



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 8781 Report

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

Pham number 8781 has 10 members, 5 are drafts.

Phages represented in each track:

- Track 1 : Blab_1, Viceroy_1, Sillytadpoles_2, Kyva_2, Lonelysoil_1, Wheelie_1, Llemily_2, StrawberryJamm_1, Zhafia_2, DonaldDuck_2

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 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Blab_1, DonaldDuck_2, Kyva_2, Llemily_2, Lonelysoil_1, Sillytadpoles_2, StrawberryJamm_1, Viceroy_1, Wheelie_1, Zhafia_2,

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 10 of 10 (100.0%) of genes in pham
- Manual Annotations of this start: 5 of 5
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Blab_1 (EG), DonaldDuck_2 (EG), Kyva_2 (EG), Llemily_2 (EG), Lonelysoil_1 (EG), Sillytadpoles_2 (EG), StrawberryJamm_1 (EG), Viceroy_1 (EG), Wheelie_1 (EG), Zhafia_2 (EG),

Summary by clusters:

There is one cluster represented in this pham: EG

Info for manual annotations of cluster EG:

- Start number 1 was manually annotated 5 times for cluster EG.

Gene Information:

Gene: Blab_1 Start: 671, Stop: 576, Start Num: 1

Candidate Starts for Blab_1:

(Start: 1 @671 has 5 MA's), (2, 626),

Gene: DonaldDuck_2 Start: 668, Stop: 573, Start Num: 1

Candidate Starts for DonaldDuck_2:

(Start: 1 @668 has 5 MA's), (2, 623),

Gene: Kyva_2 Start: 668, Stop: 573, Start Num: 1

Candidate Starts for Kyva_2:

(Start: 1 @668 has 5 MA's), (2, 623),

Gene: Llemily_2 Start: 669, Stop: 574, Start Num: 1

Candidate Starts for Llemily_2:

(Start: 1 @669 has 5 MA's), (2, 624),

Gene: Lonelysoil_1 Start: 668, Stop: 573, Start Num: 1

Candidate Starts for Lonelysoil_1:

(Start: 1 @668 has 5 MA's), (2, 623),

Gene: Sillytadpoles_2 Start: 671, Stop: 576, Start Num: 1

Candidate Starts for Sillytadpoles_2:

(Start: 1 @671 has 5 MA's), (2, 626),

Gene: StrawberryJamm_1 Start: 667, Stop: 572, Start Num: 1

Candidate Starts for StrawberryJamm_1:

(Start: 1 @667 has 5 MA's), (2, 622),

Gene: Viceroy_1 Start: 673, Stop: 578, Start Num: 1

Candidate Starts for Viceroy_1:

(Start: 1 @673 has 5 MA's), (2, 628),

Gene: Wheelie_1 Start: 668, Stop: 573, Start Num: 1

Candidate Starts for Wheelie_1:

(Start: 1 @668 has 5 MA's), (2, 623),

Gene: Zhafia_2 Start: 668, Stop: 573, Start Num: 1

Candidate Starts for Zhafia_2:

(Start: 1 @668 has 5 MA's), (2, 623),