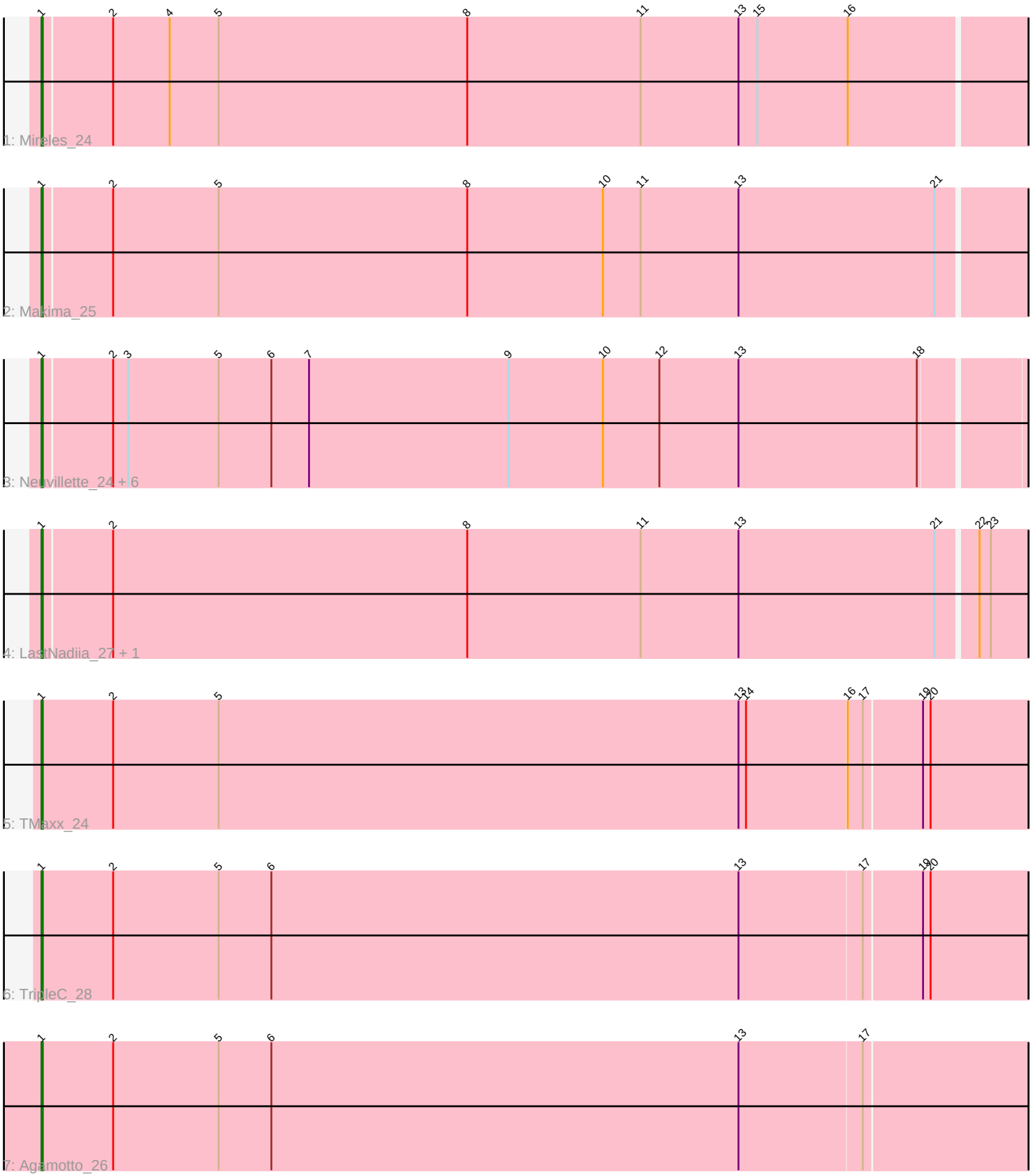
Pham 342697


1
2
4
5
8
11
13
15
16
1: Mireles_24
1
2
5
8
10
11
13
21
2: Makima_25
1
2
3
5
6
7
9
10
12
13
18
3: Neuvillette_24 + 6
1
2
8
11
13
21
22
23
4: LastNadiia_27 + 1
1
2
5
13
14
16
17
19
20
5: TMaxx_24
1
2
5
6
13
17
19
20
6: TripleC_28
1
2
5
6
13
17
7: Agamotto_26

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 342697 Report

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

Pham number 342697 has 14 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Mireles_24
• Track 2 : Makima_25
• Track 3 : Neuvillette_24, AnnabelLee_24, ChipsNGuac_24, Gerri43_24, ChamoyPickle_25, Roberts_24, CardboardBox_25
• Track 4 : LastNadiia_27, Audell_27
• Track 5 : TMaxx_24
• Track 6 : TripleC_28
• Track 7 : Agamotto_26

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

The start number called the most often in the published annotations is 1, it was called in 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Agamotto_26, AnnabelLee_24, Audell_27, CardboardBox_25, ChamoyPickle_25, ChipsNGuac_24, Gerri43_24, LastNadiia_27, Makima_25, Mireles_24, Neuvillette_24, Roberts_24, TMaxx_24, TripleC_28,

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 1:
• Found in 14 of 14 (100.0%) of genes in pham
• Manual Annotations of this start: 11 of 11
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Agamotto_26 (FR), AnnabelLee_24 (FR), Audell_27 (FR), CardboardBox_25 (FR), ChamoyPickle_25 (FR), ChipsNGuac_24 (FR), Gerri43_24 (FR), LastNadiia_27 (FR), Makima_25 (FR),

Mireles_24 (FR), Neuvillette_24 (FR), Roberts_24 (FR), TMaxx_24 (FR), TripleC_28 (FR),

Summary by clusters:

There is one cluster represented in this pham: FR

Info for manual annotations of cluster FR:
•Start number 1 was manually annotated 11 times for cluster FR.

Gene Information:

Gene: Agamotto_26 Start: 19382, Stop: 20188, Start Num: 1
Candidate Starts for Agamotto_26:
(Start: 1 @19382 has 11 MA's), (2, 19439), (5, 19523), (6, 19565), (13, 19937), (17, 20033),

Gene: AnnabelLee_24 Start: 16392, Stop: 17165, Start Num: 1
Candidate Starts for AnnabelLee_24:
(Start: 1 @16392 has 11 MA's), (2, 16446), (3, 16458), (5, 16530), (6, 16572), (7, 16602), (9, 16761), (10, 16836), (12, 16881), (13, 16944), (18, 17085),

Gene: Audell_27 Start: 19686, Stop: 20486, Start Num: 1
Candidate Starts for Audell_27:
(Start: 1 @19686 has 11 MA's), (2, 19740), (8, 20022), (11, 20160), (13, 20238), (21, 20394), (22, 20424), (23, 20433),

Gene: CardboardBox_25 Start: 16392, Stop: 17165, Start Num: 1
Candidate Starts for CardboardBox_25:
(Start: 1 @16392 has 11 MA's), (2, 16446), (3, 16458), (5, 16530), (6, 16572), (7, 16602), (9, 16761), (10, 16836), (12, 16881), (13, 16944), (18, 17085),

Gene: ChamoyPickle_25 Start: 16392, Stop: 17165, Start Num: 1
Candidate Starts for ChamoyPickle_25:
(Start: 1 @16392 has 11 MA's), (2, 16446), (3, 16458), (5, 16530), (6, 16572), (7, 16602), (9, 16761), (10, 16836), (12, 16881), (13, 16944), (18, 17085),

Gene: ChipsNGuac_24 Start: 16392, Stop: 17165, Start Num: 1
Candidate Starts for ChipsNGuac_24:
(Start: 1 @16392 has 11 MA's), (2, 16446), (3, 16458), (5, 16530), (6, 16572), (7, 16602), (9, 16761), (10, 16836), (12, 16881), (13, 16944), (18, 17085),

Gene: Gerri43_24 Start: 16392, Stop: 17165, Start Num: 1
Candidate Starts for Gerri43_24:
(Start: 1 @16392 has 11 MA's), (2, 16446), (3, 16458), (5, 16530), (6, 16572), (7, 16602), (9, 16761), (10, 16836), (12, 16881), (13, 16944), (18, 17085),

Gene: LastNadiia_27 Start: 18638, Stop: 19438, Start Num: 1
Candidate Starts for LastNadiia_27:
(Start: 1 @18638 has 11 MA's), (2, 18692), (8, 18974), (11, 19112), (13, 19190), (21, 19346), (22, 19376), (23, 19385),

Gene: Makima_25 Start: 17721, Stop: 18521, Start Num: 1
Candidate Starts for Makima_25:
(Start: 1 @17721 has 11 MA's), (2, 17775), (5, 17859), (8, 18057), (10, 18165), (11, 18195), (13, 18273), (21, 18429),

Gene: Mireles_24 Start: 16292, Stop: 17092, Start Num: 1
Candidate Starts for Mireles_24:
(Start: 1 @16292 has 11 MA's), (2, 16346), (4, 16391), (5, 16430), (8, 16628), (11, 16766), (13, 16844), (15, 16859), (16, 16931),

Gene: Neuvillette_24 Start: 16392, Stop: 17165, Start Num: 1
Candidate Starts for Neuvillette_24:
(Start: 1 @16392 has 11 MA's), (2, 16446), (3, 16458), (5, 16530), (6, 16572), (7, 16602), (9, 16761), (10, 16836), (12, 16881), (13, 16944), (18, 17085),

Gene: Roberts_24 Start: 16392, Stop: 17165, Start Num: 1
Candidate Starts for Roberts_24:
(Start: 1 @16392 has 11 MA's), (2, 16446), (3, 16458), (5, 16530), (6, 16572), (7, 16602), (9, 16761), (10, 16836), (12, 16881), (13, 16944), (18, 17085),

Gene: TMaxx_24 Start: 16209, Stop: 17015, Start Num: 1
Candidate Starts for TMaxx_24:
(Start: 1 @16209 has 11 MA's), (2, 16266), (5, 16350), (13, 16764), (14, 16770), (16, 16848), (17, 16860), (19, 16905), (20, 16911),

Gene: TripleC_28 Start: 19697, Stop: 20491, Start Num: 1
Candidate Starts for TripleC_28:
(Start: 1 @19697 has 11 MA's), (2, 19754), (5, 19838), (6, 19880), (13, 20252), (17, 20348), (19, 20393), (20, 20399),