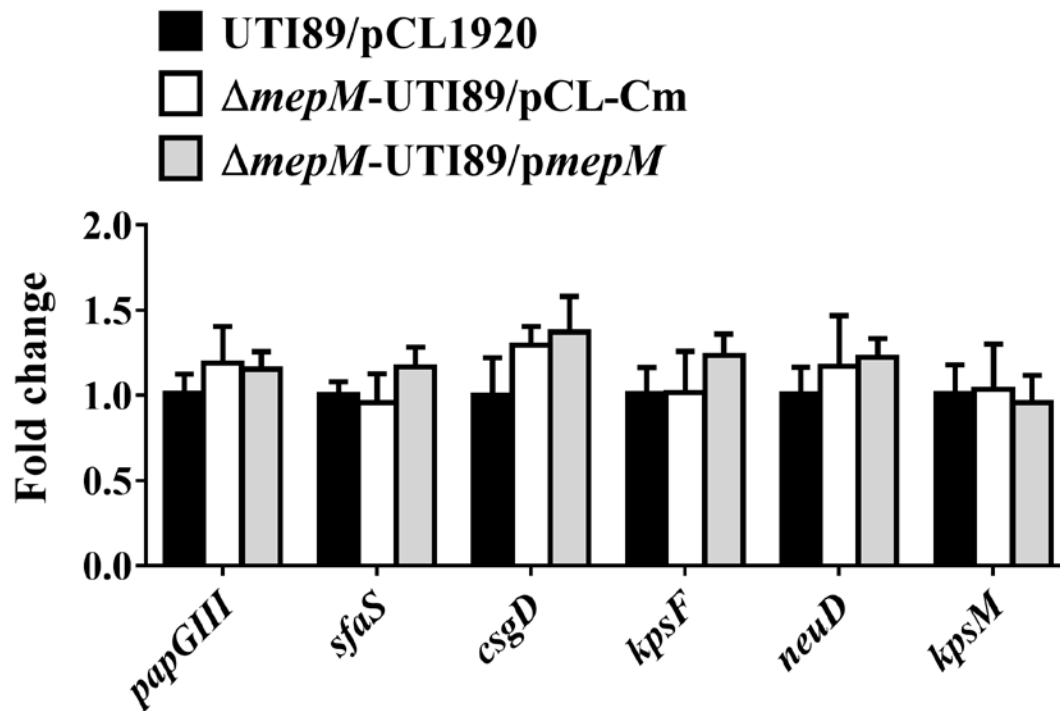


Fig. S1 The transcriptional levels of fimbriae- and K1 capsule-associated genes.



Impact of *mepM* deletion on the transcriptional levels of fimbriae- and K1 capsule-associated genes. The levels of genes *papGIII*, *sfaS*, and *csgD* reflected the transcript levels of the P fimbriae, S fimbriae, and curli fimbriae, respectively. The levels of genes *kpsF*, *neuD*, and *kpsM* represented the transcript levels of K1 capsule. The transcript levels of genes were determined by real-time PCR (qPCR). The transcript levels of the genes in each strain, which were normalized to those of the housekeeping gene *ftsZ*, were presented as the relative levels compared to those of UTI89/pCL1920. The results were derived from experiments in triplicate and are shown as the means $\pm$ standard deviations.

Primers used in real-time PCR analysis in Fig. S1.

Primers	Sequence (5'→3')
<i>ftsZ</i> -RT-F	CAATGGAACCTTACCAATGAC
<i>ftsZ</i> -RT-R	TGTTTTACGCAGCGCTTGTG
<i>papGIII</i> -RT-F	GGCCTGCAATGGATTACCTGG
<i>papGIII</i> -RT-R	CCACCAAATGACCATGCCAGAC
<i>sfaS</i> -RT-F	GGATGTTTCTTTGGGTAATCTG
<i>sfaS</i> -RT-R	CATTCCCTGTATTCGCATAG
<i>csgD</i> -RT-F	ATAACGAGATCGCTCGTTTCG
<i>csgD</i> -RT-R	TGAGGTTATCGTTTGCCCAG
<i>kpsF</i> -RT-F	ATGTCGGTCGTAAAATGTC
<i>kpsF</i> -RT-R	GAAC TAGCTTGAGGATTTCA
<i>neuD</i> -RT-F	GGTGCGGGTGGTTTTTCAAA
<i>neuD</i> -RT-R	ATGGTTTGCCTATCCCAATA
<i>kpsM</i> -RT-F	ACCGCACTATGCCAGACATC
<i>kpsM</i> -RT-R	GATCGTATCGATGGGTTTTA