Pham 200944


2
3
6
1: TurboVicky_34 + 1
3
4
5
6
2: Sucha_31 + 1
2
3
4
5
6
3: FireCastle_34
3
4
6
4: Milani_34
1
3
4
5
6
5: Benry_33

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 200944 Report

This analysis was run 01/18/25 on database version 583.

Pham number 200944 has 7 members, 1 are drafts.

Phages represented in each track:
• Track 1 : TurboVicky_34, Jera_35
• Track 2 : Sucha_31, IndiRoo_35
• Track 3 : FireCastle_34
• Track 4 : Milani_34
• Track 5 : Benry_33

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

The start number called the most often in the published annotations is 3, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Benry_33, FireCastle_34, IndiRoo_35, Jera_35, Milani_34, Sucha_31, TurboVicky_34,

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 3:
• Found in 7 of 7 (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: Benry_33 (EJ), FireCastle_34 (EJ), IndiRoo_35 (EJ), Jera_35 (EJ), Milani_34 (EJ), Sucha_31 (EJ), TurboVicky_34 (EJ),

Summary by clusters:

There is one cluster represented in this pham: EJ

Info for manual annotations of cluster EJ:
•Start number 3 was manually annotated 6 times for cluster EJ.

Gene Information:

Gene: Benry_33 Start: 22963, Stop: 23190, Start Num: 3
Candidate Starts for Benry_33:
(1, 22927), (Start: 3 @22963 has 6 MA's), (4, 23047), (5, 23104), (6, 23146),

Gene: FireCastle_34 Start: 24672, Stop: 24887, Start Num: 3
Candidate Starts for FireCastle_34:
(2, 24660), (Start: 3 @24672 has 6 MA's), (4, 24744), (5, 24801), (6, 24843),

Gene: IndiRoo_35 Start: 23170, Stop: 23397, Start Num: 3
Candidate Starts for IndiRoo_35:
(Start: 3 @23170 has 6 MA's), (4, 23254), (5, 23311), (6, 23353),

Gene: Jera_35 Start: 23971, Stop: 24192, Start Num: 3
Candidate Starts for Jera_35:
(2, 23959), (Start: 3 @23971 has 6 MA's), (6, 24145),

Gene: Milani_34 Start: 23640, Stop: 23867, Start Num: 3
Candidate Starts for Milani_34:
(Start: 3 @23640 has 6 MA's), (4, 23724), (6, 23823),

Gene: Sucha_31 Start: 22132, Stop: 22359, Start Num: 3
Candidate Starts for Sucha_31:
(Start: 3 @22132 has 6 MA's), (4, 22216), (5, 22273), (6, 22315),

Gene: TurboVicky_34 Start: 24719, Stop: 24940, Start Num: 3
Candidate Starts for TurboVicky_34:
(2, 24707), (Start: 3 @24719 has 6 MA's), (6, 24893),