Pham 11583

1: Sarge_60

2: BrayBeast_63

3: Shoya_63

4: Hum25_61

5: MrSmee_64
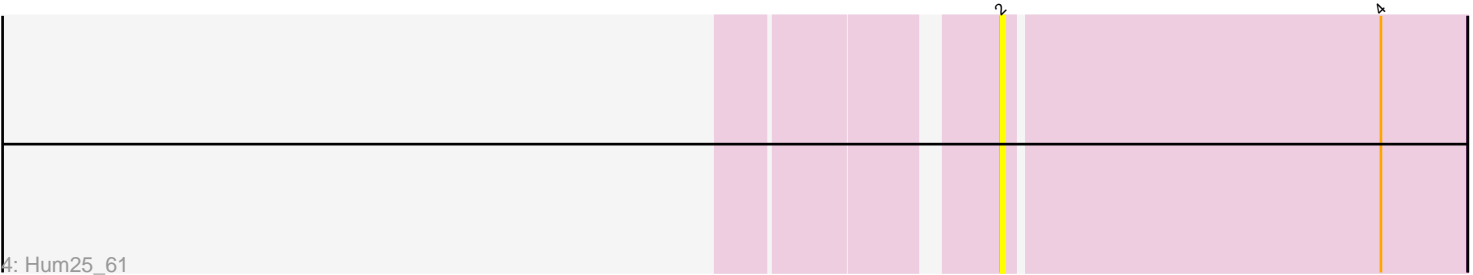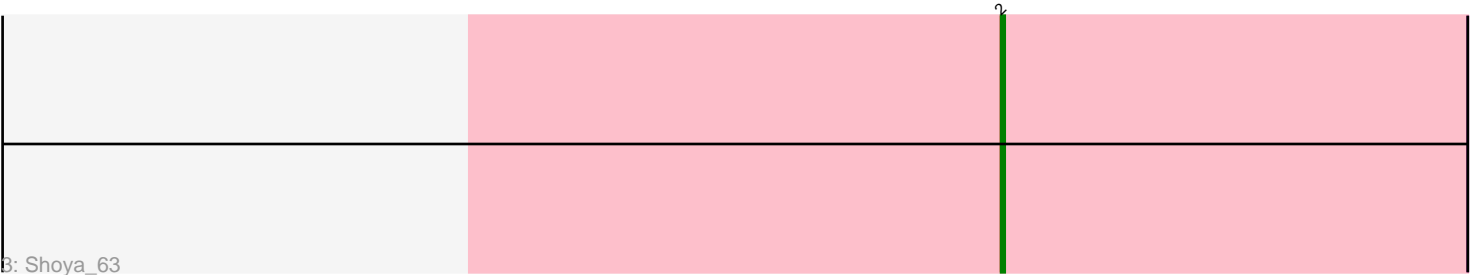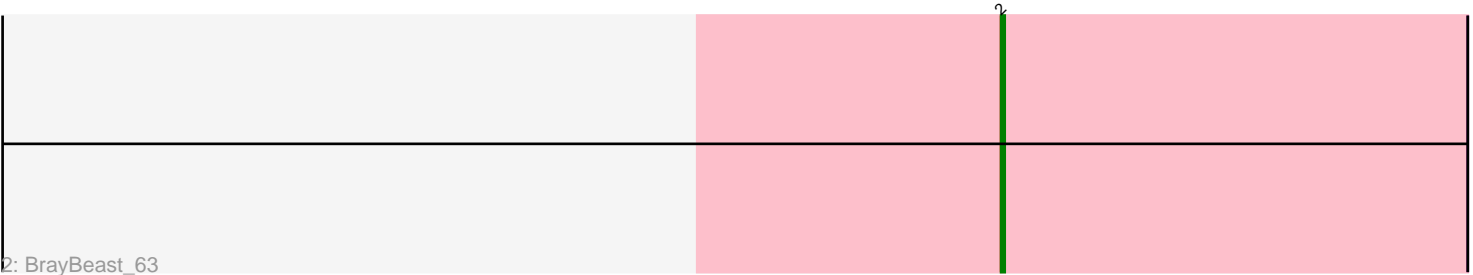
Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 11583 Report

This analysis was run 04/28/24 on database version 559.

Pham number 11583 has 5 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Sarge_60
• Track 2 : BrayBeast_63
• Track 3 : Shoya_63
• Track 4 : Hum25_61
• Track 5 : MrSmee_64

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

Genes that call this "Most Annotated" start:
• BrayBeast_63, Hum25_61, MrSmee_64, Sarge_60, Shoya_63,

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

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

Summary by start number:

Start 2:
• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: BrayBeast_63 (FB), Hum25_61 (FQ), MrSmee_64 (UNK), Sarge_60 (FB), Shoya_63 (FB),

Summary by clusters:

There are 3 clusters represented in this pham: FQ, FB, UNK,

Info for manual annotations of cluster FB:

•Start number 2 was manually annotated 3 times for cluster FB.

Gene Information:

Gene: BrayBeast_63 Start: 35933, Stop: 36061, Start Num: 2
Candidate Starts for BrayBeast_63:
(Start: 2 @35933 has 3 MA's),

Gene: Hum25_61 Start: 36895, Stop: 37020, Start Num: 2
Candidate Starts for Hum25_61:
(Start: 2 @36895 has 3 MA's), (4, 36997),

Gene: MrSmee_64 Start: 36552, Stop: 36677, Start Num: 2
Candidate Starts for MrSmee_64:
(Start: 2 @36552 has 3 MA's), (3, 36603), (4, 36654),

Gene: Sarge_60 Start: 33691, Stop: 33819, Start Num: 2
Candidate Starts for Sarge_60:
(1, 33445), (Start: 2 @33691 has 3 MA's),

Gene: Shoya_63 Start: 35762, Stop: 35890, Start Num: 2
Candidate Starts for Shoya_63:
(Start: 2 @35762 has 3 MA's),