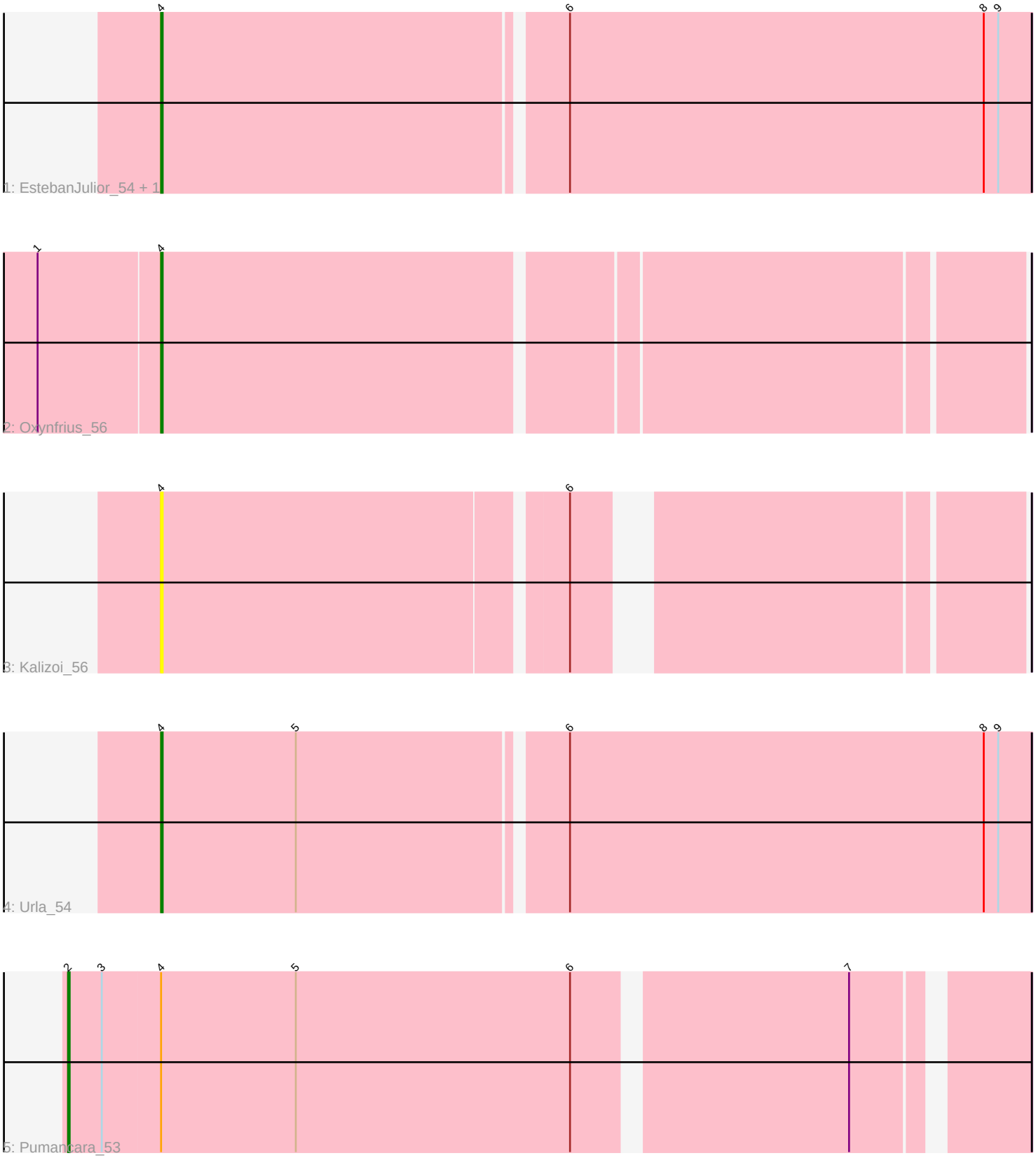
Pham 8947


4
6
8
9
1: EstebanJulior_54 + 1
1
4
2: Oxynfrius_56
4
6
3: Kalizoi_56
4
5
6
8
9
4: Urla_54
2
3
4
5
6
7
5: Pumamcara_53

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 8947 Report

This analysis was run 04/12/24 on database version 558.

Pham number 8947 has 6 members, 1 are drafts.

Phages represented in each track:
• Track 1 : EstebanJulior_54, MamaPearl_54
• Track 2 : Oxynfrius_56
• Track 3 : Kalizoi_56
• Track 4 : Urla_54
• Track 5 : Pumancara_53

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 4, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• EstebanJulior_54, Kalizoi_56, MamaPearl_54, Oxynfrius_56, Urla_54,

Genes that have the "Most Annotated" start but do not call it:
• Pumancara_53,

Genes that do not have the "Most Annotated" start:
•

Summary by start number:

Start 2:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Pumancara_53 (AK),

Start 4:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 83.3% of time when present
• Phage (with cluster) where this start called: EstebanJulior_54 (AK), Kalizoi_56 (AK), MamaPearl_54 (AK), Oxynfrius_56 (AK), Urla_54 (AK),

Summary by clusters:

There is one cluster represented in this pham: AK

Info for manual annotations of cluster AK:
•Start number 2 was manually annotated 1 time for cluster AK.
•Start number 4 was manually annotated 4 times for cluster AK.

Gene Information:

Gene: EstebanJulior_54 Start: 40869, Stop: 40339, Start Num: 4
Candidate Starts for EstebanJulior_54:
(Start: 4 @40869 has 4 MA's), (6, 40626), (8, 40368), (9, 40359),

Gene: Kalizoi_56 Start: 40901, Stop: 40410, Start Num: 4
Candidate Starts for Kalizoi_56:
(Start: 4 @40901 has 4 MA's), (6, 40658),

Gene: MamaPearl_54 Start: 40869, Stop: 40339, Start Num: 4
Candidate Starts for MamaPearl_54:
(Start: 4 @40869 has 4 MA's), (6, 40626), (8, 40368), (9, 40359),

Gene: Oxynfrius_56 Start: 41427, Stop: 40912, Start Num: 4
Candidate Starts for Oxynfrius_56:
(1, 41502), (Start: 4 @41427 has 4 MA's),

Gene: Pumancara_53 Start: 40081, Stop: 39515, Start Num: 2
Candidate Starts for Pumancara_53:
(Start: 2 @40081 has 1 MA's), (3, 40060), (Start: 4 @40024 has 4 MA's), (5, 39940), (6, 39769), (7, 39610),

Gene: Urla_54 Start: 40881, Stop: 40351, Start Num: 4
Candidate Starts for Urla_54:
(Start: 4 @40881 has 4 MA's), (5, 40797), (6, 40638), (8, 40380), (9, 40371),