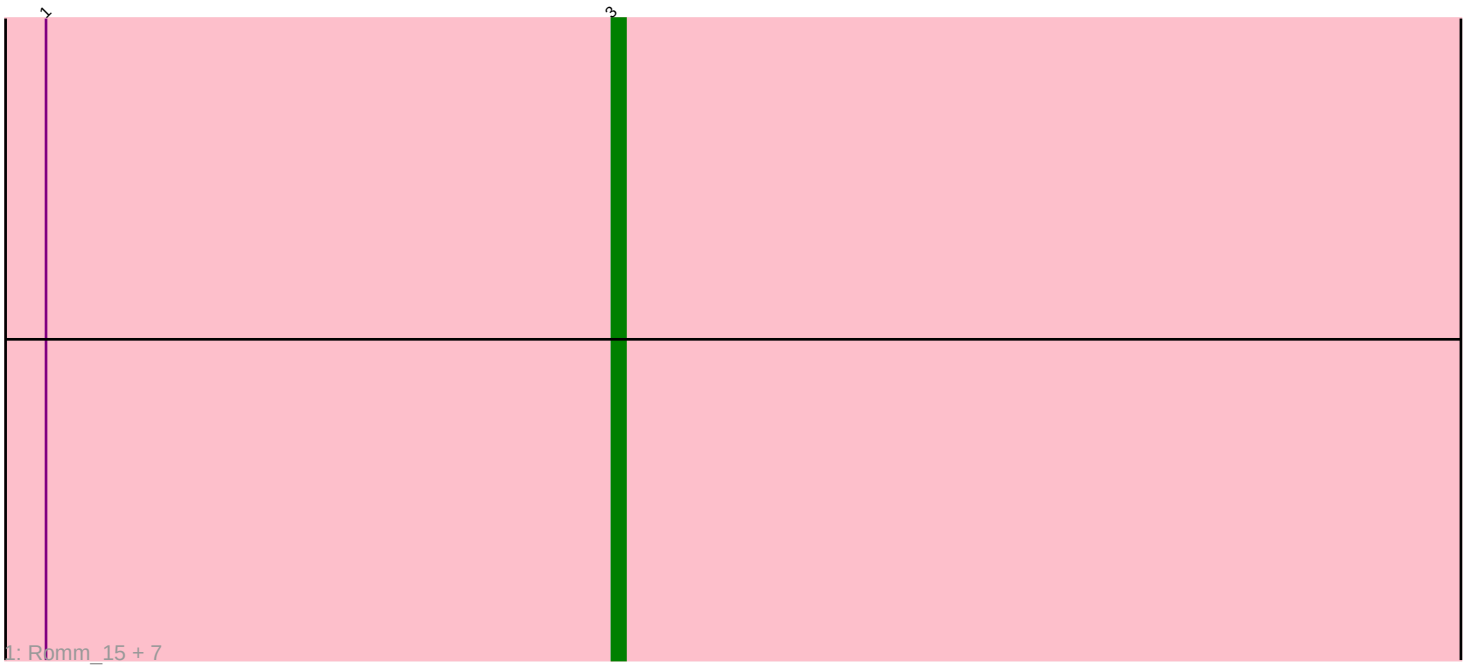
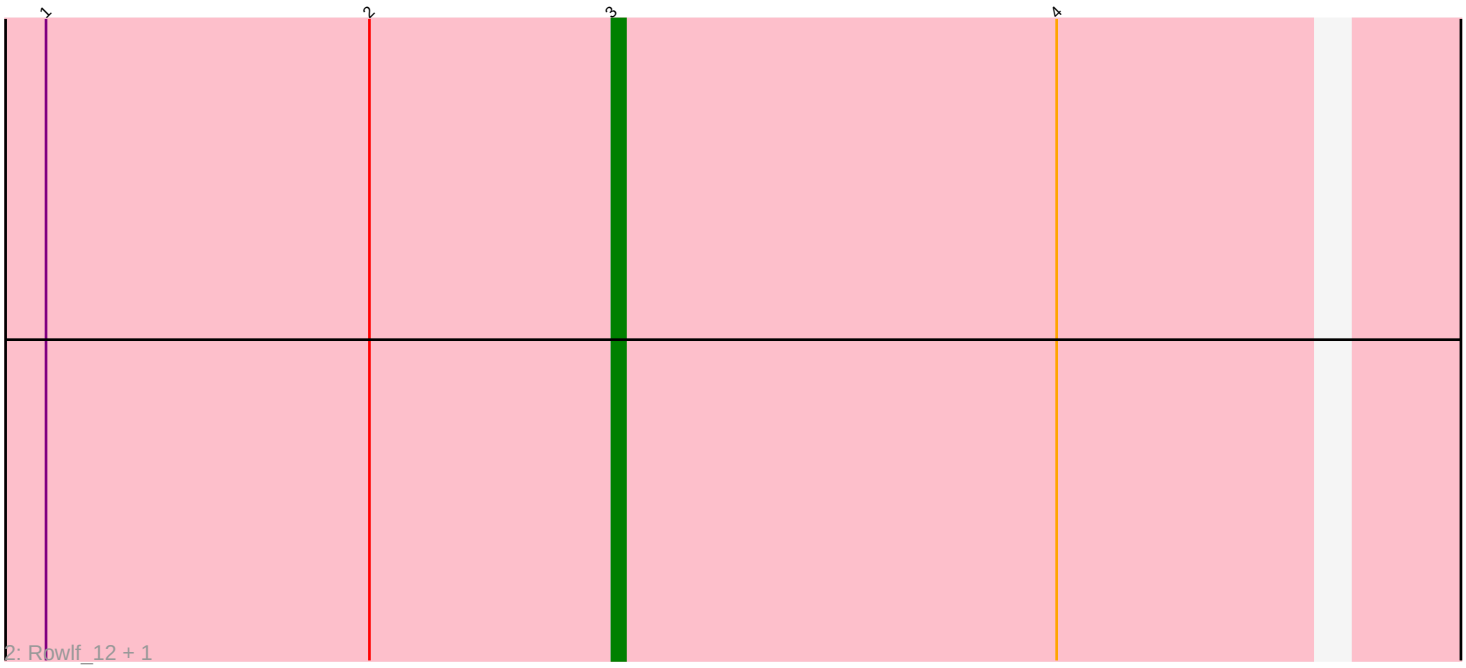
Pham 158363





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 158363 Report

This analysis was run 04/13/24 on database version 558.

Pham number 158363 has 10 members, 4 are drafts.

Phages represented in each track:
• Track 1 : Romm_15, BirdInFrench_15, Pepe25_14, OneinaGillian_14, RobinRose_15, Kelcole_13, Tempo_14, Wilca_15
• Track 2 : Rowlf_12, Nike_16

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 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BirdInFrench_15, Kelcole_13, Nike_16, OneinaGillian_14, Pepe25_14, RobinRose_15, Romm_15, Rowlf_12, Tempo_14, Wilca_15,

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 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BirdInFrench_15 (EG), Kelcole_13 (EG), Nike_16 (EG), OneinaGillian_14 (EG), Pepe25_14 (EG), RobinRose_15 (EG), Romm_15 (EG), Rowlf_12 (EG), Tempo_14 (EG), Wilca_15 (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 6 times for cluster EG.

Gene Information:

Gene: BirdInFrench_15 Start: 4183, Stop: 4311, Start Num: 3
Candidate Starts for BirdInFrench_15:
(1, 4141), (Start: 3 @4183 has 6 MA's),

Gene: Kelcole_13 Start: 4081, Stop: 4206, Start Num: 3
Candidate Starts for Kelcole_13:
(1, 4039), (Start: 3 @4081 has 6 MA's),

Gene: Nike_16 Start: 5441, Stop: 5554, Start Num: 3
Candidate Starts for Nike_16:
(1, 5399), (2, 5423), (Start: 3 @5441 has 6 MA's), (4, 5474),

Gene: OneinaGillian_14 Start: 3757, Stop: 3885, Start Num: 3
Candidate Starts for OneinaGillian_14:
(1, 3715), (Start: 3 @3757 has 6 MA's),

Gene: Pepe25_14 Start: 4183, Stop: 4311, Start Num: 3
Candidate Starts for Pepe25_14:
(1, 4141), (Start: 3 @4183 has 6 MA's),

Gene: RobinRose_15 Start: 3910, Stop: 4038, Start Num: 3
Candidate Starts for RobinRose_15:
(1, 3868), (Start: 3 @3910 has 6 MA's),

Gene: Romm_15 Start: 3910, Stop: 4038, Start Num: 3
Candidate Starts for Romm_15:
(1, 3868), (Start: 3 @3910 has 6 MA's),

Gene: Rowlf_12 Start: 4248, Stop: 4361, Start Num: 3
Candidate Starts for Rowlf_12:
(1, 4206), (2, 4230), (Start: 3 @4248 has 6 MA's), (4, 4281),

Gene: Tempo_14 Start: 4105, Stop: 4233, Start Num: 3
Candidate Starts for Tempo_14:
(1, 4063), (Start: 3 @4105 has 6 MA's),

Gene: Wilca_15 Start: 4183, Stop: 4311, Start Num: 3
Candidate Starts for Wilca_15:
(1, 4141), (Start: 3 @4183 has 6 MA's),