Pham 348406


1
2
3
5
9
1: Lyell_32
1
2
3
5
2: RunningBrook_32 + 1
1
2
3
5
6
8
10
12
15
3: Shroomer_35
1
2
3
5
6
7
9
11
14
4: Issa7_31
1
4
5
9
13
5: Mistmere_24

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 348406 Report

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

Pham number 348406 has 6 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Lyell_32
• Track 2 : RunningBrook_32, DustyDino_34
• Track 3 : Shroomer_35
• Track 4 : Issa7_31
• Track 5 : Mistmere_24

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

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

Genes that call this "Most Annotated" start:
• DustyDino_34, Issa7_31, Lyell_32, Mistmere_24, RunningBrook_32, Shroomer_35,

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 1:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DustyDino_34 (ED2), Issa7_31 (ED2), Lyell_32 (ED2), Mistmere_24 (ED3), RunningBrook_32 (ED2), Shroomer_35 (ED2),

Summary by clusters:

There are 2 clusters represented in this pham: ED2, ED3,

Info for manual annotations of cluster ED2:

•Start number 1 was manually annotated 4 times for cluster ED2.

Gene Information:

Gene: DustyDino_34 Start: 9797, Stop: 10087, Start Num: 1
Candidate Starts for DustyDino_34:
(Start: 1 @9797 has 4 MA's), (2, 9839), (3, 9854), (5, 9902),

Gene: Issa7_31 Start: 8719, Stop: 9054, Start Num: 1
Candidate Starts for Issa7_31:
(Start: 1 @8719 has 4 MA's), (2, 8761), (3, 8776), (5, 8824), (6, 8884), (7, 8890), (9, 8929), (11, 8959), (14, 8986),

Gene: Lyell_32 Start: 9375, Stop: 9662, Start Num: 1
Candidate Starts for Lyell_32:
(Start: 1 @9375 has 4 MA's), (2, 9417), (3, 9432), (5, 9480), (9, 9585),

Gene: Mistmere_24 Start: 6963, Stop: 7265, Start Num: 1
Candidate Starts for Mistmere_24:
(Start: 1 @6963 has 4 MA's), (4, 7059), (5, 7068), (9, 7173), (13, 7224),

Gene: RunningBrook_32 Start: 9797, Stop: 10087, Start Num: 1
Candidate Starts for RunningBrook_32:
(Start: 1 @9797 has 4 MA's), (2, 9839), (3, 9854), (5, 9902),

Gene: Shroomer_35 Start: 9289, Stop: 9615, Start Num: 1
Candidate Starts for Shroomer_35:
(Start: 1 @9289 has 4 MA's), (2, 9331), (3, 9346), (5, 9394), (6, 9454), (8, 9481), (10, 9505), (12, 9541), (15, 9577),