



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 225158 Report

This analysis was run 03/28/25 on database version 593.

Pham number 225158 has 8 members, 8 are drafts.

Phages represented in each track:

- Track 1 : Chilliams_49, Rockabye_51
- Track 2 : Ellewin_41, KSunshine22_43, DunneganBoMo_44, WaddleDee_44
- Track 3 : SJReid_55
- Track 4 : Panchaali_46

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

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 3:

- Found in 8 of 8 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 87.5% of time when present
- Phage (with cluster) where this start called: Chilliams_49 (FC), DunneganBoMo_44 (FC), Ellewin_41 (FC), KSunshine22_43 (FC), Rockabye_51 (FC), SJReid_55 (FC), WaddleDee_44 (FC),

Start 5:

- Found in 8 of 8 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 12.5% of time when present
- Phage (with cluster) where this start called: Panchaali_46 (FC),

Summary by clusters:

There is one cluster represented in this pham: FC

Gene Information:

Gene: Chilliams_49 Start: 21829, Stop: 22155, Start Num: 3

Candidate Starts for Chilliams_49:

(3, 21829), (5, 21895),

Gene: DunneganBoMo_44 Start: 17038, Stop: 17346, Start Num: 3

Candidate Starts for DunneganBoMo_44:

(1, 17005), (2, 17011), (3, 17038), (5, 17104), (6, 17107),

Gene: Ellewin_41 Start: 16597, Stop: 16905, Start Num: 3

Candidate Starts for Ellewin_41:

(1, 16564), (2, 16570), (3, 16597), (5, 16663), (6, 16666),

Gene: KSunshine22_43 Start: 17650, Stop: 17958, Start Num: 3

Candidate Starts for KSunshine22_43:

(1, 17617), (2, 17623), (3, 17650), (5, 17716), (6, 17719),

Gene: Panchaali_46 Start: 16722, Stop: 16964, Start Num: 5

Candidate Starts for Panchaali_46:

(3, 16656), (4, 16668), (5, 16722), (6, 16725),

Gene: Rockabye_51 Start: 22139, Stop: 22465, Start Num: 3

Candidate Starts for Rockabye_51:

(3, 22139), (5, 22205),

Gene: SJReid_55 Start: 22818, Stop: 23138, Start Num: 3

Candidate Starts for SJReid_55:

(3, 22818), (5, 22884),

Gene: WaddleDee_44 Start: 16779, Stop: 17087, Start Num: 3

Candidate Starts for WaddleDee_44:

(1, 16746), (2, 16752), (3, 16779), (5, 16845), (6, 16848),