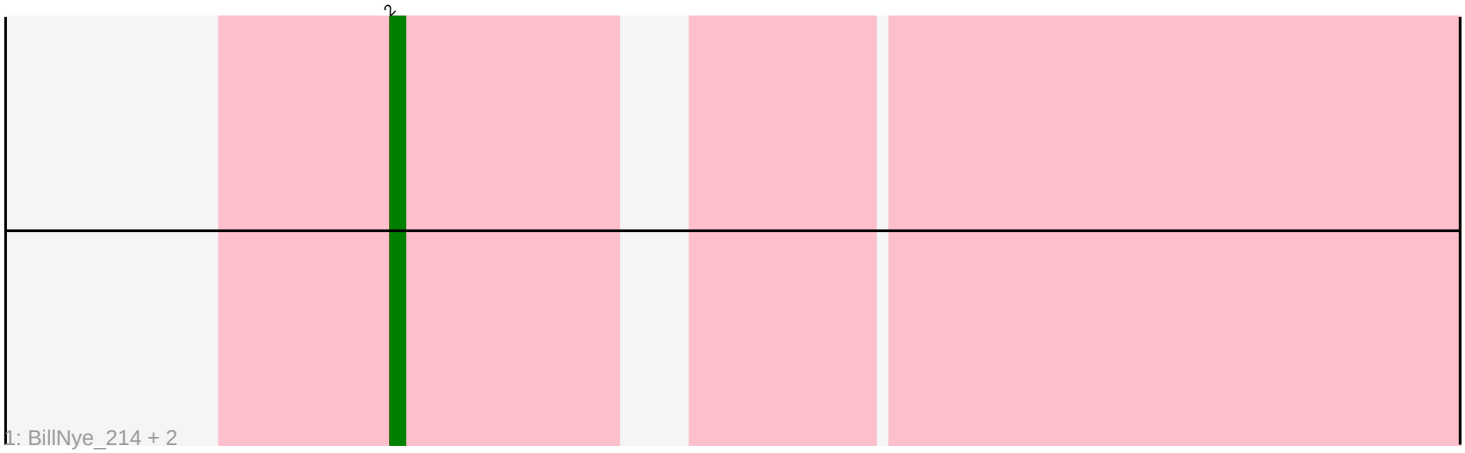
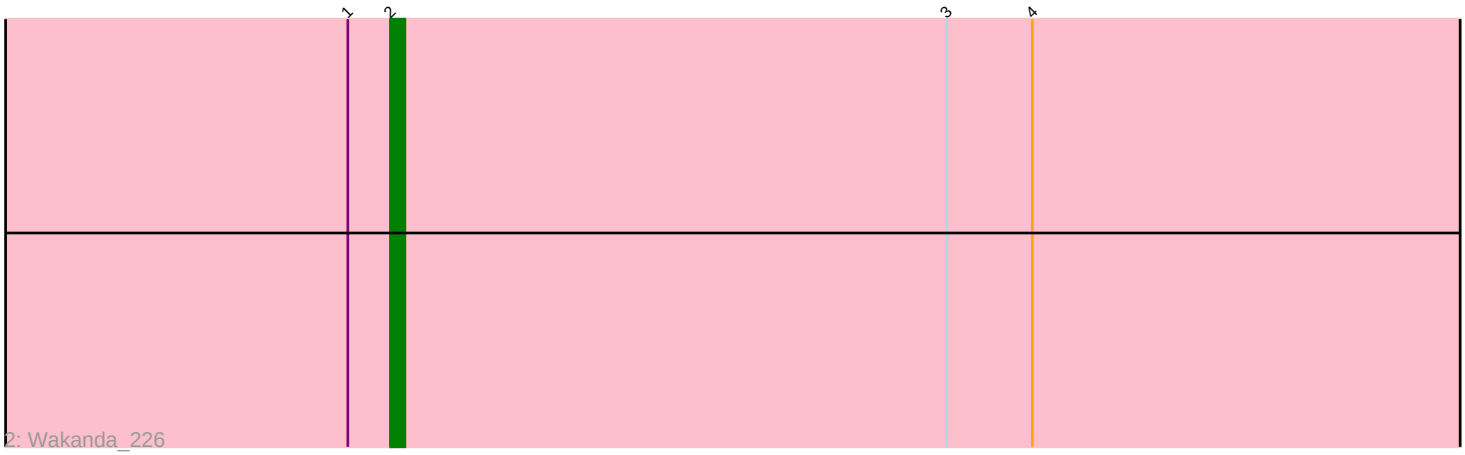
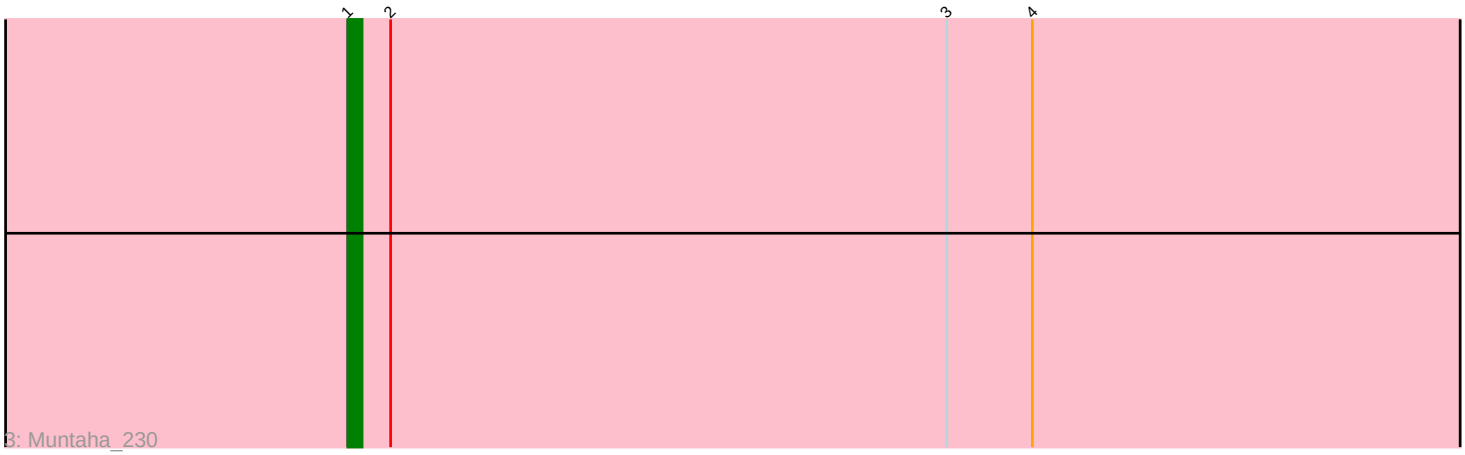
Pham 344808







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 344808 Report

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

Pham number 344808 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : BillNye_214, Circinus_214, Chaewon_218
• Track 2 : Wakanda_226
• Track 3 : Muntaha_230

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

The start number called the most often in the published annotations is 2, it was called in 4 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BillNye_214, Chaewon_218, Circinus_214, Wakanda_226,

Genes that have the "Most Annotated" start but do not call it:
• Muntaha_230,

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

Summary by start number:

Start 1:
• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 1 of 5
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Muntaha_230 (BK2),

Start 2:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 4 of 5
• Called 80.0% of time when present
• Phage (with cluster) where this start called: BillNye_214 (BK2), Chaewon_218 (BK2), Circinus_214 (BK2), Wakanda_226 (BK2),

Summary by clusters:

There is one cluster represented in this pham: BK2

Info for manual annotations of cluster BK2:
•Start number 1 was manually annotated 1 time for cluster BK2.
•Start number 2 was manually annotated 4 times for cluster BK2.

Gene Information:

Gene: BillNye_214 Start: 111204, Stop: 111326, Start Num: 2
Candidate Starts for BillNye_214:
(Start: 2 @111204 has 4 MA's),

Gene: Chaewon_218 Start: 111133, Stop: 111255, Start Num: 2
Candidate Starts for Chaewon_218:
(Start: 2 @111133 has 4 MA's),

Gene: Circinus_214 Start: 110794, Stop: 110916, Start Num: 2
Candidate Starts for Circinus_214:
(Start: 2 @110794 has 4 MA's),

Gene: Muntaha_230 Start: 111521, Stop: 111652, Start Num: 1
Candidate Starts for Muntaha_230:
(Start: 1 @111521 has 1 MA's), (Start: 2 @111524 has 4 MA's), (3, 111563), (4, 111569),

Gene: Wakanda_226 Start: 110511, Stop: 110639, Start Num: 2
Candidate Starts for Wakanda_226:
(Start: 1 @110508 has 1 MA's), (Start: 2 @110511 has 4 MA's), (3, 110550), (4, 110556),