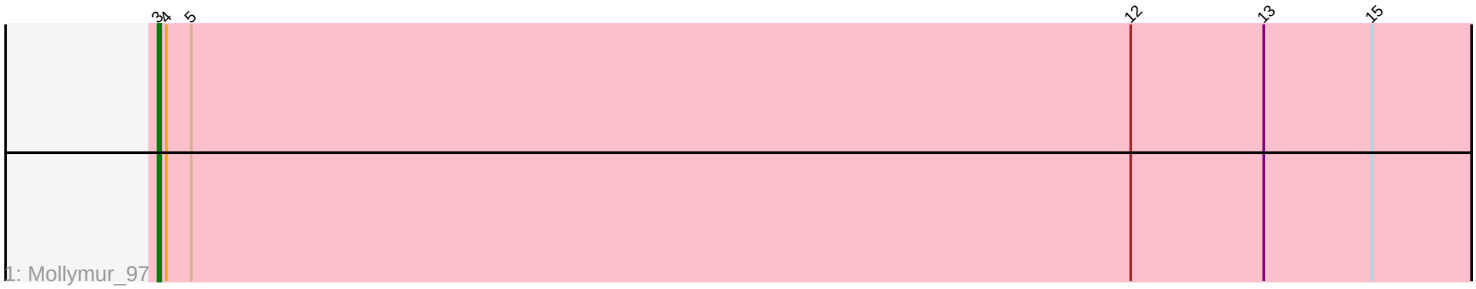
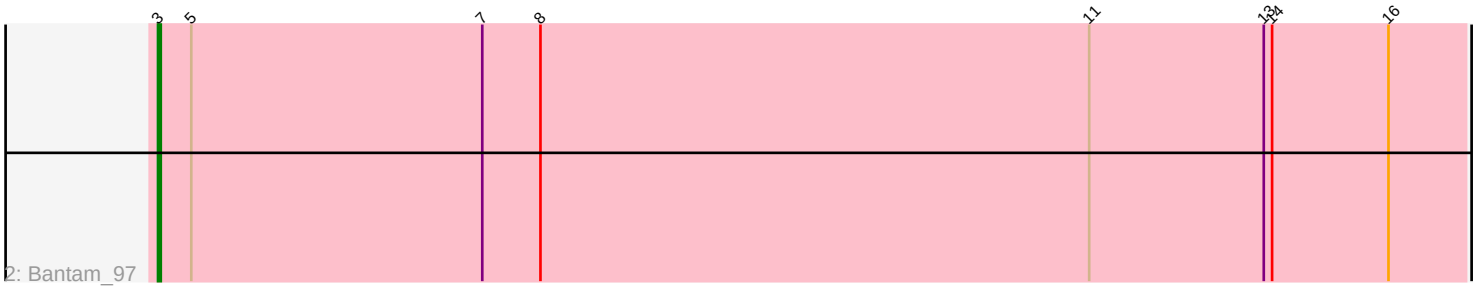
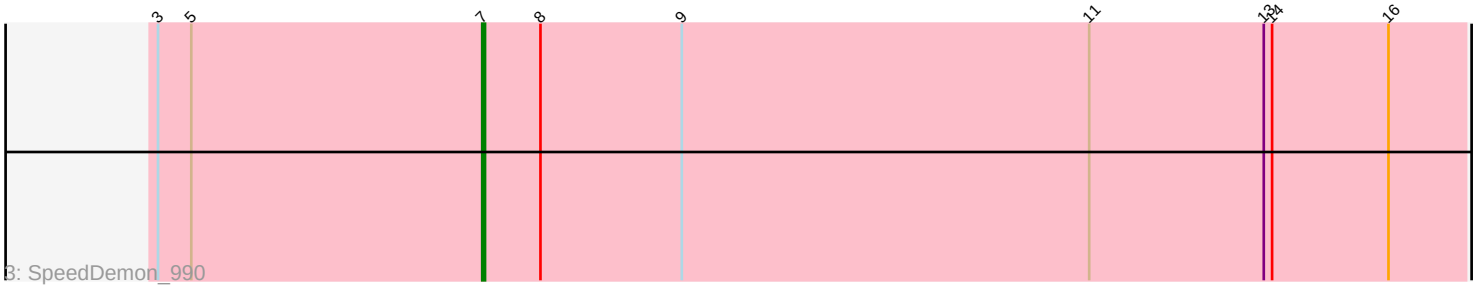
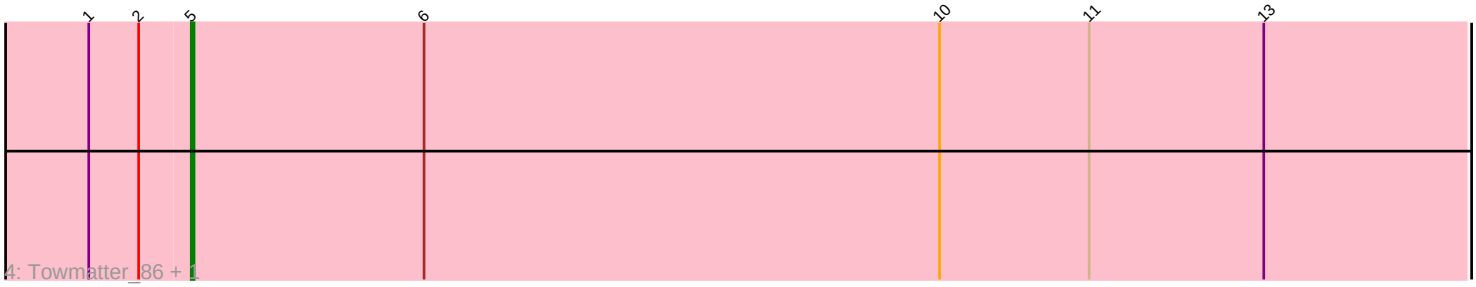
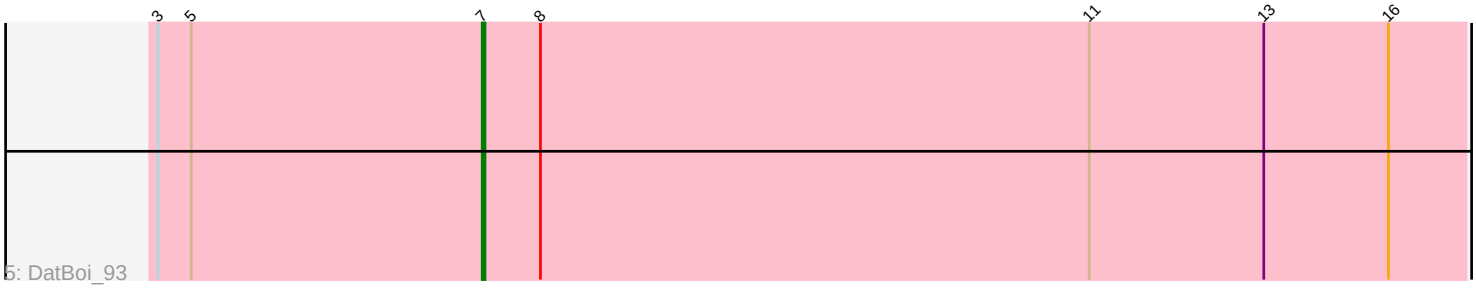
Pham 346578


3
4
5
12
13
15
1: Mollymur_97


3
5
7
8
11
13
14
16
2: Bantam_97


3
5
7
8
9
11
13
14
16
3: SpeedDemon_990


1
2
5
6
10
11
13
4: Towmatter_86 + 1


3
5
7
8
11
13
16
5: DatBoi_93

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 346578 Report

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

Pham number 346578 has 6 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Mollymur_97
• Track 2 : Bantam_97
• Track 3 : SpeedDemon_990
• Track 4 : Towmatter_86, Daredevil_87
• Track 5 : DatBoi_93

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

The start number called the most often in the published annotations is 3, it was called in 2 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bantam_97, Mollymur_97,

Genes that have the "Most Annotated" start but do not call it:
• DatBoi_93, SpeedDemon_990,

Genes that do not have the "Most Annotated" start:
• Daredevil_87, Towmatter_86,

Summary by start number:

Start 3:
• Found in 4 of 6 (66.7%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Bantam_97 (DL), Mollymur_97 (DL),

Start 5:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 33.3% of time when present
• Phage (with cluster) where this start called: Daredevil_87 (DL), Towmatter_86 (DL),

Start 7:
• Found in 3 of 6 (50.0%) of genes in pham
• Manual Annotations of this start: 2 of 6
• Called 66.7% of time when present
• Phage (with cluster) where this start called: DatBoi_93 (DL), SpeedDemon_990 (DL),

Summary by clusters:

There is one cluster represented in this pham: DL

Info for manual annotations of cluster DL:
•Start number 3 was manually annotated 2 times for cluster DL.
•Start number 5 was manually annotated 2 times for cluster DL.
•Start number 7 was manually annotated 2 times for cluster DL.

Gene Information:

Gene: Bantam_97 Start: 64486, Stop: 64971, Start Num: 3
Candidate Starts for Bantam_97:
(Start: 3 @64486 has 2 MA's), (Start: 5 @64498 has 2 MA's), (Start: 7 @64603 has 2 MA's), (8, 64624), (11, 64822), (13, 64885), (14, 64888), (16, 64930),

Gene: Daredevil_87 Start: 60178, Stop: 60651, Start Num: 5
Candidate Starts for Daredevil_87:
(1, 60142), (2, 60160), (Start: 5 @60178 has 2 MA's), (6, 60262), (10, 60448), (11, 60502), (13, 60565),

Gene: DatBoi_93 Start: 63748, Stop: 64116, Start Num: 7
Candidate Starts for DatBoi_93:
(Start: 3 @63631 has 2 MA's), (Start: 5 @63643 has 2 MA's), (Start: 7 @63748 has 2 MA's), (8, 63769), (11, 63967), (13, 64030), (16, 64075),

Gene: Mollymur_97 Start: 65333, Stop: 65821, Start Num: 3
Candidate Starts for Mollymur_97:
(Start: 3 @65333 has 2 MA's), (4, 65336), (Start: 5 @65345 has 2 MA's), (12, 65684), (13, 65732), (15, 65771),

Gene: SpeedDemon_990 Start: 67135, Stop: 67503, Start Num: 7
Candidate Starts for SpeedDemon_990:
(Start: 3 @67018 has 2 MA's), (Start: 5 @67030 has 2 MA's), (Start: 7 @67135 has 2 MA's), (8, 67156), (9, 67207), (11, 67354), (13, 67417), (14, 67420), (16, 67462),

Gene: Towmatter_86 Start: 60260, Stop: 60733, Start Num: 5
Candidate Starts for Towmatter_86:
(1, 60224), (2, 60242), (Start: 5 @60260 has 2 MA's), (6, 60344), (10, 60530), (11, 60584), (13, 60647),