



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 5179 Report

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

Pham number 5179 has 11 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Trustiboi_72, Tatanka_68
- Track 2 : Niktson_74, Brunswick_72, Teacup_75, ElephantMan_74, Nightmare_75
- Track 3 : ScienceWizSam_75
- Track 4 : DevitoJr_73
- Track 5 : Synepsis_69, Breylor17_70

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 10 of the 10 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Breylor17_70, Brunswick_72, DevitoJr_73, ElephantMan_74, Nightmare_75, Niktson_74, ScienceWizSam_75, Synepsis_69, Tatanka_68, Teacup_75, Trustiboi_72,

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 11 of 11 (100.0%) of genes in pham
- Manual Annotations of this start: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Breylor17_70 (AU1), Brunswick_72 (AU1), DevitoJr_73 (AU1), ElephantMan_74 (AU1), Nightmare_75 (AU1), Niktson_74 (AU1), ScienceWizSam_75 (AU1), Synepsis_69 (AU1), Tatanka_68 (AU1), Teacup_75 (AU1), Trustiboi_72 (AU1),

Summary by clusters:

There is one cluster represented in this pham: AU1

Info for manual annotations of cluster AU1:

- Start number 1 was manually annotated 10 times for cluster AU1.

Gene Information:

Gene: Breylor17_70 Start: 50018, Stop: 50152, Start Num: 1

Candidate Starts for Breylor17_70:

(Start: 1 @50018 has 10 MA's), (3, 50123),

Gene: Brunswick_72 Start: 49753, Stop: 49887, Start Num: 1

Candidate Starts for Brunswick_72:

(Start: 1 @49753 has 10 MA's), (2, 49771),

Gene: DevitoJr_73 Start: 49573, Stop: 49707, Start Num: 1

Candidate Starts for DevitoJr_73:

(Start: 1 @49573 has 10 MA's),

Gene: ElephantMan_74 Start: 50347, Stop: 50481, Start Num: 1

Candidate Starts for ElephantMan_74:

(Start: 1 @50347 has 10 MA's), (2, 50365),

Gene: Nightmare_75 Start: 50514, Stop: 50648, Start Num: 1

Candidate Starts for Nightmare_75:

(Start: 1 @50514 has 10 MA's), (2, 50532),

Gene: Niktson_74 Start: 50347, Stop: 50481, Start Num: 1

Candidate Starts for Niktson_74:

(Start: 1 @50347 has 10 MA's), (2, 50365),

Gene: ScienceWizSam_75 Start: 49745, Stop: 49879, Start Num: 1

Candidate Starts for ScienceWizSam_75:

(Start: 1 @49745 has 10 MA's),

Gene: Synepsis_69 Start: 49555, Stop: 49689, Start Num: 1

Candidate Starts for Synepsis_69:

(Start: 1 @49555 has 10 MA's), (3, 49660),

Gene: Tatanka_68 Start: 49733, Stop: 49867, Start Num: 1

Candidate Starts for Tatanka_68:

(Start: 1 @49733 has 10 MA's), (3, 49838),

Gene: Teacup_75 Start: 50405, Stop: 50539, Start Num: 1

Candidate Starts for Teacup_75:

(Start: 1 @50405 has 10 MA's), (2, 50423),

Gene: Trustiboi_72 Start: 49836, Stop: 49970, Start Num: 1

Candidate Starts for Trustiboi_72:

(Start: 1 @49836 has 10 MA's), (3, 49941),

