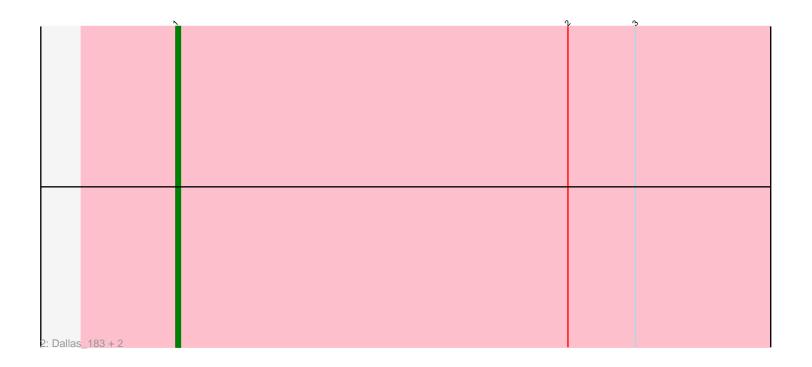
	 V	b
4 DAIKA 400 4		
1: BAKA_189 + 4		



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 6337 Report

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

Pham number 6337 has 8 members, 0 are drafts.

Phages represented in each track:

Track 1: BAKA_189, Beem_184, Wanda_180, Klein_187, Optimus_181

Track 2 : Dallas_183, Kalah2_180, Minerva_183

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

• BAKA_189, Beem_184, Dallas_183, Kalah2_180, Klein_187, Minerva_183, Optimus_181, Wanda_180,

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 8 of 8 (100.0%) of genes in pham
- Manual Annotations of this start: 8 of 8
- Called 100.0% of time when present
- Phage (with cluster) where this start called: BAKA_189 (J), Beem_184 (J), Dallas_183 (J), Kalah2_180 (J), Klein_187 (J), Minerva_183 (J), Optimus_181 (J), Wanda_180 (J),

Summary by clusters:

There is one cluster represented in this pham: J

Info for manual annotations of cluster J:

•Start number 1 was manually annotated 8 times for cluster J.

Gene Information:

Gene: BAKA_189 Start: 95542, Stop: 95820, Start Num: 1

Candidate Starts for BAKA_189:

(Start: 1 @95542 has 8 MA's), (2, 95629), (3, 95644),

Gene: Beem_184 Start: 94697, Stop: 94975, Start Num: 1

Candidate Starts for Beem 184:

(Start: 1 @94697 has 8 MA's), (2, 94784), (3, 94799),

Gene: Dallas_183 Start: 93919, Stop: 94197, Start Num: 1

Candidate Starts for Dallas_183:

(Start: 1 @93919 has 8 MA's), (2, 94006), (3, 94021),

Gene: Kalah2_180 Start: 94989, Stop: 95267, Start Num: 1

Candidate Starts for Kalah2_180:

(Start: 1 @94989 has 8 MA's), (2, 95076), (3, 95091),

Gene: Klein_187 Start: 93433, Stop: 93711, Start Num: 1

Candidate Starts for Klein_187:

(Start: 1 @93433 has 8 MA's), (2, 93520), (3, 93535),

Gene: Minerva_183 Start: 93069, Stop: 93347, Start Num: 1

Candidate Starts for Minerva 183:

(Start: 1 @93069 has 8 MA's), (2, 93156), (3, 93171),

Gene: Optimus_181 Start: 93985, Stop: 94263, Start Num: 1

Candidate Starts for Optimus_181:

(Start: 1 @ 93985 has 8 MA's), (2, 94072), (3, 94087),

Gene: Wanda_180 Start: 91082, Stop: 91360, Start Num: 1

Candidate Starts for Wanda 180:

(Start: 1 @91082 has 8 MA's), (2, 91169), (3, 91184),