



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 150829 Report

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

Pham number 150829 has 14 members, 3 are drafts.

Phages represented in each track:

- Track 1 : Egad_47, Linda_47, Stayer_47, BronxBay_47, MrAaronian_47, StarLord_47, Djungelskog_47, DoctorPepper_49, Raunak_50, Sloopyjoe_47, Salk_47, Michelle_47, Shiba_46, ProfFrink_51

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:

- BronxBay_47, Djungelskog_47, DoctorPepper_49, Egad_47, Linda_47, Michelle_47, MrAaronian_47, ProfFrink_51, Raunak_50, Salk_47, Shiba_46, Sloopyjoe_47, StarLord_47, Stayer_47,

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 14 of 14 (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: BronxBay_47 (AW), Djungelskog_47 (AW), DoctorPepper_49 (AW), Egad_47 (AW), Linda_47 (AW), Michelle_47 (AW), MrAaronian_47 (AW), ProfFrink_51 (AW), Raunak_50 (AW), Salk_47 (AW), Shiba_46 (AW), Sloopyjoe_47 (AW), StarLord_47 (AW), Stayer_47 (AW),

Summary by clusters:

There is one cluster represented in this pham: AW

Info for manual annotations of cluster AW:

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

Gene Information:

Gene: BronxBay_47 Start: 32409, Stop: 32579, Start Num: 1

Candidate Starts for BronxBay_47:

(Start: 1 @32409 has 11 MA's),

Gene: Djungelskog_47 Start: 32408, Stop: 32578, Start Num: 1

Candidate Starts for Djungelskog_47:

(Start: 1 @32408 has 11 MA's),

Gene: DoctorPepper_49 Start: 32113, Stop: 32283, Start Num: 1

Candidate Starts for DoctorPepper_49:

(Start: 1 @32113 has 11 MA's),

Gene: Egad_47 Start: 32410, Stop: 32580, Start Num: 1

Candidate Starts for Egad_47:

(Start: 1 @32410 has 11 MA's),

Gene: Linda_47 Start: 32406, Stop: 32576, Start Num: 1

Candidate Starts for Linda_47:

(Start: 1 @32406 has 11 MA's),

Gene: Michelle_47 Start: 32408, Stop: 32578, Start Num: 1

Candidate Starts for Michelle_47:

(Start: 1 @32408 has 11 MA's),

Gene: MrAaronian_47 Start: 32408, Stop: 32578, Start Num: 1

Candidate Starts for MrAaronian_47:

(Start: 1 @32408 has 11 MA's),

Gene: ProfFrink_51 Start: 32409, Stop: 32579, Start Num: 1

Candidate Starts for ProfFrink_51:

(Start: 1 @32409 has 11 MA's),

Gene: Raunak_50 Start: 32106, Stop: 32276, Start Num: 1

Candidate Starts for Raunak_50:

(Start: 1 @32106 has 11 MA's),

Gene: Salk_47 Start: 32406, Stop: 32576, Start Num: 1

Candidate Starts for Salk_47:

(Start: 1 @32406 has 11 MA's),

Gene: Shiba_46 Start: 32106, Stop: 32276, Start Num: 1

Candidate Starts for Shiba_46:

(Start: 1 @32106 has 11 MA's),

Gene: Sloopyjoe_47 Start: 32410, Stop: 32580, Start Num: 1

Candidate Starts for Sloopyjoe_47:
(Start: 1 @32410 has 11 MA's),

Gene: StarLord_47 Start: 32409, Stop: 32579, Start Num: 1
Candidate Starts for StarLord_47:
(Start: 1 @32409 has 11 MA's),

Gene: Stayer_47 Start: 32406, Stop: 32576, Start Num: 1
Candidate Starts for Stayer_47:
(Start: 1 @32406 has 11 MA's),