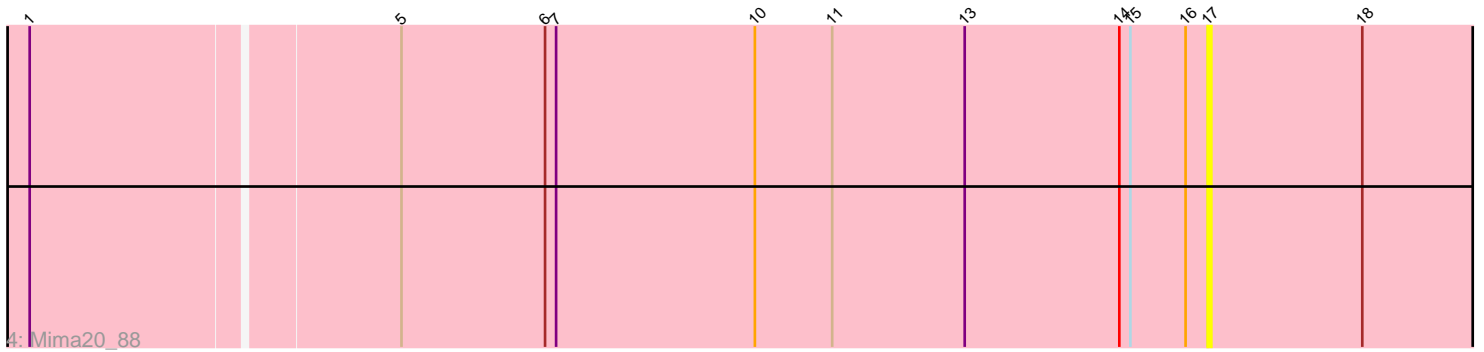
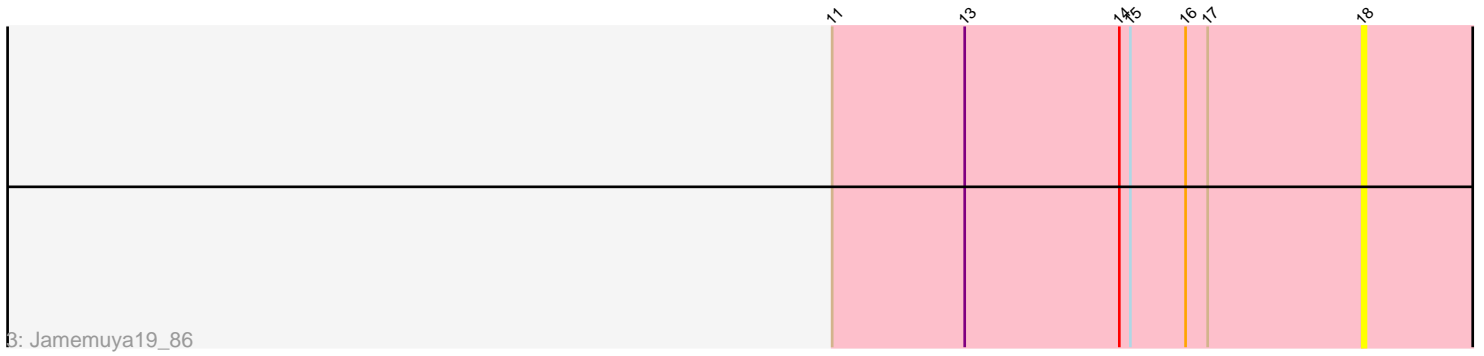
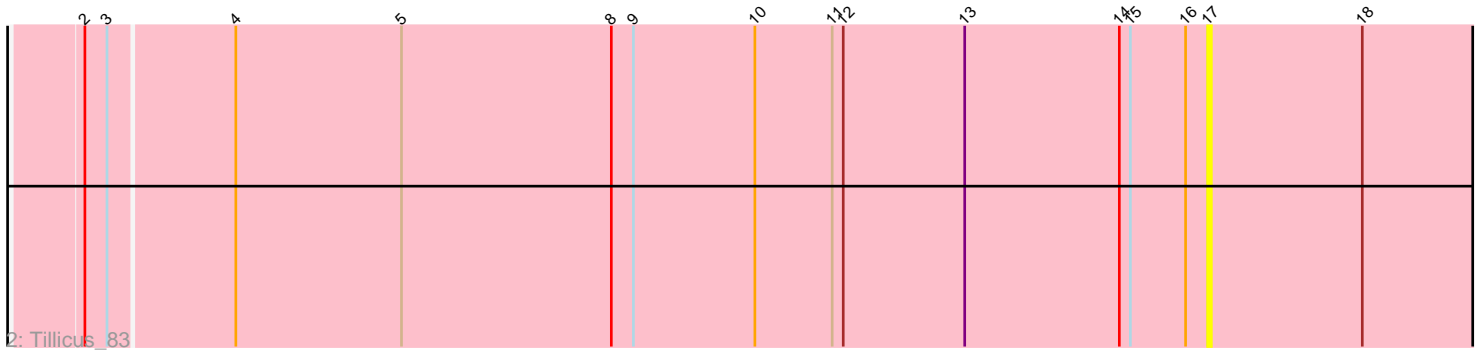
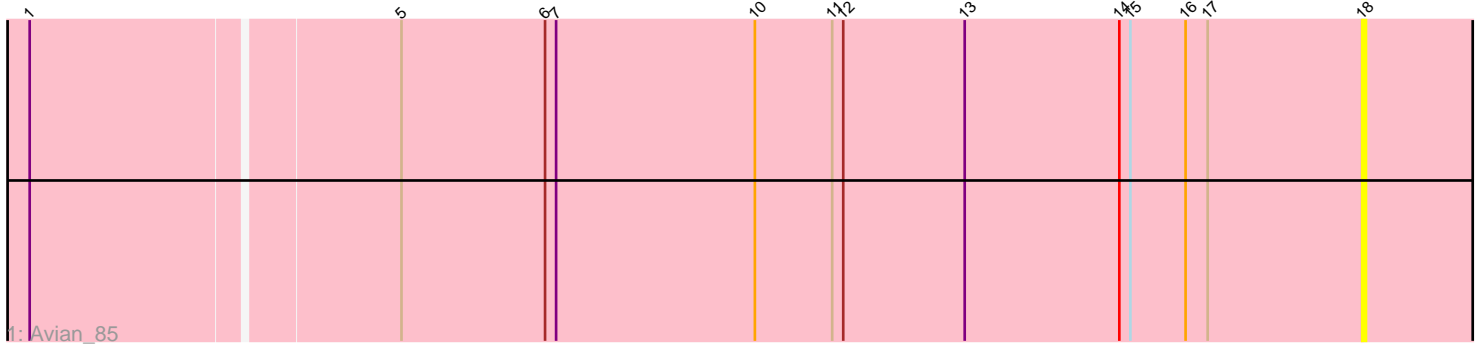


Pham 173705



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 173705 Report

This analysis was run 11/02/24 on database version 579.

Pham number 173705 has 4 members, 4 are drafts.

Phages represented in each track:

- Track 1 : Avian_85
- Track 2 : Tillicus_83
- Track 3 : Jamemuya19_86
- Track 4 : Mima20_88

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

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 17:

- Found in 4 of 4 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Mima20_88 (DV), Tillicus_83 (DV),

Start 18:

- Found in 4 of 4 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Avian_85 (DV), Jamemuya19_86 (DV),

Summary by clusters:

There is one cluster represented in this pham: DV

Gene Information:

Gene: Avian_85 Start: 57922, Stop: 57782, Start Num: 18
Candidate Starts for Avian_85:

(1, 58279), (5, 58183), (6, 58144), (7, 58141), (10, 58087), (11, 58066), (12, 58063), (13, 58030), (14, 57988), (15, 57985), (16, 57970), (17, 57964), (18, 57922),

Gene: Jamemuya19_86 Start: 57785, Stop: 57645, Start Num: 18

Candidate Starts for Jamemuya19_86:

(11, 57929), (13, 57893), (14, 57851), (15, 57848), (16, 57833), (17, 57827), (18, 57785),

Gene: Mima20_88 Start: 59512, Stop: 59330, Start Num: 17

Candidate Starts for Mima20_88:

(1, 59827), (5, 59731), (6, 59692), (7, 59689), (10, 59635), (11, 59614), (13, 59578), (14, 59536), (15, 59533), (16, 59518), (17, 59512), (18, 59470),

Gene: Tillicus_83 Start: 59206, Stop: 59069, Start Num: 17

Candidate Starts for Tillicus_83:

(2, 59509), (3, 59503), (4, 59470), (5, 59425), (8, 59368), (9, 59362), (10, 59329), (11, 59308), (12, 59305), (13, 59272), (14, 59230), (15, 59227), (16, 59212), (17, 59206), (18, 59164),