



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 19210 Report

This analysis was run 02/07/26 on database version 634.

Pham number 19210 has 6 members, 5 are drafts.

Phages represented in each track:

- Track 1 : Orkz_68
- Track 2 : BlackJade_77
- Track 3 : Divya_70
- Track 4 : Jinkies_66
- Track 5 : AirForce1_69
- Track 6 : SunnyJune_71

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 1 of the 1 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- AirForce1_69, BlackJade_77, Divya_70, Jinkies_66, Orkz_68, SunnyJune_71,

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 6 of 6 (100.0%) of genes in pham
- Manual Annotations of this start: 1 of 1
- Called 100.0% of time when present
- Phage (with cluster) where this start called: AirForce1_69 (FL), BlackJade_77 (FL), Divya_70 (FL), Jinkies_66 (FL), Orkz_68 (FL), SunnyJune_71 (FL),

Summary by clusters:

There is one cluster represented in this pham: FL

Info for manual annotations of cluster FL:

- Start number 1 was manually annotated 1 time for cluster FL.

Gene Information:

Gene: AirForce1_69 Start: 42053, Stop: 42292, Start Num: 1

Candidate Starts for AirForce1_69:

(Start: 1 @42053 has 1 MA's), (3, 42179),

Gene: BlackJade_77 Start: 42804, Stop: 43049, Start Num: 1

Candidate Starts for BlackJade_77:

(Start: 1 @42804 has 1 MA's), (4, 42984), (6, 43038),

Gene: Divya_70 Start: 41797, Stop: 42030, Start Num: 1

Candidate Starts for Divya_70:

(Start: 1 @41797 has 1 MA's), (2, 41887),

Gene: Jinkies_66 Start: 42524, Stop: 42757, Start Num: 1

Candidate Starts for Jinkies_66:

(Start: 1 @42524 has 1 MA's), (5, 42734),

Gene: Orkz_68 Start: 40116, Stop: 40349, Start Num: 1

Candidate Starts for Orkz_68:

(Start: 1 @40116 has 1 MA's), (3, 40242),

Gene: SunnyJune_71 Start: 42044, Stop: 42280, Start Num: 1

Candidate Starts for SunnyJune_71:

(Start: 1 @42044 has 1 MA's), (3, 42170),