Pham 216813

1: BirdInFrench_98 + 1
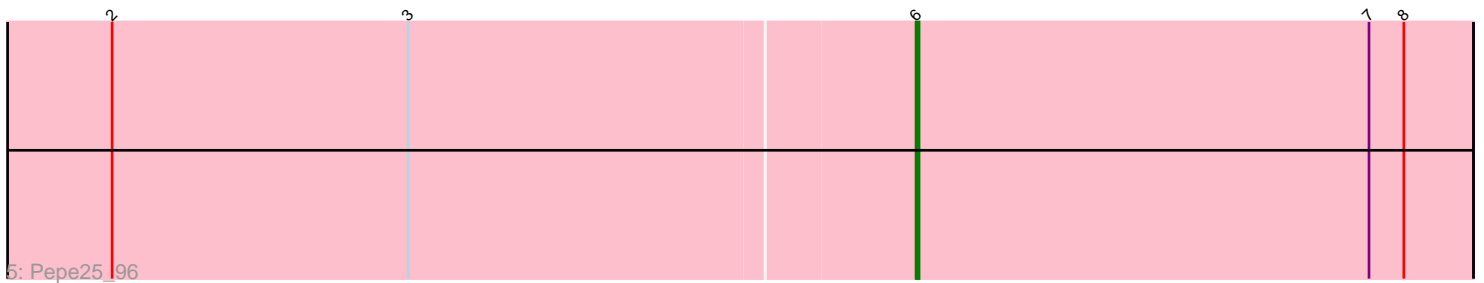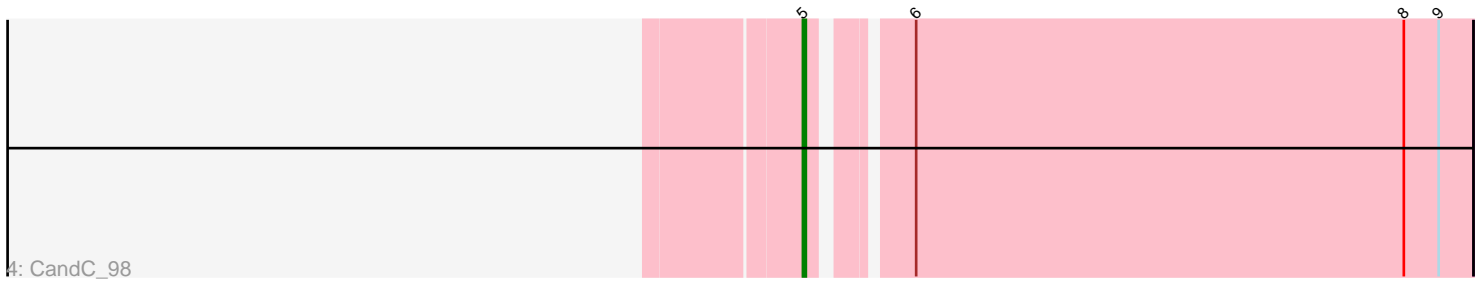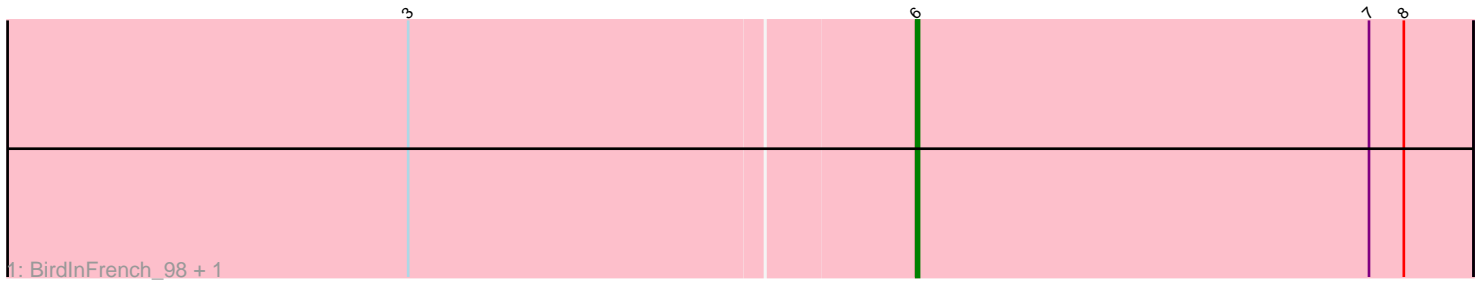
2: Marcie_104

3: RobinRose_102 + 3

4: CandC_98

5: Pepe25_96

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 216813 Report

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

Pham number 216813 has 9 members, 1 are drafts.

Phages represented in each track:
• Track 1 : BirdInFrench_98, Wilca_98
• Track 2 : Marcie_104
• Track 3 : RobinRose_102, Tempo_101, Romm_102, OneinaGillian_97
• Track 4 : CandC_98
• Track 5 : Pepe25_96

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

The start number called the most often in the published annotations is 6, it was called in 7 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BirdInFrench_98, Marcie_104, OneinaGillian_97, Pepe25_96, RobinRose_102, Romm_102, Tempo_101, Wilca_98,

Genes that have the "Most Annotated" start but do not call it:
• CandC_98,

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

Summary by start number:

Start 5:
• Found in 1 of 9 (11.1%) of genes in pham
• Manual Annotations of this start: 1 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CandC_98 (EG),

Start 6:
• Found in 9 of 9 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 8
• Called 88.9% of time when present

• Phage (with cluster) where this start called: BirdInFrench_98 (EG), Marcie_104 (EG), OneinaGillian_97 (EG), Pepe25_96 (EG), RobinRose_102 (EG), Romm_102 (EG), Tempo_101 (EG), Wilca_98 (EG),

Summary by clusters:

There is one cluster represented in this pham: EG

Info for manual annotations of cluster EG:
•Start number 5 was manually annotated 1 time for cluster EG.
•Start number 6 was manually annotated 7 times for cluster EG.

Gene Information:
Gene: BirdInFrench_98 Start: 59293, Stop: 59102, Start Num: 6
Candidate Starts for BirdInFrench_98:
(3, 59464), (Start: 6 @59293 has 7 MA's), (7, 59137), (8, 59125),

Gene: CandC_98 Start: 59455, Stop: 59237, Start Num: 5
Candidate Starts for CandC_98:
(Start: 5 @59455 has 1 MA's), (Start: 6 @59428 has 7 MA's), (8, 59260), (9, 59248),

Gene: Marcie_104 Start: 60112, Stop: 59921, Start Num: 6
Candidate Starts for Marcie_104:
(Start: 6 @60112 has 7 MA's), (7, 59956), (8, 59944), (9, 59932),

Gene: OneinaGillian_97 Start: 58922, Stop: 58731, Start Num: 6
Candidate Starts for OneinaGillian_97:
(1, 59201), (2, 59195), (4, 59048), (Start: 6 @58922 has 7 MA's), (8, 58754), (9, 58742),

Gene: Pepe25_96 Start: 58212, Stop: 58021, Start Num: 6
Candidate Starts for Pepe25_96:
(2, 58485), (3, 58383), (Start: 6 @58212 has 7 MA's), (7, 58056), (8, 58044),

Gene: RobinRose_102 Start: 60050, Stop: 59859, Start Num: 6
Candidate Starts for RobinRose_102:
(1, 60329), (2, 60323), (4, 60176), (Start: 6 @60050 has 7 MA's), (8, 59882), (9, 59870),

Gene: Romm_102 Start: 60047, Stop: 59856, Start Num: 6
Candidate Starts for Romm_102:
(1, 60326), (2, 60320), (4, 60173), (Start: 6 @60047 has 7 MA's), (8, 59879), (9, 59867),

Gene: Tempo_101 Start: 60084, Stop: 59893, Start Num: 6
Candidate Starts for Tempo_101:
(1, 60363), (2, 60357), (4, 60210), (Start: 6 @60084 has 7 MA's), (8, 59916), (9, 59904),

Gene: Wilca_98 Start: 59293, Stop: 59102, Start Num: 6
Candidate Starts for Wilca_98:
(3, 59464), (Start: 6 @59293 has 7 MA's), (7, 59137), (8, 59125),