



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 193060 Report

This analysis was run 11/02/24 on database version 579.

Pham number 193060 has 11 members, 2 are drafts.

Phages represented in each track:

- Track 1 : Karkharias_5, Bridgette_5
- Track 2 : Eileen_5, Peas_5, KayMoney_5, Constance_5, Judy_5, PeggyLeg03_5, ChuckDuck_5
- Track 3 : GlobiWarming_5
- Track 4 : Pucara_5

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 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Bridgette_5, ChuckDuck_5, Constance_5, Eileen_5, GlobiWarming_5, Judy_5, Karkharias_5, KayMoney_5, Peas_5, PeggyLeg03_5, Pucara_5,

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 11 of 11 (100.0%) of genes in pham
- Manual Annotations of this start: 9 of 9
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bridgette_5 (FA), ChuckDuck_5 (FA), Constance_5 (FA), Eileen_5 (FA), GlobiWarming_5 (FA), Judy_5 (FA), Karkharias_5 (FA), KayMoney_5 (FA), Peas_5 (FA), PeggyLeg03_5 (FA), Pucara_5 (FA),

Summary by clusters:

There is one cluster represented in this pham: FA

Info for manual annotations of cluster FA:

•Start number 3 was manually annotated 9 times for cluster FA.

Gene Information:

Gene: Bridgette_5 Start: 5076, Stop: 5570, Start Num: 3

Candidate Starts for Bridgette_5:

(Start: 3 @5076 has 9 MA's), (5, 5457), (6, 5532),

Gene: ChuckDuck_5 Start: 5037, Stop: 5531, Start Num: 3

Candidate Starts for ChuckDuck_5:

(Start: 3 @5037 has 9 MA's), (6, 5493),

Gene: Constance_5 Start: 5077, Stop: 5574, Start Num: 3

Candidate Starts for Constance_5:

(Start: 3 @5077 has 9 MA's), (6, 5536),

Gene: Eileen_5 Start: 5037, Stop: 5534, Start Num: 3

Candidate Starts for Eileen_5:

(Start: 3 @5037 has 9 MA's), (6, 5496),

Gene: GlobiWarming_5 Start: 5032, Stop: 5529, Start Num: 3

Candidate Starts for GlobiWarming_5:

(1, 4891), (2, 4900), (Start: 3 @5032 has 9 MA's), (6, 5491),

Gene: Judy_5 Start: 5076, Stop: 5573, Start Num: 3

Candidate Starts for Judy_5:

(Start: 3 @5076 has 9 MA's), (6, 5535),

Gene: Karkharias_5 Start: 5037, Stop: 5531, Start Num: 3

Candidate Starts for Karkharias_5:

(Start: 3 @5037 has 9 MA's), (5, 5418), (6, 5493),

Gene: KayMoney_5 Start: 5037, Stop: 5531, Start Num: 3

Candidate Starts for KayMoney_5:

(Start: 3 @5037 has 9 MA's), (6, 5493),

Gene: Peas_5 Start: 5037, Stop: 5534, Start Num: 3

Candidate Starts for Peas_5:

(Start: 3 @5037 has 9 MA's), (6, 5496),

Gene: PeggyLeg03_5 Start: 5077, Stop: 5574, Start Num: 3

Candidate Starts for PeggyLeg03_5:

(Start: 3 @5077 has 9 MA's), (6, 5536),

Gene: Pucara_5 Start: 5039, Stop: 5533, Start Num: 3

Candidate Starts for Pucara_5:

(Start: 3 @5039 has 9 MA's), (4, 5318), (6, 5495),