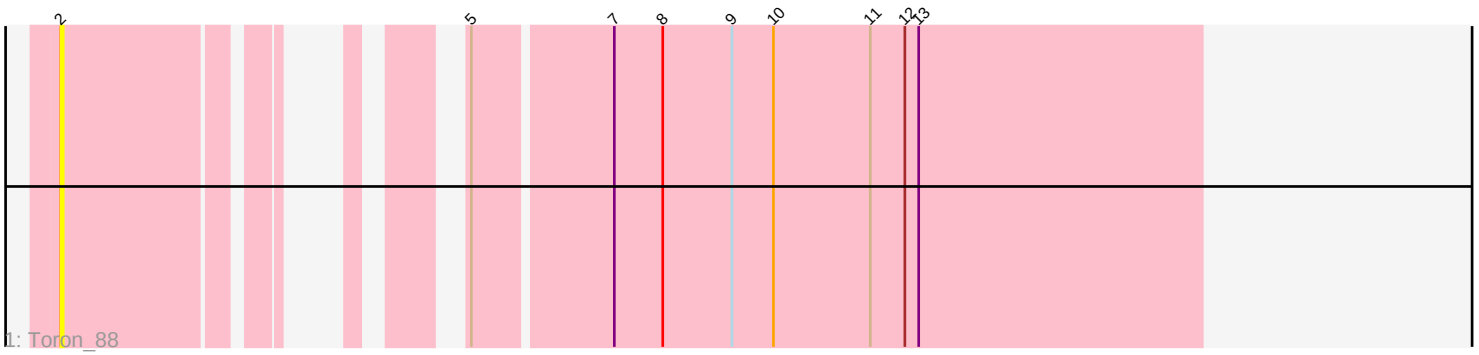
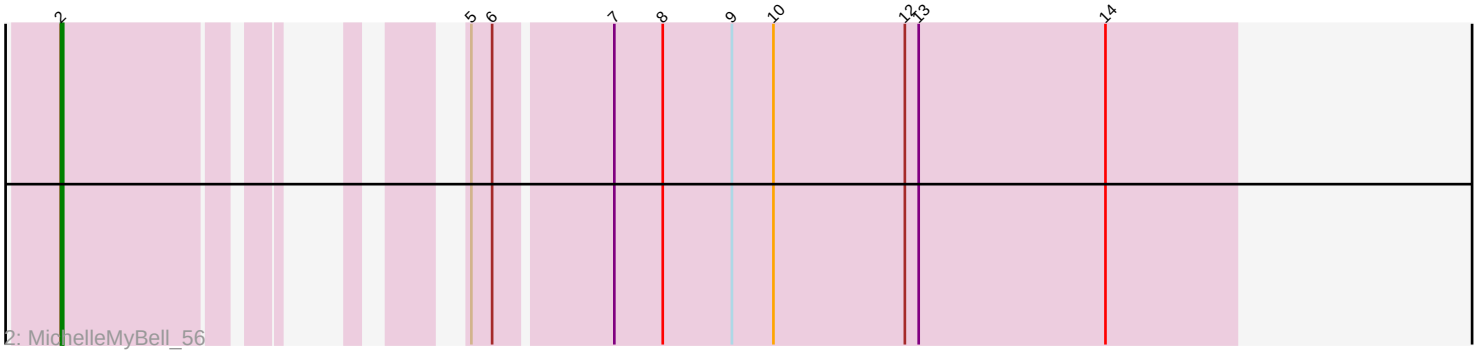
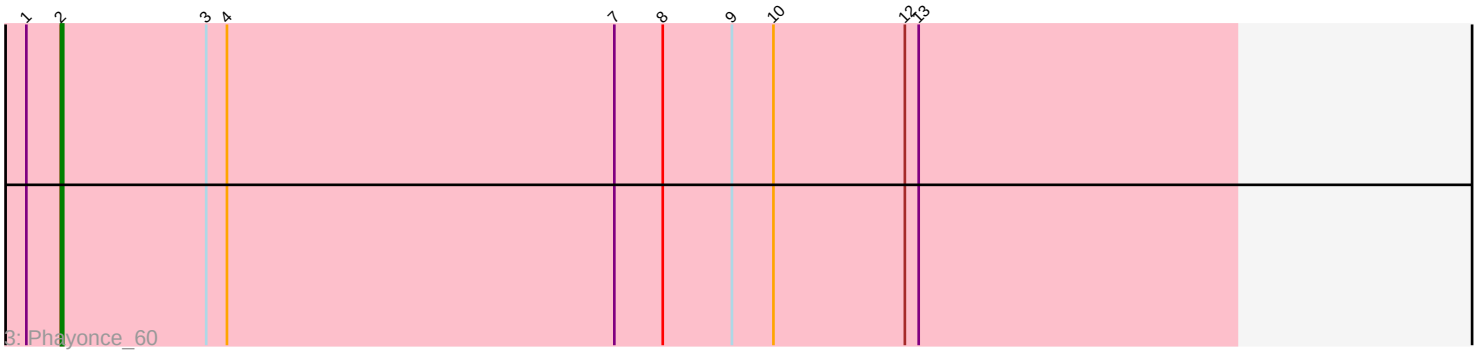
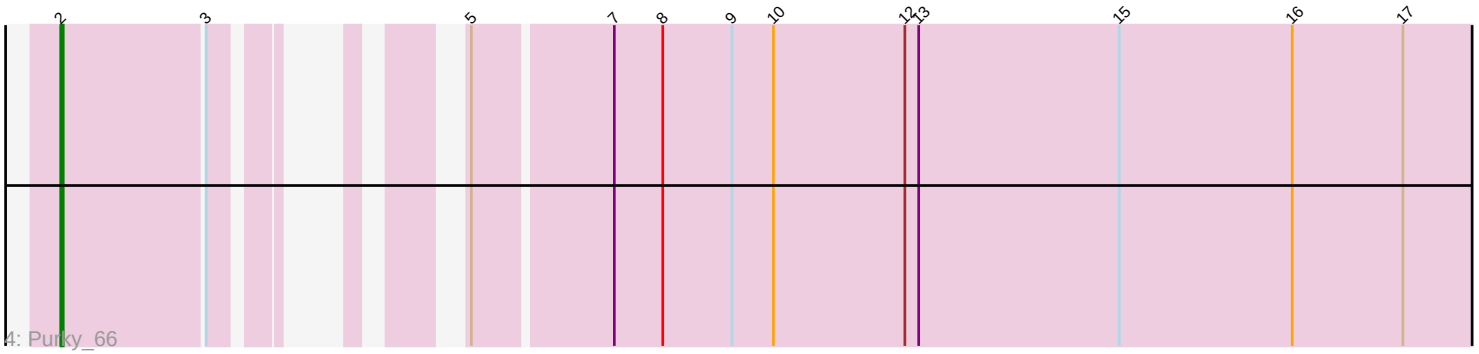
Pham 348489


2
5
7
8
9
10
11
12
13
1: Toron_88


2
5
6
7
8
9
10
12
13
14
2: MichelleMyBell_56


1
2
3
4
7
8
9
10
12
13
3: Phayonce_60


2
3
5
7
8
9
10
12
13
15
16
17
4: Punky_66

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 348489 Report

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

Pham number 348489 has 4 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Toron_88
• Track 2 : MichelleMyBell_56
• Track 3 : Phayonce_60
• Track 4 : Purky_66

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

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

Genes that call this "Most Annotated" start:
• MichelleMyBell_56, Phayonce_60, Purky_66, Toron_88,

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

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

Summary by start number:

Start 2:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: MichelleMyBell_56 (N), Phayonce_60 (P5), Purky_66 (P6), Toron_88 (F6),

Summary by clusters:

There are 4 clusters represented in this pham: P5, P6, F6, N,

Info for manual annotations of cluster N:

•Start number 2 was manually annotated 1 time for cluster N.

Info for manual annotations of cluster P5:
•Start number 2 was manually annotated 1 time for cluster P5.

Info for manual annotations of cluster P6:
•Start number 2 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: MichelleMyBell_56 Start: 35592, Stop: 36032, Start Num: 2
Candidate Starts for MichelleMyBell_56:
(Start: 2 @35592 has 3 MA's), (5, 35706), (6, 35715), (7, 35763), (8, 35784), (9, 35814), (10, 35832), (12, 35889), (13, 35895), (14, 35976),

Gene: Phayonce_60 Start: 41017, Stop: 41526, Start Num: 2
Candidate Starts for Phayonce_60:
(1, 41002), (Start: 2 @41017 has 3 MA's), (3, 41080), (4, 41089), (7, 41257), (8, 41278), (9, 41308), (10, 41326), (12, 41383), (13, 41389),

Gene: Purky_66 Start: 42360, Stop: 42932, Start Num: 2
Candidate Starts for Purky_66:
(Start: 2 @42360 has 3 MA's), (3, 42420), (5, 42474), (7, 42531), (8, 42552), (9, 42582), (10, 42600), (12, 42657), (13, 42663), (15, 42750), (16, 42825), (17, 42873),

Gene: Toron_88 Start: 52133, Stop: 52558, Start Num: 2
Candidate Starts for Toron_88:
(Start: 2 @52133 has 3 MA's), (5, 52247), (7, 52304), (8, 52325), (9, 52355), (10, 52373), (11, 52415), (12, 52430), (13, 52436),