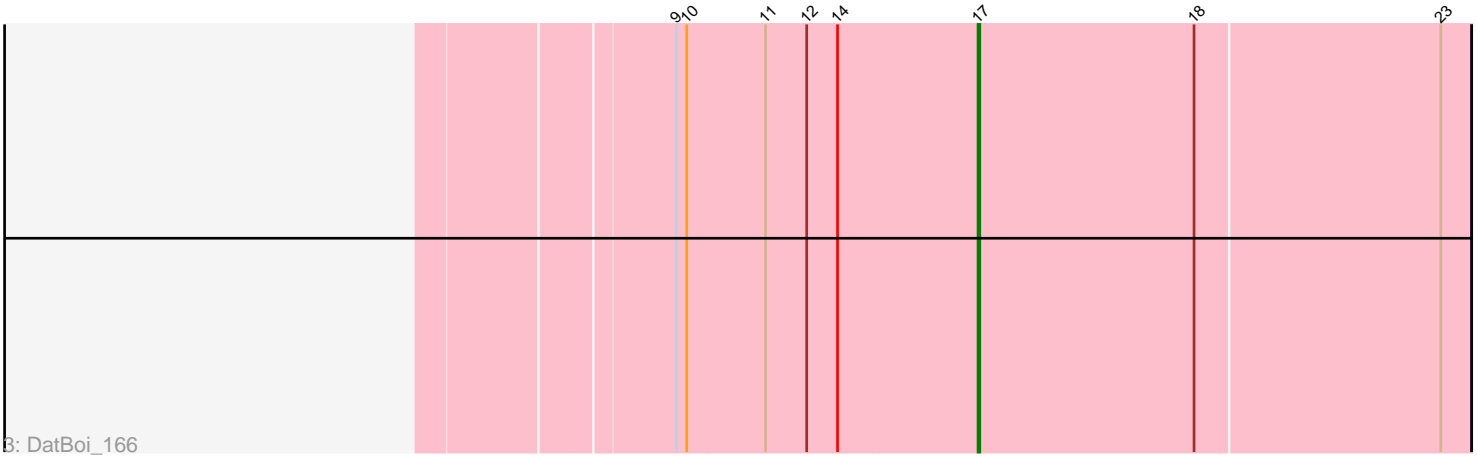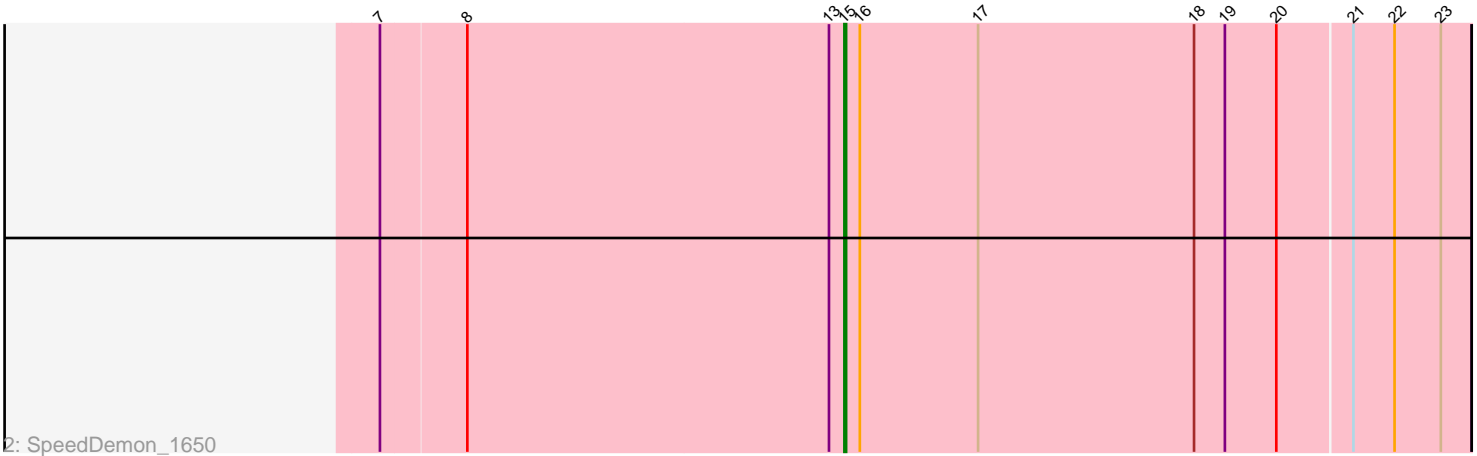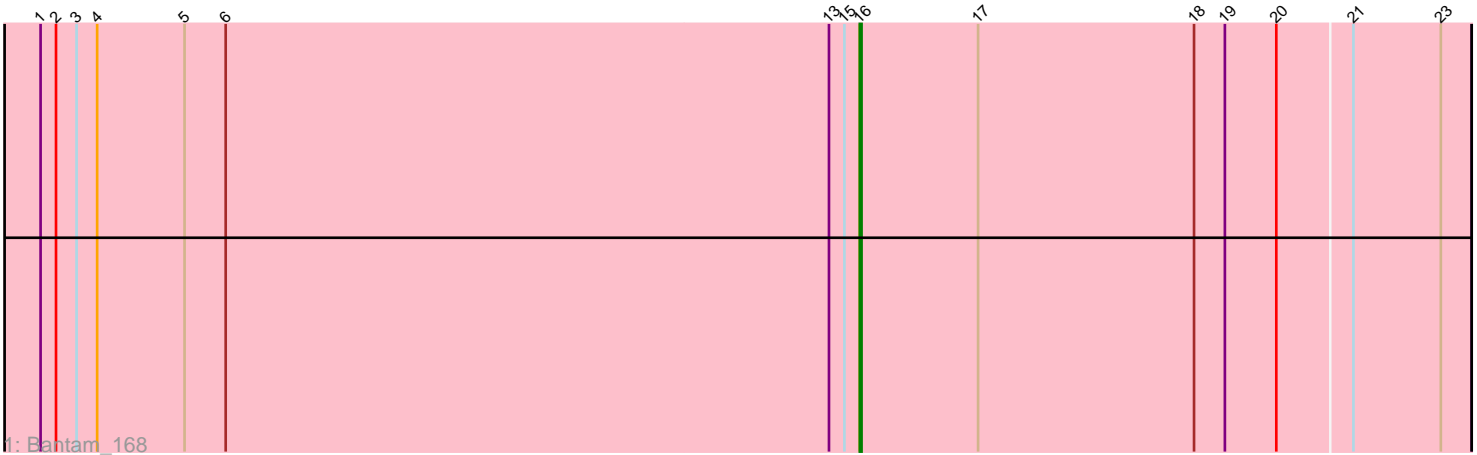# Pham 108053

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 108053 Report

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

Pham number 108053 has 3 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Bantam_168
• Track 2 : SpeedDemon_1650
• Track 3 : DatBoi_166

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

The start number called the most often in the published annotations is 17, it was called in 1 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• DatBoi_166,

Genes that have the "Most Annotated" start but do not call it:
• Bantam_168, SpeedDemon_1650,

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

Summary by start number:

Start 15:
• Found in 2 of 3 (66.7%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 50.0% of time when present
• Phage (with cluster) where this start called: SpeedDemon_1650 (DL),

Start 16:
• Found in 2 of 3 (66.7%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Bantam_168 (DL),

Start 17:
• Found in 3 of 3 (100.0%) of genes in pham

- Manual Annotations of this start: 1 of 3
- Called 33.3% of time when present
- Phage (with cluster) where this start called: DatBoi_166 (DL),

Summary by clusters:

There is one cluster represented in this pham: DL

Info for manual annotations of cluster DL:
•Start number 15 was manually annotated 1 time for cluster DL.
•Start number 16 was manually annotated 1 time for cluster DL.
•Start number 17 was manually annotated 1 time for cluster DL.

Gene Information:

Gene: Bantam_168 Start: 90499, Stop: 90146, Start Num: 16
Candidate Starts for Bantam_168:
(1, 90976), (2, 90967), (3, 90955), (4, 90943), (5, 90892), (6, 90868), (13, 90517), (Start: 15 @90508 has 1 MA's), (Start: 16 @90499 has 1 MA's), (Start: 17 @90430 has 1 MA's), (18, 90304), (19, 90286), (20, 90256), (21, 90214), (23, 90163),

Gene: DatBoi_166 Start: 90371, Stop: 90087, Start Num: 17
Candidate Starts for DatBoi_166:
(9, 90545), (10, 90539), (11, 90494), (12, 90470), (14, 90452), (Start: 17 @90371 has 1 MA's), (18, 90245), (23, 90104),

Gene: SpeedDemon_1650 Start: 92197, Stop: 91835, Start Num: 15
Candidate Starts for SpeedDemon_1650:
(7, 92464), (8, 92416), (13, 92206), (Start: 15 @92197 has 1 MA's), (Start: 16 @92188 has 1 MA's), (Start: 17 @92119 has 1 MA's), (18, 91993), (19, 91975), (20, 91945), (21, 91903), (22, 91879), (23, 91852),