11 (CR3), RedRaider_11 (CR3), Skysand_10 (CR3),

Summary by clusters:

There is one cluster represented in this pham: CR3

Info for manual annotations of cluster CR3:
•Start number 4 was manually annotated 6 times for cluster CR3.

Gene Information:

Gene: Ennea_11 Start: 6085, Stop: 6513, Start Num: 4
Candidate Starts for Ennea_11:
(3, 6016), (Start: 4 @6085 has 6 MA's), (5, 6133), (6, 6154), (7, 6205), (8, 6223), (9, 6244), (10, 6247), (11, 6253), (12, 6418), (13, 6439), (14, 6448), (16, 6484),

Gene: Float294_10 Start: 5905, Stop: 6345, Start Num: 4
Candidate Starts for Float294_10:
(2, 5761), (Start: 4 @5905 has 6 MA's), (5, 5953), (6, 5974), (7, 6019), (9, 6058), (10, 6061), (11, 6067), (12, 6232), (13, 6253), (14, 6262), (15, 6271), (16, 6316),

Gene: Lollipop1437_10 Start: 6073, Stop: 6501, Start Num: 4
Candidate Starts for Lollipop1437_10:
(3, 6004), (Start: 4 @6073 has 6 MA's), (5, 6121), (6, 6142), (7, 6193), (8, 6211), (9, 6232), (10, 6235), (11, 6241), (12, 6406), (13, 6427), (14, 6436), (16, 6472),

Gene: Patio_11 Start: 6581, Stop: 7021, Start Num: 4
Candidate Starts for Patio_11:
(Start: 4 @6581 has 6 MA's), (5, 6629), (6, 6650), (7, 6695), (9, 6734), (10, 6737), (11, 6743), (12, 6908), (13, 6929), (14, 6938), (16, 6992),

Gene: RedRaider_11 Start: 5995, Stop: 6447, Start Num: 4
Candidate Starts for RedRaider_11:
(1, 5812), (3, 5926), (Start: 4 @5995 has 6 MA's), (5, 6043), (7, 6115), (9, 6154), (10, 6157), (11, 6163), (12, 6328), (13, 6349), (14, 6358), (16, 6418),

Gene: Skysand_10 Start: 5907, Stop: 6347, Start Num: 4
Candidate Starts for Skysand_10:
(2, 5763), (Start: 4 @5907 has 6 MA's), (5, 5955), (6, 5976), (7, 6021), (9, 6060), (10, 6063), (11, 6069), (12, 6234), (13, 6255), (14, 6264), (15, 6273), (16, 6318),