



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 87447 Report

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

Pham number 87447 has 8 members, 3 are drafts.

Phages represented in each track:

- Track 1 : Ghost_266, Matsumoto_264, JayJay_262, Chomp_264, Alice_252, ET08_253, Littleton_271, Yassified_264

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 5 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Alice_252, Chomp_264, ET08_253, Ghost_266, JayJay_262, Littleton_271, Matsumoto_264, Yassified_264,

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 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: Alice_252 (C1), Chomp_264 (C1), ET08_253 (C1), Ghost_266 (C1), JayJay_262 (C1), Littleton_271 (C1), Matsumoto_264 (C1), Yassified_264 (C1),

Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:

- Start number 1 was manually annotated 5 times for cluster C1.

Gene Information:

Gene: Alice_252 Start: 152830, Stop: 4, Start Num: 1

Candidate Starts for Alice_252:

(Start: 1 @152830 has 5 MA's), (2, 152851), (3, 152959), (4, 152980), (5, 153058), (6, 153064), (7, 153076), (8, 153214), (9, 153307), (10, 153328), (11, 153331), (12, 153343), (13, 153373),

Gene: Chomp_264 Start: 156084, Stop: 4, Start Num: 1

Candidate Starts for Chomp_264:

(Start: 1 @156084 has 5 MA's), (2, 156105), (3, 156213), (4, 156234), (5, 156312), (6, 156318), (7, 156330), (8, 156468), (9, 156561), (10, 156582), (11, 156585), (12, 156597), (13, 156627),

Gene: ET08_253 Start: 154874, Stop: 4, Start Num: 1

Candidate Starts for ET08_253:

(Start: 1 @154874 has 5 MA's), (2, 154895), (3, 155003), (4, 155024), (5, 155102), (6, 155108), (7, 155120), (8, 155258), (9, 155351), (10, 155372), (11, 155375), (12, 155387), (13, 155417),

Gene: Ghost_266 Start: 154596, Stop: 4, Start Num: 1

Candidate Starts for Ghost_266:

(Start: 1 @154596 has 5 MA's), (2, 154617), (3, 154725), (4, 154746), (5, 154824), (6, 154830), (7, 154842), (8, 154980), (9, 155073), (10, 155094), (11, 155097), (12, 155109), (13, 155139),

Gene: JayJay_262 Start: 153668, Stop: 4, Start Num: 1

Candidate Starts for JayJay_262:

(Start: 1 @153668 has 5 MA's), (2, 153689), (3, 153797), (4, 153818), (5, 153896), (6, 153902), (7, 153914), (8, 154052), (9, 154145), (10, 154166), (11, 154169), (12, 154181), (13, 154211),

Gene: Littleton_271 Start: 155219, Stop: 155794, Start Num: 1

Candidate Starts for Littleton_271:

(Start: 1 @155219 has 5 MA's), (2, 155240), (3, 155348), (4, 155369), (5, 155447), (6, 155453), (7, 155465), (8, 155603), (9, 155696), (10, 155717), (11, 155720), (12, 155732), (13, 155762),

Gene: Matsumoto_264 Start: 154424, Stop: 4, Start Num: 1

Candidate Starts for Matsumoto_264:

(Start: 1 @154424 has 5 MA's), (2, 154445), (3, 154553), (4, 154574), (5, 154652), (6, 154658), (7, 154670), (8, 154808), (9, 154901), (10, 154922), (11, 154925), (12, 154937), (13, 154967),

Gene: Yassified_264 Start: 155280, Stop: 4, Start Num: 1

Candidate Starts for Yassified_264:

(Start: 1 @155280 has 5 MA's), (2, 155301), (3, 155409), (4, 155430), (5, 155508), (6, 155514), (7, 155526), (8, 155664), (9, 155757), (10, 155778), (11, 155781), (12, 155793), (13, 155823),