Pham 11887

1: BritBrat_94

2: Squiddly_97

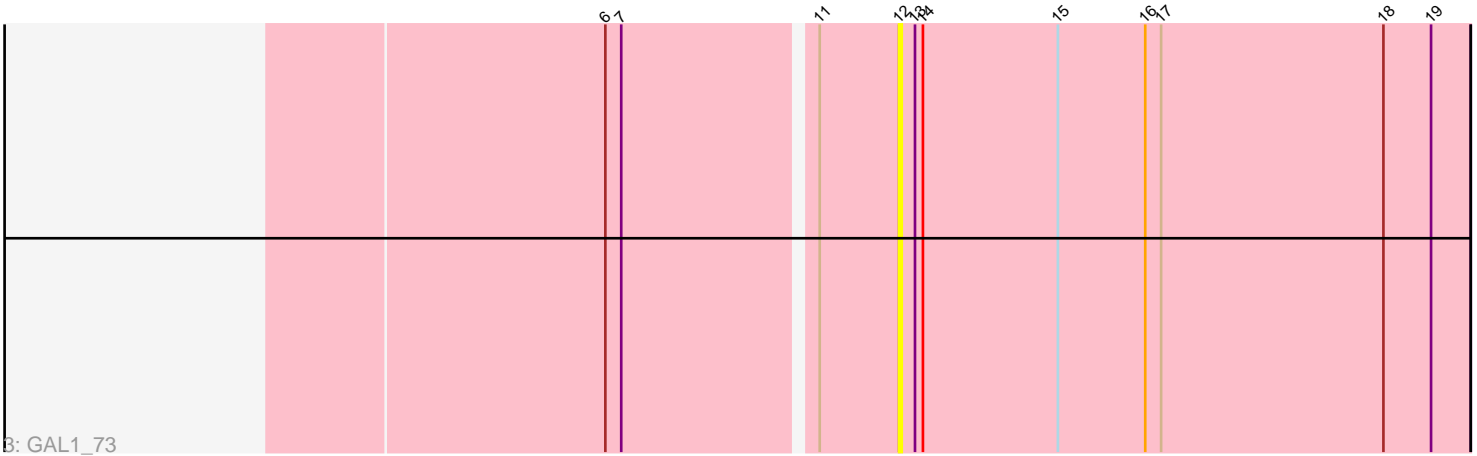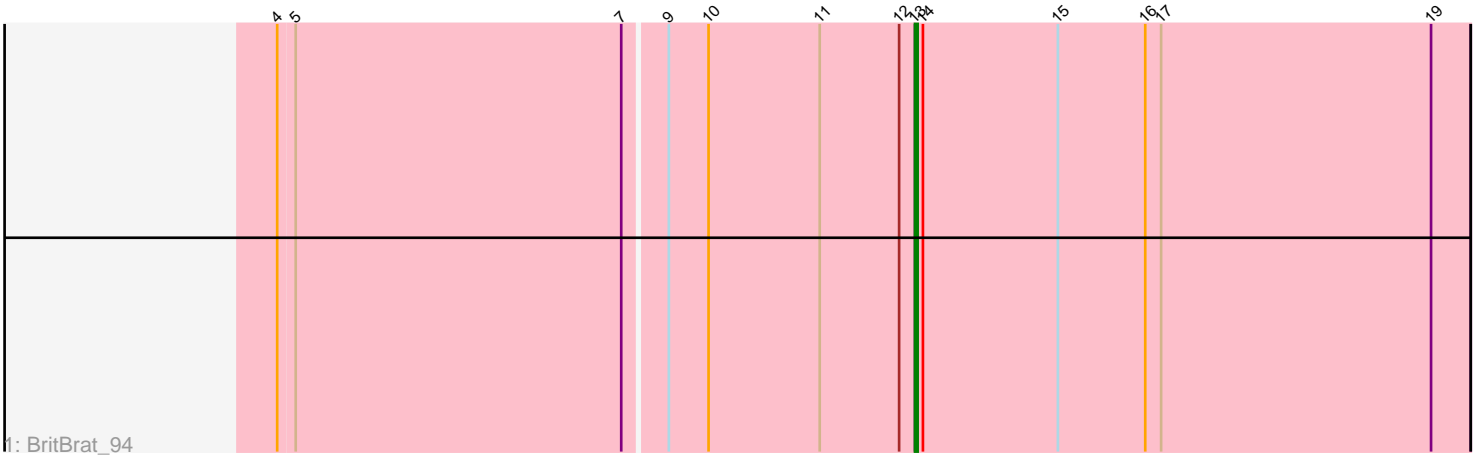3: GAL1_73

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 11887 Report

This analysis was run 04/05/24 on database version 557.

Pham number 11887 has 3 members, 1 are drafts.

Phages represented in each track:
• Track 1 : BritBrat_94
• Track 2 : Squiddly_97
• Track 3 : GAL1_73

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

The start number called the most often in the published annotations is 13, it was called in 2 of the 2 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BritBrat_94, Squiddly_97,

Genes that have the "Most Annotated" start but do not call it:
• GAL1_73,

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

Summary by start number:

Start 12:
• Found in 3 of 3 (100.0%) of genes in pham
• No Manual Annotations of this start.
• Called 33.3% of time when present
• Phage (with cluster) where this start called: GAL1_73 (singleton),

Start 13:
• Found in 3 of 3 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 2
• Called 66.7% of time when present
• Phage (with cluster) where this start called: BritBrat_94 (CY2), Squiddly_97 (DN2),

Summary by clusters:

There are 3 clusters represented in this pham: CY2, singleton, DN2,

Info for manual annotations of cluster CY2:
•Start number 13 was manually annotated 1 time for cluster CY2.

Info for manual annotations of cluster DN2:
•Start number 13 was manually annotated 1 time for cluster DN2.

Gene Information:

Gene: BritBrat_94 Start: 53599, Stop: 53808, Start Num: 13
Candidate Starts for BritBrat_94:
(4, 53362), (5, 53368), (7, 53491), (9, 53506), (10, 53521), (11, 53563), (12, 53593), (Start: 13 @53599 has 2 MA's), (14, 53602), (15, 53653), (16, 53686), (17, 53692), (19, 53794),

Gene: GAL1_73 Start: 45602, Stop: 45817, Start Num: 12
Candidate Starts for GAL1_73:
(6, 45497), (7, 45503), (11, 45572), (12, 45602), (Start: 13 @45608 has 2 MA's), (14, 45611), (15, 45662), (16, 45695), (17, 45701), (18, 45785), (19, 45803),

Gene: Squiddly_97 Start: 54990, Stop: 55199, Start Num: 13
Candidate Starts for Squiddly_97:
(1, 54663), (2, 54669), (3, 54678), (8, 54888), (12, 54984), (Start: 13 @54990 has 2 MA's), (14, 54993), (15, 55044), (16, 55077), (17, 55083), (19, 55185),