

Supplement Table 2 List of primers used in this study.

Organism or gene target	Genes	Primer sequence (5'→3')	Product size (bp)	PCR conditions	Ref.
Prokaryote bacteria	16S rRNA (V3-V4)	Pro341F- CCTACGGGNGGC WGCAG Pro802R- TACNVGGGTATC TAATCC	459	94°C 5 mins, 94°C 40 sec, 52.8°C 30 sec, 72°C 2 mins, 35 cycles, 72°C 10 mins	(49)
<i>E. coli</i>	<i>uidA</i> gene	F5'- TGGTAATTACCGACGA AAACGGC-3' R5'- ACGCGTGGTTACAGTCT TGCG-3'	147	7 min at 95 °C, 35 cycles of 30 s at 95 °C, 30 s at 55 °C, 30 s at 72 °C, 7 min at 72 °C	(50)
<i>colibactinB</i>	<i>clbB</i> gene, a part of the <i>pks</i> island	F5'- GCGCATCCTCAAGAGT AAATA-3' R- 5'GCGCTCTATGCTCATC AACC-3'	283	7 min at 95 °C, 35 cycles of 30 s at 95 °C, 30 s at 55 °C, 30 s at 72 °C, 7 min at 72 °C	(25)