

Table S1. Primers used in

Allsopp, L. P., C. Beloin, G. C. Ulett, J. Valle, M. Totsika, O. Sherlock, J. M. Ghigo, and M. A. Schembri. 2011. Molecular Characterisation of UpaB and UpaC - two new Autotransporter Proteins of Uropathogenic *Escherichia coli* CFT073. *Infect Immun.*

Target gene	Primer name	Sequence
<i>upaB</i>	c0426.s-5	GGAAAGGCAAAGTTTCAGGG
	c0426.s-3	GGTGGTATGTTTCTGTTTAC
	c0426.500-5	GTTGTGCGTTCGCGCCCTTTTTTC
	c0426.500-3	CCGCTTCAGCAGTTGGTAAATC
	c0426.zeo.L-3	GTCAACACGTGCTCGGATCCAGCATTTCCTTCCACTTATTTATATTT
	c0426.zeo.L-5	CACTTCGTGGCCGAGGAGCAGGACTGAGAATAAAGCAGTCGGTTCCTCC
	c0426.ext-3	CTGGTGAGCTTATAGTGACACAG
	c0426.ext-5	CTTTTCTGTCCCTCAGGAATTG
	c0426.xBAD.500-5	ATGTGGTTCGGATTTTATCGGG
	c0426.xBAD.500-3	GAGCGTTAAATTTATTTCCCGTGG
	c0426.xBAD.L-3	GAATCCCTGCTTCGTCCATTTGACAGCCTGCGTCCCTGCATTTACC
	c0426.xBAD.L-5	GTTTCTCCATACCCGTTTTTTTTGGTATCTCTGCATAAATATAAATAAGTGG GAAATTG
	c0426.PcL.L-3	GTGAGAATTACTAACTTGAGCGAAAGCCTGCGTCCCTGCATTTACC
	c0426.PcL.L-5	CGGTGATAATGGTTGCATGTACTATATCTCTGCATAAATATAAATAAGTG GGAAAT
	c0426.xBAD.ext-5	CTTTTCTGTCCCTCAGGAATTG
	c0426.xBAD.ext-3	CGTAGAGCCGTTGCTGTAATC
	upaB-lacZzeo-Long-5	ATAAATATAAATAAGTGGGAAATTGAAATTAGTTACCAGAATGACCATG ATTACGGATTCACTG
	upaB-lacZzeo-Long-3	GGGGGTATAACAGTCGACAGGGGAACCGACTGCTTTATTCTCAGTCCTGC TCCTCGGCCACGAA
	upaB.ext-5	ATGTGGTTCGGATTTTATCGG
	upaB.ext-3	TCATCGAGAACTTGCTGC
	lacZATG+100-3	GGGGGATGTGCTGCAAGGCGATTAAG
	zeo.verif-5NEW	ACGAACTTCCGGGACGCCTCCG
	<i>upaC</i>	c0478.s-5
c0478.s-3		GTTACATCCAGTACACCAC
c0478.500-5		GCGCGCAGCGCAGGAGATTTGC
c0478.500-3		ATACGTGATCGCAATTCTTCATTCC
c0478.GB.L-5		TGCTCGATGAGTTTTTCTAATATTCTTCACTCCGAAGAA
c0478.GB.L-3		GATTTTGAGACACAACGTGGCTTTCATTTGTCATCCCTCCTCAGGGAC
c0478.ext-5		CGGCAACACCAGGTCGTTAAGG
c0478.ext-3		CTAAGCGGGAATAAACCCTTGG
C0478.xBAD.500-5		GCGCGCAGCGCAGGAGATTTGC
c0478.xBAD.500-3		TCACCATCGTACCAATTGTAGTC
c0478.xBAD.L-5		GTTTCTCCATACCCGTTTTTTTTGGTTACGTCCTGAGGAGGGATGACAAAT G
c0478.xBAD.L-3		GAATCCCTGCTTCGTCCATTTGACAAGTTGATCCATCAATTATCAATG
c0478.PcL.L-3		GTGAGAATTACTAACTTGAGCGAAAAGTTGATCCATCAATTATCAAT
c0478.PcL.L-5		CGGTGATAATGGTTGCATGTACTATTACGTCCTGAGGAGGGATGACAAA TG
c0478.xBAD.ext-5		CGGCAACACCAGGTCGTTAAGG
c0478.xBAD.ext-3		TAGAAATTATAGCCATTATAGG
upaC-lacZzeo-Long-5		TGATGGATCAACTTATTACGTCCTGAGGAGGGATGACAAATGACCATG ATTACGGATTCACTG
upaC-lacZzeo-Long-3		TATTTAGATTAATACCTATTTCTTCGGAGTGAAGAATATCAGTCCTGCT CCTCGGCCACGAA
upaC.ext-5		GCAACACCAGGTCGTTAAGG
upaC.ext-3		GAAGGCAAACGGTTGATAGCG
upaC.pro.ext-5+250		GTTTTATATTTTCATGGTCTATG
upaC.pro.ext-3-1ATG		TTGTCATCCCTCCTCAGGGACG

c0421	c0421.ext-5	TATATCCGCCGCCCAAATACC
	c0421.ext-3	GCGATCAGATTTTTTCATCCCTG
c1699	c1699.ext-5	ACAAGGGGAAATCCGTAAACCC
	c1699.ext-3	GATTGATAACGAAGGAAATATC
c2091	c2091.ext-5	GTCGCCGGAACTTCACCAAAG
	c2091.ext-3	CCACTTACACGCGTAAAAACGG
c1701	c1701.ext-5	ATATACGACAGTGCGCATGCC
	c1701.ext-3	TGAAGTGCAGTCTATTTGTCCG
c2411	c2411.ext-5	TATGTAAATACAGTTAAAGAAC
	c2411.ext-3	CAAAACACTTGAACAGCTTTTG
c3218	c3218.ext-5	GACGCAAGCGTGACTGCGGTGA
	c3218.ext-3	CCATTATCGCCACCCTGAAA
c3244	c3244.ext-5	CTGGAACCGGGTGATCCTCGAAG
	c3244.ext-3	AGCAACAATGCTGGGGAAAAATGC
c3744	c3744.ext-5	TTTTGGCATCAACCGGTTTGG
	c3744.ext-3	GGAGTACAATAGGCAGATAAAGG
c4864	c4864.ext-5	ACTACTCAATAGCTTCAACG
	c4864.ext-3	GCTTACGCGCCGGTTTTGCC
c5054	c5054.ext-5	GATGTCGACAAAATGACGCCG
	c5054.ext-3	CTGAGAGTTTAATTTTCGTCAAG
pSC189	IR2.60-5	TTCTGAGCGGGACTCTGGGGTACG
	IR1.60-3	CGATATCATGATCTTTATAATCACC