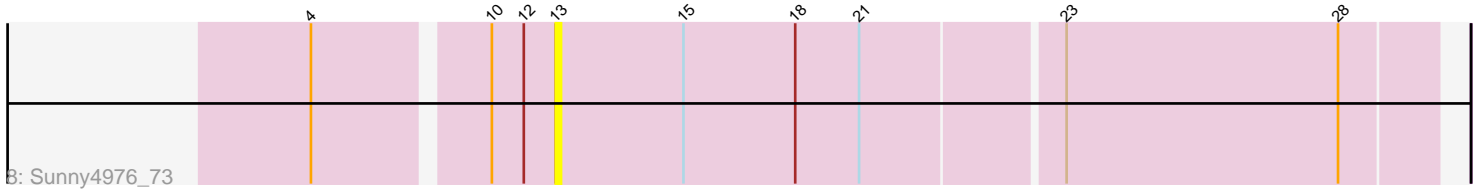
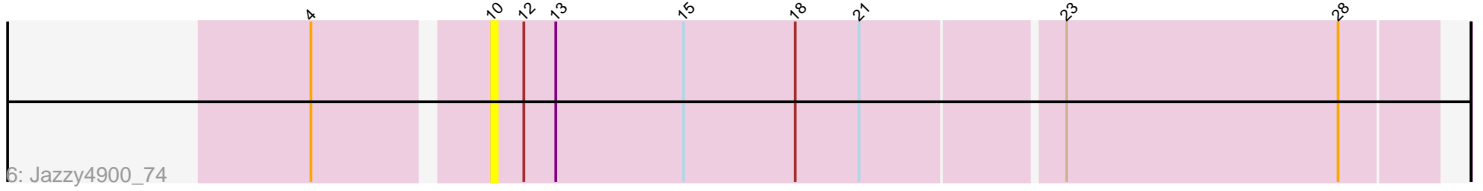
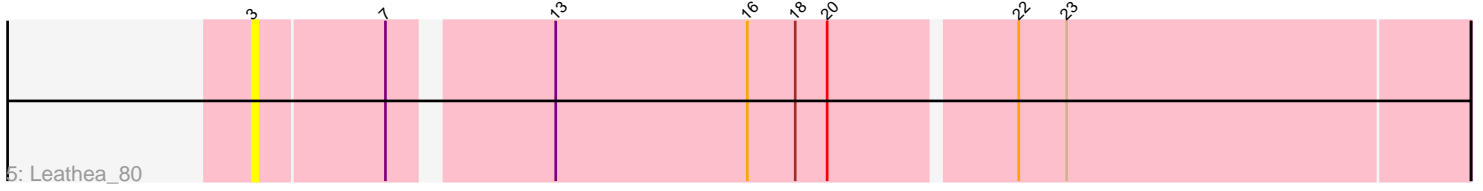
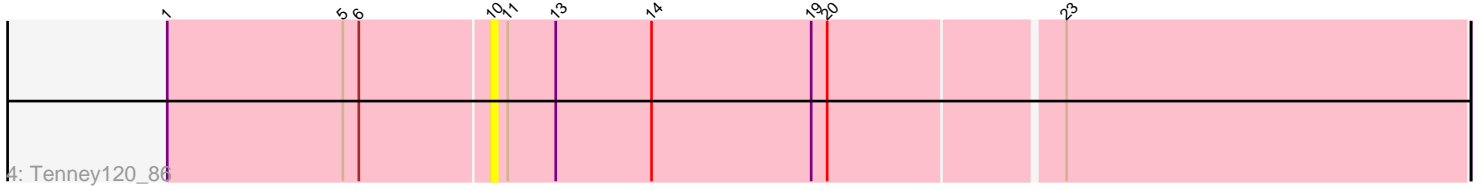
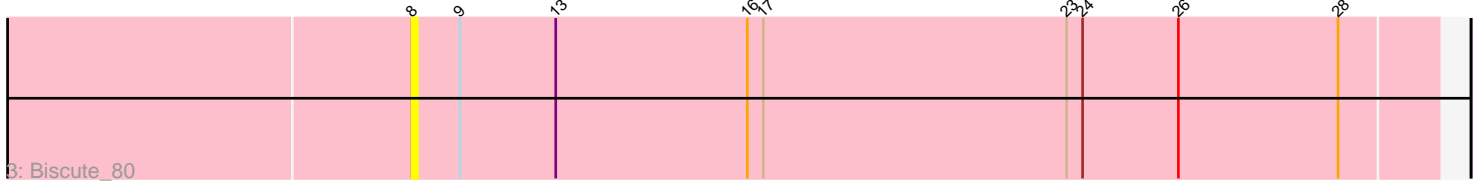
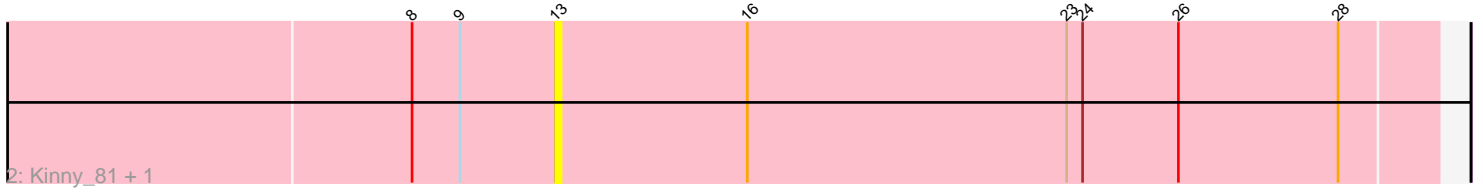
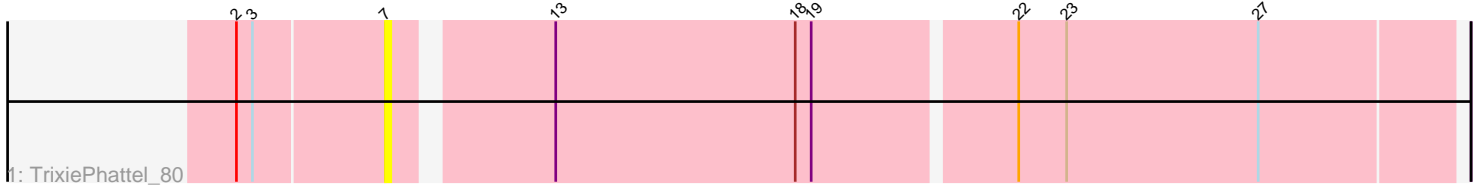


Pham 213234



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 213234 Report

This analysis was run 02/22/25 on database version 588.

Pham number 213234 has 9 members, 9 are drafts.

Phages represented in each track:

- Track 1 : TrixiePhattel_80
- Track 2 : Kinny_81, BarbieDoll_81
- Track 3 : Biscute_80
- Track 4 : Tenney120_86
- Track 5 : Leathea_80
- Track 6 : Jazzy4900_74
- Track 7 : Arzan_76
- Track 8 : Sunny4976_73

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 3:

- Found in 2 of 9 (22.2%) of genes in pham
- No Manual Annotations of this start.
- Called 50.0% of time when present
- Phage (with cluster) where this start called: Leathea_80 (AU6),

Start 7:

- Found in 2 of 9 (22.2%) of genes in pham
- No Manual Annotations of this start.
- Called 50.0% of time when present
- Phage (with cluster) where this start called: TrixiePhattel_80 (AU6),

Start 8:

- Found in 3 of 9 (33.3%) of genes in pham
- No Manual Annotations of this start.
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Biscute_80 (AU6),

Start 10:

- Found in 4 of 9 (44.4%) of genes in pham
- No Manual Annotations of this start.
- Called 75.0% of time when present
- Phage (with cluster) where this start called: Arzan_76 (FI), Jazzy4900_74 (FI), Tenney120_86 (AU6),

Start 13:

- Found in 9 of 9 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 33.3% of time when present
- Phage (with cluster) where this start called: BarbieDoll_81 (AU6), Kinny_81 (AU6), Sunny4976_73 (FI),

Summary by clusters:

There are 2 clusters represented in this pham: FI, AU6,

Gene Information:

Gene: Arzan_76 Start: 48719, Stop: 48892, Start Num: 10

Candidate Starts for Arzan_76:

(4, 48689), (10, 48719), (13, 48731), (23, 48824), (25, 48830), (28, 48875),

Gene: BarbieDoll_81 Start: 48704, Stop: 48868, Start Num: 13

Candidate Starts for BarbieDoll_81:

(8, 48677), (9, 48686), (13, 48704), (16, 48740), (23, 48800), (24, 48803), (26, 48821), (28, 48851),

Gene: Biscute_80 Start: 48329, Stop: 48520, Start Num: 8

Candidate Starts for Biscute_80:

(8, 48329), (9, 48338), (13, 48356), (16, 48392), (17, 48395), (23, 48452), (24, 48455), (26, 48473), (28, 48503),

Gene: Jazzy4900_74 Start: 49554, Stop: 49727, Start Num: 10

Candidate Starts for Jazzy4900_74:

(4, 49524), (10, 49554), (12, 49560), (13, 49566), (15, 49590), (18, 49611), (21, 49623), (23, 49659), (28, 49710),

Gene: Kinny_81 Start: 49183, Stop: 49347, Start Num: 13

Candidate Starts for Kinny_81:

(8, 49156), (9, 49165), (13, 49183), (16, 49219), (23, 49279), (24, 49282), (26, 49300), (28, 49330),

Gene: Leathea_80 Start: 47209, Stop: 47427, Start Num: 3

Candidate Starts for Leathea_80:

(3, 47209), (7, 47233), (13, 47260), (16, 47296), (18, 47305), (20, 47311), (22, 47344), (23, 47353),

Gene: Sunny4976_73 Start: 49566, Stop: 49727, Start Num: 13

Candidate Starts for Sunny4976_73:

(4, 49524), (10, 49554), (12, 49560), (13, 49566), (15, 49590), (18, 49611), (21, 49623), (23, 49659), (28, 49710),

Gene: Tenney120_86 Start: 49737, Stop: 49916, Start Num: 10

Candidate Starts for Tenney120_86:

(1, 49677), (5, 49710), (6, 49713), (10, 49737), (11, 49740), (13, 49749), (14, 49767), (19, 49797), (20, 49800), (23, 49842),

Gene: TrixiePhattel_80 Start: 47398, Stop: 47589, Start Num: 7

Candidate Starts for TrixiePhattel_80:

(2, 47371), (3, 47374), (7, 47398), (13, 47425), (18, 47470), (19, 47473), (22, 47509), (23, 47518), (27, 47554),