



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 309591 Report

This analysis was run 09/05/26 on database version 662.

Pham number 309591 has 12 members, 7 are drafts.

Phages represented in each track:

- Track 1 : BlackHoleSun_10
- Track 2 : BarbieDoll_9
- Track 3 : PoeMe_9
- Track 4 : Ezurina_43
- Track 5 : CardboardBox_45, AnnabelLee_44, ChamoyPickle_46, Gerri43_44, Neuville_44, Roberts_44, ChipsNGuac_44
- Track 6 : Studio_46

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 4, it was called in 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- AnnabelLee_44, BarbieDoll_9, BlackHoleSun_10, CardboardBox_45, ChamoyPickle_46, ChipsNGuac_44, Ezurina_43, Gerri43_44, Neuville_44, PoeMe_9, Roberts_44, Studio_46,

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 4:

- Found in 12 of 12 (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: AnnabelLee_44 (FR), BarbieDoll_9 (AU6), BlackHoleSun_10 (AU6), CardboardBox_45 (FR), ChamoyPickle_46 (FR), ChipsNGuac_44 (FR), Ezurina_43 (FR), Gerri43_44 (FR), Neuville_44 (FR), PoeMe_9 (AU6), Roberts_44 (FR), Studio_46 (FR),

Summary by clusters:

There are 2 clusters represented in this pham: FR, AU6,

Info for manual annotations of cluster AU6:

- Start number 4 was manually annotated 1 time for cluster AU6.

Info for manual annotations of cluster FR:

- Start number 4 was manually annotated 4 times for cluster FR.

Gene Information:

Gene: AnnabelLee_44 Start: 30062, Stop: 29934, Start Num: 4

Candidate Starts for AnnabelLee_44:

(Start: 4 @30062 has 5 MA's),

Gene: BarbieDoll_9 Start: 5296, Stop: 5409, Start Num: 4

Candidate Starts for BarbieDoll_9:

(2, 5239), (Start: 4 @5296 has 5 MA's),

Gene: BlackHoleSun_10 Start: 5353, Stop: 5511, Start Num: 4

Candidate Starts for BlackHoleSun_10:

(2, 5296), (Start: 4 @5353 has 5 MA's), (5, 5500),

Gene: CardboardBox_45 Start: 30065, Stop: 29937, Start Num: 4

Candidate Starts for CardboardBox_45:

(Start: 4 @30065 has 5 MA's),

Gene: ChamoyPickle_46 Start: 30605, Stop: 30477, Start Num: 4

Candidate Starts for ChamoyPickle_46:

(Start: 4 @30605 has 5 MA's),

Gene: ChipsNGuac_44 Start: 30065, Stop: 29937, Start Num: 4

Candidate Starts for ChipsNGuac_44:

(Start: 4 @30065 has 5 MA's),

Gene: Ezurina_43 Start: 31149, Stop: 31021, Start Num: 4

Candidate Starts for Ezurina_43:

(3, 31194), (Start: 4 @31149 has 5 MA's),

Gene: Gerri43_44 Start: 30065, Stop: 29937, Start Num: 4

Candidate Starts for Gerri43_44:

(Start: 4 @30065 has 5 MA's),

Gene: Neuville_44 Start: 30065, Stop: 29937, Start Num: 4

Candidate Starts for Neuville_44:

(Start: 4 @30065 has 5 MA's),

Gene: PoeMe_9 Start: 5289, Stop: 5447, Start Num: 4

Candidate Starts for PoeMe_9:

(Start: 4 @5289 has 5 MA's), (5, 5436),

Gene: Roberts_44 Start: 30065, Stop: 29937, Start Num: 4

Candidate Starts for Roberts_44:

(Start: 4 @30065 has 5 MA's),

Gene: Studio_46 Start: 31419, Stop: 31291, Start Num: 4

Candidate Starts for Studio_46:

(1, 31485), (Start: 4 @31419 has 5 MA's),