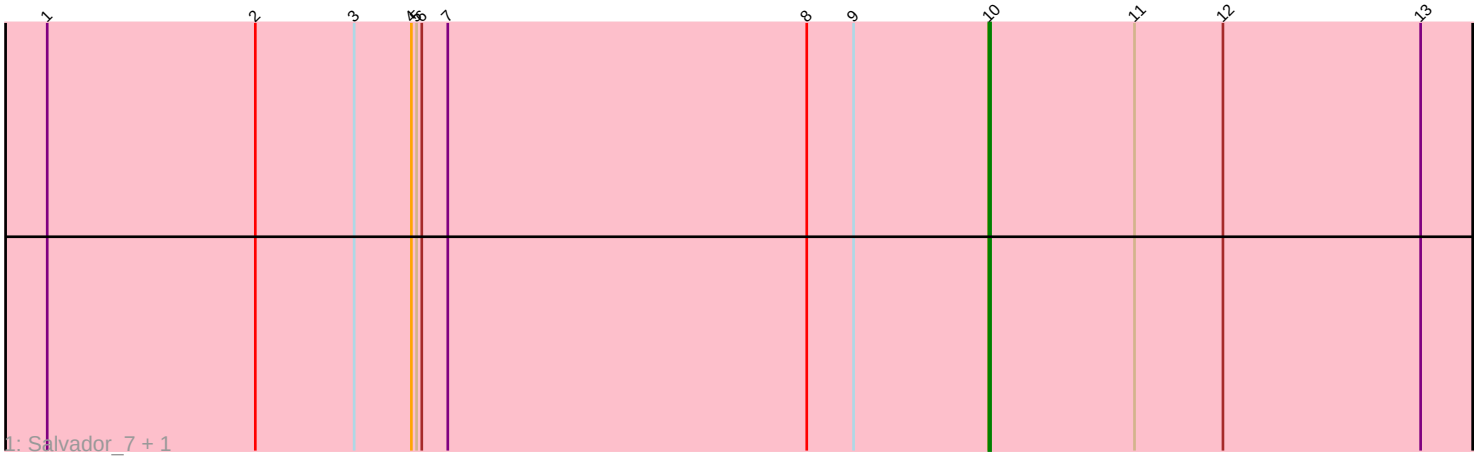
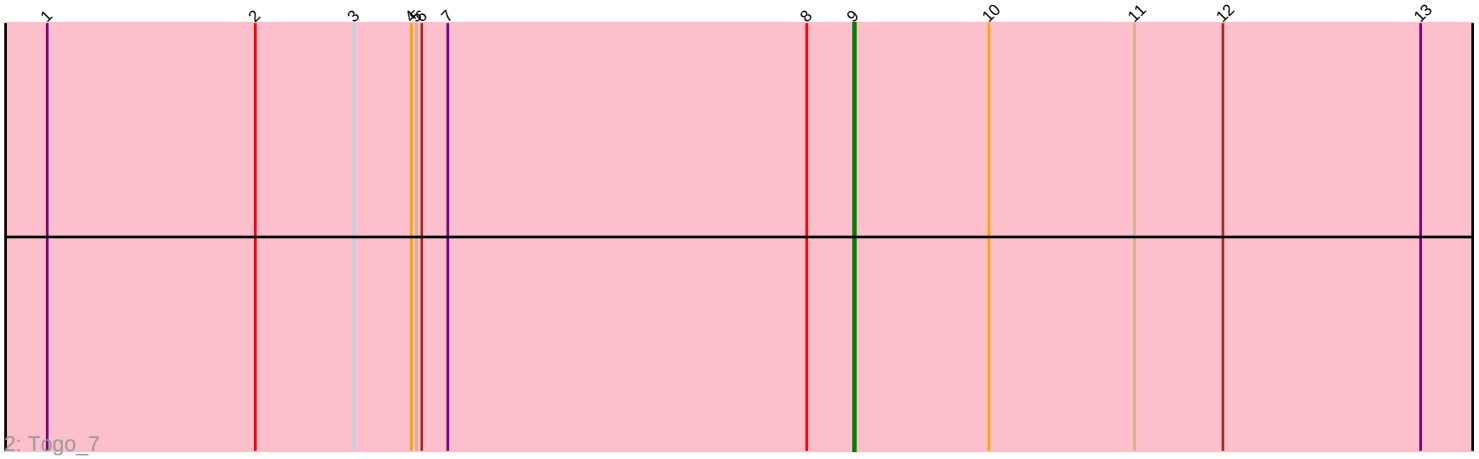
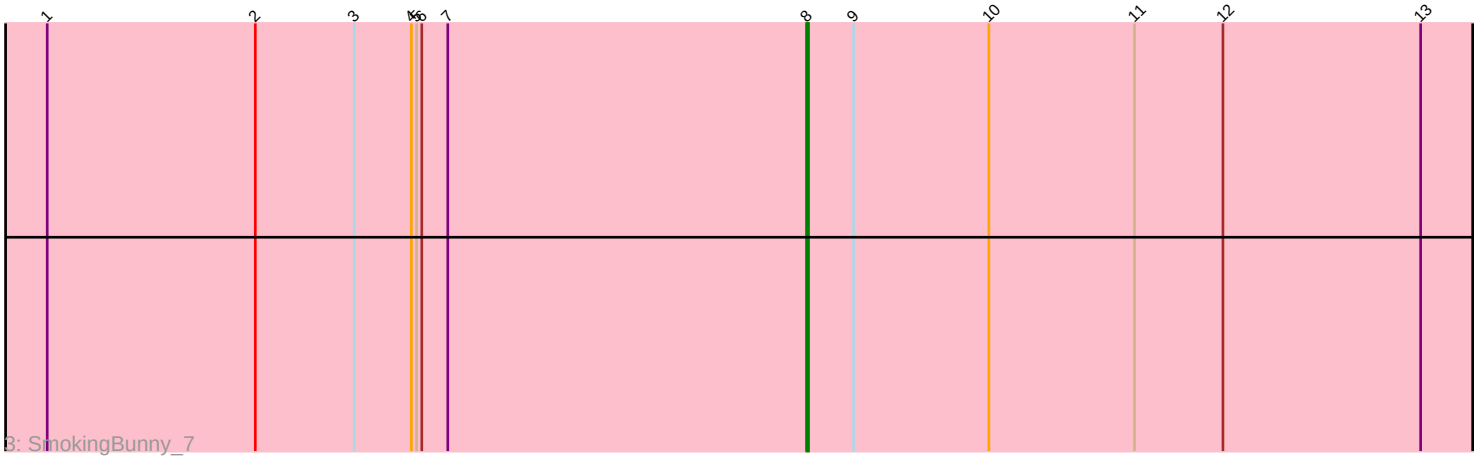
Pham 343038


1
2
3
4
5
6
7
8
9
10
11
12
13
1: Salvador_7 + 1


1
2
3
4
5
6
7
8
9
10
11
12
13
2: Togo_7


1
2
3
4
5
6
7
8
9
10
11
12
13
3: SmokingBunny_7

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 343038 Report

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

Pham number 343038 has 4 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Salvador_7, Evamon_7
• Track 2 : Togo_7
• Track 3 : SmokingBunny_7

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

The start number called the most often in the published annotations is 10, it was called in 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Evamon_7, Salvador_7,

Genes that have the "Most Annotated" start but do not call it:
• SmokingBunny_7, Togo_7,

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

Summary by start number:

Start 8:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 25.0% of time when present
• Phage (with cluster) where this start called: SmokingBunny_7 (DC1),

Start 9:
• Found in 4 of 4 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 25.0% of time when present
• Phage (with cluster) where this start called: Togo_7 (DC1),

Start 10:
• Found in 4 of 4 (100.0%) of genes in pham

• Manual Annotations of this start: 2 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Evamon_7 (DC1), Salvador_7 (DC1),

Summary by clusters:

There is one cluster represented in this pham: DC1

Info for manual annotations of cluster DC1:
•Start number 8 was manually annotated 1 time for cluster DC1.
•Start number 9 was manually annotated 1 time for cluster DC1.
•Start number 10 was manually annotated 2 times for cluster DC1.

Gene Information:

Gene: Evamon_7 Start: 3543, Stop: 3884, Start Num: 10
Candidate Starts for Evamon_7:
(1, 3000), (2, 3120), (3, 3177), (4, 3210), (5, 3213), (6, 3216), (7, 3231), (Start: 8 @3438 has 1 MA's), (Start: 9 @3465 has 1 MA's), (Start: 10 @3543 has 2 MA's), (11, 3627), (12, 3678), (13, 3792),

Gene: Salvador_7 Start: 3541, Stop: 3882, Start Num: 10
Candidate Starts for Salvador_7:
(1, 2998), (2, 3118), (3, 3175), (4, 3208), (5, 3211), (6, 3214), (7, 3229), (Start: 8 @3436 has 1 MA's), (Start: 9 @3463 has 1 MA's), (Start: 10 @3541 has 2 MA's), (11, 3625), (12, 3676), (13, 3790),

Gene: SmokingBunny_7 Start: 3436, Stop: 3882, Start Num: 8
Candidate Starts for SmokingBunny_7:
(1, 2998), (2, 3118), (3, 3175), (4, 3208), (5, 3211), (6, 3214), (7, 3229), (Start: 8 @3436 has 1 MA's), (Start: 9 @3463 has 1 MA's), (Start: 10 @3541 has 2 MA's), (11, 3625), (12, 3676), (13, 3790),

Gene: Togo_7 Start: 3463, Stop: 3882, Start Num: 9
Candidate Starts for Togo_7:
(1, 2998), (2, 3118), (3, 3175), (4, 3208), (5, 3211), (6, 3214), (7, 3229), (Start: 8 @3436 has 1 MA's), (Start: 9 @3463 has 1 MA's), (Start: 10 @3541 has 2 MA's), (11, 3625), (12, 3676), (13, 3790),