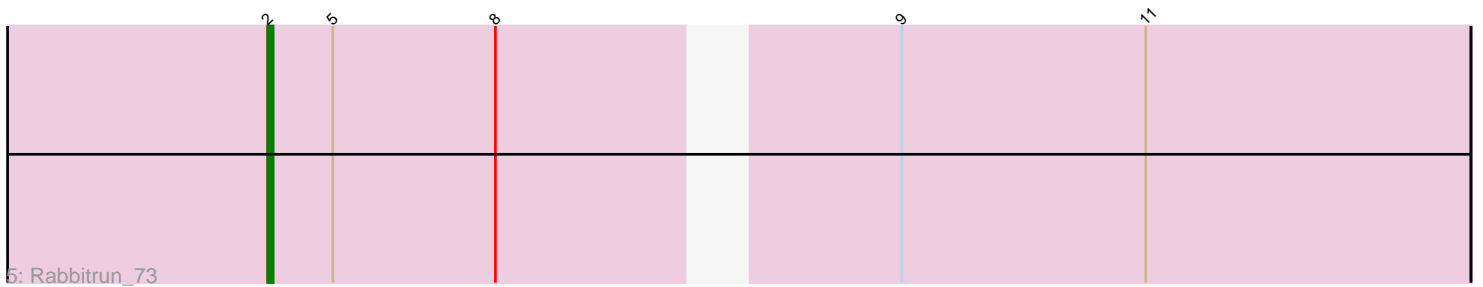
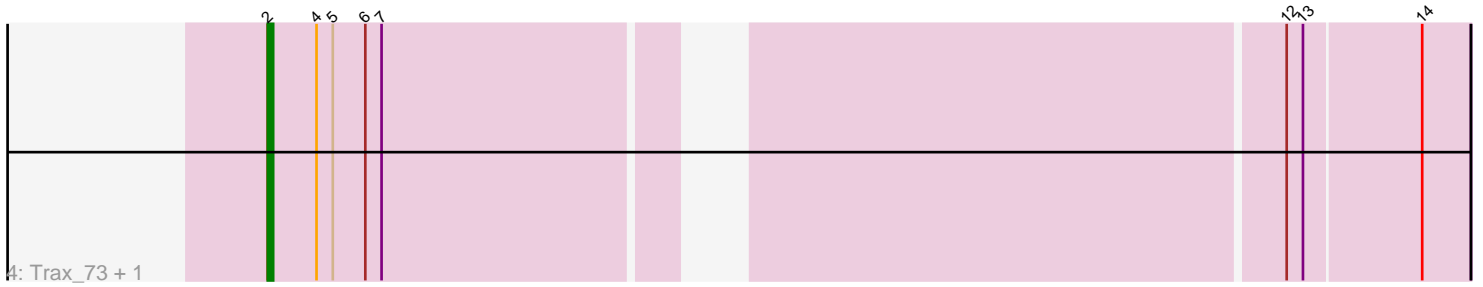
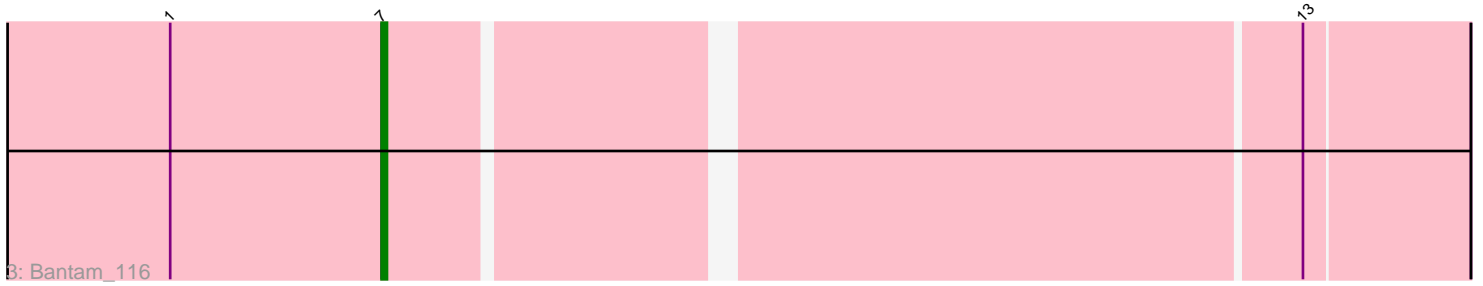
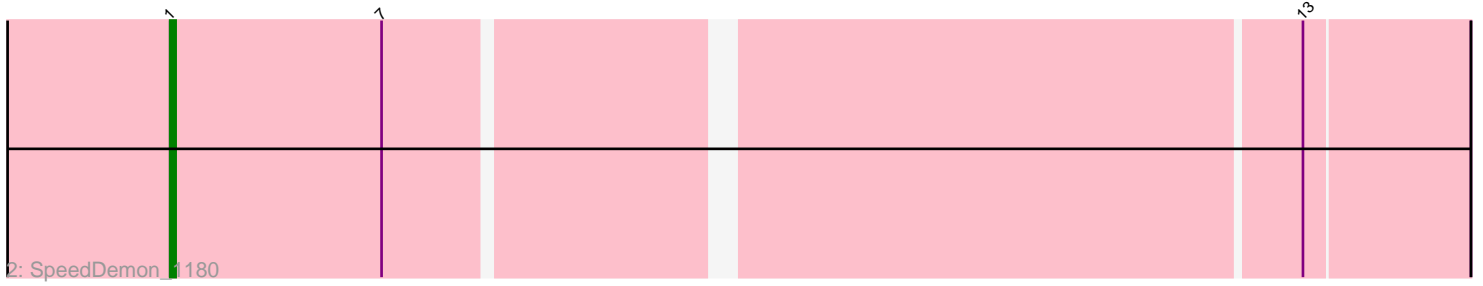
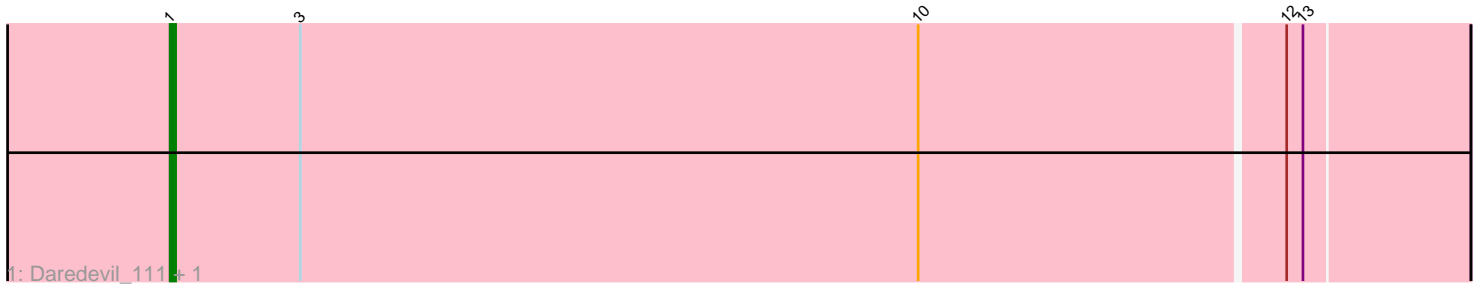


Pham 297340



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 297340 Report

This analysis was run 04/25/26 on database version 644.

Pham number 297340 has 7 members, 1 are drafts.

Phages represented in each track:

- Track 1 : Daredevil_111, Towmatter_111
- Track 2 : SpeedDemon_1180
- Track 3 : Bantam_116
- Track 4 : Trax_73, LilJank_73
- Track 5 : Rabbitrun_73

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

The start number called the most often in the published annotations is 1, it was called in 3 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Daredevil_111, SpeedDemon_1180, Towmatter_111,

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

- Bantam_116,

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

- LilJank_73, Rabbitrun_73, Trax_73,

Summary by start number:

Start 1:

- Found in 4 of 7 (57.1%) of genes in pham
- Manual Annotations of this start: 3 of 6
- Called 75.0% of time when present
- Phage (with cluster) where this start called: Daredevil_111 (DL), SpeedDemon_1180 (DL), Towmatter_111 (DL),

Start 2:

- Found in 3 of 7 (42.9%) of genes in pham
- Manual Annotations of this start: 2 of 6
- Called 100.0% of time when present

- Phage (with cluster) where this start called: LilJank_73 (DU2), Rabbitrun_73 (DU2), Trax_73 (DU2),

Start 7:

- Found in 4 of 7 (57.1%) of genes in pham
- Manual Annotations of this start: 1 of 6
- Called 25.0% of time when present
- Phage (with cluster) where this start called: Bantam_116 (DL),

Summary by clusters:

There are 2 clusters represented in this pham: DL, DU2,

Info for manual annotations of cluster DL:

- Start number 1 was manually annotated 3 times for cluster DL.
- Start number 7 was manually annotated 1 time for cluster DL.

Info for manual annotations of cluster DU2:

- Start number 2 was manually annotated 2 times for cluster DU2.

Gene Information:

Gene: Bantam_116 Start: 73048, Stop: 73236, Start Num: 7

Candidate Starts for Bantam_116:

(Start: 1 @73009 has 3 MA's), (Start: 7 @73048 has 1 MA's), (13, 73207),

Gene: Daredevil_111 Start: 69987, Stop: 70223, Start Num: 1

Candidate Starts for Daredevil_111:

(Start: 1 @69987 has 3 MA's), (3, 70011), (10, 70125), (12, 70191), (13, 70194),

Gene: LilJank_73 Start: 46004, Stop: 46207, Start Num: 2

Candidate Starts for LilJank_73:

(Start: 2 @46004 has 2 MA's), (4, 46013), (5, 46016), (6, 46022), (Start: 7 @46025 has 1 MA's), (12, 46175), (13, 46178), (14, 46199),

Gene: Rabbitrun_73 Start: 44915, Stop: 45124, Start Num: 2

Candidate Starts for Rabbitrun_73:

(Start: 2 @44915 has 2 MA's), (5, 44927), (8, 44957), (9, 45020), (11, 45065),

Gene: SpeedDemon_1180 Start: 76063, Stop: 76290, Start Num: 1

Candidate Starts for SpeedDemon_1180:

(Start: 1 @76063 has 3 MA's), (Start: 7 @76102 has 1 MA's), (13, 76261),

Gene: Towmatter_111 Start: 70068, Stop: 70304, Start Num: 1

Candidate Starts for Towmatter_111:

(Start: 1 @70068 has 3 MA's), (3, 70092), (10, 70206), (12, 70272), (13, 70275),

Gene: Trax_73 Start: 45629, Stop: 45832, Start Num: 2

Candidate Starts for Trax_73:

(Start: 2 @45629 has 2 MA's), (4, 45638), (5, 45641), (6, 45647), (Start: 7 @45650 has 1 MA's), (12, 45800), (13, 45803), (14, 45824),

