Pham 213319

1: Targaryen_128 + 3

2: EGole_131

3: Daubenski_127

4: Riptide_127

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 213319 Report

This analysis was run 02/22/25 on database version 588.

Pham number 213319 has 7 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Targaryen_128, Warpy_131, Evy_125, Jay2Jay_132
• Track 2 : EGole_131
• Track 3 : Daubenski_127
• Track 4 : Riptide_127

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

The start number called the most often in the published annotations is 2, it was called in 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Daubenski_127, EGole_131, Evy_125, Jay2Jay_132, Riptide_127, Targaryen_128, Warpy_131,

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 2:
• 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: Daubenski_127 (BE1), EGole_131 (BE1), Evy_125 (BE1), Jay2Jay_132 (BE1), Riptide_127 (BE1), Targaryen_128 (BE1), Warpy_131 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Info for manual annotations of cluster BE1:
•Start number 2 was manually annotated 6 times for cluster BE1.

Gene Information:

Gene: Daubenski_127 Start: 83815, Stop: 84021, Start Num: 2
Candidate Starts for Daubenski_127:
(1, 83773), (Start: 2 @83815 has 6 MA's), (3, 83860), (4, 83881), (5, 83899),

Gene: EGole_131 Start: 85416, Stop: 85622, Start Num: 2
Candidate Starts for EGole_131:
(1, 85374), (Start: 2 @85416 has 6 MA's), (3, 85461), (5, 85500),

Gene: Evy_125 Start: 84142, Stop: 84348, Start Num: 2
Candidate Starts for Evy_125:
(1, 84100), (Start: 2 @84142 has 6 MA's), (3, 84187), (6, 84283), (8, 84337),

Gene: Jay2Jay_132 Start: 84980, Stop: 85186, Start Num: 2
Candidate Starts for Jay2Jay_132:
(1, 84938), (Start: 2 @84980 has 6 MA's), (3, 85025), (6, 85121), (8, 85175),

Gene: Riptide_127 Start: 81546, Stop: 81752, Start Num: 2
Candidate Starts for Riptide_127:
(Start: 2 @81546 has 6 MA's), (7, 81699),

Gene: Targaryen_128 Start: 85122, Stop: 85328, Start Num: 2
Candidate Starts for Targaryen_128:
(1, 85080), (Start: 2 @85122 has 6 MA's), (3, 85167), (6, 85263), (8, 85317),

Gene: Warpy_131 Start: 84634, Stop: 84840, Start Num: 2
Candidate Starts for Warpy_131:
(1, 84592), (Start: 2 @84634 has 6 MA's), (3, 84679), (6, 84775), (8, 84829),