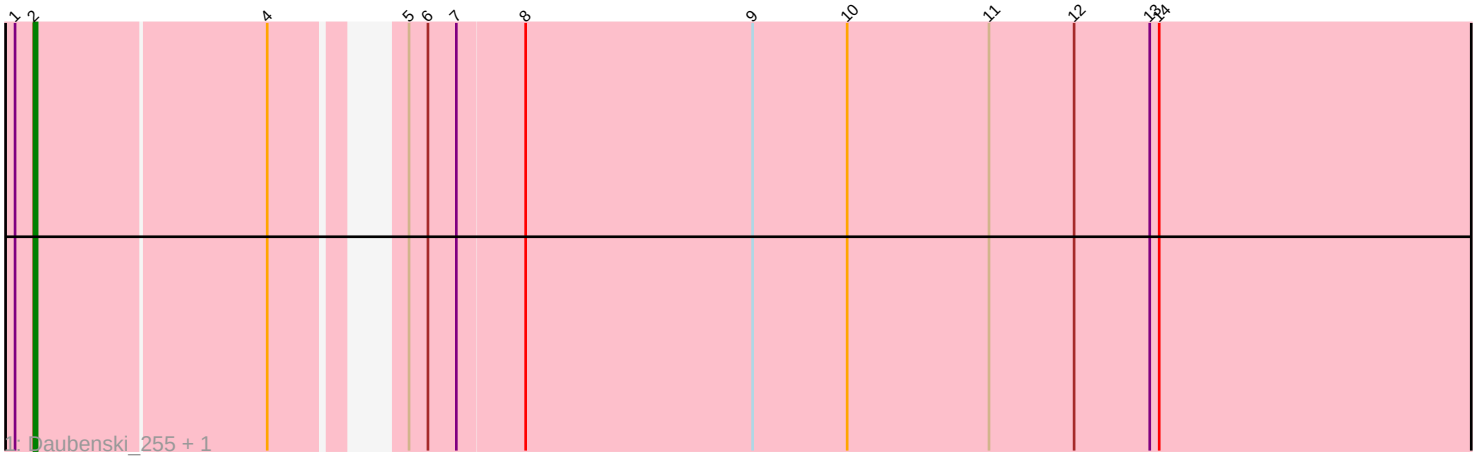
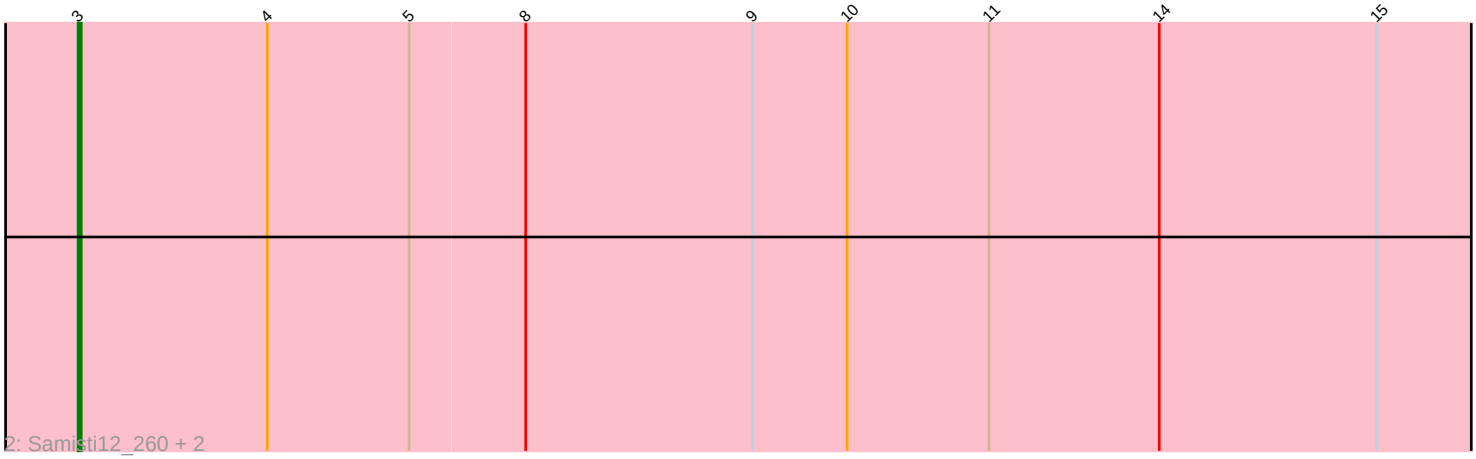
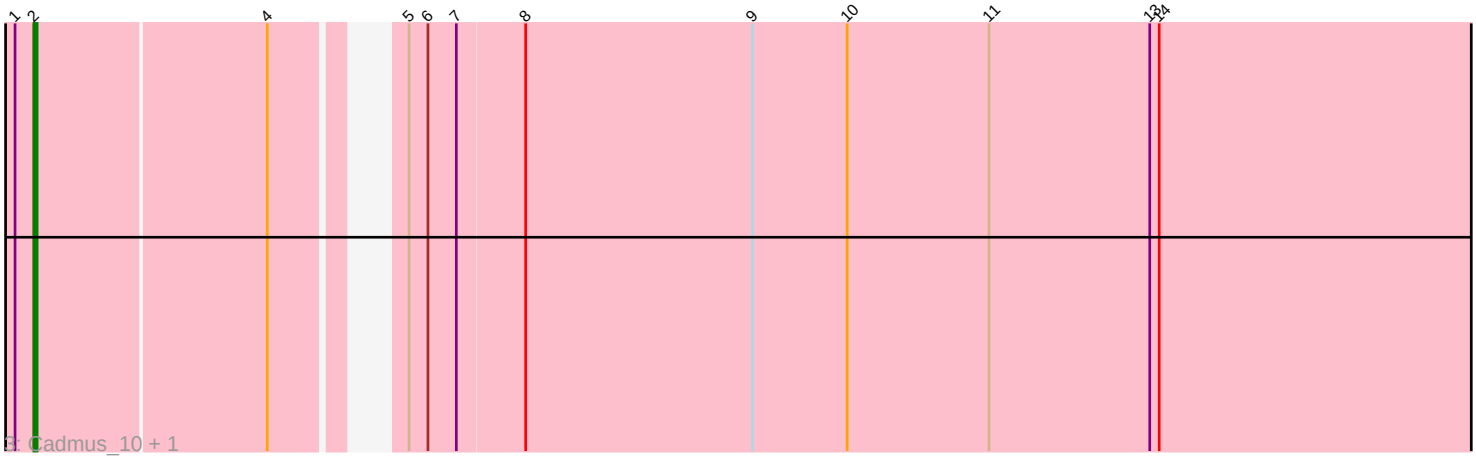
Pham 342897


1
2
4
5
6
7
8
9
10
11
12
13
14
1: Daubenski_255 + 1


3
4
5
8
9
10
11
14
15
2: Samisti12_260 + 2


1
2
4
5
6
7
8
9
10
11
13
14
3: Cadmus_10 + 1

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 342897 Report

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

Pham number 342897 has 7 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Daubenski_255, Daubenski_11
• Track 2 : Samisti12_260, Samisti12_9, Sushi23_260
• Track 3 : Cadmus_10, Cadmus_258

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 4 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Cadmus_10, Cadmus_258, Daubenski_11, Daubenski_255,

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

Genes that do not have the "Most Annotated" start:
• Samisti12_260, Samisti12_9, Sushi23_260,

Summary by start number:

Start 2:
• Found in 4 of 7 (57.1%) of genes in pham
• Manual Annotations of this start: 4 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Cadmus_10 (BE1), Cadmus_258 (BE1), Daubenski_11 (BE1), Daubenski_255 (BE1),

Start 3:
• Found in 3 of 7 (42.9%) of genes in pham
• Manual Annotations of this start: 3 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Samisti12_260 (BE1), Samisti12_9 (BE1), Sushi23_260 (BE1),

Summary by clusters:

There is one cluster represented in this pham: BE1

Info for manual annotations of cluster BE1:
•Start number 2 was manually annotated 4 times for cluster BE1.
•Start number 3 was manually annotated 3 times for cluster BE1.

Gene Information:

Gene: Cadmus_10 Start: 6182, Stop: 5742, Start Num: 2
Candidate Starts for Cadmus_10:
(1, 6188), (Start: 2 @6182 has 4 MA's), (4, 6110), (5, 6083), (6, 6077), (7, 6068), (8, 6047), (9, 5975), (10, 5945), (11, 5900), (13, 5849), (14, 5846),

Gene: Cadmus_258 Start: 128663, Stop: 128223, Start Num: 2
Candidate Starts for Cadmus_258:
(1, 128669), (Start: 2 @128663 has 4 MA's), (4, 128591), (5, 128564), (6, 128558), (7, 128549), (8, 128528), (9, 128456), (10, 128426), (11, 128381), (13, 128330), (14, 128327),

Gene: Daubenski_255 Start: 128556, Stop: 128116, Start Num: 2
Candidate Starts for Daubenski_255:
(1, 128562), (Start: 2 @128556 has 4 MA's), (4, 128484), (5, 128457), (6, 128451), (7, 128442), (8, 128421), (9, 128349), (10, 128319), (11, 128274), (12, 128247), (13, 128223), (14, 128220),

Gene: Daubenski_11 Start: 6180, Stop: 5740, Start Num: 2
Candidate Starts for Daubenski_11:
(1, 6186), (Start: 2 @6180 has 4 MA's), (4, 6108), (5, 6081), (6, 6075), (7, 6066), (8, 6045), (9, 5973), (10, 5943), (11, 5898), (12, 5871), (13, 5847), (14, 5844),

Gene: Samisti12_260 Start: 128977, Stop: 128531, Start Num: 3
Candidate Starts for Samisti12_260:
(Start: 3 @128977 has 3 MA's), (4, 128917), (5, 128872), (8, 128836), (9, 128764), (10, 128734), (11, 128689), (14, 128635), (15, 128566),

Gene: Samisti12_9 Start: 5933, Stop: 5487, Start Num: 3
Candidate Starts for Samisti12_9:
(Start: 3 @5933 has 3 MA's), (4, 5873), (5, 5828), (8, 5792), (9, 5720), (10, 5690), (11, 5645), (14, 5591), (15, 5522),

Gene: Sushi23_260 Start: 128777, Stop: 128331, Start Num: 3
Candidate Starts for Sushi23_260:
(Start: 3 @128777 has 3 MA's), (4, 128717), (5, 128672), (8, 128636), (9, 128564), (10, 128534), (11, 128489), (14, 128435), (15, 128366),