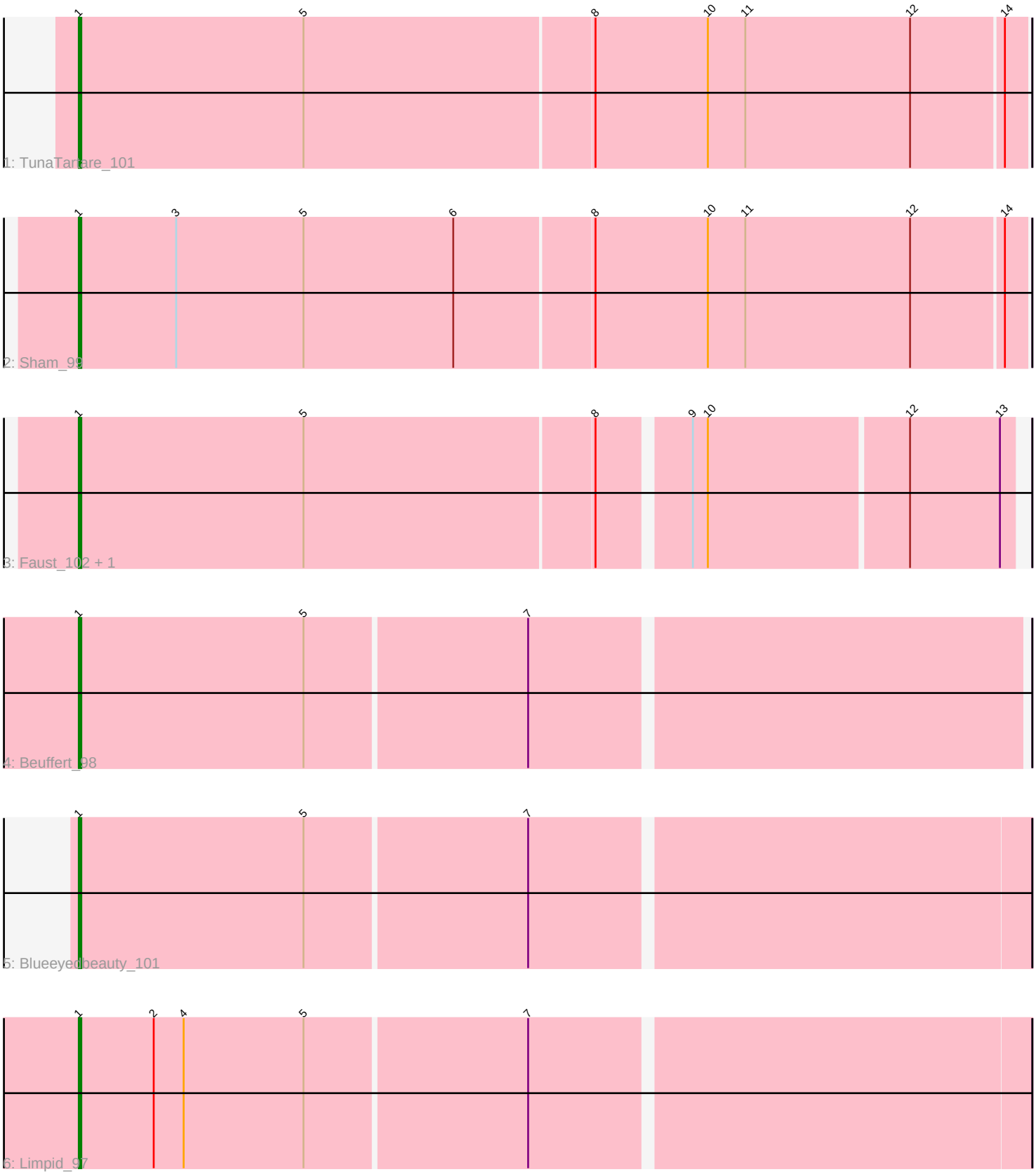
Pham 281264


1
5
8
10
11
12
14
1: TunaTartare_101
1
3
5
6
8
10
11
12
14
2: Sham_99
1
5
8
9
10
12
13
3: Faust_102 + 1
1
5
7
4: Beuffert_98
1
5
7
5: Blueeyedbeauty_101
1
2
4
5
7
6: Limpid_97

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 281264 Report

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

Pham number 281264 has 7 members, 1 are drafts.

Phages represented in each track:
• Track 1 : TunaTartare_101
• Track 2 : Sham_99
• Track 3 : Faust_102, SeresaTree_102
• Track 4 : Beuffert_98
• Track 5 : Blueeyedbeauty_101
• Track 6 : Limpid_97

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 6 of the 6 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beuffert_98, Blueeyedbeauty_101, Faust_102, Limpid_97, SeresaTree_102, Sham_99, TunaTartare_101,

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 7 of 7 (100.0%) of genes in pham
• Manual Annotations of this start: 6 of 6
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beuffert_98 (BK1), Blueeyedbeauty_101 (BK1), Faust_102 (BK1), Limpid_97 (BK1), SeresaTree_102 (BK1), Sham_99 (BK1), TunaTartare_101 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:
•Start number 1 was manually annotated 6 times for cluster BK1.

Gene Information:

Gene: Beuffert_98 Start: 67977, Stop: 68345, Start Num: 1
Candidate Starts for Beuffert_98:
(Start: 1 @67977 has 6 MA's), (5, 68067), (7, 68154),

Gene: Blueeyedbeauty_101 Start: 67379, Stop: 67750, Start Num: 1
Candidate Starts for Blueeyedbeauty_101:
(Start: 1 @67379 has 6 MA's), (5, 67469), (7, 67556),

Gene: Faust_102 Start: 69072, Stop: 69434, Start Num: 1
Candidate Starts for Faust_102:
(Start: 1 @69072 has 6 MA's), (5, 69162), (8, 69276), (9, 69309), (10, 69315), (12, 69393), (13, 69429),

Gene: Limpid_97 Start: 67416, Stop: 67787, Start Num: 1
Candidate Starts for Limpid_97:
(Start: 1 @67416 has 6 MA's), (2, 67446), (4, 67458), (5, 67506), (7, 67593),

Gene: SeresaTree_102 Start: 68454, Stop: 68816, Start Num: 1
Candidate Starts for SeresaTree_102:
(Start: 1 @68454 has 6 MA's), (5, 68544), (8, 68658), (9, 68691), (10, 68697), (12, 68775), (13, 68811),

Gene: Sham_99 Start: 68644, Stop: 69018, Start Num: 1
Candidate Starts for Sham_99:
(Start: 1 @68644 has 6 MA's), (3, 68683), (5, 68734), (6, 68794), (8, 68848), (10, 68893), (11, 68908), (12, 68974), (14, 69010),

Gene: TunaTartare_101 Start: 69807, Stop: 70181, Start Num: 1
Candidate Starts for TunaTartare_101:
(Start: 1 @69807 has 6 MA's), (5, 69897), (8, 70011), (10, 70056), (11, 70071), (12, 70137), (14, 70173),