Pham 71147

1: Lululemon_266 + 3

2: PacManQ_16 + 1
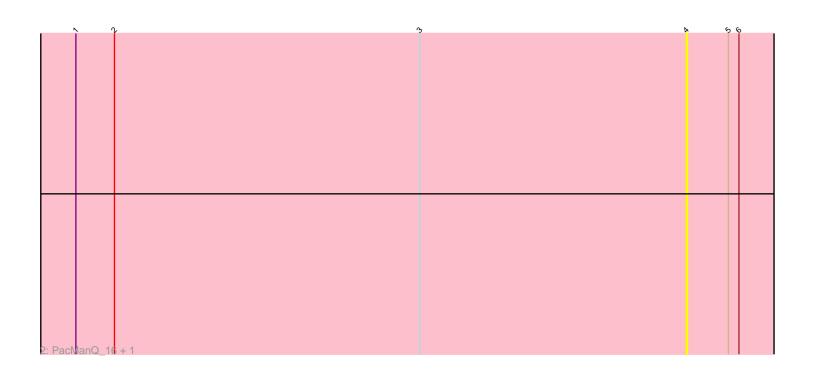
Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 71147 Report

This analysis was run 04/28/24 on database version 559.

Pham number 71147 has 6 members, 6 are drafts.

Phages represented in each track:
• Track 1 : Lululemon_266, Lululemon_16, Larnav_18, Larnav_277
• Track 2 : PacManQ_16, PacManQ_267

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

This pham is comprised of all draft annotations. There are no annotations to summarize.
Summary by start number:

Start 4:
• Found in 6 of 6 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: PacManQ_16 (BE1), PacManQ_267 (BE1),

Start 6:
• Found in 6 of 6 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Larnav_18 (BE1), Larnav_277 (BE1), Lululemon_16 (BE1), Lululemon_266 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Gene Information:

Gene: Larnav_18 Start: 7556, Stop: 7747, Start Num: 6
Candidate Starts for Larnav_18:
(1, 6989), (2, 7022), (3, 7283), (4, 7511), (5, 7547), (6, 7556),

Gene: Larnav_277 Start: 129561, Stop: 129752, Start Num: 6
Candidate Starts for Larnav_277:
(1, 128994), (2, 129027), (3, 129288), (4, 129516), (5, 129552), (6, 129561),

Gene: Lululemon_266 Start: 127828, Stop: 128019, Start Num: 6
Candidate Starts for Lululemon_266:
(1, 127261), (2, 127294), (3, 127555), (4, 127783), (5, 127819), (6, 127828),

Gene: Lululemon_16 Start: 6936, Stop: 7127, Start Num: 6
Candidate Starts for Lululemon_16:
(1, 6369), (2, 6402), (3, 6663), (4, 6891), (5, 6927), (6, 6936),

Gene: PacManQ_16 Start: 6891, Stop: 7127, Start Num: 4
Candidate Starts for PacManQ_16:
(1, 6369), (2, 6402), (3, 6663), (4, 6891), (5, 6927), (6, 6936),

Gene: PacManQ_267 Start: 127783, Stop: 128019, Start Num: 4
Candidate Starts for PacManQ_267:
(1, 127261), (2, 127294), (3, 127555), (4, 127783), (5, 127819), (6, 127828),