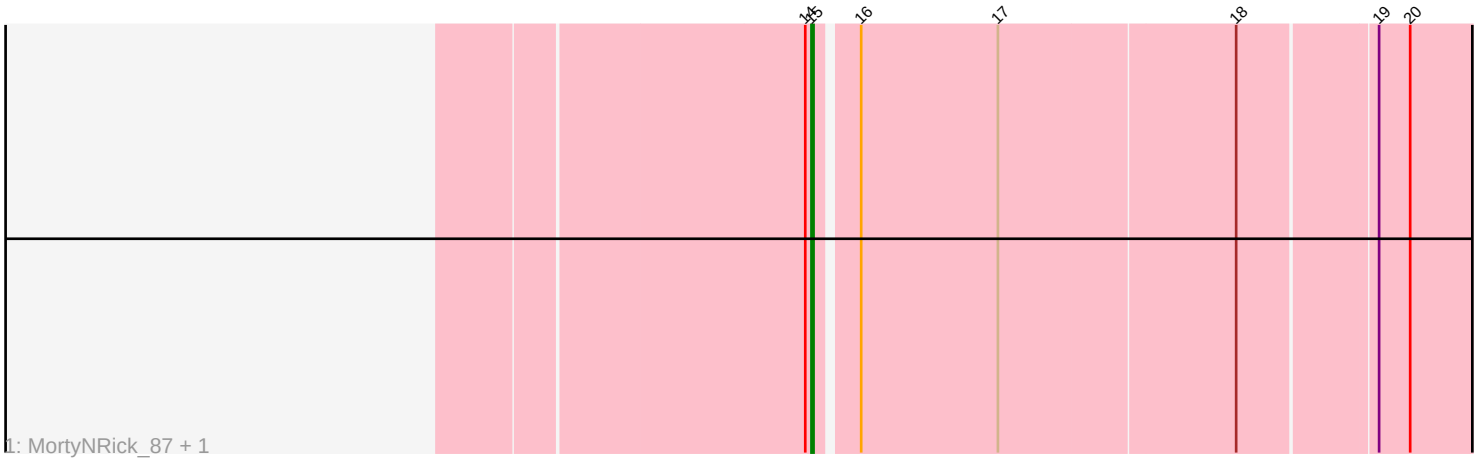
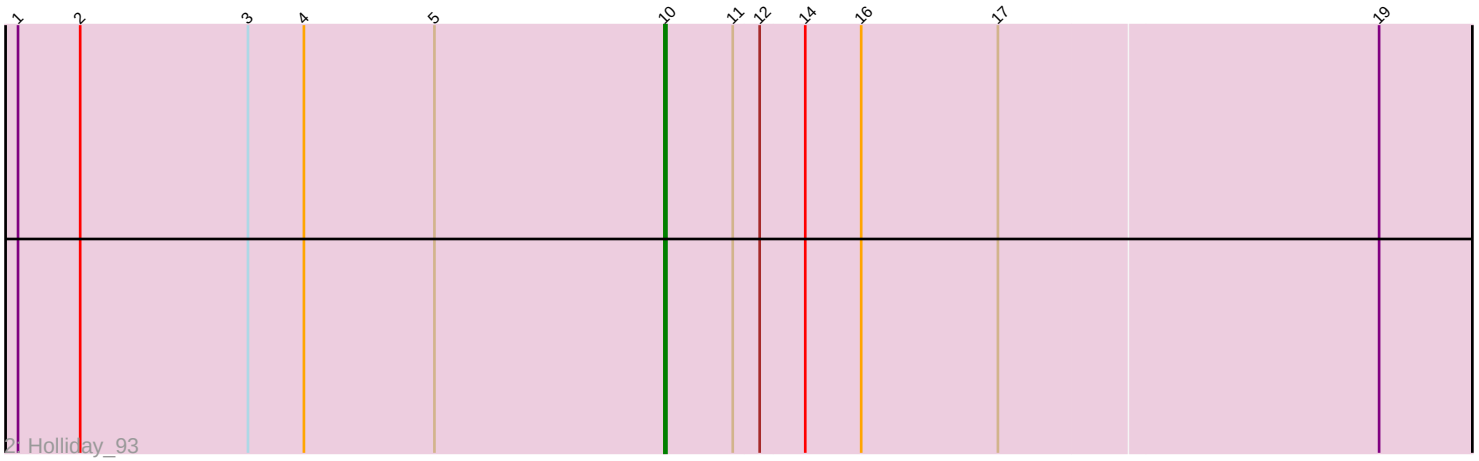
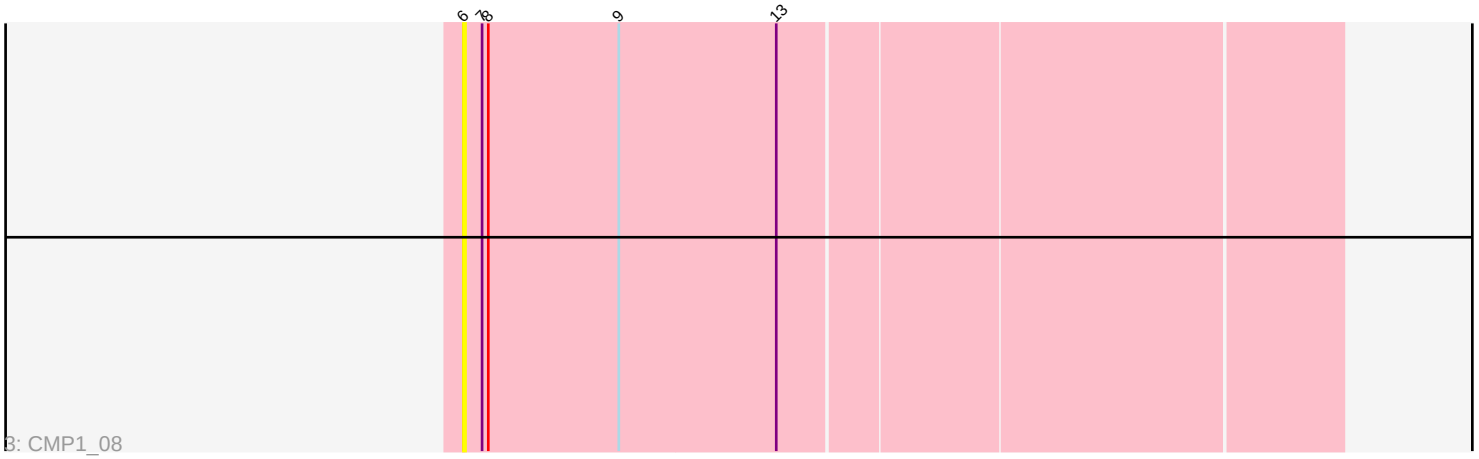
Pham 343044


14
15
16
17
18
19
20
1: MortyNRick_87 + 1


1
2
3
4
5
10
11
12
14
16
17
19
2: Holliday_93


6
7
8
9
13
3: CMP1_08

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 343044 Report

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

Pham number 343044 has 4 members, 1 are drafts.

Phages represented in each track:
• Track 1 : MortyNRick_87, ODay_103
• Track 2 : Holliday_93
• Track 3 : CMP1_08

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

The start number called the most often in the published annotations is 15, it was called in 2 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• MortyNRick_87, ODay_103,

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

Genes that do not have the "Most Annotated" start:
• CMP1_08, Holliday_93,

Summary by start number:

Start 6:
• Found in 1 of 4 (25.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: CMP1_08 (singleton),

Start 10:
• Found in 1 of 4 (25.0%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Holliday_93 (DN1),

Start 15:
• Found in 2 of 4 (50.0%) of genes in pham

• Manual Annotations of this start: 2 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: MortyNRick_87 (DN), ODay_103 (DN),

Summary by clusters:

There are 3 clusters represented in this pham: DN, singleton, DN1,

Info for manual annotations of cluster DN:
•Start number 15 was manually annotated 2 times for cluster DN.

Info for manual annotations of cluster DN1:
•Start number 10 was manually annotated 1 time for cluster DN1.

Gene Information:

Gene: CMP1_08 Start: 4696, Stop: 5109, Start Num: 6
Candidate Starts for CMP1_08:
(6, 4696), (7, 4705), (8, 4708), (9, 4771), (13, 4846),

Gene: Holliday_93 Start: 52807, Stop: 53229, Start Num: 10
Candidate Starts for Holliday_93:
(1, 52495), (2, 52525), (3, 52606), (4, 52633), (5, 52696), (Start: 10 @52807 has 1 MA's), (11, 52840), (12, 52852), (14, 52873), (16, 52900), (17, 52966), (19, 53146),

Gene: MortyNRick_87 Start: 50496, Stop: 50837, Start Num: 15
Candidate Starts for MortyNRick_87:
(14, 50493), (Start: 15 @50496 has 2 MA's), (16, 50514), (17, 50580), (18, 50691), (19, 50754), (20, 50769),

Gene: ODay_103 Start: 53531, Stop: 53872, Start Num: 15
Candidate Starts for ODay_103:
(14, 53528), (Start: 15 @53531 has 2 MA's), (16, 53549), (17, 53615), (18, 53726), (19, 53789), (20, 53804),