Pham 335677


6
7
8
11
12
13
14
1: Refuge_37
9
10
13
14
15
16
2: EagleEye_37 + 2
1
2
3
4
5
6
13
14
15
3: Darrell_36
6
13
14
15
4: Elephantoon_34

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 335677 Report

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

Pham number 335677 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Refuge_37
• Track 2 : EagleEye_37, Lucyedi_36, PainterBoy_36
• Track 3 : Darrell_36
• Track 4 : Elephantoon_34

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 3 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• EagleEye_37, Lucyedi_36, PainterBoy_36,

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

Genes that do not have the "Most Annotated" start:
• Darrell_36, Elephantoon_34, Refuge_37,

Summary by start number:

Start 6:
• Found in 3 of 6 (50.0%) of genes in pham
• Manual Annotations of this start: 3 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Darrell_36 (A9), Elephantoon_34 (A9), Refuge_37 (A12),

Start 9:
• Found in 3 of 6 (50.0%) of genes in pham
• Manual Annotations of this start: 3 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: EagleEye_37 (A16), Lucyedi_36 (A16), PainterBoy_36 (A16),

Summary by clusters:

There are 3 clusters represented in this pham: A9, A16, A12,

Info for manual annotations of cluster A12:
•Start number 6 was manually annotated 1 time for cluster A12.

Info for manual annotations of cluster A16:
•Start number 9 was manually annotated 3 times for cluster A16.

Info for manual annotations of cluster A9:
•Start number 6 was manually annotated 2 times for cluster A9.

Gene Information:

Gene: Darrell_36 Start: 26884, Stop: 27243, Start Num: 6
Candidate Starts for Darrell_36:
(1, 26740), (2, 26788), (3, 26809), (4, 26812), (5, 26827), (Start: 6 @26884 has 3 MA's), (13, 27061), (14, 27130), (15, 27160),

Gene: EagleEye_37 Start: 25962, Stop: 26318, Start Num: 9
Candidate Starts for EagleEye_37:
(Start: 9 @25962 has 3 MA's), (10, 26031), (13, 26118), (14, 26187), (15, 26220), (16, 26307),

Gene: Elephantoon_34 Start: 25850, Stop: 26209, Start Num: 6
Candidate Starts for Elephantoon_34:
(Start: 6 @25850 has 3 MA's), (13, 26027), (14, 26096), (15, 26126),

Gene: Lucyedi_36 Start: 25963, Stop: 26319, Start Num: 9
Candidate Starts for Lucyedi_36:
(Start: 9 @25963 has 3 MA's), (10, 26032), (13, 26119), (14, 26188), (15, 26221), (16, 26308),

Gene: PainterBoy_36 Start: 25899, Stop: 26255, Start Num: 9
Candidate Starts for PainterBoy_36:
(Start: 9 @25899 has 3 MA's), (10, 25968), (13, 26055), (14, 26124), (15, 26157), (16, 26244),

Gene: Refuge_37 Start: 28291, Stop: 28674, Start Num: 6
Candidate Starts for Refuge_37:
(Start: 6 @28291 has 3 MA's), (7, 28315), (8, 28318), (11, 28387), (12, 28414), (13, 28471), (14, 28540),