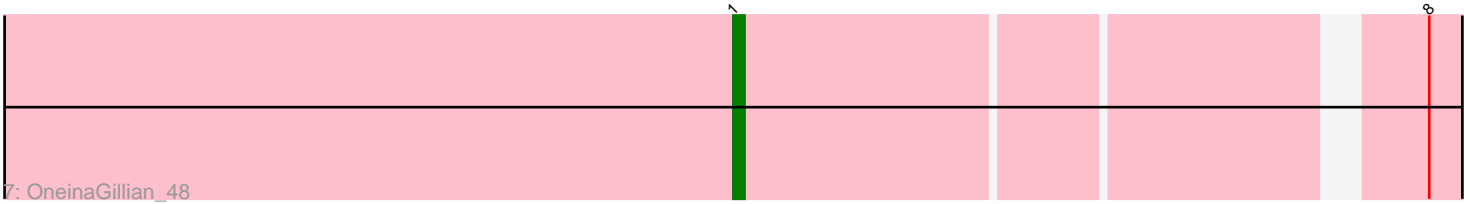
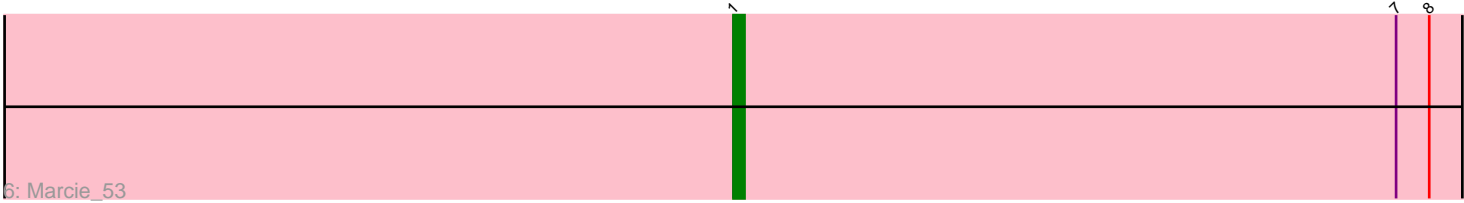
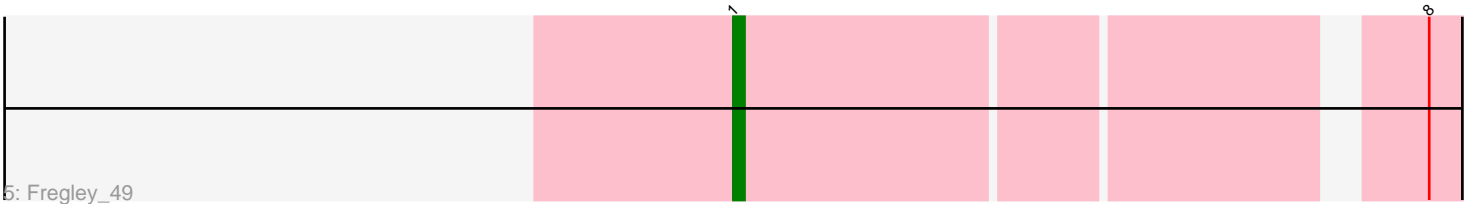
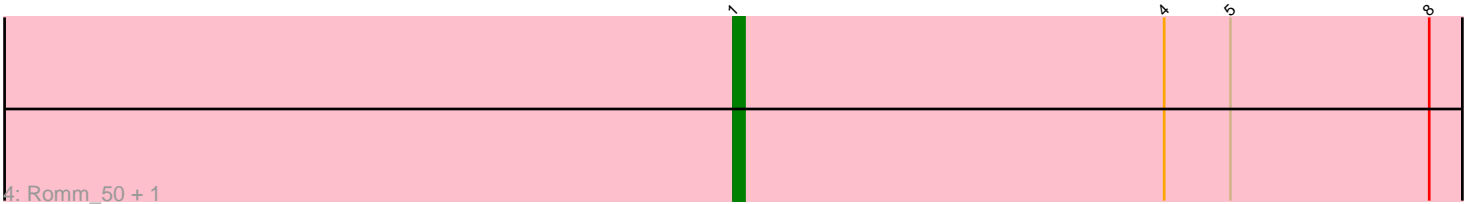
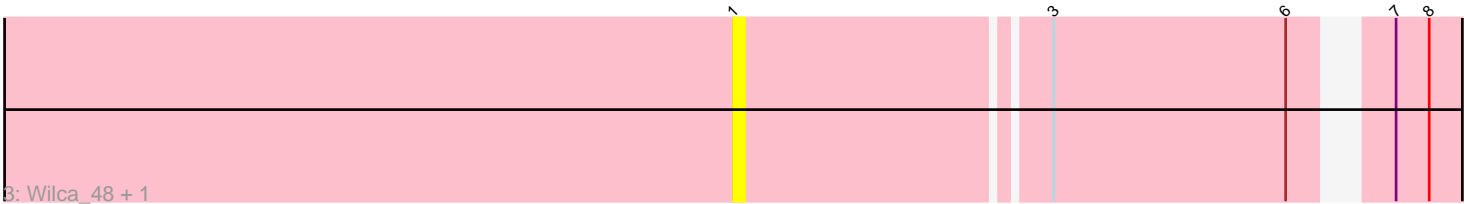
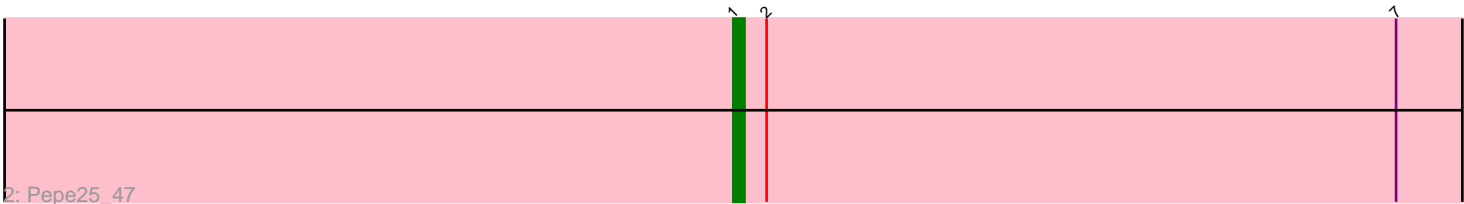
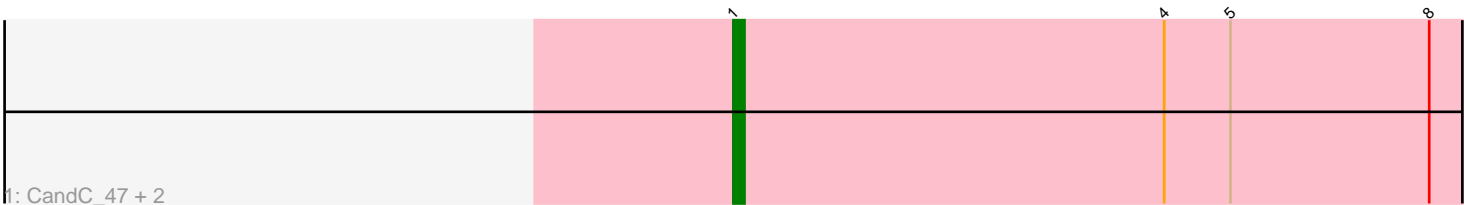


Zoomed Pham 6949



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 6949 Report

This analysis was run 04/05/24 on database version 557.

Pham number 6949 has 11 members, 3 are drafts.

Phages represented in each track:

- Track 1 : CandC_47, Kelcole_47, Tempo_48
- Track 2 : Pepe25_47
- Track 3 : Wilca_48, BirdInFrench_48
- Track 4 : Romm_50, RobinRose_50
- Track 5 : Fregley_49
- Track 6 : Marcie_53
- Track 7 : OneinaGillian_48

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

The start number called the most often in the published annotations is 1, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- BirdInFrench_48, CandC_47, Fregley_49, Kelcole_47, Marcie_53, OneinaGillian_48, Pepe25_47, RobinRose_50, Romm_50, Tempo_48, Wilca_48,

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 1:

- 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_48 (EG), CandC_47 (EG), Fregley_49 (EG), Kelcole_47 (EG), Marcie_53 (EG), OneinaGillian_48 (EG), Pepe25_47 (EG), RobinRose_50 (EG), Romm_50 (EG), Tempo_48 (EG), Wilca_48 (EG),

Summary by clusters:

There is one cluster represented in this pham: EG

Info for manual annotations of cluster EG:

- Start number 1 was manually annotated 8 times for cluster EG.

Gene Information:

Gene: BirdInFrench_48 Start: 34800, Stop: 34633, Start Num: 1

Candidate Starts for BirdInFrench_48:

(Start: 1 @34800 has 8 MA's), (3, 34773), (6, 34752), (7, 34746), (8, 34743),

Gene: CandC_47 Start: 35164, Stop: 34988, Start Num: 1

Candidate Starts for CandC_47:

(Start: 1 @35164 has 8 MA's), (4, 35125), (5, 35119), (8, 35101), (15, 35032),

Gene: Fregley_49 Start: 35725, Stop: 35558, Start Num: 1

Candidate Starts for Fregley_49:

(Start: 1 @35725 has 8 MA's), (8, 35668), (9, 35653), (10, 35638), (12, 35626), (15, 35599),

Gene: Kelcole_47 Start: 35616, Stop: 35440, Start Num: 1

Candidate Starts for Kelcole_47:

(Start: 1 @35616 has 8 MA's), (4, 35577), (5, 35571), (8, 35553), (15, 35484),

Gene: Marcie_53 Start: 36233, Stop: 36060, Start Num: 1

Candidate Starts for Marcie_53:

(Start: 1 @36233 has 8 MA's), (7, 36173), (8, 36170), (11, 36131), (13, 36125), (14, 36116), (15, 36101),

Gene: OneinaGillian_48 Start: 35261, Stop: 35094, Start Num: 1

Candidate Starts for OneinaGillian_48:

(Start: 1 @35261 has 8 MA's), (8, 35204), (9, 35189), (10, 35174), (12, 35162), (15, 35135),

Gene: Pepe25_47 Start: 34812, Stop: 34639, Start Num: 1

Candidate Starts for Pepe25_47:

(Start: 1 @34812 has 8 MA's), (2, 34809), (7, 34752), (14, 34695), (15, 34680),

Gene: RobinRose_50 Start: 35770, Stop: 35594, Start Num: 1

Candidate Starts for RobinRose_50:

(Start: 1 @35770 has 8 MA's), (4, 35731), (5, 35725), (8, 35707), (15, 35638),

Gene: Romm_50 Start: 35770, Stop: 35594, Start Num: 1

Candidate Starts for Romm_50:

(Start: 1 @35770 has 8 MA's), (4, 35731), (5, 35725), (8, 35707), (15, 35638),

Gene: Tempo_48 Start: 35649, Stop: 35473, Start Num: 1

Candidate Starts for Tempo_48:

(Start: 1 @35649 has 8 MA's), (4, 35610), (5, 35604), (8, 35586), (15, 35517),

Gene: Wilca_48 Start: 34800, Stop: 34633, Start Num: 1

Candidate Starts for Wilca_48:

(Start: 1 @34800 has 8 MA's), (3, 34773), (6, 34752), (7, 34746), (8, 34743),