Pham 348424


6
8
10
1: Ellewin_122
2
5
7
8
9
11
2: GoldenEssence_121
1
4
6
8
3: SJReid_138
3
6
8
4: Chilliams_132
2
5
7
8
9
11
5: FloraSnap32_132

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 348424 Report

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

Pham number 348424 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Ellewin_122
• Track 2 : GoldenEssence_121
• Track 3 : SJReid_138
• Track 4 : Chilliams_132
• Track 5 : FloraSnap32_132

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

The start number called the most often in the published annotations is 6, it was called in 1 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Chilliams_132, Ellewin_122,

Genes that have the "Most Annotated" start but do not call it:
• SJReid_138,

Genes that do not have the "Most Annotated" start:
• FloraSnap32_132, GoldenEssence_121,

Summary by start number:

Start 2:
• Found in 2 of 5 (40.0%) 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: GoldenEssence_121 (FC),

Start 4:
• Found in 1 of 5 (20.0%) 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: SJReid_138 (FC),

Start 5:
• Found in 2 of 5 (40.0%) 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: FloraSnap32_132 (FC),

Start 6:
• Found in 3 of 5 (60.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Chilliams_132 (FC), Ellewin_122 (FC),

Summary by clusters:

There is one cluster represented in this pham: FC

Info for manual annotations of cluster FC:
•Start number 2 was manually annotated 1 time for cluster FC.
•Start number 4 was manually annotated 1 time for cluster FC.
•Start number 5 was manually annotated 1 time for cluster FC.
•Start number 6 was manually annotated 1 time for cluster FC.

Gene Information:

Gene: Chilliams_132 Start: 87189, Stop: 87329, Start Num: 6
Candidate Starts for Chilliams_132:
(3, 87132), (Start: 6 @87189 has 1 MA's), (8, 87243),

Gene: Ellewin_122 Start: 92041, Stop: 92181, Start Num: 6
Candidate Starts for Ellewin_122:
(Start: 6 @92041 has 1 MA's), (8, 92095), (10, 92164),

Gene: FloraSnap32_132 Start: 95259, Stop: 95417, Start Num: 5
Candidate Starts for FloraSnap32_132:
(Start: 2 @95229 has 1 MA's), (Start: 5 @95259 has 1 MA's), (7, 95307), (8, 95328), (9, 95343), (11, 95406),

Gene: GoldenEssence_121 Start: 90144, Stop: 90332, Start Num: 2
Candidate Starts for GoldenEssence_121:
(Start: 2 @90144 has 1 MA's), (Start: 5 @90174 has 1 MA's), (7, 90222), (8, 90243), (9, 90258), (11, 90321),

Gene: SJReid_138 Start: 87435, Stop: 87629, Start Num: 4
Candidate Starts for SJReid_138:
(1, 87396), (Start: 4 @87435 has 1 MA's), (Start: 6 @87486 has 1 MA's), (8, 87540),