

Supplementary Table S1. Primers used in this study

Bacteria	Primer	Sequence (5'-3')	Size	Reference
<i>E. coli</i>	16S F	GTTAATACCTTTGCTCATTGA	340	[45]
	16S R	ACCAGGGTATCTAATCCTGTT		
	ChuA-F	GACGAACCAACGGTCAGGAT	279	
	ChuA-R	TGCCGCCAGTACCAAAGACA		
	YjaA-F	TGAAGTGTGAGGAGACGCTG	211	[46]
	YjaA-R	ATGGAGAATGCGTTCCTCAAC		
	TspE4C2.1-F	GAGTAATGTCGGGGCATTCA	152	
	TspE4C2.1-R	CGCGCCAACAAAGTATTACG		
	clbB-F	GCGCATCCTCAAGAGTAAATA	280	[25]
	clbB-R	GCGCTCTATGCTCATCAACC		
	CNF-1s	GGGGGAAGTACAGAAGAATTA	1112	[27]
	CNF-1as	TTGCCGTCCACTCTCACCAGT		
	CDT-s1	GAAAGTAAATGGAATATAAATGTCCG	555	[47]
	CDT-IIIasa	TTTGTGTGCGGTGCAGCAGGGAAAA		
	cif-int-s	AACAGATGGCAACAGACTGG	383	[13]
	cif-int-as	AGTCAATGCTTTATGCGTCAT		
<i>E. coli</i> -EPEC	eae-F	TCAATGCAGTTCCGTTATCAGTT	482	
	eae-R	GTA AAGTCCGTTACCCCAACCTG		
	bfp-F	GGA AGTCAAATTCATGGGGGTAT	300	[48]
	bfp-R	GGAATCAGACGCAGACTGGTAGT		
<i>E. coli</i> -DAEC	daaE -F	GAACGT TGGTTAATGTGGGGTAA	542	[48]
	daaE -R	TATTCACCGGTCGGTTATCAGT		
<i>Klebsiella</i>	16S F	ACTCCTACGGGAGGCAGCAGT	383	
	16S R	TATTACCGCGGCTGCTGGC		
	clbB-F	GCGCATCCTCAAGAGTAAATA	280	[49]
	clbB-R	GCGCTCTATGCTCATCAACC		
<i>Enterococcus faecalis</i>	16S F	CCCTTATTGTTAGTTGCCATCATT	144	[50]
	16S R	ACTCGTTGTA CT TCCCATTGT		

References

45. Malinen, E.; Kassinen, A.; Rinttilä, T.; Palva, A. Comparison of real-time PCR with SYBR Green I or 5'-nuclease assays and dot-blot hybridization with rDNA-targeted oligonucleotide probes in quantification of selected faecal bacteria. *Microbiology (Reading)* **2003**, *149*, 269–277, doi:10.1099/mic.0.25975-0.
46. Clermont, O.; Bonacorsi, S.; Bingen, E. Rapid and simple determination of the *Escherichia coli* phylogenetic group. *Appl Environ Microbiol* **2000**, *66*, 4555–4558, doi:10.1128/aem.66.10.4555-4558.2000.
47. Toth, I.; Nougayrede, J.P.; Dobrindt, U.; Ledger, T.N.; Boury, M.; Morabito, S.; Fujiwara, T.; Sugai, M.; Hacker, J.; Oswald, E. Cytolethal distending toxin type I and type IV genes are framed with lambdoid prophage genes in extraintestinal pathogenic *Escherichia coli*. *Infect Immun* **2009**, *77*, 492–500, doi:10.1128/IAI.00962-08.
48. Vidal, M.; Kruger, E.; Duran, C.; Lagos, R.; Levine, M.; Prado, V.; Toro, C.; Vidal, R. Single multiplex PCR assay to identify simultaneously the six categories of diarrheagenic *Escherichia coli* associated with enteric infections. *J Clin Microbiol* **2005**, *43*, 5362–5365, doi:10.1128/JCM.43.10.5362-5365.2005.
49. Brisse, S.; Verhoef, J. Phylogenetic diversity of *Klebsiella pneumoniae* and *Klebsiella oxytoca* clinical isolates revealed by randomly amplified polymorphic DNA, *gyrA* and *parC* genes sequencing and automated ribotyping. *Int J Syst Evol Microbiol* **2001**, *51*, 915–924, doi:10.1099/00207713-51-3-915.
50. Rinttilä, T.; Kassinen, A.; Malinen, E.; Krogus, L.; Palva, A. Development of an extensive set of 16S rDNA-targeted primers for quantification of pathogenic and indigenous bacteria in faecal samples by real-time PCR. *J Appl Microbiol* **2004**, *97*, 1166–1177, doi:10.1111/j.1365-2672.2004.02409.x.