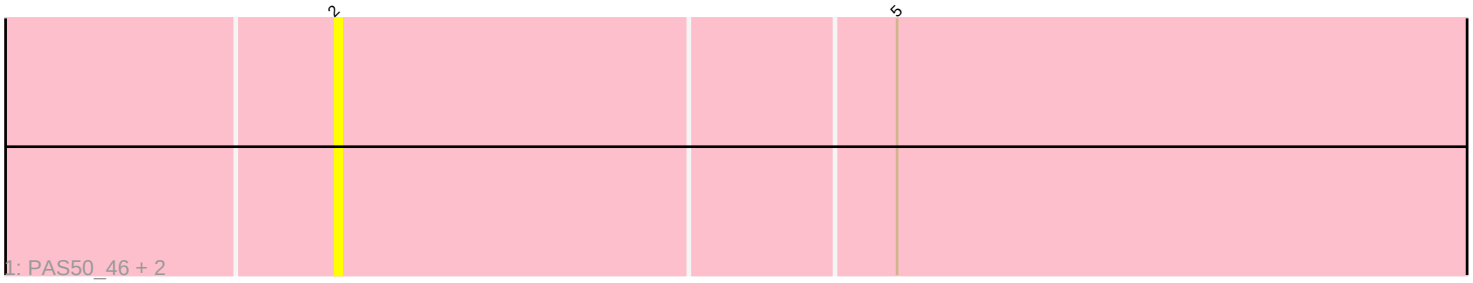
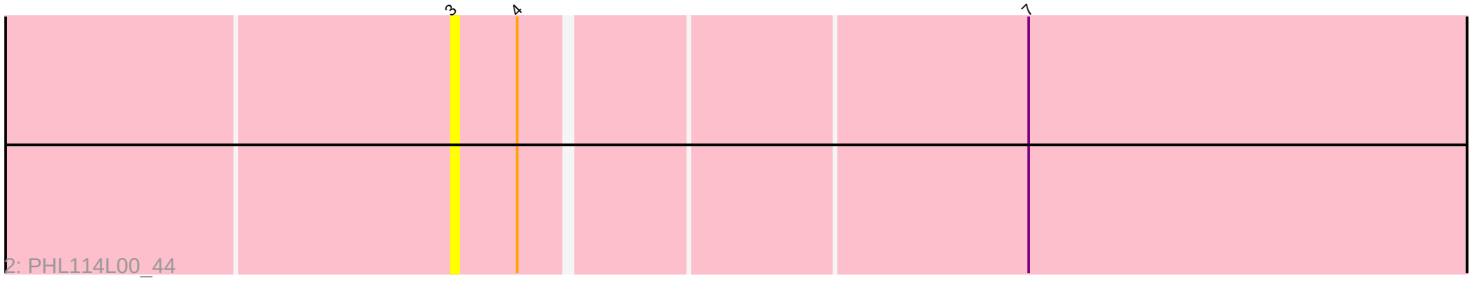
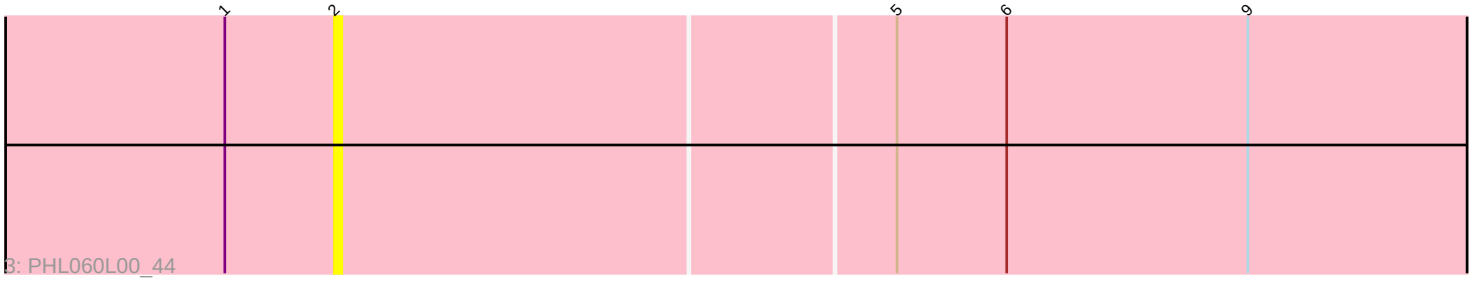
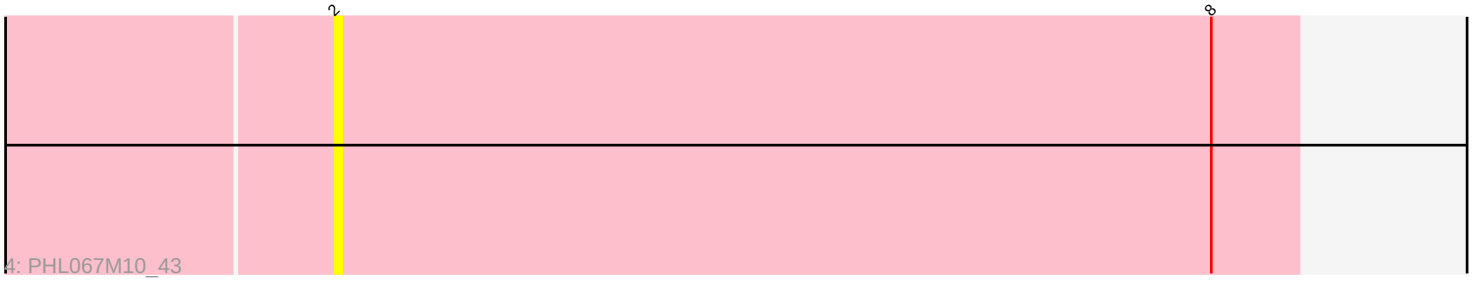
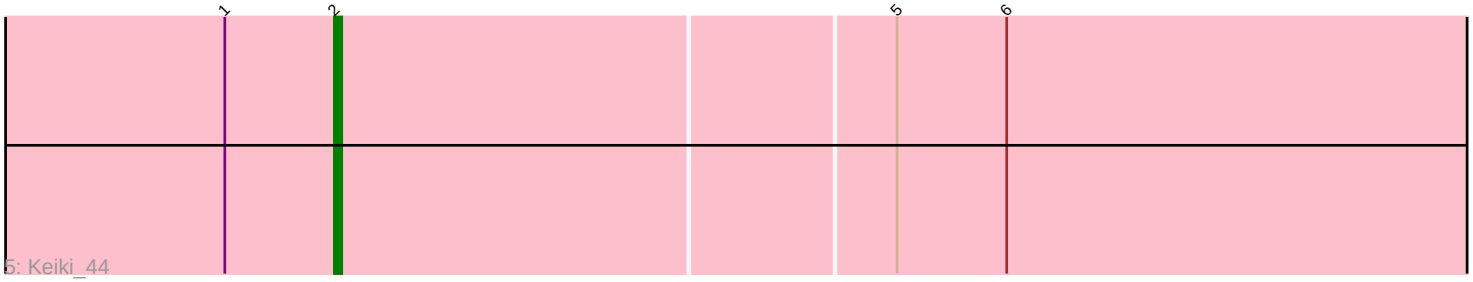
Pham 346507


2
5
1: PAS50_46 + 2


3
4
7
2: PHL114L00_44


1
2
5
6
9
3: PHL060L00_44


2
8
4: PHL067M10_43


1
2
5
6
5: Keiki_44

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 346507 Report

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

Pham number 346507 has 7 members, 6 are drafts.

Phages represented in each track:
• Track 1 : PAS50_46, PAD20_46, PA6_46
• Track 2 : PHL114L00_44
• Track 3 : PHL060L00_44
• Track 4 : PHL067M10_43
• Track 5 : Keiki_44

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 1 of the 1 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Keiki_44, PA6_46, PAD20_46, PAS50_46, PHL060L00_44, PHL067M10_43,

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

Genes that do not have the "Most Annotated" start:
• PHL114L00_44,

Summary by start number:

Start 2:
• Found in 6 of 7 (85.7%) of genes in pham
• Manual Annotations of this start: 1 of 1
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Keiki_44 (BU), PA6_46 (BU), PAD20_46 (BU), PAS50_46 (BU), PHL060L00_44 (BU), PHL067M10_43 (BU),

Start 3:
• Found in 1 of 7 (14.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: PHL114L00_44 (BU),

Summary by clusters:

There is one cluster represented in this pham: BU

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

Gene Information:

Gene: Keiki_44 Start: 28459, Stop: 28614, Start Num: 2
Candidate Starts for Keiki_44:
(1, 28444), (Start: 2 @28459 has 1 MA's), (5, 28534), (6, 28549),

Gene: PA6_46 Start: 28878, Stop: 29033, Start Num: 2
Candidate Starts for PA6_46:
(Start: 2 @28878 has 1 MA's), (5, 28953),

Gene: PAD20_46 Start: 28207, Stop: 28362, Start Num: 2
Candidate Starts for PAD20_46:
(Start: 2 @28207 has 1 MA's), (5, 28282),

Gene: PAS50_46 Start: 28150, Stop: 28305, Start Num: 2
Candidate Starts for PAS50_46:
(Start: 2 @28150 has 1 MA's), (5, 28225),

Gene: PHL060L00_44 Start: 28653, Stop: 28808, Start Num: 2
Candidate Starts for PHL060L00_44:
(1, 28638), (Start: 2 @28653 has 1 MA's), (5, 28728), (6, 28743), (9, 28776),

Gene: PHL067M10_43 Start: 28504, Stop: 28635, Start Num: 2
Candidate Starts for PHL067M10_43:
(Start: 2 @28504 has 1 MA's), (8, 28624),

Gene: PHL114L00_44 Start: 28619, Stop: 28756, Start Num: 3
Candidate Starts for PHL114L00_44:
(3, 28619), (4, 28628), (7, 28694),