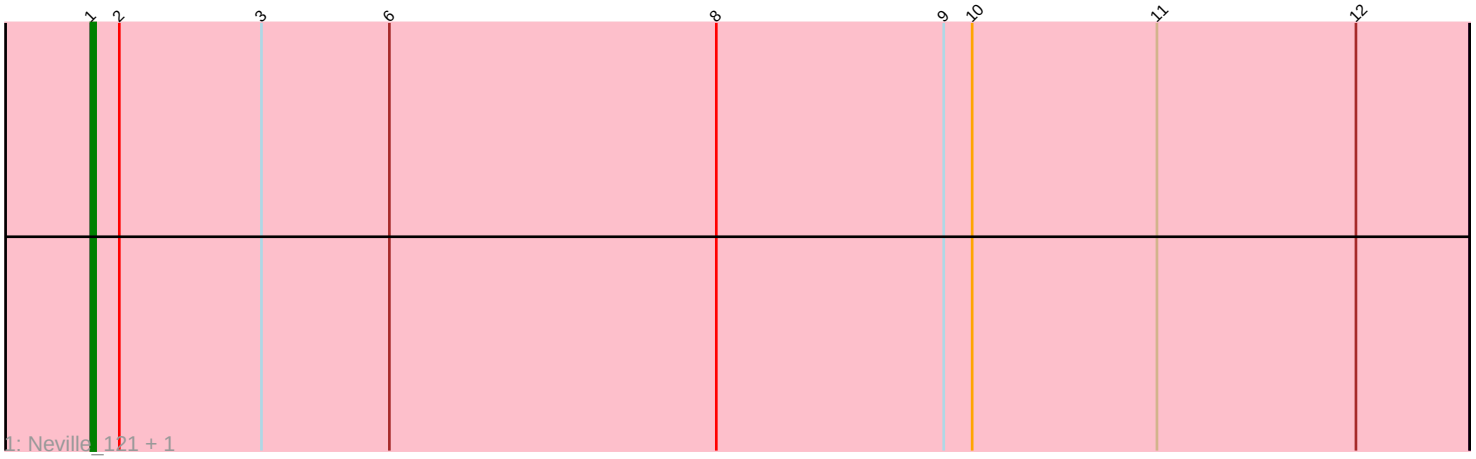
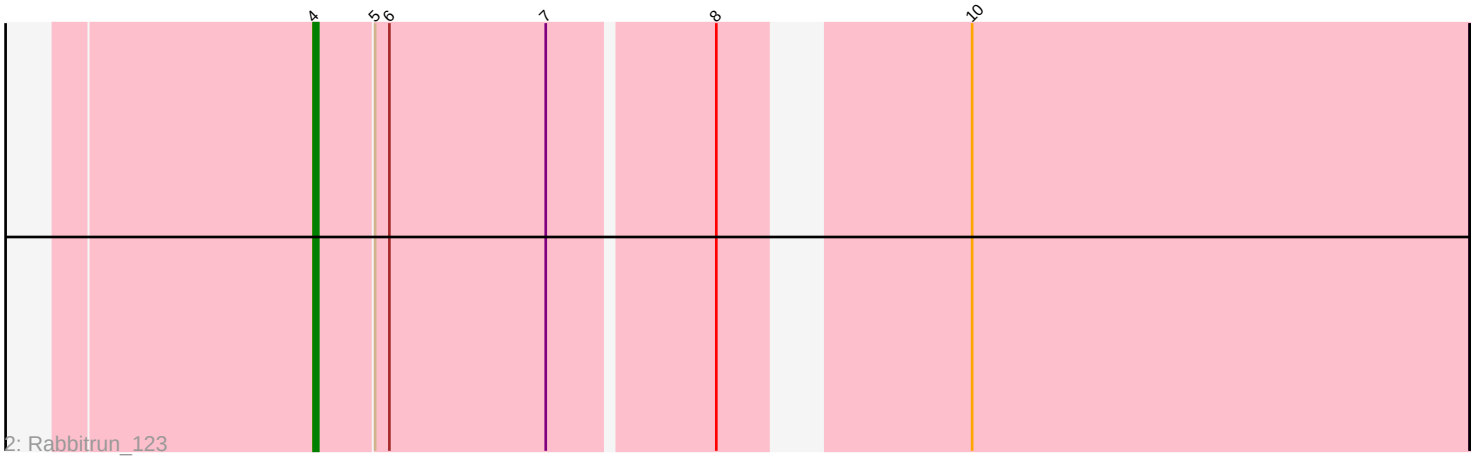
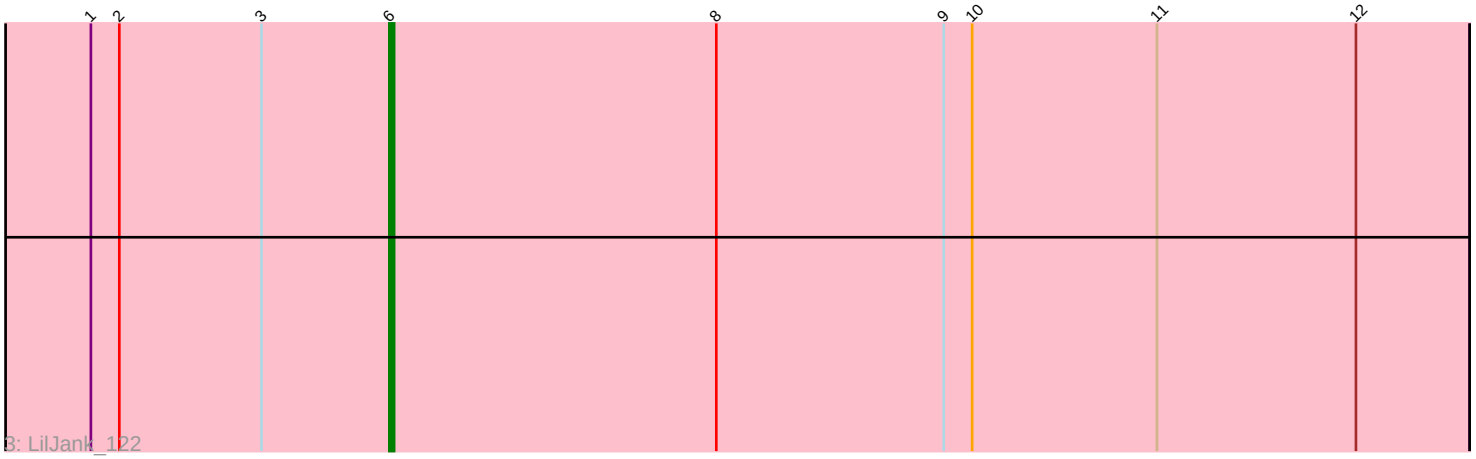
Pham 346653


1
2
3
6
8
9
10
11
12
1: Neville_121 + 1


4
5
6
7
8
10
2: Rabbitrun_123


1
2
3
6
8
9
10
11
12
3: LilJank_122

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 346653 Report

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

Pham number 346653 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Neville_121, Trax_122
• Track 2 : Rabbitrun_123
• Track 3 : LilJank_122

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 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Neville_121, Trax_122,

Genes that have the "Most Annotated" start but do not call it:
• LilJank_122,

Genes that do not have the "Most Annotated" start:
• Rabbitrun_123,

Summary by start number:

Start 1:
• Found in 3 of 4 (75.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Neville_121 (DU2), Trax_122 (DU2),

Start 4:
• Found in 1 of 4 (25.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Rabbitrun_123 (DU2),

Start 6:
• Found in 4 of 4 (100.0%) of genes in pham

• Manual Annotations of this start: 1 of 4
• Called 25.0% of time when present
• Phage (with cluster) where this start called: LilJank_122 (DU2),

Summary by clusters:

There is one cluster represented in this pham: DU2

Info for manual annotations of cluster DU2:
•Start number 1 was manually annotated 2 times for cluster DU2.
•Start number 4 was manually annotated 1 time for cluster DU2.
•Start number 6 was manually annotated 1 time for cluster DU2.

Gene Information:

Gene: LilJank_122 Start: 69245, Stop: 69472, Start Num: 6
Candidate Starts for LilJank_122:
(Start: 1 @69182 has 2 MA's), (2, 69188), (3, 69218), (Start: 6 @69245 has 1 MA's), (8, 69314), (9, 69362), (10, 69368), (11, 69407), (12, 69449),

Gene: Neville_121 Start: 68402, Stop: 68692, Start Num: 1
Candidate Starts for Neville_121:
(Start: 1 @68402 has 2 MA's), (2, 68408), (3, 68438), (Start: 6 @68465 has 1 MA's), (8, 68534), (9, 68582), (10, 68588), (11, 68627), (12, 68669),

Gene: Rabbitrun_123 Start: 70076, Stop: 70303, Start Num: 4
Candidate Starts for Rabbitrun_123:
(Start: 4 @70076 has 1 MA's), (5, 70088), (Start: 6 @70091 has 1 MA's), (7, 70124), (8, 70157), (10, 70199),

Gene: Trax_122 Start: 69222, Stop: 69512, Start Num: 1
Candidate Starts for Trax_122:
(Start: 1 @69222 has 2 MA's), (2, 69228), (3, 69258), (Start: 6 @69285 has 1 MA's), (8, 69354), (9, 69402), (10, 69408), (11, 69447), (12, 69489),