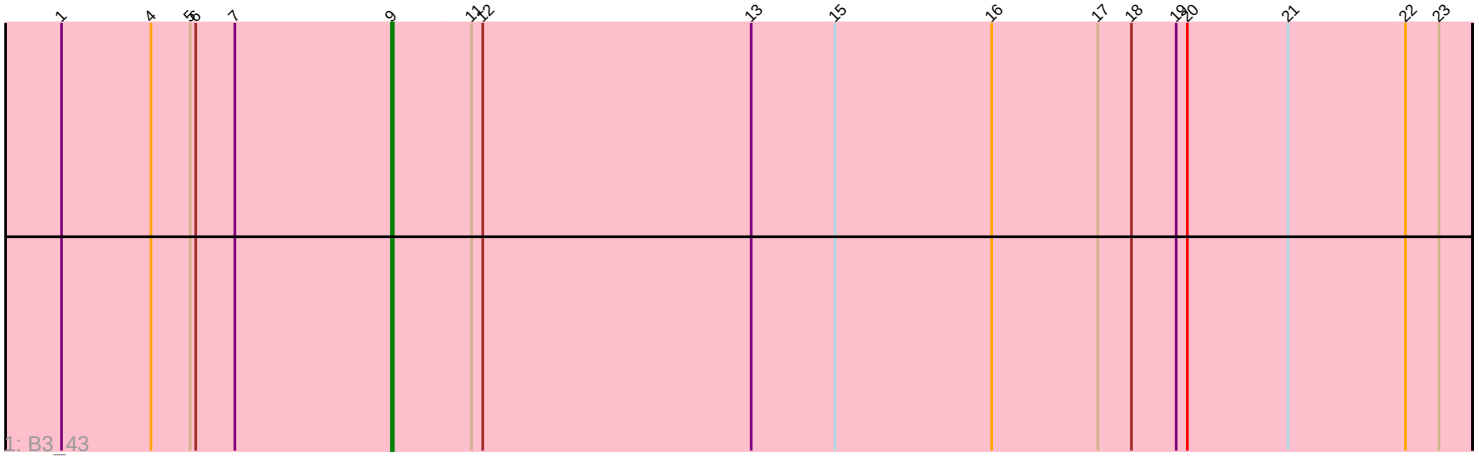
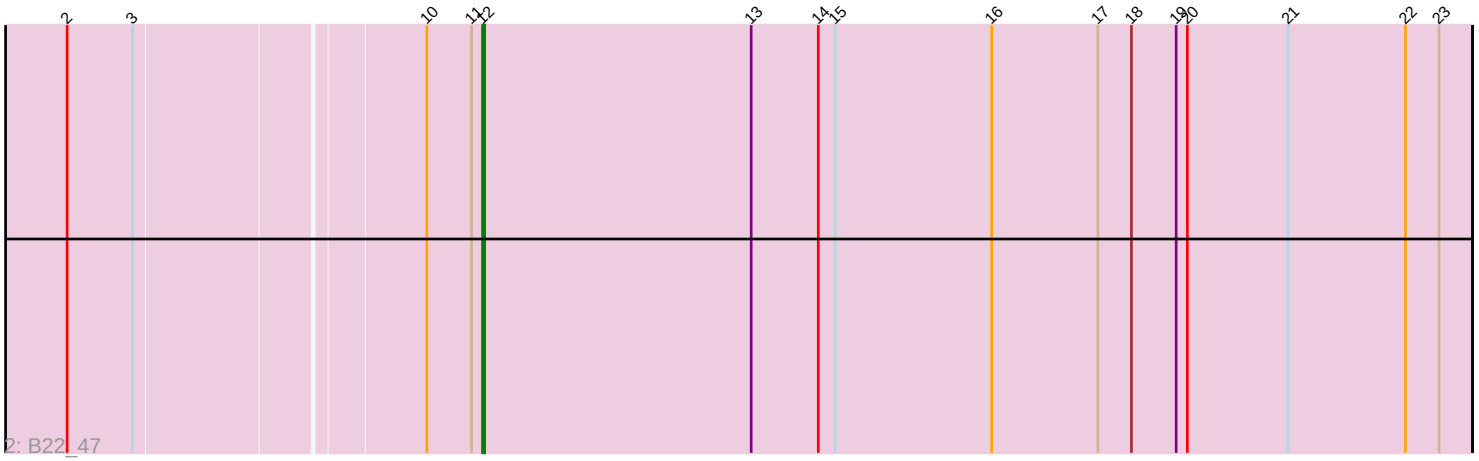
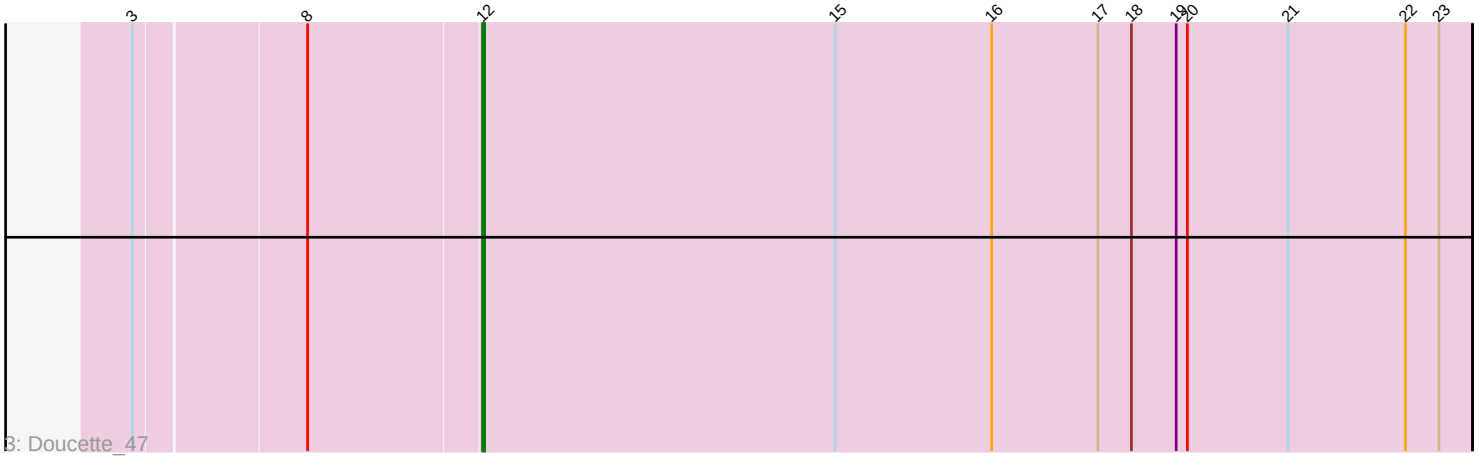
Pham 346701


1
4
5
6
7
9
11
12
13
15
16
17
18
19
20
21
22
23
1: B3_43


2
3
10
11
12
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14
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16
17
18
19
20
21
22
23
2: B22_47


3
8
12
15
16
17
18
19
20
21
22
23
3: Doucette_47

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 346701 Report

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

Pham number 346701 has 3 members, 0 are drafts.

Phages represented in each track:
• Track 1 : B3_43
• Track 2 : B22_47
• Track 3 : Doucette_47

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

The start number called the most often in the published annotations is 12, it was called in 2 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• B22_47, Doucette_47,

Genes that have the "Most Annotated" start but do not call it:
• B3_43,

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

Summary by start number:

Start 9:
• Found in 1 of 3 (33.3%) 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: B3_43 (BV),

Start 12:
• Found in 3 of 3 (100.0%) of genes in pham
• Manual Annotations of this start: 2 of 3
• Called 66.7% of time when present
• Phage (with cluster) where this start called: B22_47 (BW), Doucette_47 (BW),

Summary by clusters:

There are 2 clusters represented in this pham: BV, BW,

Info for manual annotations of cluster BV:
•Start number 9 was manually annotated 1 time for cluster BV.

Info for manual annotations of cluster BW:
•Start number 12 was manually annotated 2 times for cluster BW.

Gene Information:

Gene: B22_47 Start: 29827, Stop: 30357, Start Num: 12
Candidate Starts for B22_47:
(2, 29620), (3, 29653), (10, 29797), (11, 29821), (Start: 12 @29827 has 2 MA's), (13, 29971), (14, 30007), (15, 30016), (16, 30100), (17, 30157), (18, 30175), (19, 30199), (20, 30205), (21, 30259), (22, 30322), (23, 30340),

Gene: B3_43 Start: 29400, Stop: 29978, Start Num: 9
Candidate Starts for B3_43:
(1, 29223), (4, 29271), (5, 29292), (6, 29295), (7, 29316), (Start: 9 @29400 has 1 MA's), (11, 29442), (Start: 12 @29448 has 2 MA's), (13, 29592), (15, 29637), (16, 29721), (17, 29778), (18, 29796), (19, 29820), (20, 29826), (21, 29880), (22, 29943), (23, 29961),

Gene: Doucette_47 Start: 31594, Stop: 32124, Start Num: 12
Candidate Starts for Doucette_47:
(3, 31417), (8, 31504), (Start: 12 @31594 has 2 MA's), (15, 31783), (16, 31867), (17, 31924), (18, 31942), (19, 31966), (20, 31972), (21, 32026), (22, 32089), (23, 32107),