

A diagram consisting of a 2x4 grid of pink rectangular cells. The grid is defined by a horizontal black line in the middle and three vertical lines: a thick green line, a thin red line, and a thin blue line. The green line is the leftmost vertical line, the red line is the second from the left, and the blue line is the third from the left. The rightmost vertical line is the right edge of the grid. Small black arrows point to the top of each vertical line: the green line has an arrow pointing left, the red line has an arrow pointing right, and the blue line has an arrow pointing left.

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 292025 Report

This analysis was run 03/28/26 on database version 641.

Pham number 292025 has 3 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Button_64, Jamzy_68, GiKK_68

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 3 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Button_64, GiKK_68, Jamzy_68,

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 3 of 3 (100.0%) of genes in pham
- Manual Annotations of this start: 3 of 3
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Button_64 (CT), GiKK_68 (CT), Jamzy_68 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

Info for manual annotations of cluster CT:

- Start number 1 was manually annotated 3 times for cluster CT.

Gene Information:

Gene: Button_64 Start: 43654, Stop: 43752, Start Num: 1
Candidate Starts for Button_64:
(Start: 1 @43654 has 3 MA's), (2, 43675), (3, 43693),

Gene: GiKK_68 Start: 44943, Stop: 45041, Start Num: 1
Candidate Starts for GiKK_68:
(Start: 1 @44943 has 3 MA's), (2, 44964), (3, 44982),

Gene: Jamzy_68 Start: 44679, Stop: 44777, Start Num: 1
Candidate Starts for Jamzy_68:
(Start: 1 @44679 has 3 MA's), (2, 44700), (3, 44718),