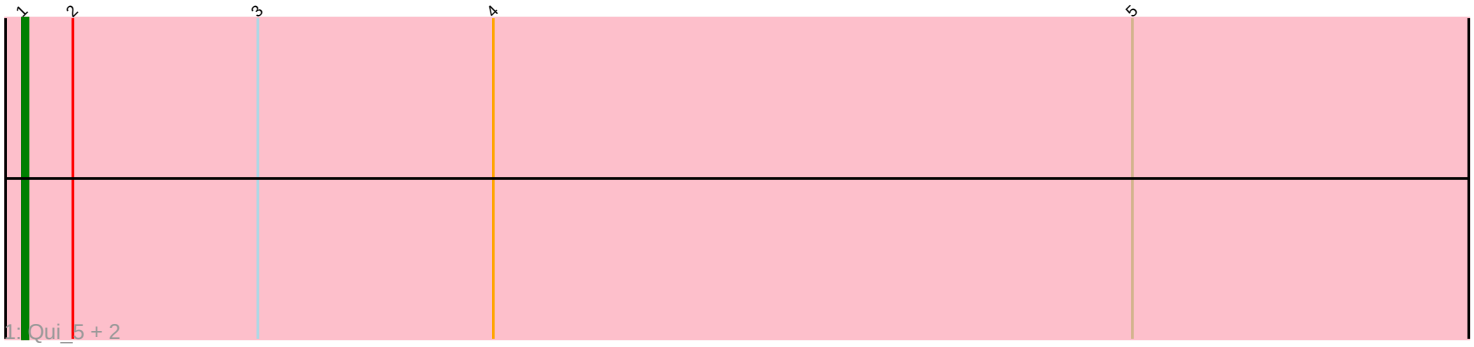
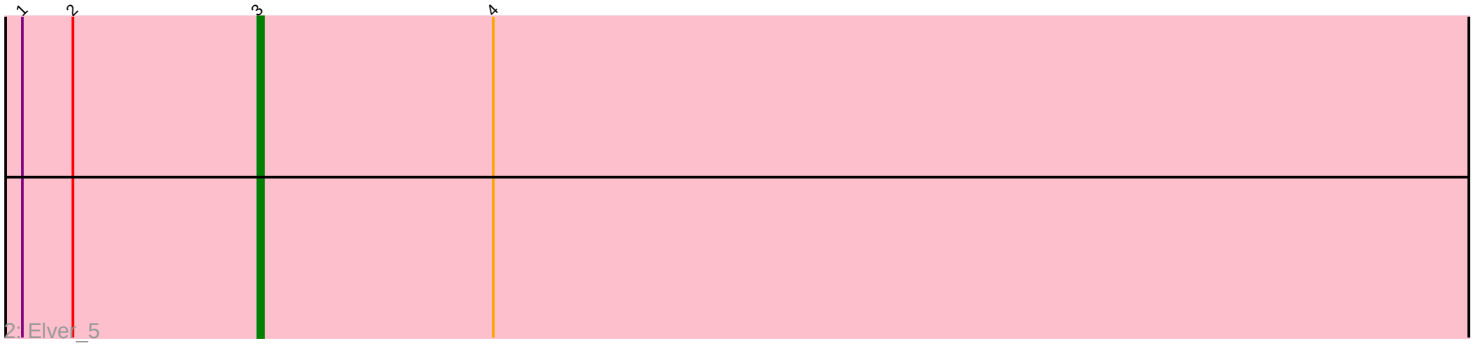
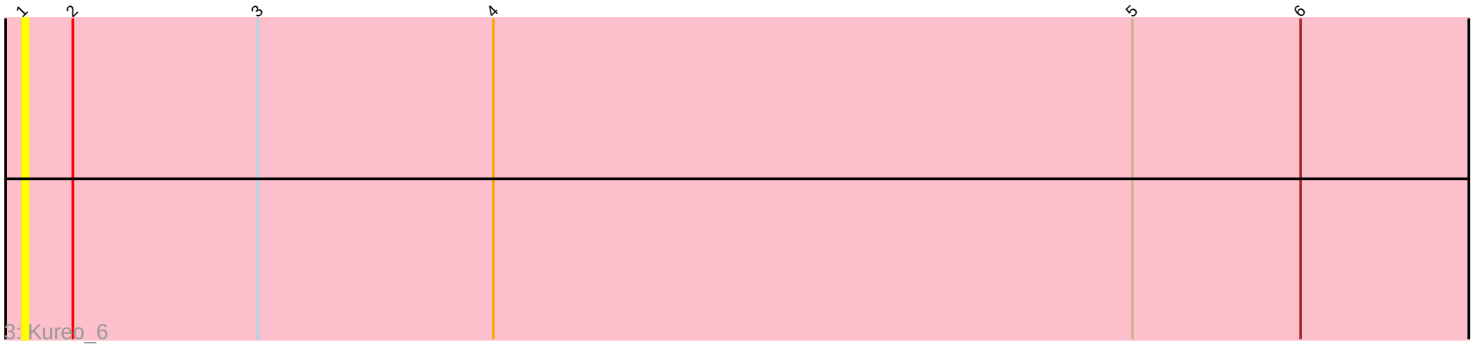
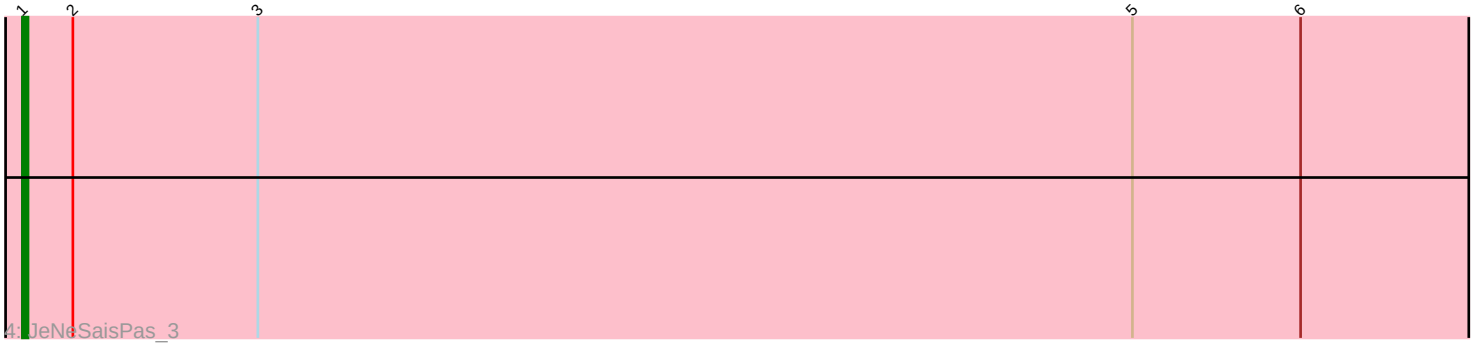
Pham 342923


1
2
3
4
5
1: Qui_5 + 2


1
2
3
4
2: Elver_5


1
2
3
4
5
6
3: Kureo_6


1
2
3
5
6
4: JeNeSaisPas_3

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 342923 Report

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

Pham number 342923 has 6 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Qui_5, Marianna39_5, Paella_5
• Track 2 : Elver_5
• Track 3 : Kureo_6
• Track 4 : JeNeSaisPas_3

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

Genes that call this "Most Annotated" start:
• JeNeSaisPas_3, Kureo_6, Marianna39_5, Paella_5, Qui_5,

Genes that have the "Most Annotated" start but do not call it:
• Elver_5,

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

Summary by start number:

Start 1:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 4
• Called 83.3% of time when present
• Phage (with cluster) where this start called: JeNeSaisPas_3 (FK), Kureo_6 (FK), Marianna39_5 (FK), Paella_5 (FK), Qui_5 (FK),

Start 3:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 16.7% of time when present
• Phage (with cluster) where this start called: Elver_5 (FK),

Summary by clusters:

There is one cluster represented in this pham: FK

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

Gene Information:

Gene: Elver_5 Start: 1670, Stop: 1888, Start Num: 3
Candidate Starts for Elver_5:
(Start: 1 @1628 has 3 MA's), (2, 1637), (Start: 3 @1670 has 1 MA's), (4, 1712),

Gene: JeNeSaisPas_3 Start: 1143, Stop: 1403, Start Num: 1
Candidate Starts for JeNeSaisPas_3:
(Start: 1 @1143 has 3 MA's), (2, 1152), (Start: 3 @1185 has 1 MA's), (5, 1341), (6, 1371),

Gene: Kureo_6 Start: 2857, Stop: 3117, Start Num: 1
Candidate Starts for Kureo_6:
(Start: 1 @2857 has 3 MA's), (2, 2866), (Start: 3 @2899 has 1 MA's), (4, 2941), (5, 3055), (6, 3085),

Gene: Marianna39_5 Start: 1627, Stop: 1887, Start Num: 1
Candidate Starts for Marianna39_5:
(Start: 1 @1627 has 3 MA's), (2, 1636), (Start: 3 @1669 has 1 MA's), (4, 1711), (5, 1825),

Gene: Paella_5 Start: 1627, Stop: 1887, Start Num: 1
Candidate Starts for Paella_5:
(Start: 1 @1627 has 3 MA's), (2, 1636), (Start: 3 @1669 has 1 MA's), (4, 1711), (5, 1825),

Gene: Qui_5 Start: 1627, Stop: 1887, Start Num: 1
Candidate Starts for Qui_5:
(Start: 1 @1627 has 3 MA's), (2, 1636), (Start: 3 @1669 has 1 MA's), (4, 1711), (5, 1825),