



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 5945 Report

This analysis was run 07/09/24 on database version 566.

Pham number 5945 has 10 members, 0 are drafts.

Phages represented in each track:

- Track 1 : Mynx_39, Zavala_39
- Track 2 : Illumine_39, DrHayes_39, Dole_39, Devera_40, SamuelLPlaqson_39, TiniBug_39, Urkel_39
- Track 3 : Anaya_39

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:

- Anaya_39, Devera_40, Dole_39, DrHayes_39, Illumine_39, Mynx_39, SamuelLPlaqson_39, TiniBug_39, Urkel_39, Zavala_39,

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: 10 of 10
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Anaya_39 (K1), Devera_40 (K1), Dole_39 (K1), DrHayes_39 (K1), Illumine_39 (K1), Mynx_39 (K1), SamuelLPlaqson_39 (K1), TiniBug_39 (K1), Urkel_39 (K1), Zavala_39 (K1),

Summary by clusters:

There is one cluster represented in this pham: K1

Info for manual annotations of cluster K1:

•Start number 1 was manually annotated 10 times for cluster K1.

Gene Information:

Gene: Anaya_39 Start: 30568, Stop: 30846, Start Num: 1

Candidate Starts for Anaya_39:

(Start: 1 @30568 has 10 MA's), (2, 30703), (4, 30715), (5, 30787),

Gene: Devera_40 Start: 30702, Stop: 30980, Start Num: 1

Candidate Starts for Devera_40:

(Start: 1 @30702 has 10 MA's), (3, 30840), (4, 30849), (5, 30921),

Gene: Dole_39 Start: 30704, Stop: 30982, Start Num: 1

Candidate Starts for Dole_39:

(Start: 1 @30704 has 10 MA's), (3, 30842), (4, 30851), (5, 30923),

Gene: DrHayes_39 Start: 31412, Stop: 31690, Start Num: 1

Candidate Starts for DrHayes_39:

(Start: 1 @31412 has 10 MA's), (3, 31550), (4, 31559), (5, 31631),

Gene: Illumine_39 Start: 30704, Stop: 30982, Start Num: 1

Candidate Starts for Illumine_39:

(Start: 1 @30704 has 10 MA's), (3, 30842), (4, 30851), (5, 30923),

Gene: Mynx_39 Start: 30831, Stop: 31109, Start Num: 1

Candidate Starts for Mynx_39:

(Start: 1 @30831 has 10 MA's), (5, 31050),

Gene: SamuelLPlaqson_39 Start: 31412, Stop: 31690, Start Num: 1

Candidate Starts for SamuelLPlaqson_39:

(Start: 1 @31412 has 10 MA's), (3, 31550), (4, 31559), (5, 31631),

Gene: TiniBug_39 Start: 31408, Stop: 31686, Start Num: 1

Candidate Starts for TiniBug_39:

(Start: 1 @31408 has 10 MA's), (3, 31546), (4, 31555), (5, 31627),

Gene: Urkel_39 Start: 31412, Stop: 31690, Start Num: 1

Candidate Starts for Urkel_39:

(Start: 1 @31412 has 10 MA's), (3, 31550), (4, 31559), (5, 31631),

Gene: Zavala_39 Start: 30791, Stop: 31069, Start Num: 1

Candidate Starts for Zavala_39:

(Start: 1 @30791 has 10 MA's), (5, 31010),