



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 322131 Report

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

Pham number 322131 has 8 members, 3 are drafts.

Phages represented in each track:

- Track 1 : JakeTheSnake_24
- Track 2 : Persistence_23
- Track 3 : NikkiHotWheels_23, GlobiWarming_23
- Track 4 : PetriParty_20, TripleJ_21
- Track 5 : Boise_31, RomansRevenge_32

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

The start number called the most often in the published annotations is 2, it was called in 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Boise_31, GlobiWarming_23, JakeTheSnake_24, NikkiHotWheels_23, Persistence_23, PetriParty_20, RomansRevenge_32, TripleJ_21,

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 2:

- Found in 8 of 8 (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: Boise_31 (FT), GlobiWarming_23 (FA), JakeTheSnake_24 (AY), NikkiHotWheels_23 (FA), Persistence_23 (AY), PetriParty_20 (FJ), RomansRevenge_32 (FT), TripleJ_21 (FJ),

Summary by clusters:

There are 4 clusters represented in this pham: AY, FA, FJ, FT,

Info for manual annotations of cluster AY:

- Start number 2 was manually annotated 1 time for cluster AY.

Info for manual annotations of cluster FA:

- Start number 2 was manually annotated 2 times for cluster FA.

Info for manual annotations of cluster FJ:

- Start number 2 was manually annotated 1 time for cluster FJ.

Info for manual annotations of cluster FT:

- Start number 2 was manually annotated 1 time for cluster FT.

Gene Information:

Gene: Boise_31 Start: 31532, Stop: 31825, Start Num: 2

Candidate Starts for Boise_31:

(Start: 2 @31532 has 5 MA's), (4, 31634), (6, 31694), (8, 31766), (9, 31775), (10, 31784),

Gene: GlobiWarming_23 Start: 18562, Stop: 18837, Start Num: 2

Candidate Starts for GlobiWarming_23:

(Start: 2 @18562 has 5 MA's), (4, 18655), (5, 18709), (7, 18766), (9, 18799), (11, 18826),

Gene: JakeTheSnake_24 Start: 18461, Stop: 18736, Start Num: 2

Candidate Starts for JakeTheSnake_24:

(1, 18356), (Start: 2 @18461 has 5 MA's), (9, 18698), (11, 18725),

Gene: NikkiHotWheels_23 Start: 18583, Stop: 18858, Start Num: 2

Candidate Starts for NikkiHotWheels_23:

(Start: 2 @18583 has 5 MA's), (4, 18676), (5, 18730), (7, 18787), (9, 18820), (11, 18847),

Gene: Persistence_23 Start: 18484, Stop: 18759, Start Num: 2

Candidate Starts for Persistence_23:

(1, 18376), (Start: 2 @18484 has 5 MA's), (3, 18574), (9, 18721), (11, 18748),

Gene: PetriParty_20 Start: 17468, Stop: 17743, Start Num: 2

Candidate Starts for PetriParty_20:

(Start: 2 @17468 has 5 MA's), (4, 17561), (9, 17705), (11, 17732),

Gene: RomansRevenge_32 Start: 31532, Stop: 31825, Start Num: 2

Candidate Starts for RomansRevenge_32:

(Start: 2 @31532 has 5 MA's), (4, 31634), (6, 31694), (8, 31766), (9, 31775), (10, 31784),

Gene: TripleJ_21 Start: 17485, Stop: 17760, Start Num: 2

Candidate Starts for TripleJ_21:

(Start: 2 @17485 has 5 MA's), (4, 17578), (9, 17722), (11, 17749),