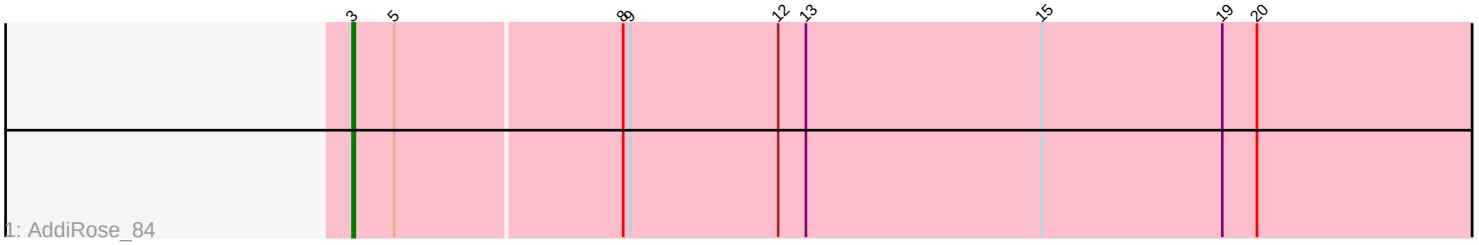
Pham 200958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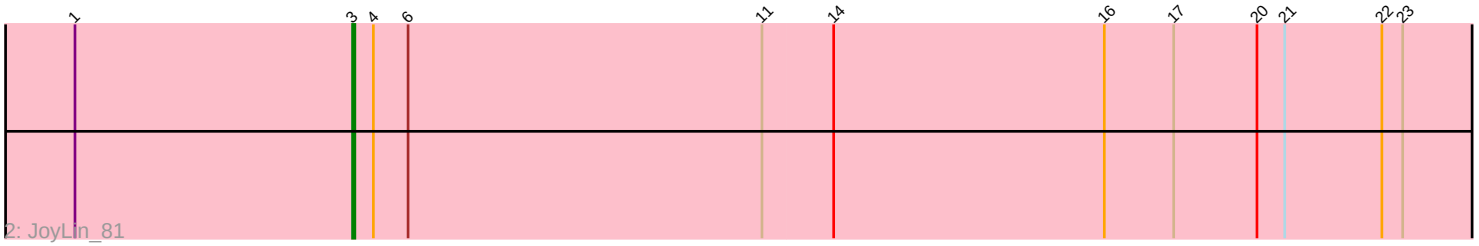
20
1: AddiRose_84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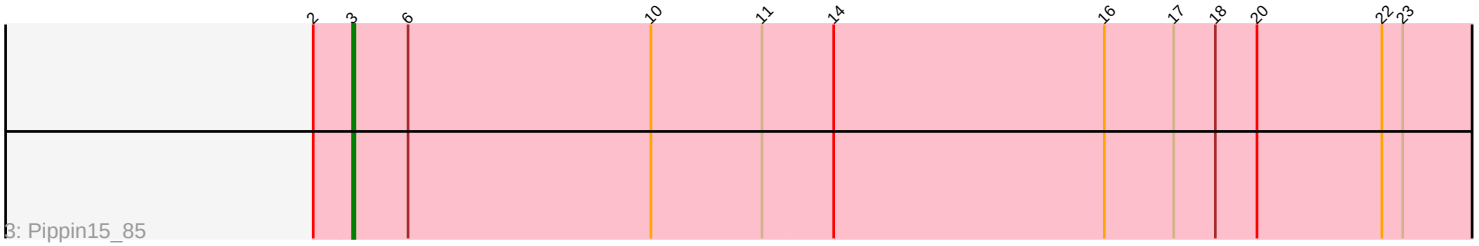
2: JoyLin_81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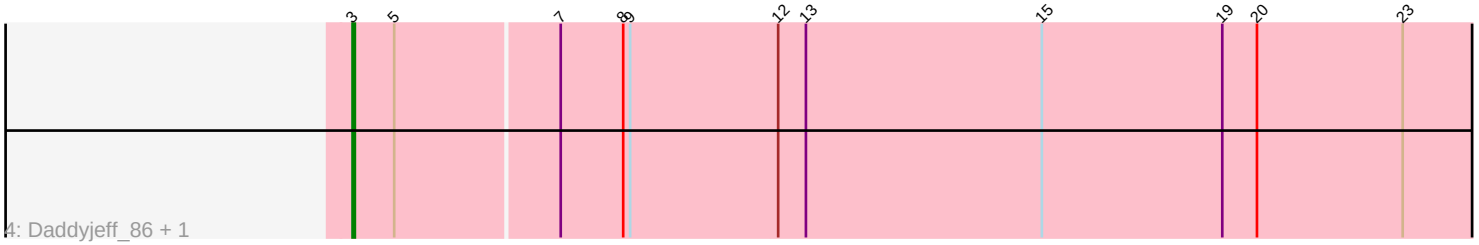
3: Pippin15_85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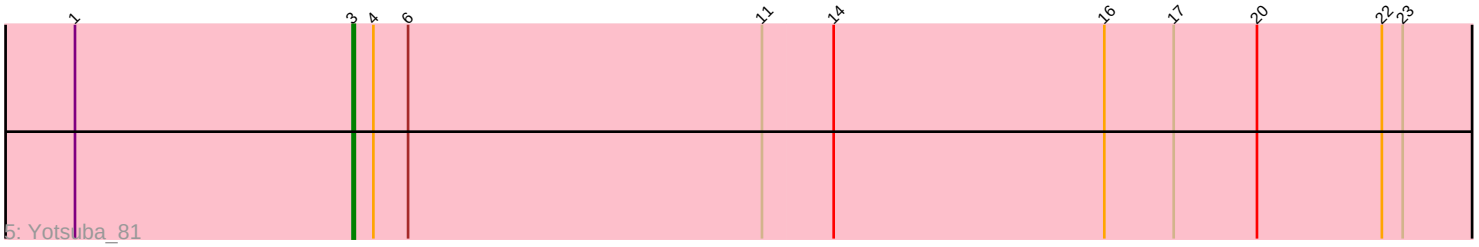
4: Daddyjeff_86 + 1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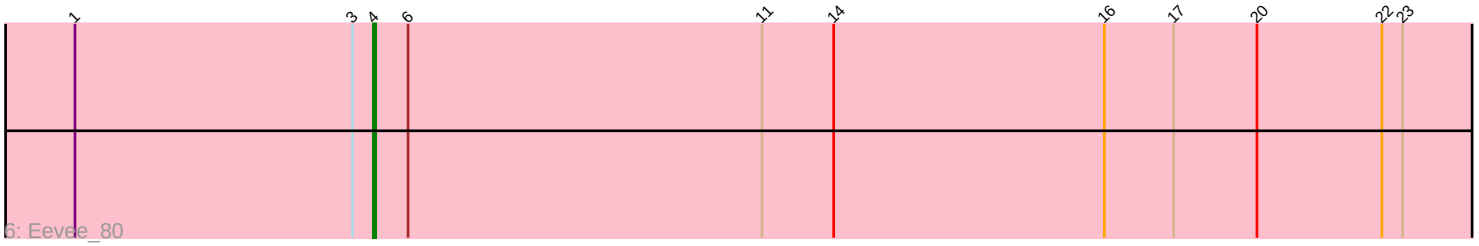
5: Yotsuba_81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6: Eevee_80

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 200958 Report

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

Pham number 200958 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : AddiRose_84
• Track 2 : JoyLin_81
• Track 3 : Pippin15_85
• Track 4 : Daddyjeff_86, Serenabean_86
• Track 5 : Yotsuba_81
• Track 6 : Eevee_80

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

The start number called the most often in the published annotations is 3, it was called in 6 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AddiRose_84, Daddyjeff_86, JoyLin_81, Pippin15_85, Serenabean_86, Yotsuba_81,

Genes that have the "Most Annotated" start but do not call it:
• Eevee_80,

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

Summary by start number:

Start 3:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 7
• Called 85.7% of time when present
• Phage (with cluster) where this start called: AddiRose_84 (JA), Daddyjeff_86 (JA), JoyLin_81 (JA), Pippin15_85 (JA), Serenabean_86 (JA), Yotsuba_81 (JA),

Start 4:
• Found in 3 of 7 (42.9%) of genes in pham
• Manual Annotations of this start: 1 of 7

• Called 33.3% of time when present
• Phage (with cluster) where this start called: Eevee_80 (JA),

Summary by clusters:

There is one cluster represented in this pham: JA

Info for manual annotations of cluster JA:
•Start number 3 was manually annotated 6 times for cluster JA.
•Start number 4 was manually annotated 1 time for cluster JA.

Gene Information:

Gene: AddiRose_84 Start: 50059, Stop: 50565, Start Num: 3
Candidate Starts for AddiRose_84:
(Start: 3 @50059 has 6 MA's), (5, 50077), (8, 50173), (9, 50176), (12, 50239), (13, 50251), (15, 50353), (19, 50431), (20, 50446),

Gene: Daddyjeff_86 Start: 50407, Stop: 50913, Start Num: 3
Candidate Starts for Daddyjeff_86:
(Start: 3 @50407 has 6 MA's), (5, 50425), (7, 50494), (8, 50521), (9, 50524), (12, 50587), (13, 50599), (15, 50701), (19, 50779), (20, 50794), (23, 50857),

Gene: Eevee_80 Start: 51716, Stop: 52216, Start Num: 4
Candidate Starts for Eevee_80:
(1, 51587), (Start: 3 @51707 has 6 MA's), (Start: 4 @51716 has 1 MA's), (6, 51731), (11, 51884), (14, 51914), (16, 52031), (17, 52061), (20, 52097), (22, 52151), (23, 52160),

Gene: JoyLin_81 Start: 52459, Stop: 52968, Start Num: 3
Candidate Starts for JoyLin_81:
(1, 52339), (Start: 3 @52459 has 6 MA's), (Start: 4 @52468 has 1 MA's), (6, 52483), (11, 52636), (14, 52666), (16, 52783), (17, 52813), (20, 52849), (21, 52861), (22, 52903), (23, 52912),

Gene: Pippin15_85 Start: 49798, Stop: 50307, Start Num: 3
Candidate Starts for Pippin15_85:
(2, 49786), (Start: 3 @49798 has 6 MA's), (6, 49822), (10, 49927), (11, 49975), (14, 50005), (16, 50122), (17, 50152), (18, 50170), (20, 50188), (22, 50242), (23, 50251),

Gene: Serenabean_86 Start: 50568, Stop: 51074, Start Num: 3
Candidate Starts for Serenabean_86:
(Start: 3 @50568 has 6 MA's), (5, 50586), (7, 50655), (8, 50682), (9, 50685), (12, 50748), (13, 50760), (15, 50862), (19, 50940), (20, 50955), (23, 51018),

Gene: Yotsuba_81 Start: 52477, Stop: 52986, Start Num: 3
Candidate Starts for Yotsuba_81:
(1, 52357), (Start: 3 @52477 has 6 MA's), (Start: 4 @52486 has 1 MA's), (6, 52501), (11, 52654), (14, 52684), (16, 52801), (17, 52831), (20, 52867), (22, 52921), (23, 52930),