Supplementary Table S1. Primers used in this study

Characteristic	Primer Name	Product	Sequence 5′ to 3′	Size product	Tm °C	Ref
Virulence	fimHF	*fimH*[a]	TTATGGCGGCGTGTTATC			
	fimHR		TCCCTACTGCTCCTAACG	545 bp		
	sfaD/focCF	*sfaD/focC*[a]	AGGCAAATGGACAGGTATGG			
	sfaD/focCR		TCACCCAGAACAAACTTTCC	412 bp	54	
	papG-IIF	*papG-II*[a]	ATTCACCATAGAGGCGACTG			
	papG-IIR		ATCATTATGCGGCTCAGAC	237 bp		
	papCF	*papC*[a]	TTCTCTCTCCCTCAATACGG			
	papCR		TTATAACCTCAACGGGACGG	925 bp		
	fliCDF	*fliCD*[a]	CCGAATCAGAGTTAGTTCCG			
	fliCDR		CCCAGCGATGAAATACTTGC	610 bp	60	1
	satF	*sat*[a]	GTTGGCAAACAGGTCAAAC			
	satR		CTCGGAGTATTGGCTTCAG	809 bp		
	hlyAF	*hlyA*[a]	GATACGCTGATAGGTGAG			
	hlyAR		CCAGGTGTGACTCAATAC	564 bp	58	
	kpsMF	*kpsM*[a]	CCAGAGTAGATATGACCAG			
	kpsMR		CTACGAGAAATACGAACAC	409 bp		
	agn43F	*agn43*[a]	CACACAGCCACTAATACC			
	agn43R		CACCTGAATACCCTTACC	488 bp		
	vatF	*vat*[a]	ATACAGTCTCGTCTCTGG		58	
	vatR		GTGACAGTCCCTTTATCC	670 bp		
	cnf-1F	*cnf-1*[c]	CAGACTCATCTTCACTCG			

	cnf-1R		AGACAGAGACCTTACGAC	551 bp		
	traTF	*traT* [c]	TGGTATAGTTCACATCTTCC			
	traTR		TAAAGCCTACTACTGGATTC	233 bp		
	fyuAF	*fyuA* [b]	CGCCAGTAAACAATCTTCCC			
	fyuAR		CCCAAACACCATATCAACGG	937 bp		
	iucDF	*iucD* [b]	CGTGAGACCCAGTTTATTTCC			
	iucDR		GGGCTGCTGAAGATATGAATAACC	334 bp		1
	iutAF	*iutA* [b]	GTTCACGCTCTTTGTCAGG			
	iutAR		GGGCTTAATCTCGGGAAAGG	801 bp	60	
	ihaF	*iha* [b]	TGTGCTCTGGTTTGATATGG			
	ihaR		CATTCTGGGTGCCTTATATCC	594 bp		
	feoBF	*feoB* [b]	GTCTAACCTTGAGCGTAACC			
	feoBR		GGCGAGGAAGATAGTCAGC	736 bp		
Identification	ybbWF	*ybbW*	TGATTGGCAAAATCTGGCCG			2,3
	ybbWR		ATACTGGCAATCAGTACGCC	667 bp		
MBL	NDM-F	bla_{NDM}	TGCATTGATGCTGAGCGGGTG	685 bp	55	4
	NDM-R		ATCACGATCATGCTGGCCTTG			
ESBL	SHV-F	bla_{SHV}	AGGATTGACTGCCTTTTTG	392 bp	50	5
	SHV-R		ATTTGCTGATTTCGCTCG			
	TEM-F	bla_{TEM}	CATTTCCGTGTCGCCCTTATTC	799 bp	55	6
	TEM-R		CGTTCATCCATAGTTGCCTGAC			
	CTX-M-F	$bla_{CTX\text{-}M}$ group IV	GCTGGAGAAAAGCAGCGGAG	474 bp	55	7
	CTX-M-R		GTAAGCTGACGCAACGTCTG			

a: *E. coli* CFT073; **b***: E. coli* ATCC 25922; **c:** UPEC 39

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