



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 87415 Report

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

Pham number 87415 has 11 members, 0 are drafts.

Phages represented in each track:

- Track 1 : SlimJimmy_94, Glaske16_95, IPhane7_92, Skinny_97, LilhomieP_93, Diminimus_95, PegLeg_94, TyDawg_93, Bricole_92, Dulcita_95
- Track 2 : Reindeer_95

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Bricole_92, Diminimus_95, Dulcita_95, Glaske16_95, IPhane7_92, LilhomieP_93, PegLeg_94, Reindeer_95, Skinny_97, SlimJimmy_94, TyDawg_93,

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: 11 of 11
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Bricole_92 (M1), Diminimus_95 (M1), Dulcita_95 (M1), Glaske16_95 (M1), IPhane7_92 (M1), LilhomieP_93 (M1), PegLeg_94 (M1), Reindeer_95 (M1), Skinny_97 (M1), SlimJimmy_94 (M1), TyDawg_93 (M1),

Summary by clusters:

There is one cluster represented in this pham: M1

Info for manual annotations of cluster M1:

- Start number 1 was manually annotated 11 times for cluster M1.

Gene Information:

Gene: Bricole_92 Start: 55709, Stop: 55852, Start Num: 1

Candidate Starts for Bricole_92:

(Start: 1 @55709 has 11 MA's), (2, 55745), (4, 55796),

Gene: Diminimus_95 Start: 55940, Stop: 56083, Start Num: 1

Candidate Starts for Diminimus_95:

(Start: 1 @55940 has 11 MA's), (2, 55976), (4, 56027),

Gene: Dulcita_95 Start: 55941, Stop: 56084, Start Num: 1

Candidate Starts for Dulcita_95:

(Start: 1 @55941 has 11 MA's), (2, 55977), (4, 56028),

Gene: Glaske16_95 Start: 56113, Stop: 56256, Start Num: 1

Candidate Starts for Glaske16_95:

(Start: 1 @56113 has 11 MA's), (2, 56149), (4, 56200),

Gene: IPhone7_92 Start: 55945, Stop: 56088, Start Num: 1

Candidate Starts for IPhone7_92:

(Start: 1 @55945 has 11 MA's), (2, 55981), (4, 56032),

Gene: LilhomieP_93 Start: 56424, Stop: 56567, Start Num: 1

Candidate Starts for LilhomieP_93:

(Start: 1 @56424 has 11 MA's), (2, 56460), (4, 56511),

Gene: PegLeg_94 Start: 55684, Stop: 55827, Start Num: 1

Candidate Starts for PegLeg_94:

(Start: 1 @55684 has 11 MA's), (2, 55720), (4, 55771),

Gene: Reindeer_95 Start: 57377, Stop: 57520, Start Num: 1

Candidate Starts for Reindeer_95:

(Start: 1 @57377 has 11 MA's), (2, 57413), (3, 57449), (4, 57464),

Gene: Skinny_97 Start: 56853, Stop: 56996, Start Num: 1

Candidate Starts for Skinny_97:

(Start: 1 @56853 has 11 MA's), (2, 56889), (4, 56940),

Gene: SlimJimmy_94 Start: 57092, Stop: 57235, Start Num: 1

Candidate Starts for SlimJimmy_94:

(Start: 1 @57092 has 11 MA's), (2, 57128), (4, 57179),

Gene: TyDawg_93 Start: 55948, Stop: 56091, Start Num: 1

Candidate Starts for TyDawg_93:

(Start: 1 @55948 has 11 MA's), (2, 55984), (4, 56035),