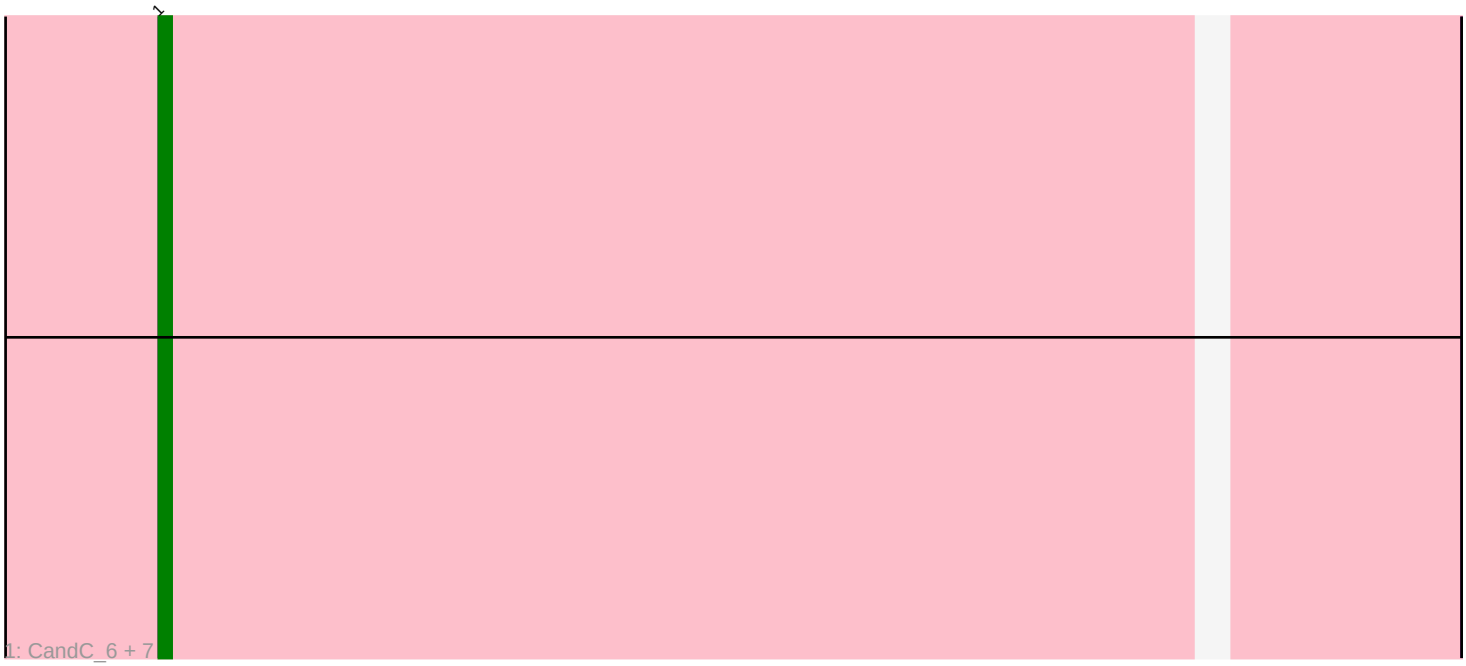
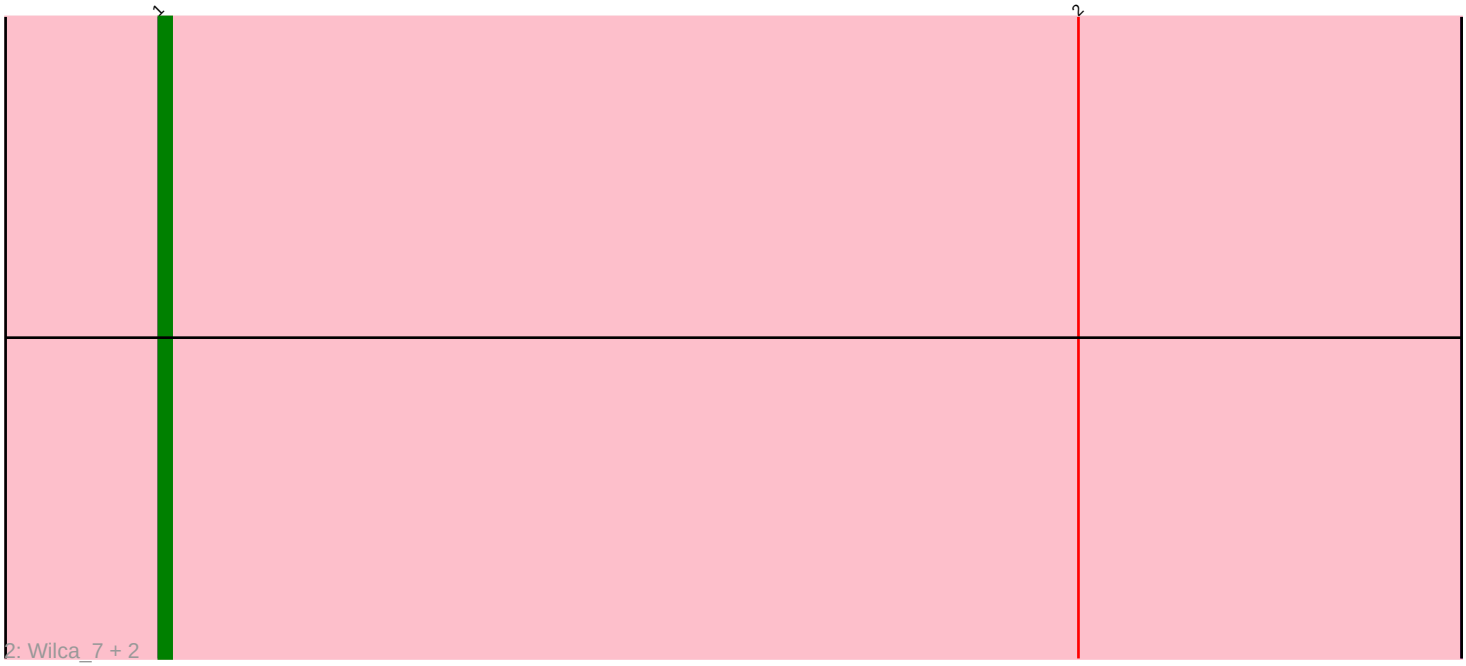
Pham 6792





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 6792 Report

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

Pham number 6792 has 11 members, 3 are drafts.

Phages represented in each track:
• Track 1 : CandC_6, Kelcole_5, Marcie_11, Romm_7, Tempo_6, RobinRose_7, OneinaGillian_6, Fregley_8
• Track 2 : Wilca_7, Pepe25_6, BirdInFrench_7

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_7, CandC_6, Fregley_8, Kelcole_5, Marcie_11, OneinaGillian_6, Pepe25_6, RobinRose_7, Romm_7, Tempo_6, Wilca_7,

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_7 (EG), CandC_6 (EG), Fregley_8 (EG), Kelcole_5 (EG), Marcie_11 (EG), OneinaGillian_6 (EG), Pepe25_6 (EG), RobinRose_7 (EG), Romm_7 (EG), Tempo_6 (EG), Wilca_7 (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_7 Start: 2093, Stop: 1992, Start Num: 1
Candidate Starts for BirdInFrench_7:
(Start: 1 @2093 has 8 MA's), (2, 2021),

Gene: CandC_6 Start: 1860, Stop: 1762, Start Num: 1
Candidate Starts for CandC_6:
(Start: 1 @1860 has 8 MA's),

Gene: Fregley_8 Start: 2398, Stop: 2300, Start Num: 1
Candidate Starts for Fregley_8:
(Start: 1 @2398 has 8 MA's),

Gene: Kelcole_5 Start: 2007, Stop: 1909, Start Num: 1
Candidate Starts for Kelcole_5:
(Start: 1 @2007 has 8 MA's),

Gene: Marcie_11 Start: 2660, Stop: 2559, Start Num: 1
Candidate Starts for Marcie_11:
(Start: 1 @2660 has 8 MA's),

Gene: OneinaGillian_6 Start: 1647, Stop: 1546, Start Num: 1
Candidate Starts for OneinaGillian_6:
(Start: 1 @1647 has 8 MA's),

Gene: Pepe25_6 Start: 2093, Stop: 1992, Start Num: 1
Candidate Starts for Pepe25_6:
(Start: 1 @2093 has 8 MA's), (2, 2021),

Gene: RobinRose_7 Start: 1836, Stop: 1738, Start Num: 1
Candidate Starts for RobinRose_7:
(Start: 1 @1836 has 8 MA's),

Gene: Romm_7 Start: 1836, Stop: 1738, Start Num: 1
Candidate Starts for Romm_7:
(Start: 1 @1836 has 8 MA's),

Gene: Tempo_6 Start: 2028, Stop: 1930, Start Num: 1
Candidate Starts for Tempo_6:
(Start: 1 @2028 has 8 MA's),

Gene: Wilca_7 Start: 2093, Stop: 1992, Start Num: 1
Candidate Starts for Wilca_7:
(Start: 1 @2093 has 8 MA's), (2, 2021),