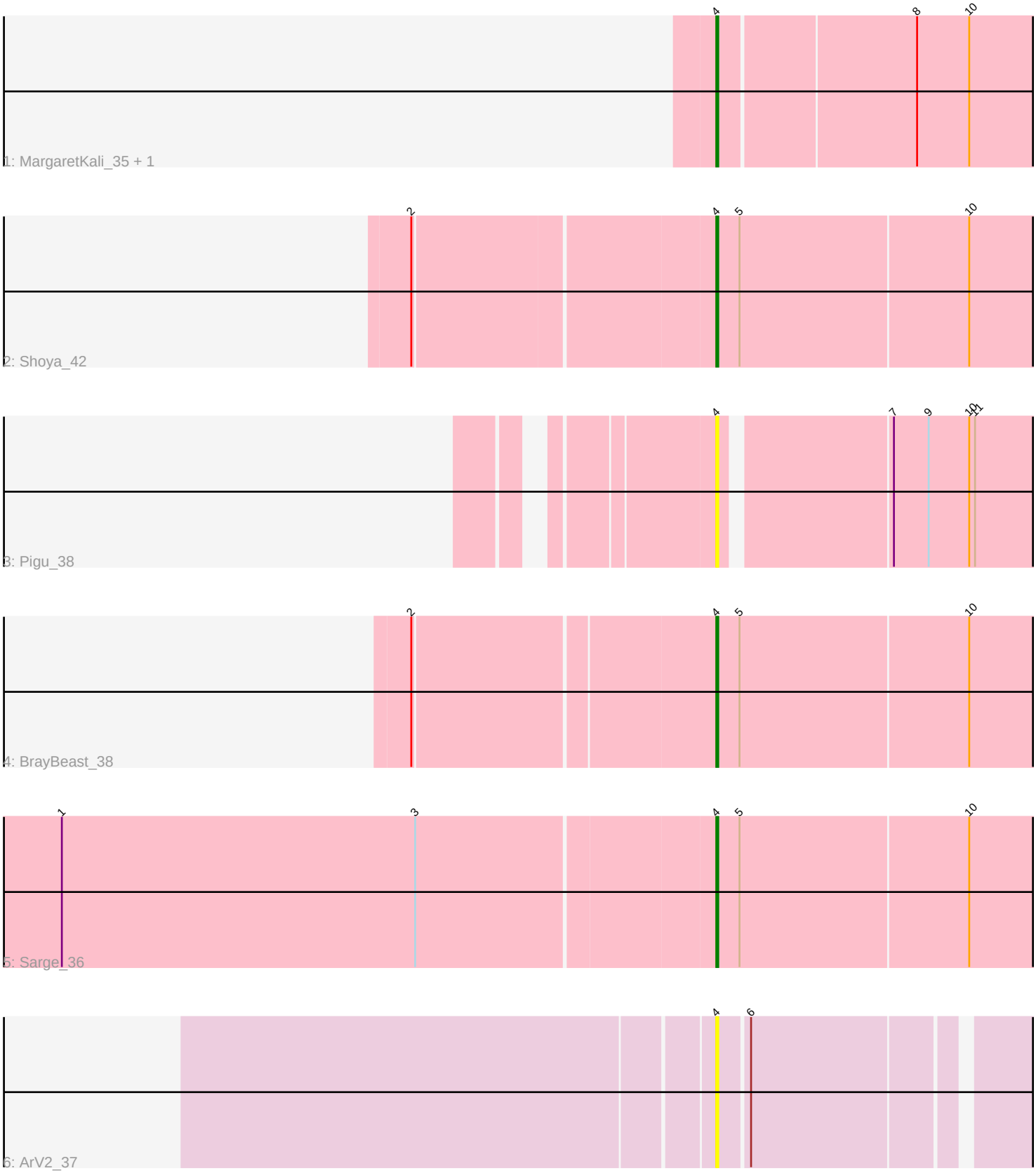
Pham 198722


4
8
10
1: MargaretKali_35 + 1
2
4
5
10
2: Shoya_42
4
7
9
10
11
3: Pigu_38
2
4
5
10
4: BrayBeast_38
1
3
4
5
10
5: Sarge_36
4
6
6: ArV2_37

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 198722 Report

This analysis was run 01/18/25 on database version 583.

Pham number 198722 has 7 members, 2 are drafts.

Phages represented in each track:
• Track 1 : MargaretKali_35, Kumotta_35
• Track 2 : Shoya_42
• Track 3 : Pigu_38
• Track 4 : BrayBeast_38
• Track 5 : Sarge_36
• Track 6 : ArV2_37

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

Genes that call this "Most Annotated" start:
• ArV2_37, BrayBeast_38, Kumotta_35, MargaretKali_35, Pigu_38, Sarge_36, Shoya_42,

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 4:
• Found in 7 of 7 (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: ArV2_37 (singleton), BrayBeast_38 (FB), Kumotta_35 (FB), MargaretKali_35 (FB), Pigu_38 (FB), Sarge_36 (FB), Shoya_42 (FB),

Summary by clusters:

There are 2 clusters represented in this pham: FB, singleton,

Info for manual annotations of cluster FB:
•Start number 4 was manually annotated 5 times for cluster FB.

Gene Information:

Gene: ArV2_37 Start: 24984, Stop: 25217, Start Num: 4
Candidate Starts for ArV2_37:
(Start: 4 @24984 has 5 MA's), (6, 24999),

Gene: BrayBeast_38 Start: 26733, Stop: 26966, Start Num: 4
Candidate Starts for BrayBeast_38:
(2, 26583), (Start: 4 @26733 has 5 MA's), (5, 26745), (10, 26862),

Gene: Kumotta_35 Start: 26710, Stop: 26988, Start Num: 4
Candidate Starts for Kumotta_35:
(Start: 4 @26710 has 5 MA's), (8, 26809), (10, 26836),

Gene: MargaretKali_35 Start: 26345, Stop: 26617, Start Num: 4
Candidate Starts for MargaretKali_35:
(Start: 4 @26345 has 5 MA's), (8, 26444), (10, 26471),

Gene: Pigu_38 Start: 25904, Stop: 26116, Start Num: 4
Candidate Starts for Pigu_38:
(Start: 4 @25904 has 5 MA's), (7, 25985), (9, 26003), (10, 26024), (11, 26027),

Gene: Sarge_36 Start: 25079, Stop: 25312, Start Num: 4
Candidate Starts for Sarge_36:
(1, 24746), (3, 24929), (Start: 4 @25079 has 5 MA's), (5, 25091), (10, 25208),

Gene: Shoya_42 Start: 27047, Stop: 27280, Start Num: 4
Candidate Starts for Shoya_42:
(2, 26897), (Start: 4 @27047 has 5 MA's), (5, 27059), (10, 27176),