TABLE S1 Sequence, primer orientation and melting temperature of *ompC* and *ompF* primers

Gene Target	Primer orientation	Sequence	Tm (°C)
ompC	Forward	5'-GCAGGCCCTTTGTTCGATATCAATC-3'	58.2
ompC	Reverse	5'-ATCAGTATGCAGTGGCATAAAAAAGC-3'	56.3
ompF	Forward	5'-CGGCATTTAACAAAGAGGTGTGC-3'	57.1
ompF	Reverse	5'-ACGGCAGTGGCAGGTGTC-3'	61.0

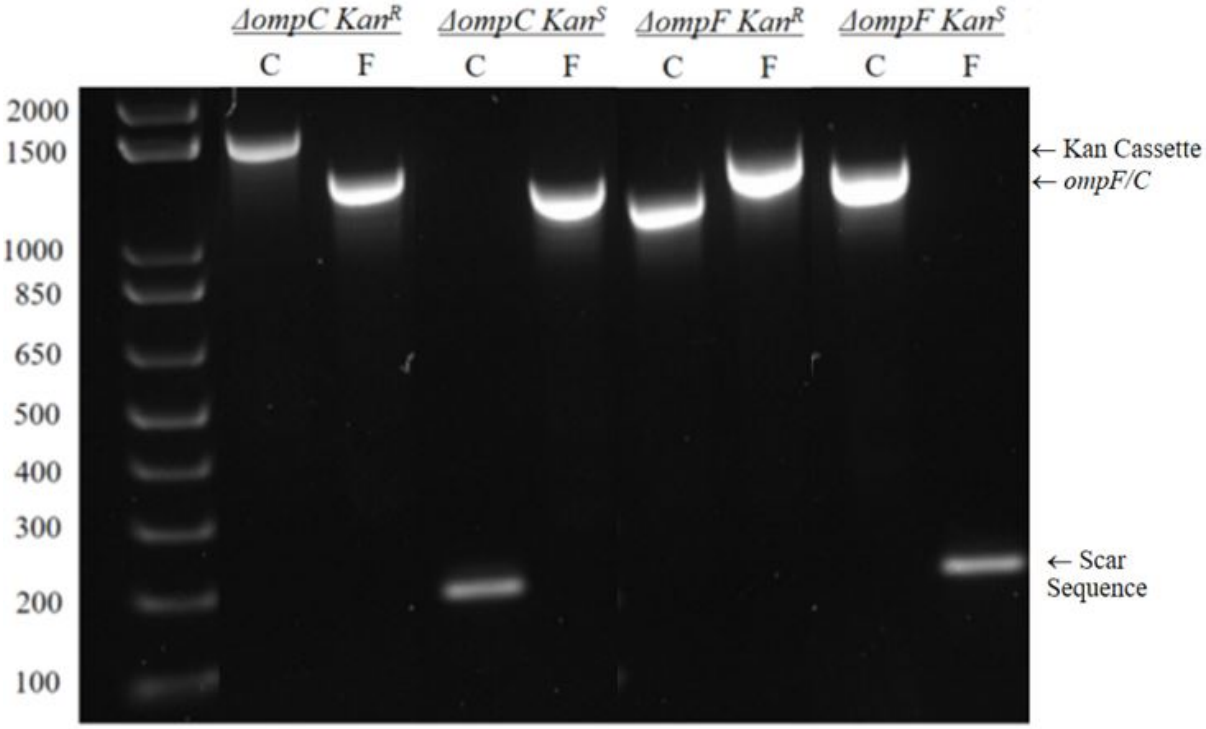

FIGURE S1 *ompC* and *ompF* deletions in *E. coli* strain K12 single gene deletion mutants were confirmed by colony PCR analysis. PCR amplification was done using primers flanking *ompC* and *ompF* as indicated by 'C' and 'F', respectively. PCR products were resolved by gel electrophoresis at 100 V using 1.5% agarose gel. Colony PCR of *ompC* and *ompF* deletion mutants before and after removal of kanamycin cassette using the appropriate primers to confirm gene deletion. Mutants were amplified using both sets of primers in order to confirm gene deletion and to show presence of wild type gene. A no template (negative) control was included along with a pUC19 positive PCR control.