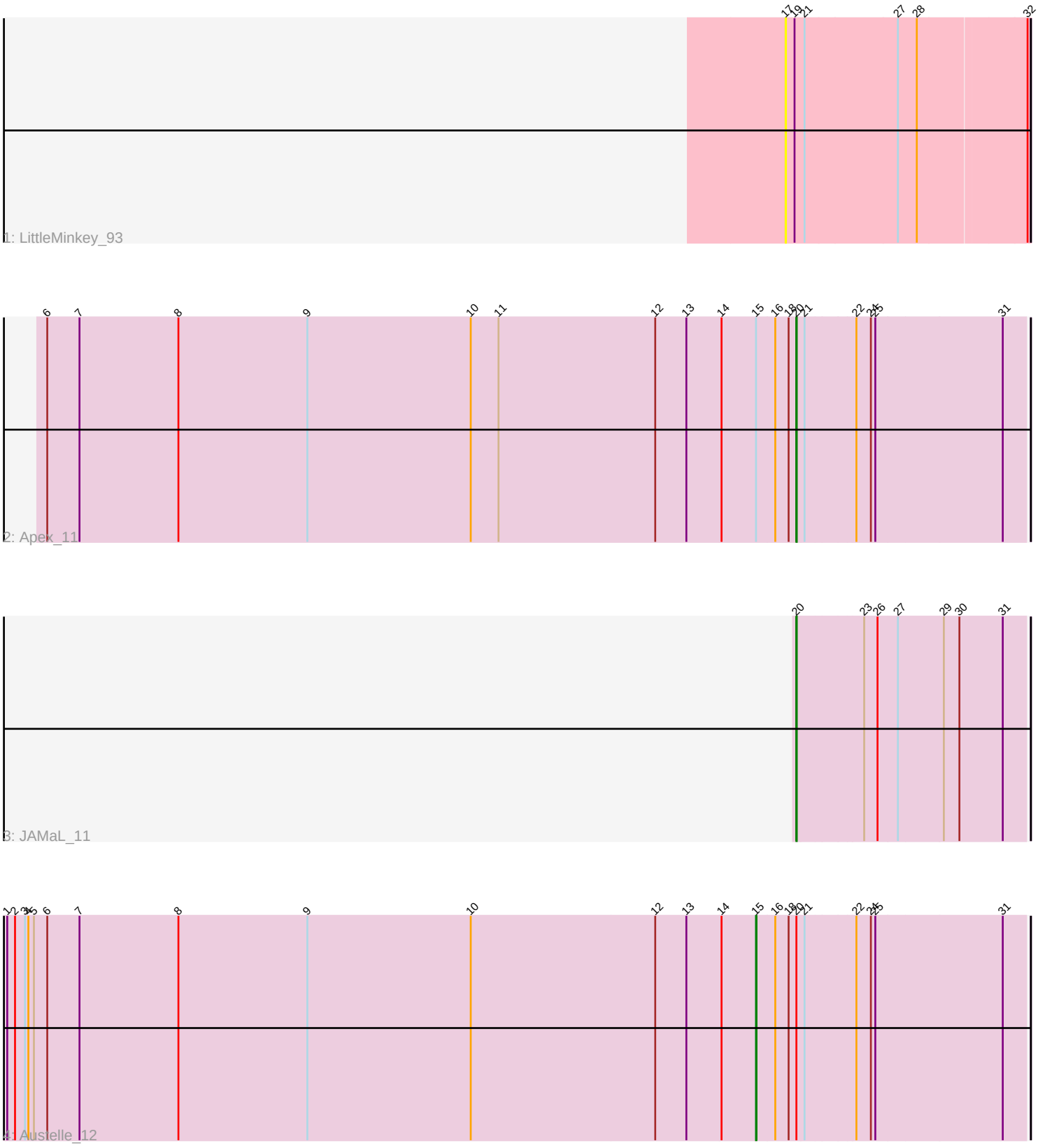
Pham 344855



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 344855 Report

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

Pham number 344855 has 4 members, 1 are drafts.

Phages represented in each track:
• Track 1 : LittleMinkey_93
• Track 2 : Apex_11
• Track 3 : JAMaL_11
• Track 4 : Austelle_12

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

The start number called the most often in the published annotations is 20, it was called in 2 of the 3 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Apex_11, JAMaL_11,

Genes that have the "Most Annotated" start but do not call it:
• Austelle_12,

Genes that do not have the "Most Annotated" start:
• LittleMinkey_93,

Summary by start number:

Start 15:
• Found in 2 of 4 (50.0%) 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: Austelle_12 (B4),

Start 17:
• Found in 1 of 4 (25.0%) of genes in pham
• No Manual Annotations of this start.
• Called 100.0% of time when present
• Phage (with cluster) where this start called: LittleMinkey_93 (B13),

Start 20:

• Found in 3 of 4 (75.0%) of genes in pham
• Manual Annotations of this start: 2 of 3
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Apex_11 (B4), JAMaL_11 (B4),

Summary by clusters:

There are 2 clusters represented in this pham: B4, B13,

Info for manual annotations of cluster B4:
•Start number 15 was manually annotated 1 time for cluster B4.
•Start number 20 was manually annotated 2 times for cluster B4.

Gene Information:

Gene: Apex_11 Start: 11515, Stop: 10910, Start Num: 20
Candidate Starts for Apex_11:
(6, 13534), (7, 13447), (8, 13180), (9, 12832), (10, 12391), (11, 12316), (12, 11893), (13, 11809), (14, 11716), (Start: 15 @11623 has 1 MA's), (16, 11572), (18, 11536), (Start: 20 @11515 has 2 MA's), (21, 11494), (22, 11362), (24, 11323), (25, 11311), (31, 10972),

Gene: Austelle_12 Start: 12079, Stop: 11366, Start Num: 15
Candidate Starts for Austelle_12:
(1, 14095), (2, 14074), (3, 14047), (4, 14038), (5, 14023), (6, 13987), (7, 13900), (8, 13633), (9, 13285), (10, 12844), (12, 12349), (13, 12265), (14, 12172), (Start: 15 @12079 has 1 MA's), (16, 12028), (18, 11992), (Start: 20 @11971 has 2 MA's), (21, 11950), (22, 11818), (24, 11779), (25, 11767), (31, 11428),

Gene: JAMaL_11 Start: 11491, Stop: 10886, Start Num: 20
Candidate Starts for JAMaL_11:
(Start: 20 @11491 has 2 MA's), (23, 11317), (26, 11281), (27, 11227), (29, 11107), (30, 11065), (31, 10948),

Gene: LittleMinkey_93 Start: 65667, Stop: 65026, Start Num: 17
Candidate Starts for LittleMinkey_93:
(17, 65667), (19, 65643), (21, 65616), (27, 65367), (28, 65316), (32, 65034),