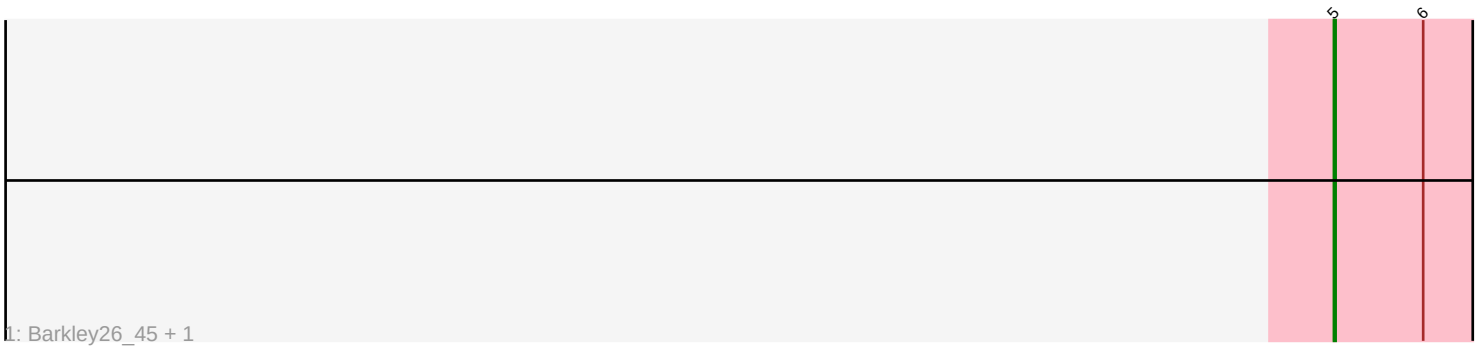
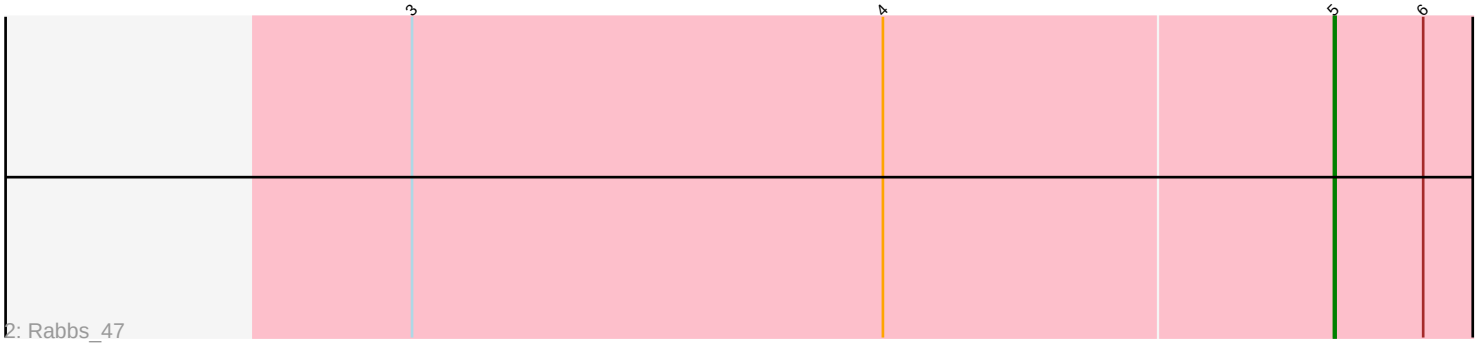
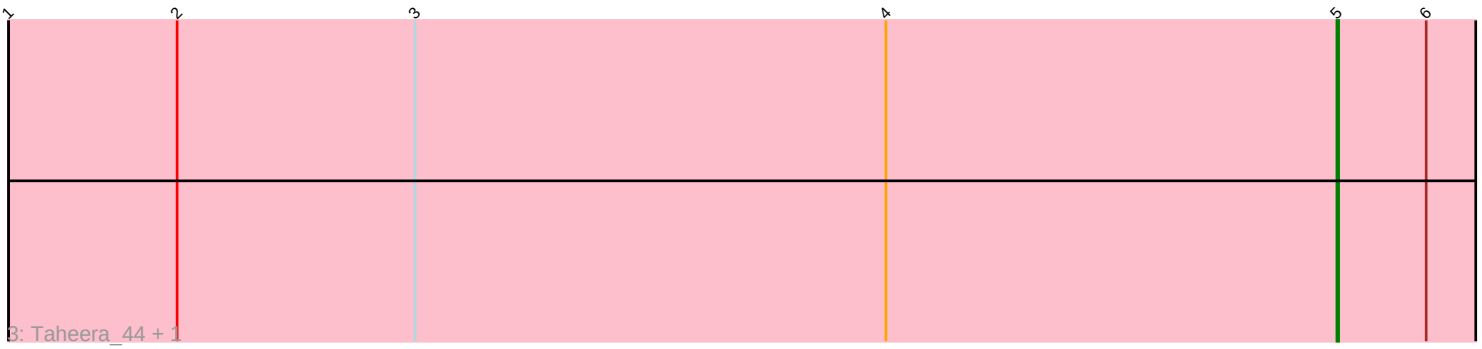
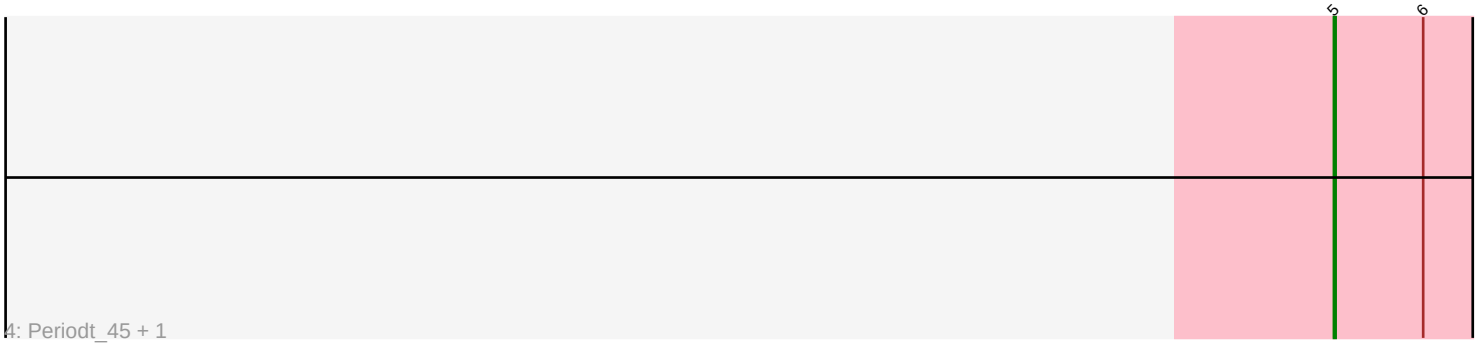
Pham 87985


5
6
1: Barkley26_45 + 1


3
4
5
6
2: Rabbs_47


1
2
3
4
5
6
3: Taheera_44 + 1


5
6
4: Periodt_45 + 1

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 87985 Report

This analysis was run 04/28/24 on database version 559.

Pham number 87985 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Barkley26_45, Grizzly_45
• Track 2 : Rabbs_47
• Track 3 : Taheera_44, Terror_44
• Track 4 : Periodt_45, Jolene_45

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

The start number called the most often in the published annotations is 5, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Barkley26_45, Grizzly_45, Jolene_45, Periodt_45, Rabbs_47, Taheera_44, Terror_44,

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 5:
• Found in 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 7 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Barkley26_45 (G1), Grizzly_45 (G1), Jolene_45 (G1), Periodt_45 (G1), Rabbs_47 (G1), Taheera_44 (G1), Terror_44 (G1),

Summary by clusters:

There is one cluster represented in this pham: G1

Info for manual annotations of cluster G1:

•Start number 5 was manually annotated 7 times for cluster G1.

Gene Information:

Gene: Barkley26_45 Start: 34944, Stop: 35072, Start Num: 5
Candidate Starts for Barkley26_45:
(Start: 5 @34944 has 7 MA's), (6, 34998),

Gene: Grizzly_45 Start: 34928, Stop: 35056, Start Num: 5
Candidate Starts for Grizzly_45:
(Start: 5 @34928 has 7 MA's), (6, 34982),

Gene: Jolene_45 Start: 34952, Stop: 35080, Start Num: 5
Candidate Starts for Jolene_45:
(Start: 5 @34952 has 7 MA's), (6, 35006),

Gene: Periodt_45 Start: 34943, Stop: 35071, Start Num: 5
Candidate Starts for Periodt_45:
(Start: 5 @34943 has 7 MA's), (6, 34997),

Gene: Rabbs_47 Start: 35280, Stop: 35408, Start Num: 5
Candidate Starts for Rabbs_47:
(3, 34725), (4, 35010), (Start: 5 @35280 has 7 MA's), (6, 35334),

Gene: Taheera_44 Start: 34655, Stop: 34783, Start Num: 5
Candidate Starts for Taheera_44:
(1, 33851), (2, 33953), (3, 34097), (4, 34382), (Start: 5 @34655 has 7 MA's), (6, 34709),

Gene: Terror_44 Start: 34655, Stop: 34783, Start Num: 5
Candidate Starts for Terror_44:
(1, 33851), (2, 33953), (3, 34097), (4, 34382), (Start: 5 @34655 has 7 MA's), (6, 34709),