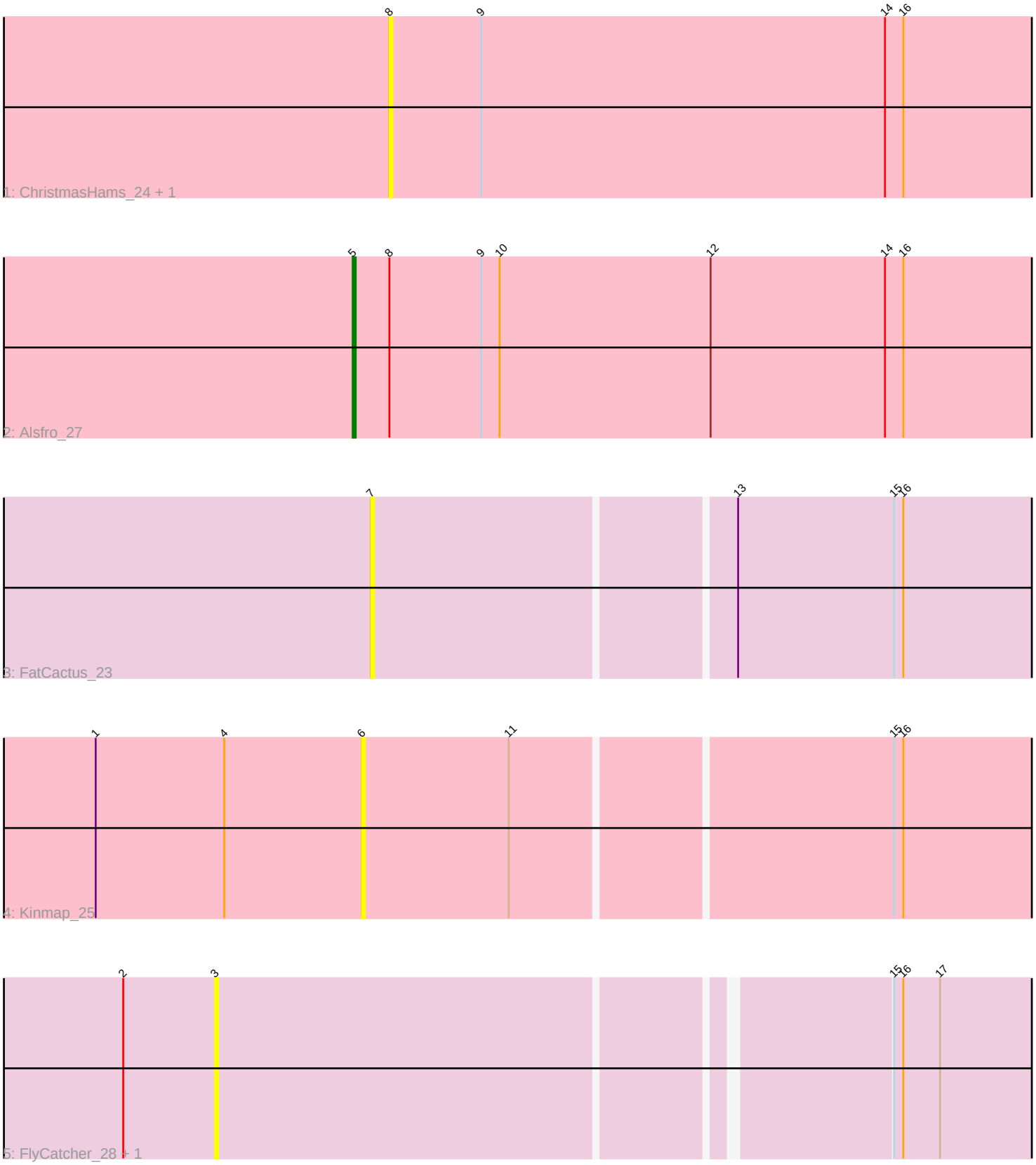
Pham 276901


8
9
14
16
1: ChristmasHams_24 + 1
5
8
9
10
12
14
16
2: Alsfro_27
7
13
15
16
3: FatCactus_23
1
4
6
11
15
16
4: Kinmap_25
2
3
15
16
17
5: FlyCatcher_28 + 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 276901 Report

This analysis was run 02/07/26 on database version 634.

Pham number 276901 has 7 members, 6 are drafts.

Phages represented in each track:
• Track 1 : ChristmasHams_24, Agaliana_24
• Track 2 : Alsfro_27
• Track 3 : FatCactus_23
• Track 4 : Kinmap_25
• Track 5 : FlyCatcher_28, Toro_27

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

The start number called the most often in the published annotations is 5, it was called in 1 of the 1 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alsfro_27,

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

Genes that do not have the "Most Annotated" start:
• Agaliana_24, ChristmasHams_24, FatCactus_23, FlyCatcher_28, Kinmap_25, Toro_27,

Summary by start number:

Start 3:
• Found in 2 of 7 (28.6%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: FlyCatcher_28 (A7), Toro_27 (A7),

Start 5:
• Found in 1 of 7 (14.3%) of genes in pham
• Manual Annotations of this start: 1 of 1
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Alsfro_27 (A1),

Start 6:
• Found in 1 of 7 (14.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Kinmap_25 (A21),

Start 7:
• Found in 1 of 7 (14.3%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: FatCactus_23 (A20),

Start 8:
• Found in 3 of 7 (42.9%) of genes in pham
• No Manual Annotations of this start.
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Agaliana_24 (A1), ChristmasHams_24 (A1),

Summary by clusters:

There are 4 clusters represented in this pham: A1, A21, A20, A7,

Info for manual annotations of cluster A1:
•Start number 5 was manually annotated 1 time for cluster A1.

Gene Information:

Gene: Agaliana_24 Start: 16414, Stop: 16626, Start Num: 8
Candidate Starts for Agaliana_24:
(8, 16414), (9, 16444), (14, 16576), (16, 16582),

Gene: Alsfro_27 Start: 16894, Stop: 17118, Start Num: 5
Candidate Starts for Alsfro_27:
(Start: 5 @16894 has 1 MA's), (8, 16906), (9, 16936), (10, 16942), (12, 17011), (14, 17068), (16, 17074),

Gene: ChristmasHams_24 Start: 16173, Stop: 16385, Start Num: 8
Candidate Starts for ChristmasHams_24:
(8, 16173), (9, 16203), (14, 16335), (16, 16341),

Gene: FatCactus_23 Start: 14466, Stop: 14687, Start Num: 7
Candidate Starts for FatCactus_23:
(7, 14466), (13, 14580), (15, 14631), (16, 14634),

Gene: FlyCatcher_28 Start: 17296, Stop: 17556, Start Num: 3
Candidate Starts for FlyCatcher_28:

(2, 17266), (3, 17296), (15, 17506), (16, 17509), (17, 17521),

Gene: Kinmap_25 Start: 16202, Stop: 16417, Start Num: 6
Candidate Starts for Kinmap_25:
(1, 16115), (4, 16157), (6, 16202), (11, 16250), (15, 16370), (16, 16373),

Gene: Toro_27 Start: 17296, Stop: 17556, Start Num: 3
Candidate Starts for Toro_27:
(2, 17266), (3, 17296), (15, 17506), (16, 17509), (17, 17521),