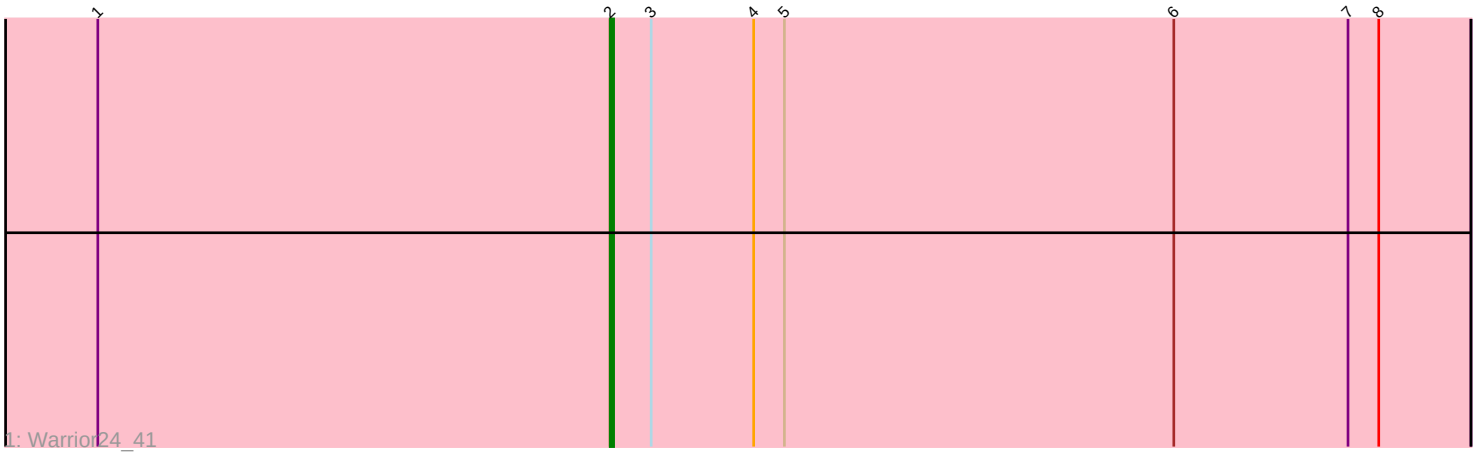
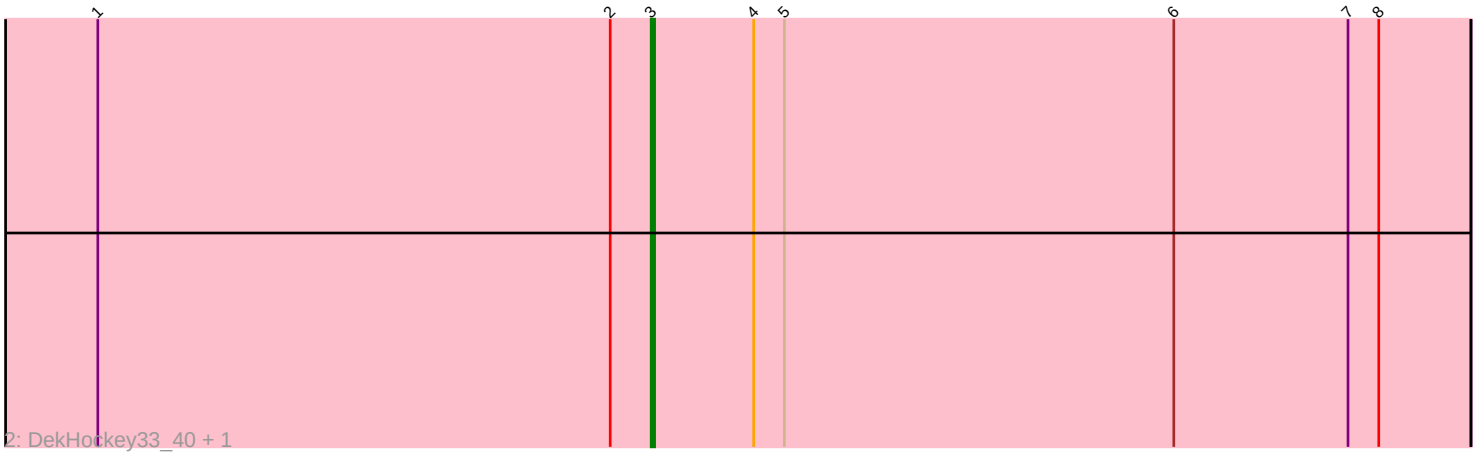
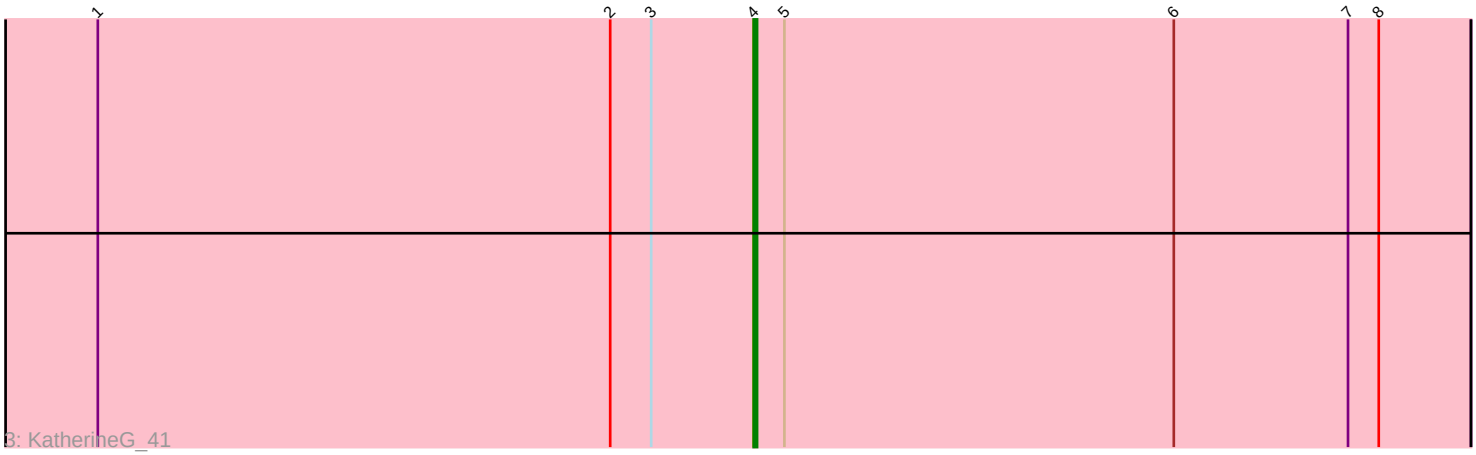
Pham 348461


1
2
3
4
5
6
7
8
1: Warrior24_41


1
2
3
4
5
6
7
8
2: DekHockey33_40 + 1


1
2
3
4
5
6
7
8
3: KatherineG_41

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 348461 Report

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

Pham number 348461 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Warrior24_41
• Track 2 : DekHockey33_40, Switzerland_41
• Track 3 : KatherineG_41

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 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DekHockey33_40, Switzerland_41,

Genes that have the "Most Annotated" start but do not call it:
• KatherineG_41, Warrior24_41,

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

Summary by start number:

Start 2:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Warrior24_41 (A15),

Start 3:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: DekHockey33_40 (A15), Switzerland_41 (A15),

Start 4:

• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 25.0% of time when present
• Phage (with cluster) where this start called: KatherineG_41 (A15),

Summary by clusters:

There is one cluster represented in this pham: A15

Info for manual annotations of cluster A15:
•Start number 2 was manually annotated 1 time for cluster A15.
•Start number 3 was manually annotated 2 times for cluster A15.
•Start number 4 was manually annotated 1 time for cluster A15.

Gene Information:

Gene: DekHockey33_40 Start: 26708, Stop: 26469, Start Num: 3
Candidate Starts for DekHockey33_40:
(1, 26870), (Start: 2 @26720 has 1 MA's), (Start: 3 @26708 has 2 MA's), (Start: 4 @26678 has 1 MA's), (5, 26669), (6, 26555), (7, 26504), (8, 26495),

Gene: KatherineG_41 Start: 26678, Stop: 26469, Start Num: 4
Candidate Starts for KatherineG_41:
(1, 26870), (Start: 2 @26720 has 1 MA's), (Start: 3 @26708 has 2 MA's), (Start: 4 @26678 has 1 MA's), (5, 26669), (6, 26555), (7, 26504), (8, 26495),

Gene: Switzerland_41 Start: 26702, Stop: 26463, Start Num: 3
Candidate Starts for Switzerland_41:
(1, 26864), (Start: 2 @26714 has 1 MA's), (Start: 3 @26702 has 2 MA's), (Start: 4 @26672 has 1 MA's), (5, 26663), (6, 26549), (7, 26498), (8, 26489),

Gene: Warrior24_41 Start: 26560, Stop: 26309, Start Num: 2
Candidate Starts for Warrior24_41:
(1, 26710), (Start: 2 @26560 has 1 MA's), (Start: 3 @26548 has 2 MA's), (Start: 4 @26518 has 1 MA's), (5, 26509), (6, 26395), (7, 26344), (8, 26335),