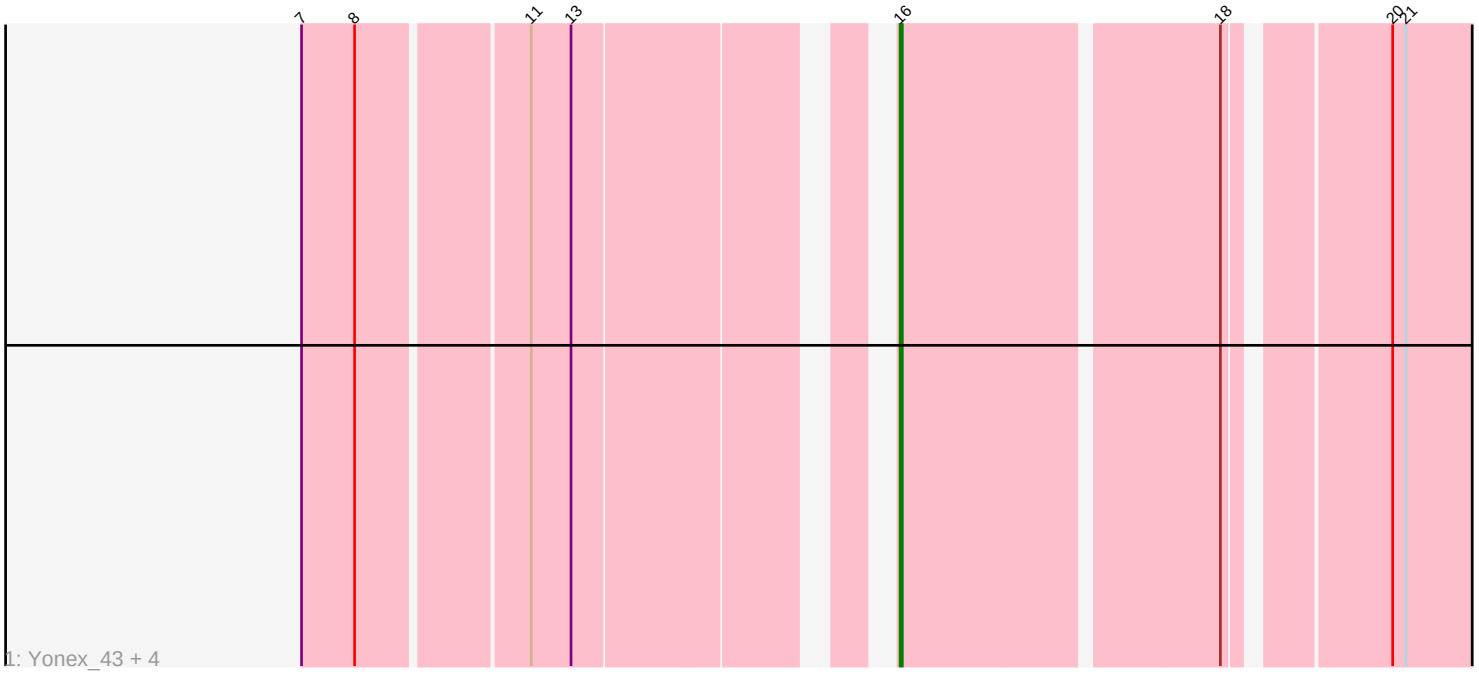
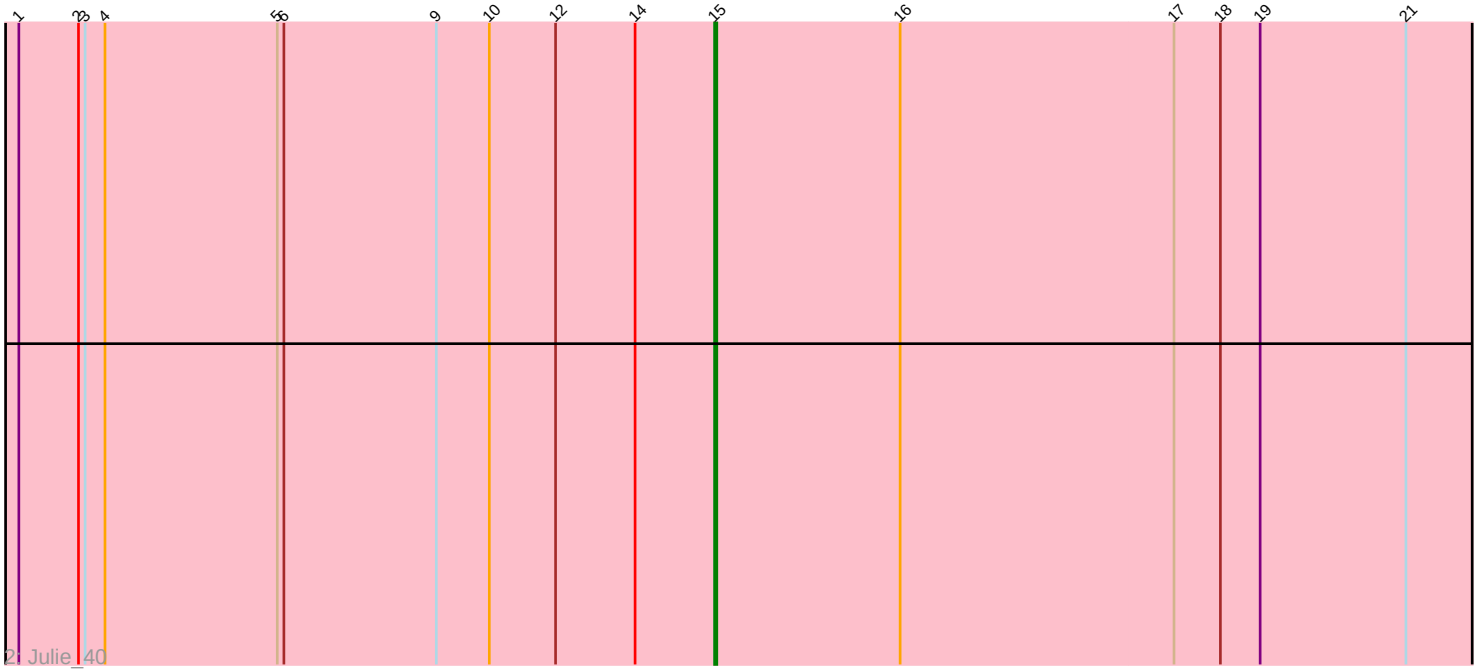
Pham 348382


7
8
11
13
16
18
20
21
1: Yonex_43 + 4


1
2
3
4
5
6
9
10
12
14
15
16
17
18
19
21
2: Julie_40

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 348382 Report

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

Pham number 348382 has 6 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Yonex_43, Ryan_43, BigSherm_42, Nandita_43, Saintcarr_42
• Track 2 : Julie_40

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

The start number called the most often in the published annotations is 16, it was called in 3 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BigSherm_42, Nandita_43, Ryan_43, Saintcarr_42, Yonex_43,

Genes that have the "Most Annotated" start but do not call it:
• Julie_40,

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

Summary by start number:

Start 15:
• Found in 1 of 6 (16.7%) 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: Julie_40 (FF),

Start 16:
• Found in 6 of 6 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 4
• Called 83.3% of time when present
• Phage (with cluster) where this start called: BigSherm_42 (FF), Nandita_43 (FF), Ryan_43 (FF), Saintcarr_42 (FF), Yonex_43 (FF),

Summary by clusters:

There is one cluster represented in this pham: FF

Info for manual annotations of cluster FF:
•Start number 15 was manually annotated 1 time for cluster FF.
•Start number 16 was manually annotated 3 times for cluster FF.

Gene Information:

Gene: BigSherm_42 Start: 29733, Stop: 29419, Start Num: 16
Candidate Starts for BigSherm_42:
(7, 29961), (8, 29937), (11, 29865), (13, 29847), (Start: 16 @29733 has 3 MA's), (18, 29598), (20, 29535), (21, 29529),

Gene: Julie_40 Start: 30481, Stop: 30059, Start Num: 15
Candidate Starts for Julie_40:
(1, 30796), (2, 30769), (3, 30766), (4, 30757), (5, 30679), (6, 30676), (9, 30607), (10, 30583), (12, 30553), (14, 30517), (Start: 15 @30481 has 1 MA's), (Start: 16 @30397 has 3 MA's), (17, 30274), (18, 30253), (19, 30235), (21, 30169),

Gene: Nandita_43 Start: 29959, Stop: 29645, Start Num: 16
Candidate Starts for Nandita_43:
(7, 30187), (8, 30163), (11, 30091), (13, 30073), (Start: 16 @29959 has 3 MA's), (18, 29824), (20, 29761), (21, 29755),

Gene: Ryan_43 Start: 30508, Stop: 30194, Start Num: 16
Candidate Starts for Ryan_43:
(7, 30736), (8, 30712), (11, 30640), (13, 30622), (Start: 16 @30508 has 3 MA's), (18, 30373), (20, 30310), (21, 30304),

Gene: Saintcarr_42 Start: 30279, Stop: 29965, Start Num: 16
Candidate Starts for Saintcarr_42:
(7, 30507), (8, 30483), (11, 30411), (13, 30393), (Start: 16 @30279 has 3 MA's), (18, 30144), (20, 30081), (21, 30075),

Gene: Yonex_43 Start: 30508, Stop: 30194, Start Num: 16
Candidate Starts for Yonex_43:
(7, 30736), (8, 30712), (11, 30640), (13, 30622), (Start: 16 @30508 has 3 MA's), (18, 30373), (20, 30310), (21, 30304),