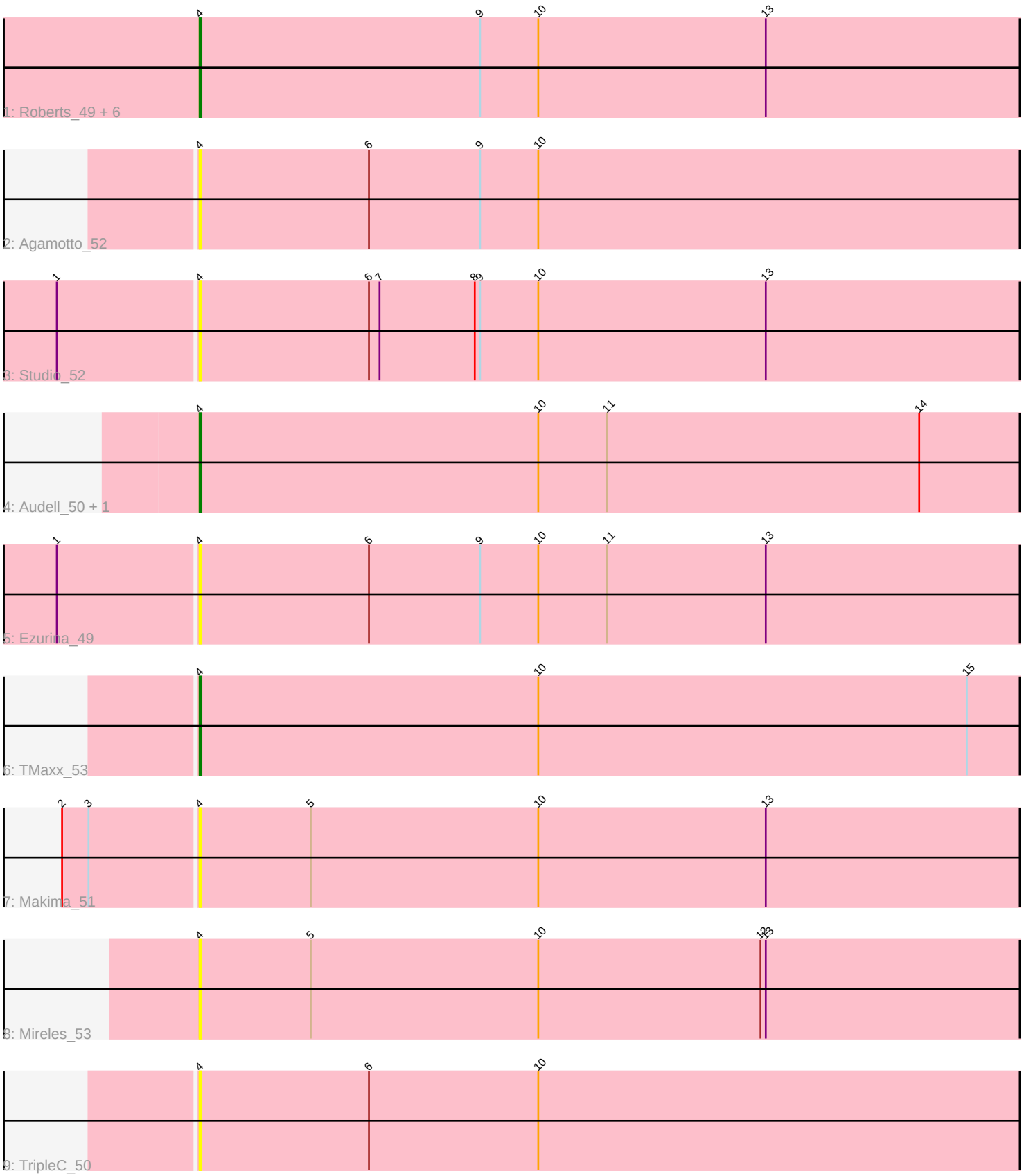
Pham 295179


4
9
10
13
1: Roberts_49 + 6
4
6
9
10
2: Agamotto_52
1
4
6
7
8
9
10
13
3: Studio_52
4
10
11
14
4: Audell_50 + 1
1
4
6
9
10
11
13
5: Ezurina_49
4
10
15
6: TMaxx_53
2
3
4
5
10
13
7: Makima_51
4
5
10
12
13
8: Mireles_53
4
6
10
9: TripleC_50

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 295179 Report

This analysis was run 04/18/26 on database version 643.

Pham number 295179 has 16 members, 13 are drafts.

Phages represented in each track:
• Track 1 : Roberts_49, CardboardBox_50, AnnabelLee_51, ChamoyPickle_51, Neuvillette_49, ChipsNGuac_50, Gerri43_50
• Track 2 : Agamotto_52
• Track 3 : Studio_52
• Track 4 : Audell_50, LastNadiia_50
• Track 5 : Ezurina_49
• Track 6 : TMaxx_53
• Track 7 : Makima_51
• Track 8 : Mireles_53
• Track 9 : TripleC_50

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

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

Genes that call this "Most Annotated" start:
• Agamotto_52, AnnabelLee_51, Audell_50, CardboardBox_50, ChamoyPickle_51, ChipsNGuac_50, Ezurina_49, Gerri43_50, LastNadiia_50, Makima_51, Mireles_53, Neuvillette_49, Roberts_49, Studio_52, TMaxx_53, TripleC_50,

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

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

Summary by start number:

Start 4:
• Found in 16 of 16 (100.0%) of genes in pham
• Manual Annotations of this start: 3 of 3
• Called 100.0% of time when present

• Phage (with cluster) where this start called: Agamotto_52 (FR), AnnabelLee_51 (FR), Audell_50 (FR), CardboardBox_50 (FR), ChamoyPickle_51 (FR), ChipsNGuac_50 (FR), Ezurina_49 (FR), Gerri43_50 (FR), LastNadiia_50 (FR), Makima_51 (FR), Mireles_53 (FR), Neuvillette_49 (FR), Roberts_49 (FR), Studio_52 (FR), TMaxx_53 (FR), TripleC_50 (FR),

Summary by clusters:

There is one cluster represented in this pham: FR

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

Gene Information:

Gene: Agamotto_52 Start: 35339, Stop: 34827, Start Num: 4
Candidate Starts for Agamotto_52:
(Start: 4 @35339 has 3 MA's), (6, 35243), (9, 35180), (10, 35147),

Gene: AnnabelLee_51 Start: 32285, Stop: 31773, Start Num: 4
Candidate Starts for AnnabelLee_51:
(Start: 4 @32285 has 3 MA's), (9, 32126), (10, 32093), (13, 31964),

Gene: Audell_50 Start: 34887, Stop: 34360, Start Num: 4
Candidate Starts for Audell_50:
(Start: 4 @34887 has 3 MA's), (10, 34695), (11, 34656), (14, 34479),

Gene: CardboardBox_50 Start: 32288, Stop: 31776, Start Num: 4
Candidate Starts for CardboardBox_50:
(Start: 4 @32288 has 3 MA's), (9, 32129), (10, 32096), (13, 31967),

Gene: ChamoyPickle_51 Start: 32828, Stop: 32316, Start Num: 4
Candidate Starts for ChamoyPickle_51:
(Start: 4 @32828 has 3 MA's), (9, 32669), (10, 32636), (13, 32507),

Gene: ChipsNGuac_50 Start: 32288, Stop: 31776, Start Num: 4
Candidate Starts for ChipsNGuac_50:
(Start: 4 @32288 has 3 MA's), (9, 32129), (10, 32096), (13, 31967),

Gene: Ezurina_49 Start: 33255, Stop: 32743, Start Num: 4
Candidate Starts for Ezurina_49:
(1, 33333), (Start: 4 @33255 has 3 MA's), (6, 33159), (9, 33096), (10, 33063), (11, 33024), (13, 32934),

Gene: Gerri43_50 Start: 32288, Stop: 31776, Start Num: 4
Candidate Starts for Gerri43_50:
(Start: 4 @32288 has 3 MA's), (9, 32129), (10, 32096), (13, 31967),

Gene: LastNadiia_50 Start: 34509, Stop: 33997, Start Num: 4
Candidate Starts for LastNadiia_50:
(Start: 4 @34509 has 3 MA's), (10, 34317), (11, 34278), (14, 34101),

Gene: Makima_51 Start: 34127, Stop: 33597, Start Num: 4
Candidate Starts for Makima_51:
(2, 34202), (3, 34187), (Start: 4 @34127 has 3 MA's), (5, 34064), (10, 33935), (13, 33806),

Gene: Mireles_53 Start: 33784, Stop: 33254, Start Num: 4
Candidate Starts for Mireles_53:
(Start: 4 @33784 has 3 MA's), (5, 33721), (10, 33592), (12, 33466), (13, 33463),

Gene: Neuvillette_49 Start: 32288, Stop: 31776, Start Num: 4
Candidate Starts for Neuvillette_49:
(Start: 4 @32288 has 3 MA's), (9, 32129), (10, 32096), (13, 31967),

Gene: Roberts_49 Start: 32288, Stop: 31776, Start Num: 4
Candidate Starts for Roberts_49:
(Start: 4 @32288 has 3 MA's), (9, 32129), (10, 32096), (13, 31967),

Gene: Studio_52 Start: 33495, Stop: 32983, Start Num: 4
Candidate Starts for Studio_52:
(1, 33573), (Start: 4 @33495 has 3 MA's), (6, 33399), (7, 33393), (8, 33339), (9, 33336), (10, 33303), (13, 33174),

Gene: TMaxx_53 Start: 33429, Stop: 32917, Start Num: 4
Candidate Starts for TMaxx_53:
(Start: 4 @33429 has 3 MA's), (10, 33237), (15, 32994),

Gene: TripleC_50 Start: 35493, Stop: 34981, Start Num: 4
Candidate Starts for TripleC_50:
(Start: 4 @35493 has 3 MA's), (6, 35397), (10, 35301),