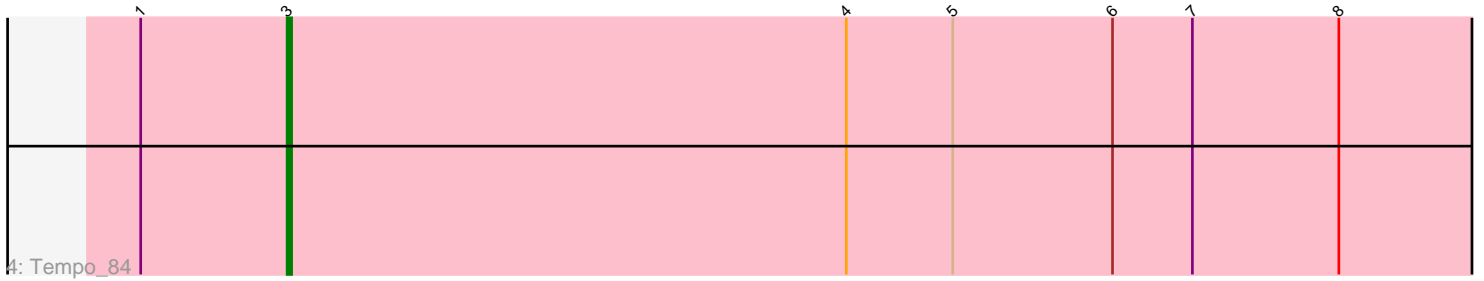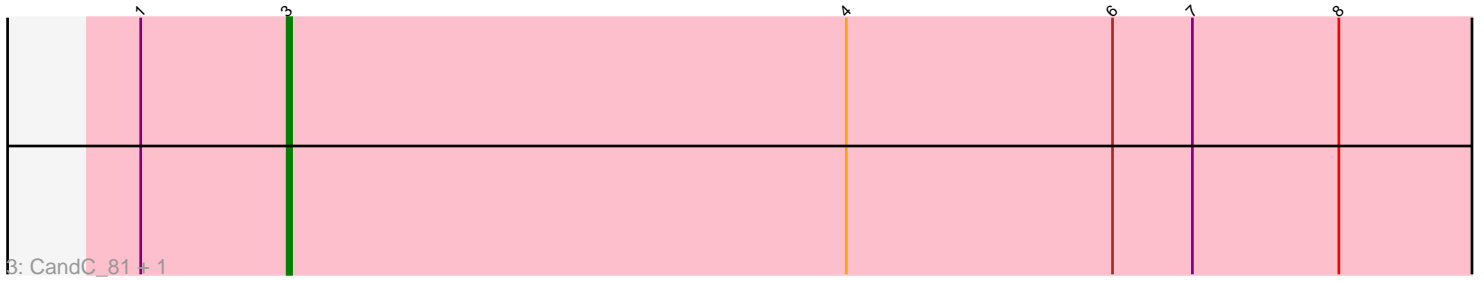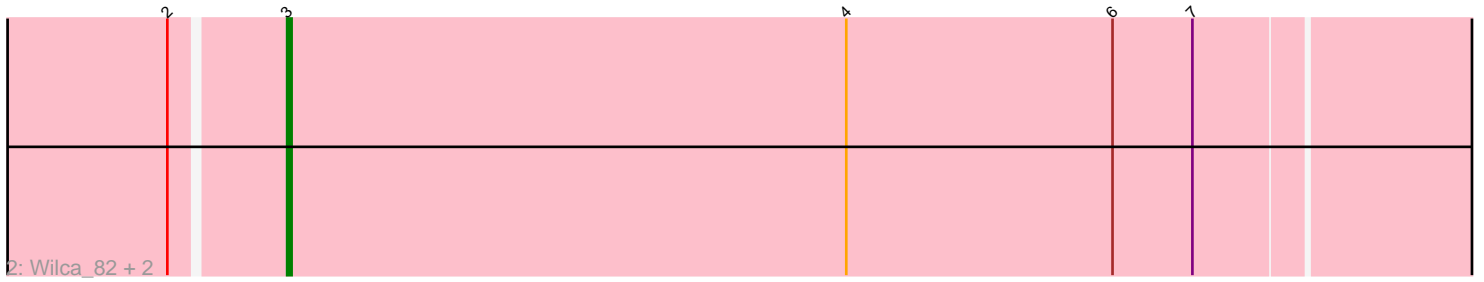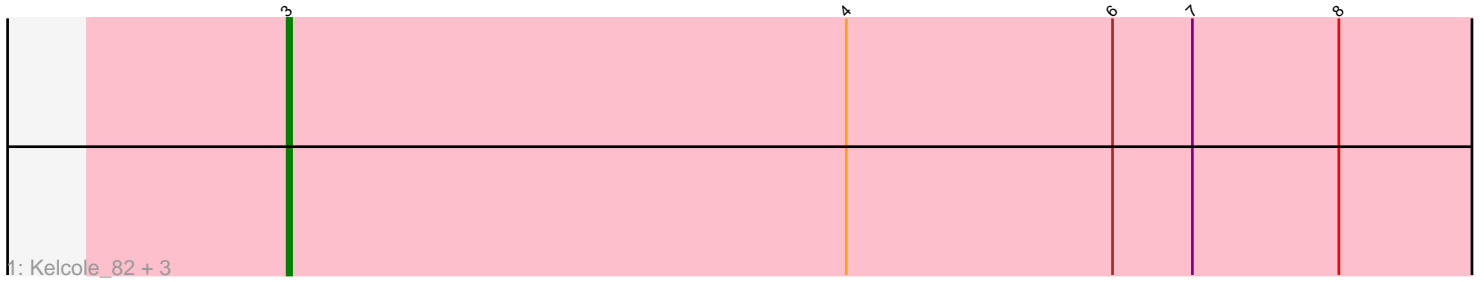# Pham 184198

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 184198 Report

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

Pham number 184198 has 11 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Kelcole_82, Romm_86, RobinRose_86, OneinaGillian_81
• Track 2 : Wilca_82, BirdInFrench_82, Pepe25_80
• Track 3 : CandC_81, Fregley_84
• Track 4 : Tempo_84
• Track 5 : Marcie_88

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BirdInFrench_82, CandC_81, Fregley_84, Kelcole_82, Marcie_88, OneinaGillian_81, Pepe25_80, RobinRose_86, Romm_86, Tempo_84, Wilca_82,

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 3:
• Found in 11 of 11 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BirdInFrench_82 (EG), CandC_81 (EG), Fregley_84 (EG), Kelcole_82 (EG), Marcie_88 (EG), OneinaGillian_81 (EG), Pepe25_80 (EG), RobinRose_86 (EG), Romm_86 (EG), Tempo_84 (EG), Wilca_82 (EG),

Summary by clusters:

There is one cluster represented in this pham: EG

Info for manual annotations of cluster EG:
•Start number 3 was manually annotated 8 times for cluster EG.

Gene Information:

Gene: BirdInFrench_82 Start: 52570, Stop: 52265, Start Num: 3
Candidate Starts for BirdInFrench_82:
(2, 52594), (Start: 3 @52570 has 8 MA's), (4, 52444), (6, 52384), (7, 52366),

Gene: CandC_81 Start: 52207, Stop: 51896, Start Num: 3
Candidate Starts for CandC_81:
(1, 52240), (Start: 3 @52207 has 8 MA's), (4, 52081), (6, 52021), (7, 52003), (8, 51970),

Gene: Fregley_84 Start: 52556, Stop: 52245, Start Num: 3
Candidate Starts for Fregley_84:
(1, 52589), (Start: 3 @52556 has 8 MA's), (4, 52430), (6, 52370), (7, 52352), (8, 52319),

Gene: Kelcole_82 Start: 52779, Stop: 52468, Start Num: 3
Candidate Starts for Kelcole_82:
(Start: 3 @52779 has 8 MA's), (4, 52653), (6, 52593), (7, 52575), (8, 52542),

Gene: Marcie_88 Start: 53436, Stop: 53125, Start Num: 3
Candidate Starts for Marcie_88:
(Start: 3 @53436 has 8 MA's), (6, 53250), (7, 53232),

Gene: OneinaGillian_81 Start: 52103, Stop: 51792, Start Num: 3
Candidate Starts for OneinaGillian_81:
(Start: 3 @52103 has 8 MA's), (4, 51977), (6, 51917), (7, 51899), (8, 51866),

Gene: Pepe25_80 Start: 51489, Stop: 51184, Start Num: 3
Candidate Starts for Pepe25_80:
(2, 51513), (Start: 3 @51489 has 8 MA's), (4, 51363), (6, 51303), (7, 51285),

Gene: RobinRose_86 Start: 53208, Stop: 52897, Start Num: 3
Candidate Starts for RobinRose_86:
(Start: 3 @53208 has 8 MA's), (4, 53082), (6, 53022), (7, 53004), (8, 52971),

Gene: Romm_86 Start: 53205, Stop: 52894, Start Num: 3
Candidate Starts for Romm_86:
(Start: 3 @53205 has 8 MA's), (4, 53079), (6, 53019), (7, 53001), (8, 52968),

Gene: Tempo_84 Start: 52900, Stop: 52589, Start Num: 3
Candidate Starts for Tempo_84:
(1, 52933), (Start: 3 @52900 has 8 MA's), (4, 52774), (5, 52750), (6, 52714), (7, 52696), (8, 52663),

Gene: Wilca_82 Start: 52570, Stop: 52265, Start Num: 3
Candidate Starts for Wilca_82:
(2, 52594), (Start: 3 @52570 has 8 MA's), (4, 52444), (6, 52384), (7, 52366),