



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 8563 Report

This analysis was run 04/05/24 on database version 557.

Pham number 8563 has 10 members, 5 are drafts.

Phages represented in each track:

- Track 1 : BigCity_75, LordLeafolot_74, EggyFarm_75, Bigswole_76, NoodleTree_70, Concombre_75, FrayBell_76, Grasshills_75
- Track 2 : Tonenili_81
- Track 3 : Hawkeye_62

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:

- BigCity_75, Bigswole_76, Concombre_75, EggyFarm_75, FrayBell_76, Grasshills_75, Hawkeye_62, LordLeafolot_74, NoodleTree_70, Tonenili_81,

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 10 of 10 (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: BigCity_75 (C1), Bigswole_76 (C1), Concombre_75 (C1), EggyFarm_75 (C1), FrayBell_76 (C1), Grasshills_75 (C1), Hawkeye_62 (D2), LordLeafolot_74 (C1), NoodleTree_70 (C1), Tonenili_81 (C1),

Summary by clusters:

There are 2 clusters represented in this pham: C1, D2,

Info for manual annotations of cluster C1:

- Start number 2 was manually annotated 4 times for cluster C1.

Info for manual annotations of cluster D2:

- Start number 2 was manually annotated 1 time for cluster D2.

Gene Information:

Gene: BigCity_75 Start: 24353, Stop: 24487, Start Num: 2

Candidate Starts for BigCity_75:

(Start: 2 @24353 has 5 MA's), (3, 24380), (4, 24425),

Gene: Bigswole_76 Start: 25387, Stop: 25521, Start Num: 2

Candidate Starts for Bigswole_76:

(Start: 2 @25387 has 5 MA's), (3, 25414), (4, 25459),

Gene: Concombre_75 Start: 24914, Stop: 25048, Start Num: 2

Candidate Starts for Concombre_75:

(Start: 2 @24914 has 5 MA's), (3, 24941), (4, 24986),

Gene: EggyFarm_75 Start: 24353, Stop: 24487, Start Num: 2

Candidate Starts for EggyFarm_75:

(Start: 2 @24353 has 5 MA's), (3, 24380), (4, 24425),

Gene: FrayBell_76 Start: 24369, Stop: 24503, Start Num: 2

Candidate Starts for FrayBell_76:

(Start: 2 @24369 has 5 MA's), (3, 24396), (4, 24441),

Gene: Grasshills_75 Start: 24353, Stop: 24487, Start Num: 2

Candidate Starts for Grasshills_75:

(Start: 2 @24353 has 5 MA's), (3, 24380), (4, 24425),

Gene: Hawkeye_62 Start: 44116, Stop: 44259, Start Num: 2

Candidate Starts for Hawkeye_62:

(1, 44113), (Start: 2 @44116 has 5 MA's), (4, 44188), (5, 44194), (6, 44227),

Gene: LordLeafolot_74 Start: 24368, Stop: 24502, Start Num: 2

Candidate Starts for LordLeafolot_74:

(Start: 2 @24368 has 5 MA's), (3, 24395), (4, 24440),

Gene: NoodleTree_70 Start: 22716, Stop: 22850, Start Num: 2

Candidate Starts for NoodleTree_70:

(Start: 2 @22716 has 5 MA's), (3, 22743), (4, 22788),

Gene: Tonenili_81 Start: 25673, Stop: 25807, Start Num: 2

Candidate Starts for Tonenili_81:

(Start: 2 @25673 has 5 MA's), (4, 25745),