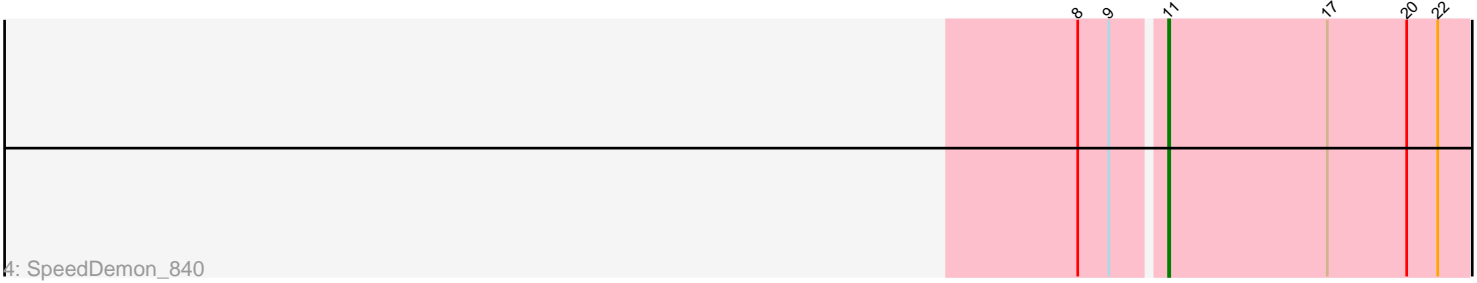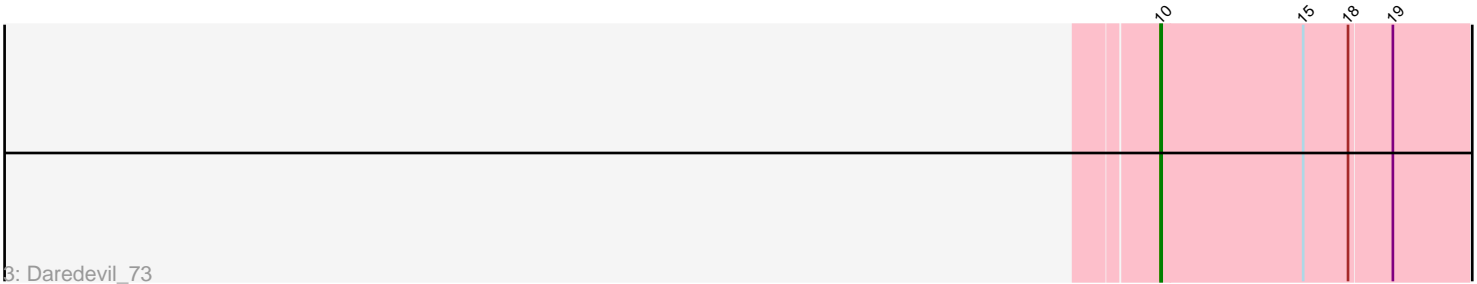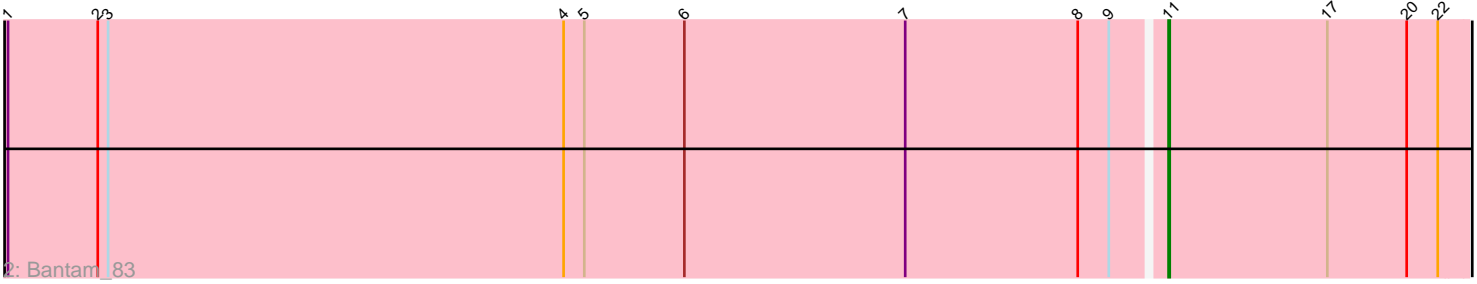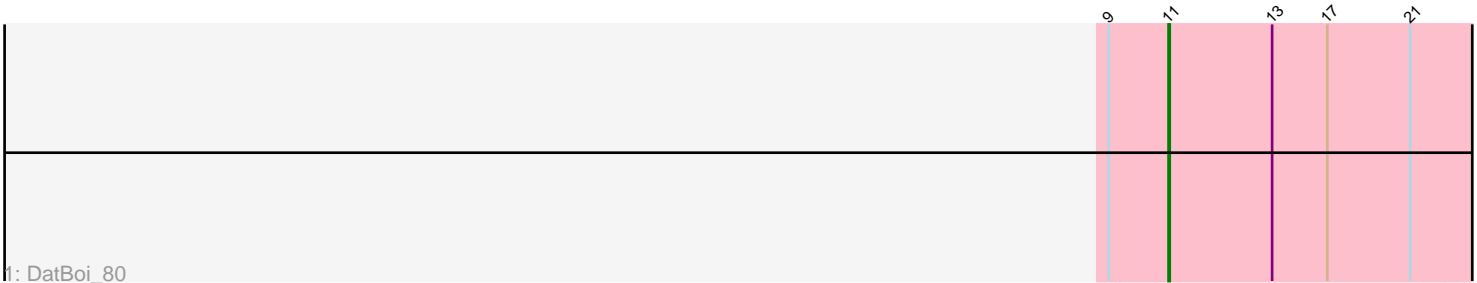# Pham 107332

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 107332 Report

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

Pham number 107332 has 5 members, 0 are drafts.

Phages represented in each track:
• Track 1 : DatBoi_80
• Track 2 : Bantam_83
• Track 3 : Daredevil_73
• Track 4 : SpeedDemon_840
• Track 5 : Mollymur_83

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

The start number called the most often in the published annotations is 11, it was called in 3 of the 5 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bantam_83, DatBoi_80, SpeedDemon_840,

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

Genes that do not have the "Most Annotated" start:
• Daredevil_73, Mollymur_83,

Summary by start number:

Start 10:
• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 2 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Daredevil_73 (DL), Mollymur_83 (DL),

Start 11:
• Found in 3 of 5 (60.0%) of genes in pham
• Manual Annotations of this start: 3 of 5
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bantam_83 (DL), DatBoi_80 (DL), SpeedDemon_840 (DL),

Summary by clusters:

There is one cluster represented in this pham: DL

Info for manual annotations of cluster DL:
•Start number 10 was manually annotated 2 times for cluster DL.
•Start number 11 was manually annotated 3 times for cluster DL.

Gene Information:
Gene: Bantam_83 Start: 56410, Stop: 56153, Start Num: 11
Candidate Starts for Bantam_83:
(1, 57409), (2, 57331), (3, 57322), (4, 56926), (5, 56908), (6, 56821), (7, 56629), (8, 56479), (9, 56452), (Start: 11 @56410 has 3 MA's), (17, 56272), (20, 56203), (22, 56176),

Gene: Daredevil_73 Start: 52110, Stop: 51847, Start Num: 10
Candidate Starts for Daredevil_73:
(Start: 10 @52110 has 2 MA's), (15, 51987), (18, 51948), (19, 51912),

Gene: DatBoi_80 Start: 56115, Stop: 55852, Start Num: 11
Candidate Starts for DatBoi_80:
(9, 56166), (Start: 11 @56115 has 3 MA's), (13, 56025), (17, 55977), (21, 55905),

Gene: Mollymur_83 Start: 57137, Stop: 56877, Start Num: 10
Candidate Starts for Mollymur_83:
(9, 57179), (Start: 10 @57137 has 2 MA's), (12, 57062), (14, 57038), (16, 57011), (17, 56993),

Gene: SpeedDemon_840 Start: 58334, Stop: 58077, Start Num: 11
Candidate Starts for SpeedDemon_840:
(8, 58403), (9, 58376), (Start: 11 @58334 has 3 MA's), (17, 58196), (20, 58127), (22, 58100),