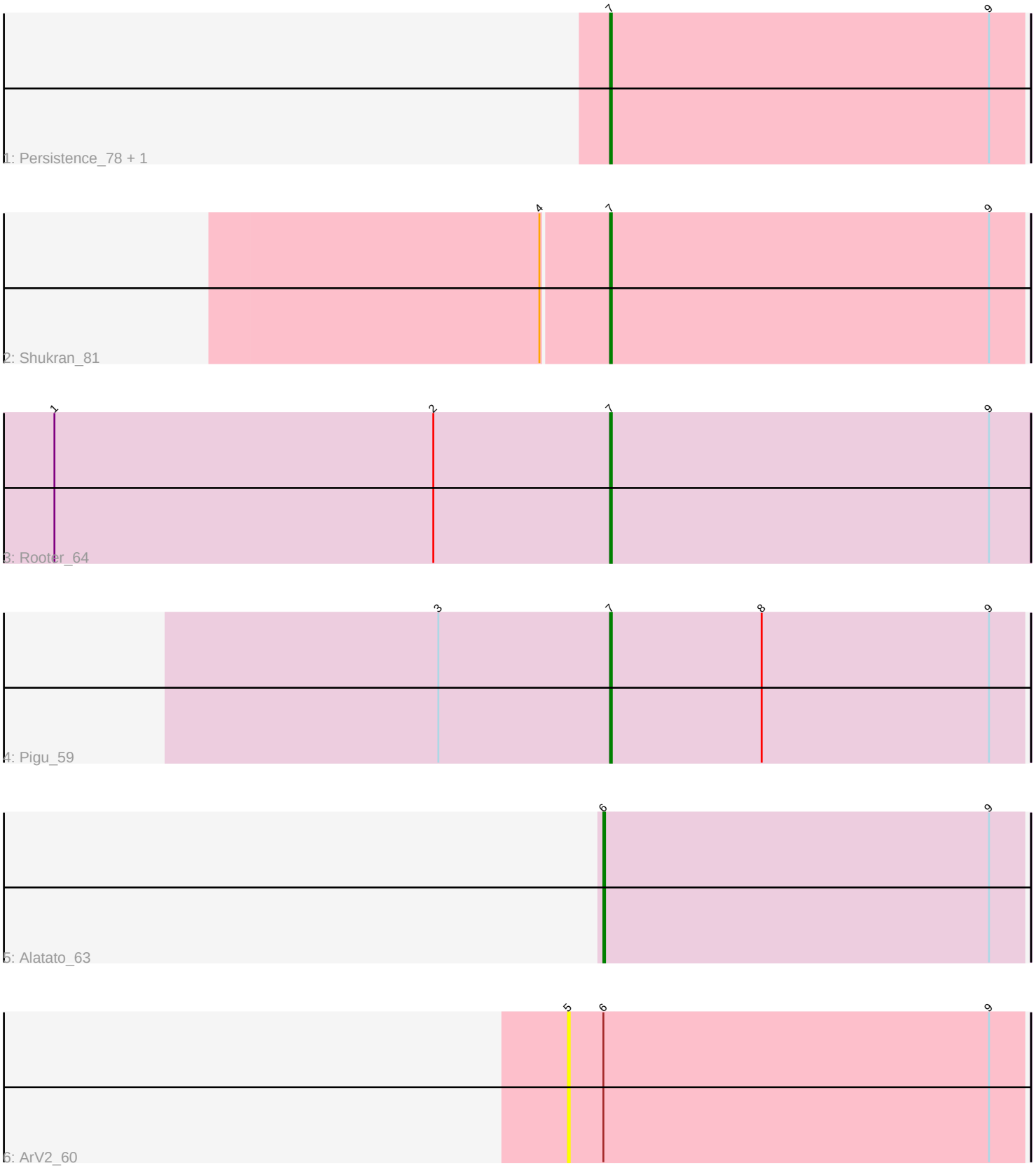
Pham 340331


7
9
1: Persistence_78 + 1
4
7
9
2: Shukran_81
1
2
7
9
3: Rooter_64
3
7
8
9
4: Pigu_59
6
9
5: Alatato_63
5
6
9
6: ArV2_60

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 340331 Report

This analysis was run 11/14/26 on database version 672.

Pham number 340331 has 7 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Persistence_78, JakeTheSnake_88
• Track 2 : Shukran_81
• Track 3 : Rooter_64
• Track 4 : Pigu_59
• Track 5 : Alatato_63
• Track 6 : ArV2_60

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

The start number called the most often in the published annotations is 7, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• JakeTheSnake_88, Persistence_78, Pigu_59, Rooter_64, Shukran_81,

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

Genes that do not have the "Most Annotated" start:
• Alatato_63, ArV2_60,

Summary by start number:

Start 5:
• Found in 1 of 7 (14.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: ArV2_60 (singleton),

Start 6:
• Found in 2 of 7 (28.6%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Alatato_63 (FB),

Start 7:
• Found in 5 of 7 (71.4%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: JakeTheSnake_88 (AY), Persistence_78 (AY), Pigu_59 (FB), Rooter_64 (FB), Shukran_81 (AY),

Summary by clusters:

There are 3 clusters represented in this pham: AY, FB, singleton,

Info for manual annotations of cluster AY:
•Start number 7 was manually annotated 2 times for cluster AY.

Info for manual annotations of cluster FB:
•Start number 6 was manually annotated 1 time for cluster FB.
•Start number 7 was manually annotated 2 times for cluster FB.

Gene Information:

Gene: Alatato_63 Start: 35827, Stop: 36075, Start Num: 6
Candidate Starts for Alatato_63:
(Start: 6 @35827 has 1 MA's), (9, 36055),

Gene: ArV2_60 Start: 32833, Stop: 33102, Start Num: 5
Candidate Starts for ArV2_60:
(5, 32833), (Start: 6 @32854 has 1 MA's), (9, 33082),

Gene: JakeTheSnake_88 Start: 49875, Stop: 50120, Start Num: 7
Candidate Starts for JakeTheSnake_88:
(Start: 7 @49875 has 4 MA's), (9, 50100),

Gene: Persistence_78 Start: 45390, Stop: 45635, Start Num: 7
Candidate Starts for Persistence_78:
(Start: 7 @45390 has 4 MA's), (9, 45615),

Gene: Pigu_59 Start: 33793, Stop: 34038, Start Num: 7
Candidate Starts for Pigu_59:
(3, 33691), (Start: 7 @33793 has 4 MA's), (8, 33883), (9, 34018),

Gene: Rooter_64 Start: 35547, Stop: 35795, Start Num: 7
Candidate Starts for Rooter_64:
(1, 35217), (2, 35442), (Start: 7 @35547 has 4 MA's), (9, 35772),

Gene: Shukran_81 Start: 46084, Stop: 46329, Start Num: 7
Candidate Starts for Shukran_81:
(4, 46045), (Start: 7 @46084 has 4 MA's), (9, 46309),