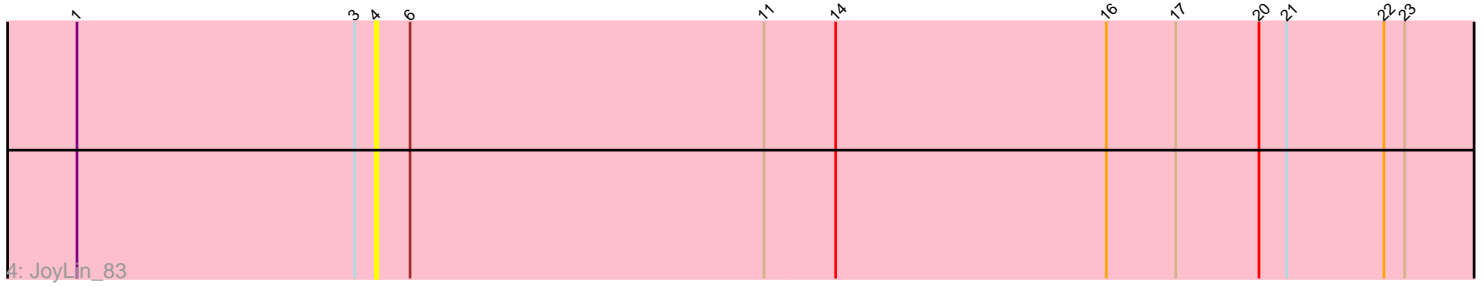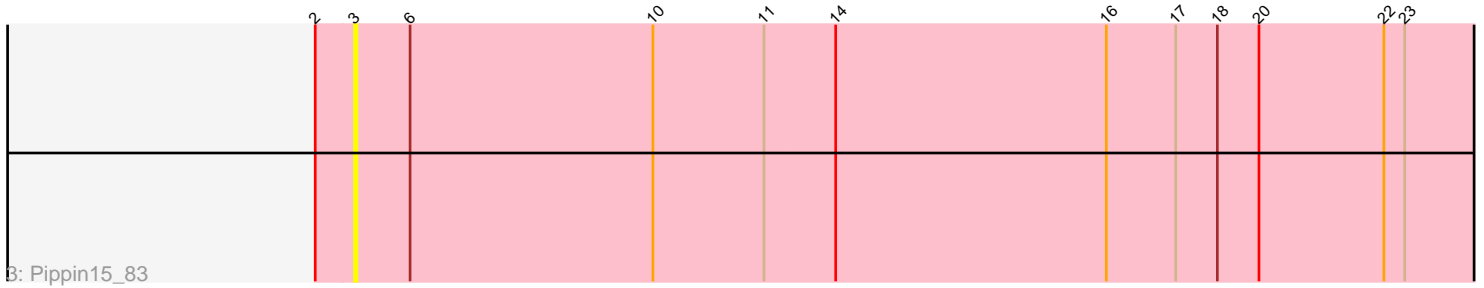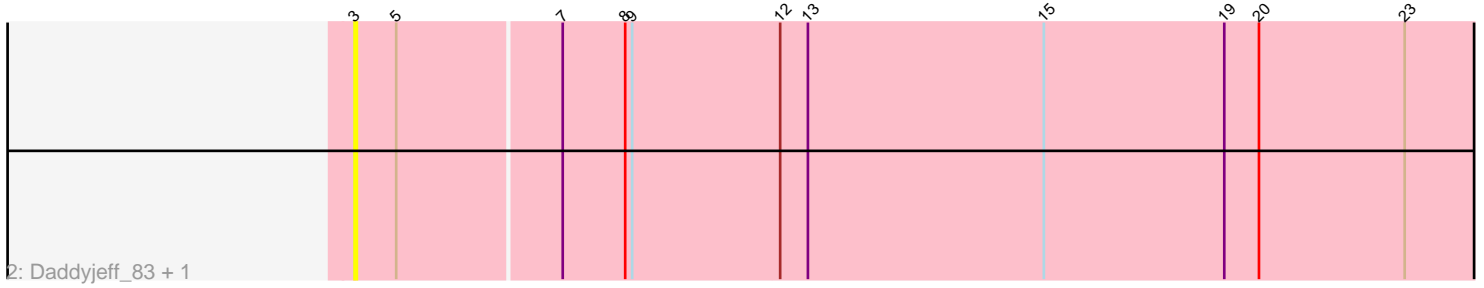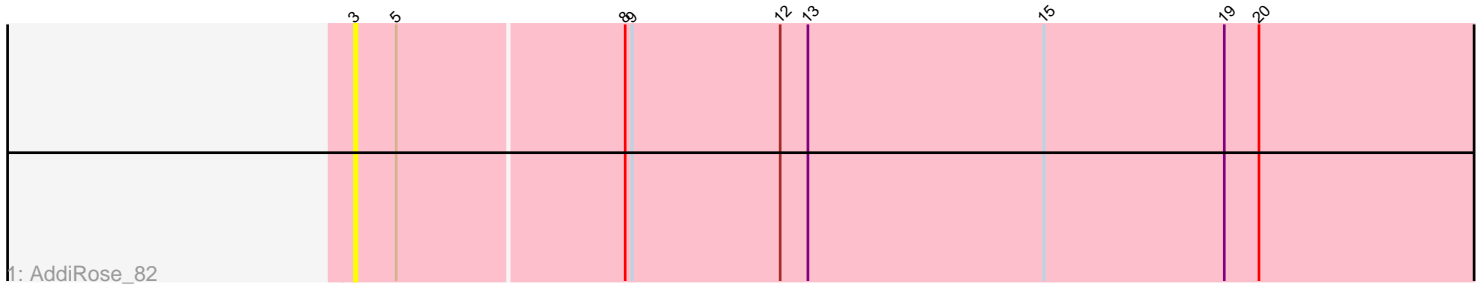# Pham 197144

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 197144 Report

This analysis was run 12/09/24 on database version 580.

Pham number 197144 has 7 members, 7 are drafts.

Phages represented in each track:
• Track 1 : AddiRose_82
• Track 2 : Daddyjeff_83, Serenabean_83
• Track 3 : Pippin15_83
• Track 4 : JoyLin_83
• Track 5 : Yotsuba_82, Eevee_82

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 7 of 7 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 85.7% of time when present
• Phage (with cluster) where this start called: AddiRose_82 (JA), Daddyjeff_83 (JA), Eevee_82 (JA), Pippin15_83 (JA), Serenabean_83 (JA), Yotsuba_82 (JA),

Start 4:
• Found in 3 of 7 (42.9%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: JoyLin_83 (JA),

Summary by clusters:

There is one cluster represented in this pham: JA

Gene Information:
Gene: AddiRose_82 Start: 50059, Stop: 50565, Start Num: 3

Candidate Starts for AddiRose_82:
(3, 50059), (5, 50077), (8, 50173), (9, 50176), (12, 50239), (13, 50251), (15, 50353), (19, 50431), (20, 50446),

Gene: Daddyjeff_83 Start: 50407, Stop: 50913, Start Num: 3
Candidate Starts for Daddyjeff_83:
(3, 50407), (5, 50425), (7, 50494), (8, 50521), (9, 50524), (12, 50587), (13, 50599), (15, 50701), (19, 50779), (20, 50794), (23, 50857),

Gene: Eevee_82 Start: 51707, Stop: 52216, Start Num: 3
Candidate Starts for Eevee_82:
(1, 51587), (3, 51707), (4, 51716), (6, 51731), (11, 51884), (14, 51914), (16, 52031), (17, 52061), (20, 52097), (22, 52151), (23, 52160),

Gene: JoyLin_83 Start: 52468, Stop: 52968, Start Num: 4
Candidate Starts for JoyLin_83:
(1, 52339), (3, 52459), (4, 52468), (6, 52483), (11, 52636), (14, 52666), (16, 52783), (17, 52813), (20, 52849), (21, 52861), (22, 52903), (23, 52912),

Gene: Pippin15_83 Start: 49798, Stop: 50307, Start Num: 3
Candidate Starts for Pippin15_83:
(2, 49786), (3, 49798), (6, 49822), (10, 49927), (11, 49975), (14, 50005), (16, 50122), (17, 50152), (18, 50170), (20, 50188), (22, 50242), (23, 50251),

Gene: Serenabean_83 Start: 50568, Stop: 51074, Start Num: 3
Candidate Starts for Serenabean_83:
(3, 50568), (5, 50586), (7, 50655), (8, 50682), (9, 50685), (12, 50748), (13, 50760), (15, 50862), (19, 50940), (20, 50955), (23, 51018),

Gene: Yotsuba_82 Start: 52477, Stop: 52986, Start Num: 3
Candidate Starts for Yotsuba_82:
(1, 52357), (3, 52477), (4, 52486), (6, 52501), (11, 52654), (14, 52684), (16, 52801), (17, 52831), (20, 52867), (22, 52921), (23, 52930),