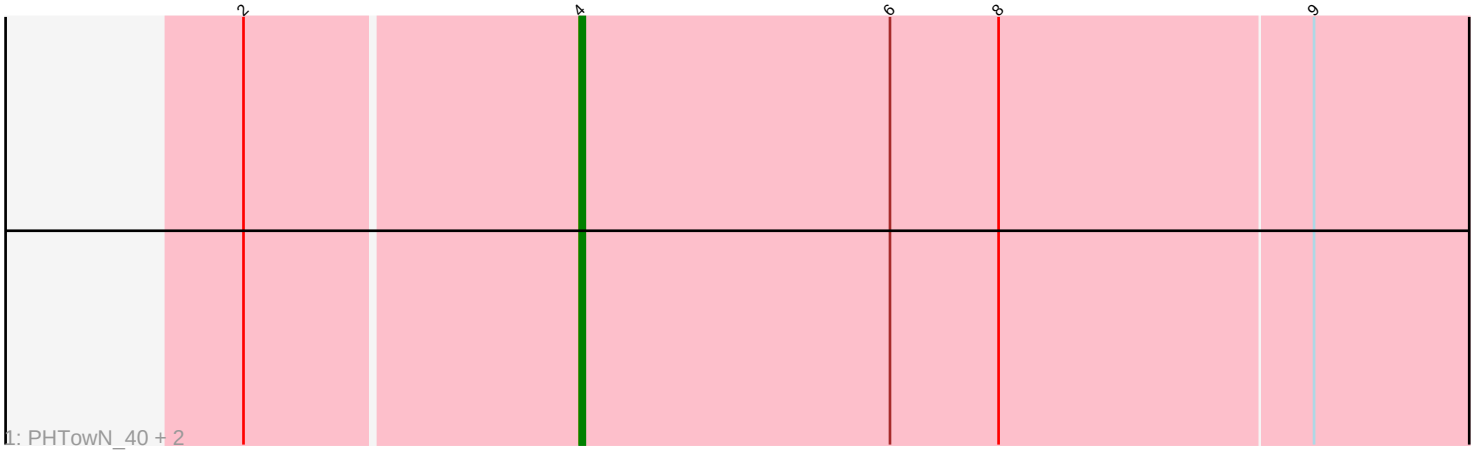
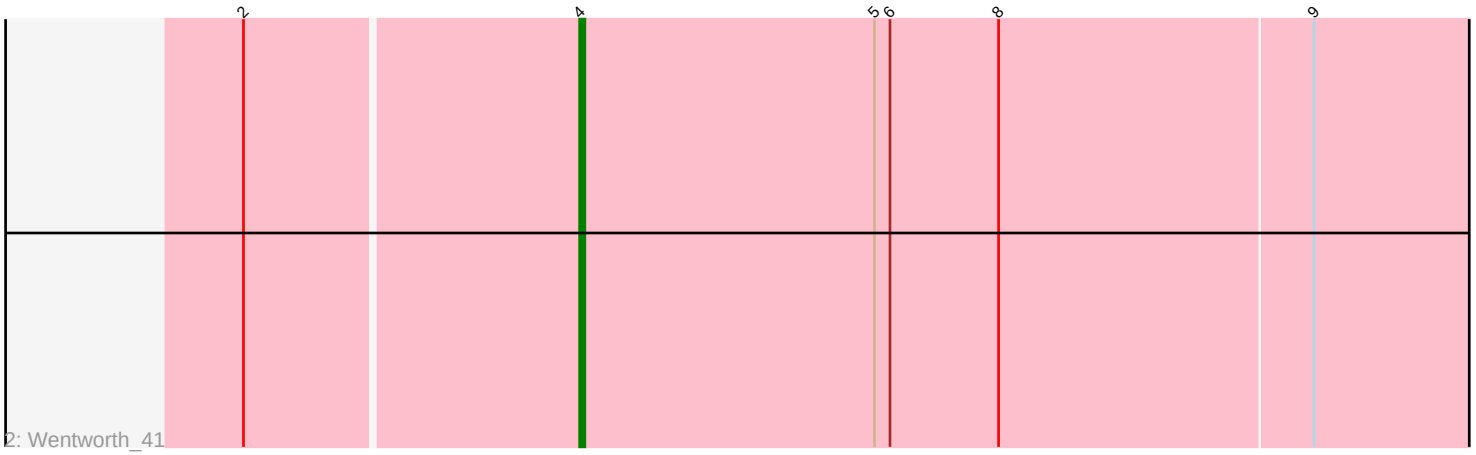
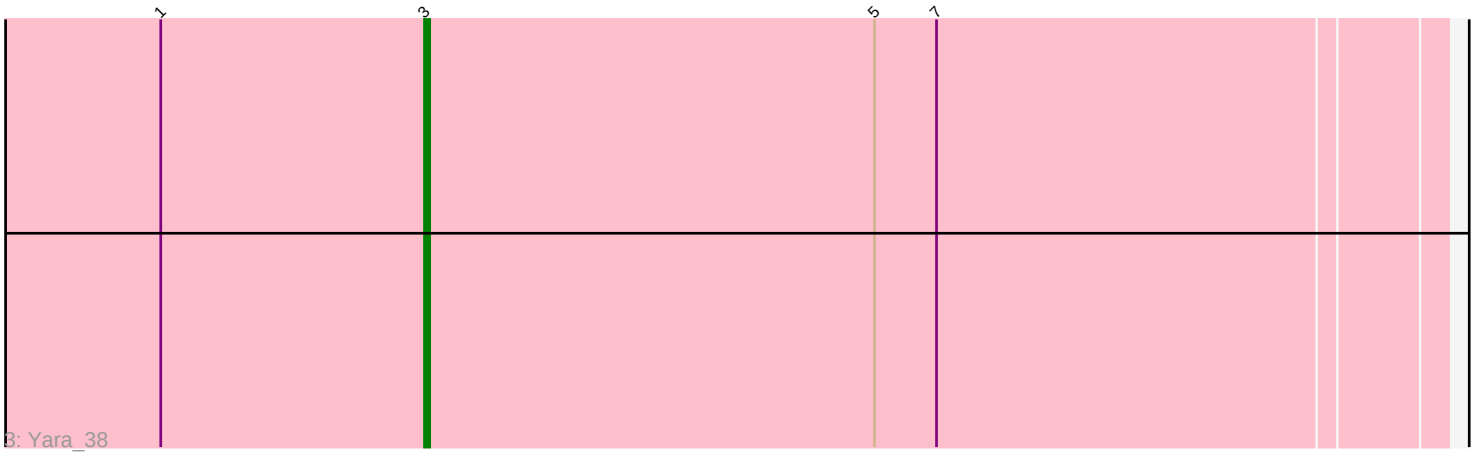
Pham 346613







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 346613 Report

This analysis was run 11/14/26 on database version 672.

Pham number 346613 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : PHTowN_40, ShakeNBake_40, Lizz_40
• Track 2 : Wentworth_41
• Track 3 : Yara_38

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

The start number called the most often in the published annotations is 4, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Lizz_40, PHTowN_40, ShakeNBake_40, Wentworth_41,

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

Genes that do not have the "Most Annotated" start:
• Yara_38,

Summary by start number:

Start 3:
• Found in 1 of 5 (20.0%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Yara_38 (BN),

Start 4:
• Found in 4 of 5 (80.0%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Lizz_40 (BN), PHTowN_40 (BN), ShakeNBake_40 (BN), Wentworth_41 (BN),

Summary by clusters:

There is one cluster represented in this pham: BN

Info for manual annotations of cluster BN:
•Start number 3 was manually annotated 1 time for cluster BN.
•Start number 4 was manually annotated 4 times for cluster BN.

Gene Information:

Gene: Lizz_40 Start: 31833, Stop: 31636, Start Num: 4
Candidate Starts for Lizz_40:
(2, 31896), (Start: 4 @31833 has 4 MA's), (6, 31773), (8, 31752), (9, 31692),

Gene: PHTowN_40 Start: 31831, Stop: 31634, Start Num: 4
Candidate Starts for PHTowN_40:
(2, 31894), (Start: 4 @31831 has 4 MA's), (6, 31771), (8, 31750), (9, 31690),

Gene: ShakeNBake_40 Start: 31849, Stop: 31652, Start Num: 4
Candidate Starts for ShakeNBake_40:
(2, 31912), (Start: 4 @31849 has 4 MA's), (6, 31789), (8, 31768), (9, 31708),

Gene: Wentworth_41 Start: 32318, Stop: 32121, Start Num: 4
Candidate Starts for Wentworth_41:
(2, 32381), (Start: 4 @32318 has 4 MA's), (5, 32261), (6, 32258), (8, 32237), (9, 32177),

Gene: Yara_38 Start: 31313, Stop: 31119, Start Num: 3
Candidate Starts for Yara_38:
(1, 31364), (Start: 3 @31313 has 1 MA's), (5, 31226), (7, 31214),