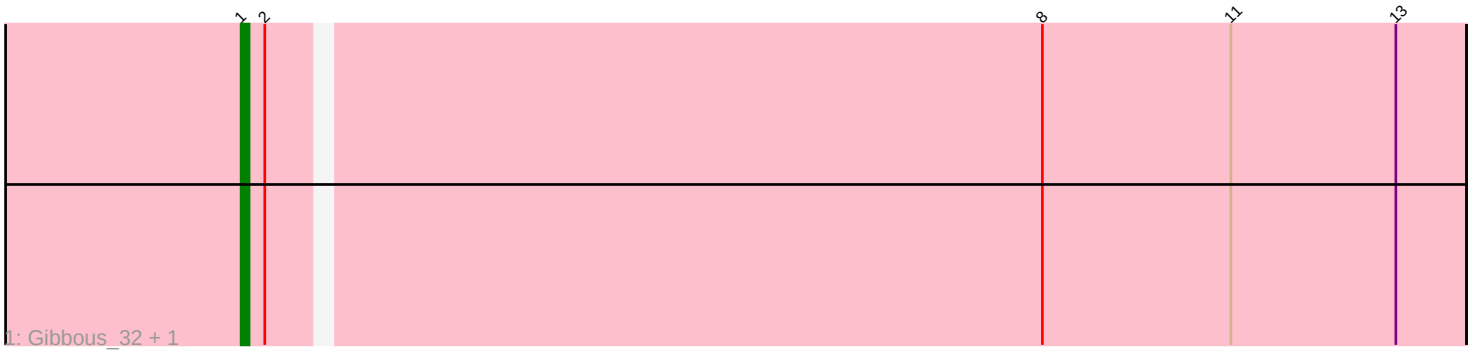
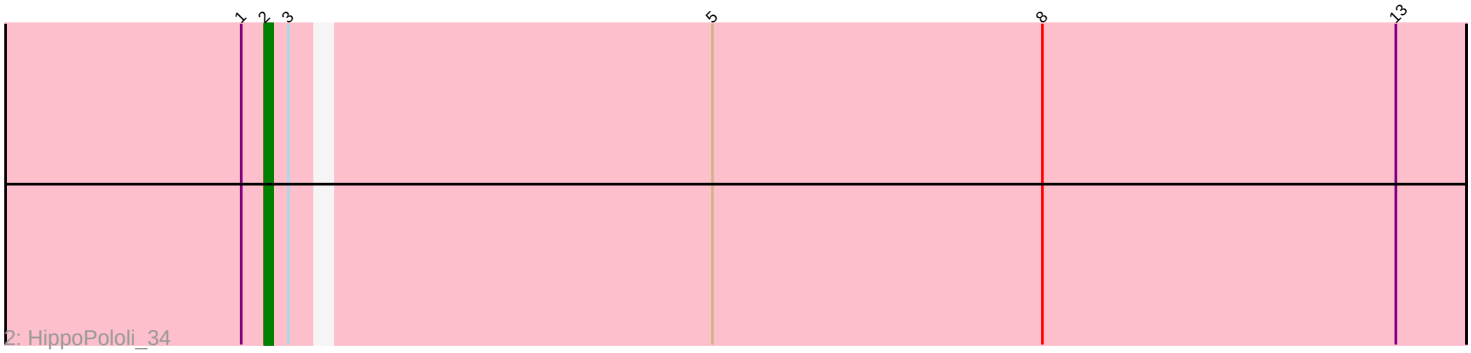
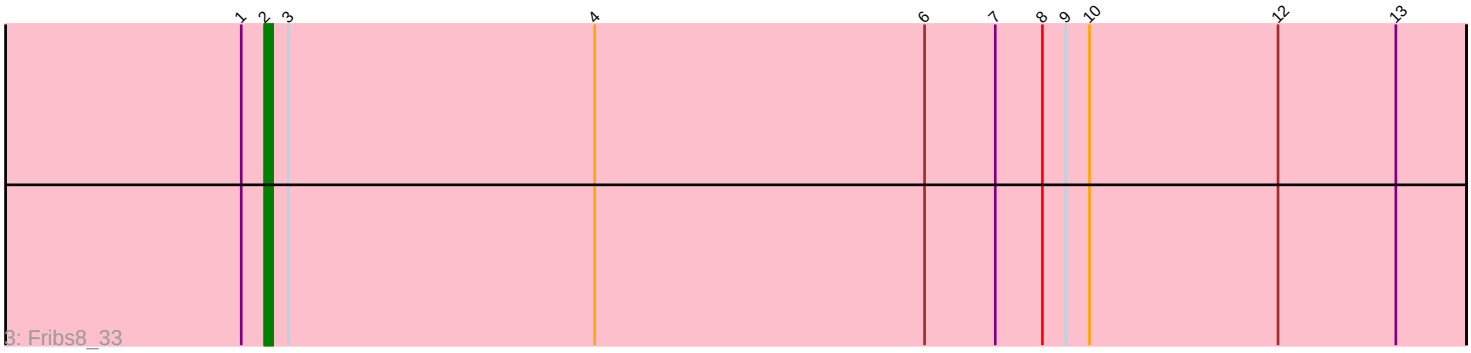
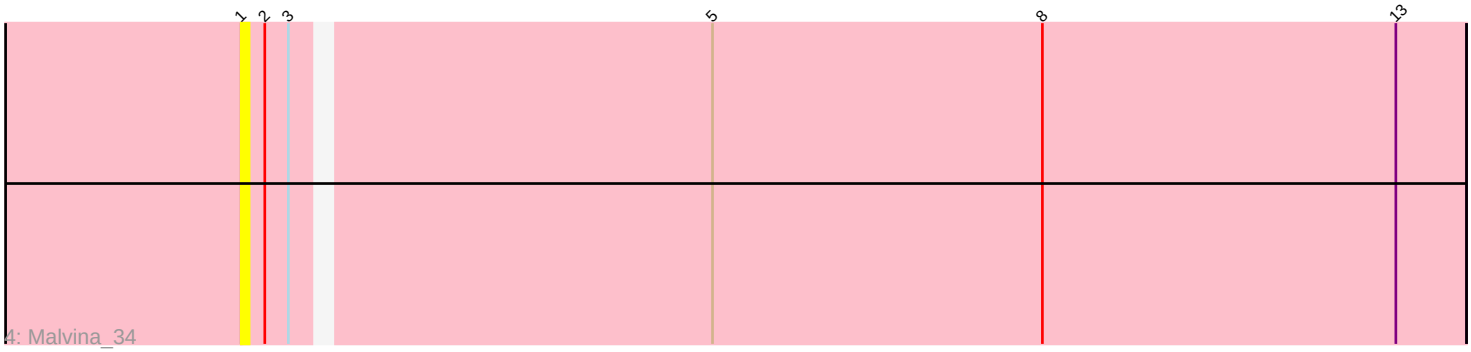
Pham 348449


1
2
8
11
13
1: Gibbous_32 + 1


1
2
3
5
8
13
2: HippoPololi_34


1
2
3
4
6
7
8
9
10
12
13
3: Fribs8_33


1
2
3
5
8
13
4: Malvina_34

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 348449 Report

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

Pham number 348449 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Gibbous_32, Dre3_32
• Track 2 : HippoPololi_34
• Track 3 : Fribs8_33
• Track 4 : Malvina_34

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

The start number called the most often in the published annotations is 1, it was called in 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Dre3_32, Gibbous_32, Malvina_34,

Genes that have the "Most Annotated" start but do not call it:
• Fribs8_33, HippoPololi_34,

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

Summary by start number:

Start 1:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 60.0% of time when present
• Phage (with cluster) where this start called: Dre3_32 (CT), Gibbous_32 (CT), Malvina_34 (CT),

Start 2:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Fribs8_33 (CT), HippoPololi_34 (CT),

Summary by clusters:

There is one cluster represented in this pham: CT

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

Gene Information:

Gene: Dre3_32 Start: 25975, Stop: 26127, Start Num: 1
Candidate Starts for Dre3_32:
(Start: 1 @25975 has 2 MA's), (Start: 2 @25978 has 2 MA's), (8, 26074), (11, 26098), (13, 26119),

Gene: Fribs8_33 Start: 26404, Stop: 26556, Start Num: 2
Candidate Starts for Fribs8_33:
(Start: 1 @26401 has 2 MA's), (Start: 2 @26404 has 2 MA's), (3, 26407), (4, 26446), (6, 26488), (7, 26497), (8, 26503), (9, 26506), (10, 26509), (12, 26533), (13, 26548),

Gene: Gibbous_32 Start: 25975, Stop: 26127, Start Num: 1
Candidate Starts for Gibbous_32:
(Start: 1 @25975 has 2 MA's), (Start: 2 @25978 has 2 MA's), (8, 26074), (11, 26098), (13, 26119),

Gene: HippoPololi_34 Start: 26431, Stop: 26580, Start Num: 2
Candidate Starts for HippoPololi_34:
(Start: 1 @26428 has 2 MA's), (Start: 2 @26431 has 2 MA's), (3, 26434), (5, 26485), (8, 26527), (13, 26572),

Gene: Malvina_34 Start: 26426, Stop: 26578, Start Num: 1
Candidate Starts for Malvina_34:
(Start: 1 @26426 has 2 MA's), (Start: 2 @26429 has 2 MA's), (3, 26432), (5, 26483), (8, 26525), (13, 26570),