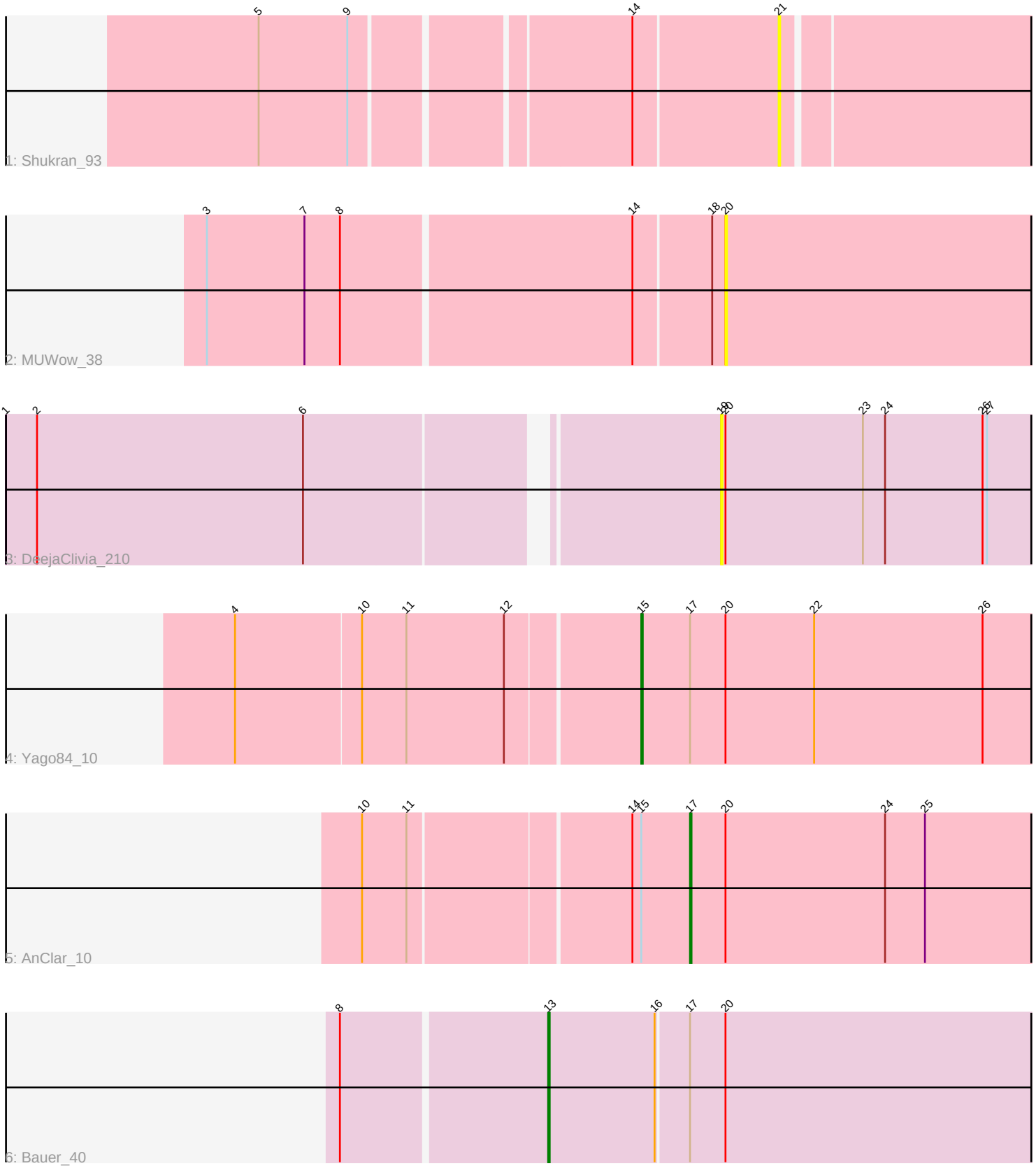
Pham 207687


5
9
14
21
1: Shukran_93
3
7
8
14
18
20
2: MUWow_38
1
2
6
19
20
23
24
26
27
3: DeejaClivia_210
4
10
11
12
15
17
20
22
26
4: Yago84_10
10
11
14
15
17
20
24
25
5: AnClar_10
8
13
16
17
20
6: Bauer_40

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 207687 Report

This analysis was run 02/22/25 on database version 588.

Pham number 207687 has 6 members, 3 are drafts.

Phages represented in each track:
• Track 1 : Shukran_93
• Track 2 : MUWow_38
• Track 3 : DeejaClivia_210
• Track 4 : Yago84_10
• Track 5 : AnClar_10
• Track 6 : Bauer_40

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

The start number called the most often in the published annotations is 17, it was called in 1 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AnClar_10,

Genes that have the "Most Annotated" start but do not call it:
• Bauer_40, Yago84_10,

Genes that do not have the "Most Annotated" start:
• DeejaClivia_210, MUWow_38, Shukran_93,

Summary by start number:

Start 13:
• Found in 1 of 6 (16.7%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bauer_40 (FN),

Start 15:
• Found in 2 of 6 (33.3%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Yago84_10 (DR),

Start 17:
• Found in 3 of 6 (50.0%) of genes in pham
• Manual Annotations of this start: 1 of 3
• Called 33.3% of time when present
• Phage (with cluster) where this start called: AnClar_10 (DR),

Start 19:
• Found in 1 of 6 (16.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: DeejaClivia_210 (C1),

Start 20:
• Found in 5 of 6 (83.3%) of genes in pham
• No Manual Annotations of this start.
• Called 20.0% of time when present
• Phage (with cluster) where this start called: MUWow_38 (AY),

Start 21:
• Found in 1 of 6 (16.7%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Shukran_93 (AY),

Summary by clusters:

There are 4 clusters represented in this pham: AY, C1, DR, FN,

Info for manual annotations of cluster DR:
•Start number 15 was manually annotated 1 time for cluster DR.
•Start number 17 was manually annotated 1 time for cluster DR.

Info for manual annotations of cluster FN:
•Start number 13 was manually annotated 1 time for cluster FN.

Gene Information:

Gene: AnClar_10 Start: 10299, Stop: 10048, Start Num: 17
Candidate Starts for AnClar_10:
(10, 10512), (11, 10482), (14, 10338), (Start: 15 @10332 has 1 MA's), (Start: 17 @10299 has 1 MA's), (20, 10275), (24, 10167), (25, 10140),

Gene: Bauer_40 Start: 28441, Stop: 28097, Start Num: 13
Candidate Starts for Bauer_40:
(8, 28576), (Start: 13 @28441 has 1 MA's), (16, 28369), (Start: 17 @28348 has 1 MA's), (20, 28324),

Gene: DeejaClivia_210 Start: 123669, Stop: 123905, Start Num: 19
Candidate Starts for DeejaClivia_210:

(1, 123210), (2, 123231), (6, 123411), (19, 123669), (20, 123672), (23, 123765), (24, 123780), (26, 123846), (27, 123849),

Gene: MUWow_38 Start: 26492, Stop: 26719, Start Num: 20
Candidate Starts for MUWow_38:
(3, 26150), (7, 26216), (8, 26240), (14, 26432), (18, 26483), (20, 26492),

Gene: Shukran_93 Start: 50664, Stop: 50843, Start Num: 21
Candidate Starts for Shukran_93:
(5, 50334), (9, 50394), (14, 50568), (21, 50664),

Gene: Yago84_10 Start: 9848, Stop: 9564, Start Num: 15
Candidate Starts for Yago84_10:
(4, 10115), (10, 10031), (11, 10001), (12, 9935), (Start: 15 @9848 has 1 MA's), (Start: 17 @9815 has 1 MA's), (20, 9791), (22, 9731), (26, 9617),