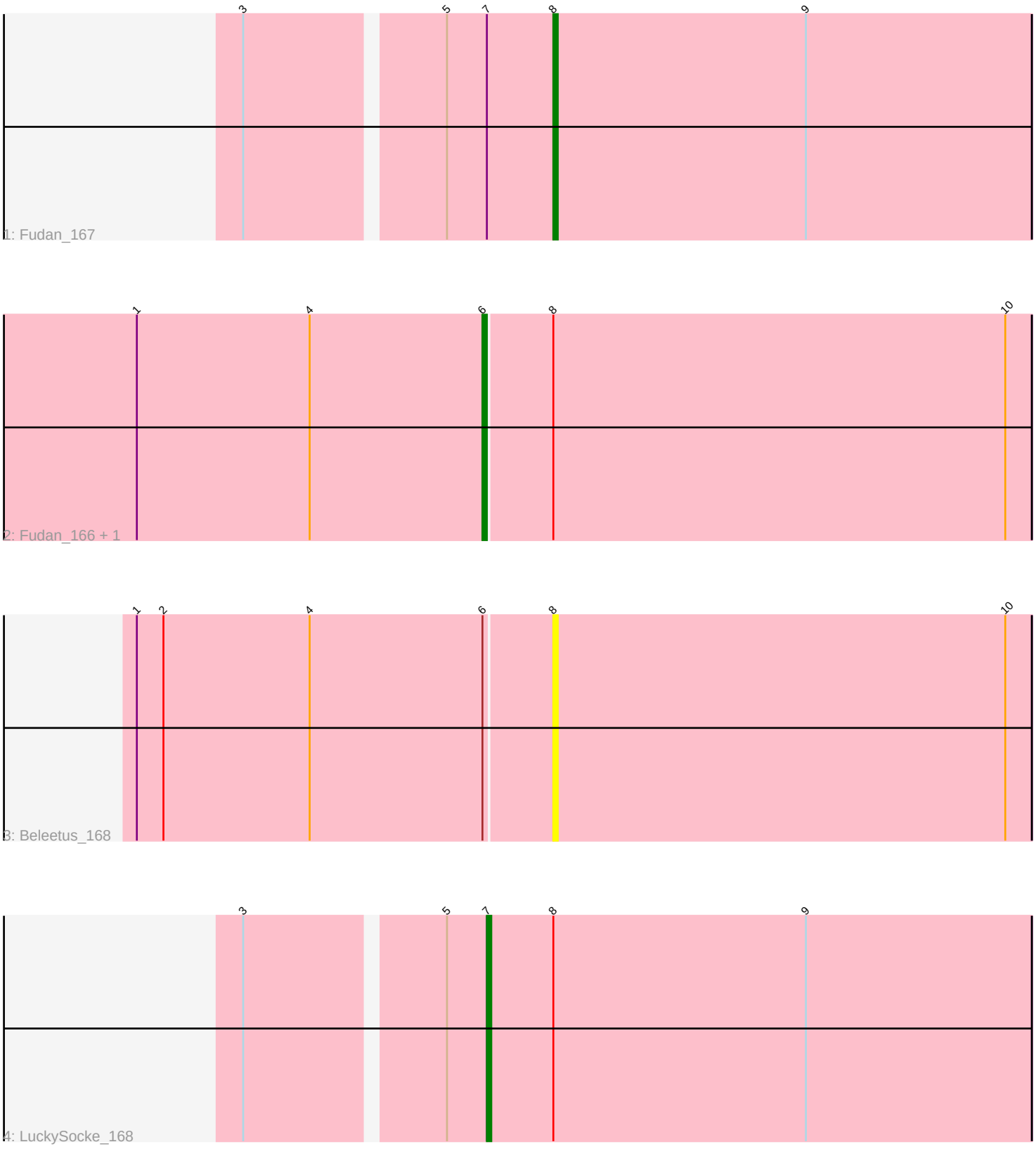
Pham 346596


3
5
7
8
9
1: Fudan_167
1
4
6
8
10
2: Fudan_166 + 1
1
2
4
6
8
10
3: Beleetus_168
3
5
7
8
9
4: LuckySocke_168

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 346596 Report

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

Pham number 346596 has 5 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Fudan_167
• Track 2 : Fudan_166, Alone3_170
• Track 3 : Beleetus_168
• Track 4 : LuckySocke_168

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

The start number called the most often in the published annotations is 6, it was called in 2 of the 4 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Alone3_170, Fudan_166,

Genes that have the "Most Annotated" start but do not call it:
• Beleetus_168,

Genes that do not have the "Most Annotated" start:
• Fudan_167, LuckySocke_168,

Summary by start number:

Start 6:
• Found in 3 of 5 (60.0%) of genes in pham
• Manual Annotations of this start: 2 of 4
• Called 66.7% of time when present
• Phage (with cluster) where this start called: Alone3_170 (BS), Fudan_166 (BS),

Start 7:
• Found in 2 of 5 (40.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 50.0% of time when present
• Phage (with cluster) where this start called: LuckySocke_168 (BS),

Start 8:

• Found in 5 of 5 (100.0%) of genes in pham
• Manual Annotations of this start: 1 of 4
• Called 40.0% of time when present
• Phage (with cluster) where this start called: Beleetus_168 (BS), Fudan_167 (BS),

Summary by clusters:

There is one cluster represented in this pham: BS

Info for manual annotations of cluster BS:
•Start number 6 was manually annotated 2 times for cluster BS.
•Start number 7 was manually annotated 1 time for cluster BS.
•Start number 8 was manually annotated 1 time for cluster BS.

Gene Information:

Gene: Alone3_170 Start: 89175, Stop: 89297, Start Num: 6
Candidate Starts for Alone3_170:
(1, 89097), (4, 89136), (Start: 6 @89175 has 2 MA's), (Start: 8 @89190 has 1 MA's), (10, 89292),

Gene: Beleetus_168 Start: 87662, Stop: 87769, Start Num: 8
Candidate Starts for Beleetus_168:
(1, 87569), (2, 87575), (4, 87608), (Start: 6 @87647 has 2 MA's), (Start: 8 @87662 has 1 MA's), (10, 87764),

Gene: Fudan_167 Start: 87850, Stop: 87957, Start Num: 8
Candidate Starts for Fudan_167:
(3, 87784), (5, 87826), (Start: 7 @87835 has 1 MA's), (Start: 8 @87850 has 1 MA's), (9, 87907),

Gene: Fudan_166 Start: 87731, Stop: 87853, Start Num: 6
Candidate Starts for Fudan_166:
(1, 87653), (4, 87692), (Start: 6 @87731 has 2 MA's), (Start: 8 @87746 has 1 MA's), (10, 87848),

Gene: LuckySocke_168 Start: 87784, Stop: 87906, Start Num: 7
Candidate Starts for LuckySocke_168:
(3, 87733), (5, 87775), (Start: 7 @87784 has 1 MA's), (Start: 8 @87799 has 1 MA's), (9, 87856),