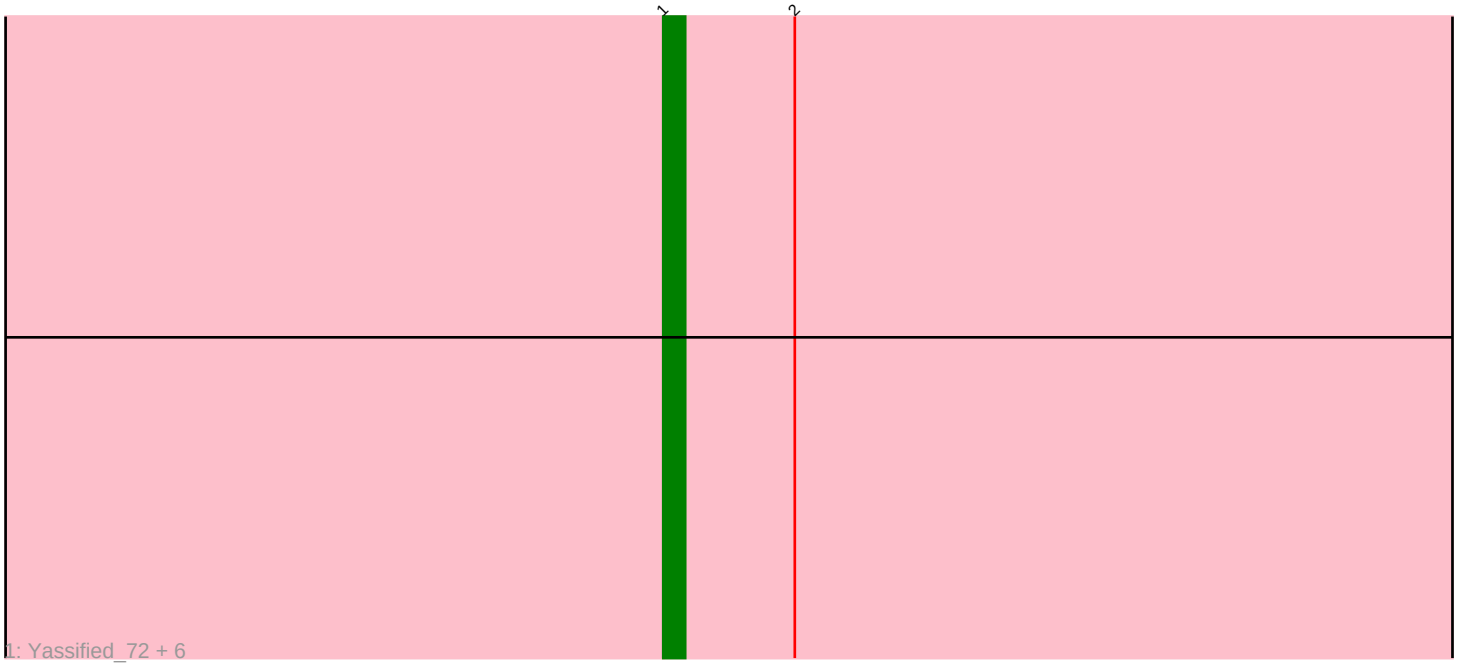
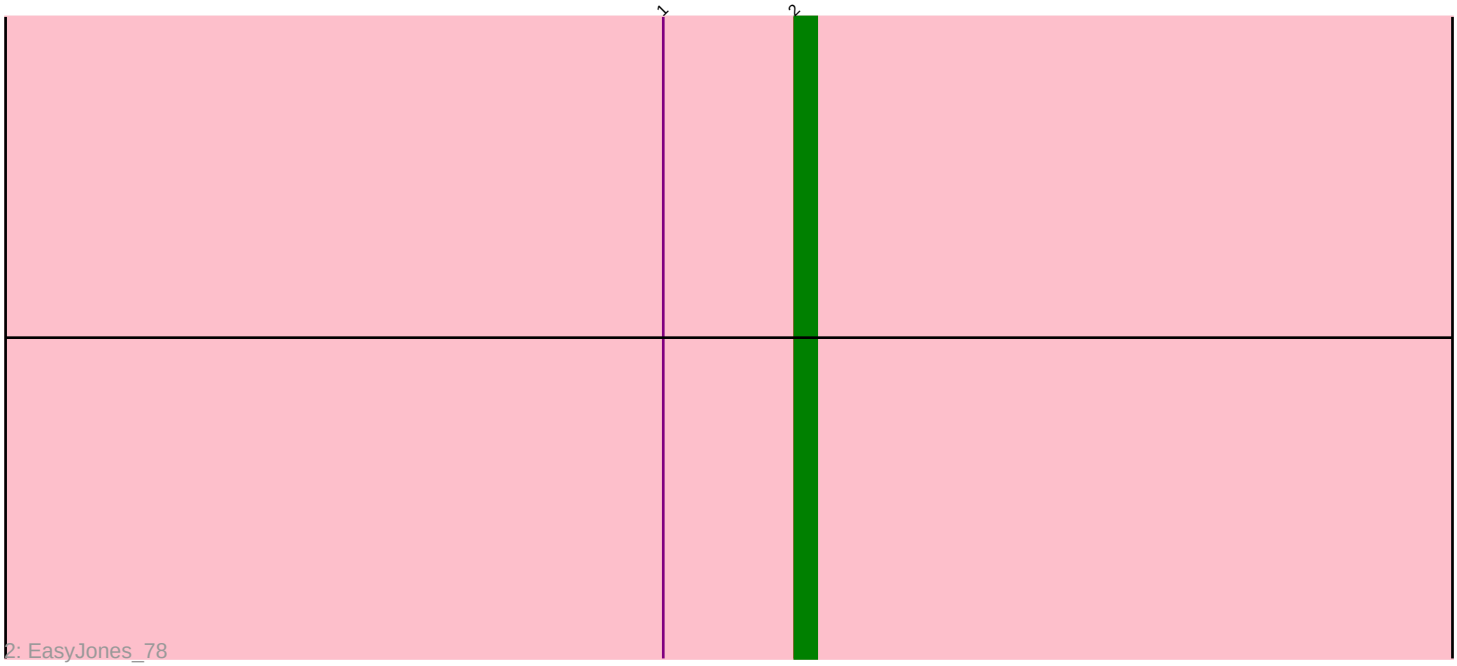
Pham 87903





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 87903 Report

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

Pham number 87903 has 8 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Yassified_72, Stubby_69, Alice_68, Melpomini_70, Catera_74, Pinkcreek_66, Rabinovish_73
• Track 2 : EasyJones_78

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 7 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alice_68, Catera_74, Melpomini_70, Pinkcreek_66, Rabinovish_73, Stubby_69, Yassified_72,

Genes that have the "Most Annotated" start but do not call it:
• EasyJones_78,

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: 7 of 8
• Called 87.5% of time when present
• Phage (with cluster) where this start called: Alice_68 (C1), Catera_74 (C1), Melpomini_70 (C1), Pinkcreek_66 (C1), Rabinovish_73 (C1), Stubby_69 (C1), Yassified_72 (C1),

Start 2:
• Found in 8 of 8 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 12.5% of time when present
• Phage (with cluster) where this start called: EasyJones_78 (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 7 times for cluster C1.
•Start number 2 was manually annotated 1 time for cluster C1.

Gene Information:

Gene: Alice_68 Start: 25095, Stop: 25193, Start Num: 1
Candidate Starts for Alice_68:
(Start: 1 @25095 has 7 MA's), (Start: 2 @25101 has 1 MA's),

Gene: Catera_74 Start: 25771, Stop: 25869, Start Num: 1
Candidate Starts for Catera_74:
(Start: 1 @25771 has 7 MA's), (Start: 2 @25777 has 1 MA's),

Gene: EasyJones_78 Start: 26820, Stop: 26912, Start Num: 2
Candidate Starts for EasyJones_78:
(Start: 1 @26814 has 7 MA's), (Start: 2 @26820 has 1 MA's),

Gene: Melpomini_70 Start: 24779, Stop: 24877, Start Num: 1
Candidate Starts for Melpomini_70:
(Start: 1 @24779 has 7 MA's), (Start: 2 @24785 has 1 MA's),

Gene: Pinkcreek_66 Start: 24406, Stop: 24504, Start Num: 1
Candidate Starts for Pinkcreek_66:
(Start: 1 @24406 has 7 MA's), (Start: 2 @24412 has 1 MA's),

Gene: Rabinovish_73 Start: 27120, Stop: 27218, Start Num: 1
Candidate Starts for Rabinovish_73:
(Start: 1 @27120 has 7 MA's), (Start: 2 @27126 has 1 MA's),

Gene: Stubby_69 Start: 25733, Stop: 25831, Start Num: 1
Candidate Starts for Stubby_69:
(Start: 1 @25733 has 7 MA's), (Start: 2 @25739 has 1 MA's),

Gene: Yassified_72 Start: 25725, Stop: 25823, Start Num: 1
Candidate Starts for Yassified_72:
(Start: 1 @25725 has 7 MA's), (Start: 2 @25731 has 1 MA's),