Table S2. Overview of the primers used as well as their sequences and reference data.

No.	Primer FW/ RW	Target Gen	Sequence (Direction 5`-3`)	Sources
1	*adk*F	Adenylate kinase	ATTCTGCTTGGCGCTCCGGG	http://mlst.warwick.ac.uk/mlst/
	*adk*R		CCGTCAACTTTCGCGTATTT	
2	AMPC FW	Chromosomal encoded *amp*C	GATCGTTCTGCCGCTGTG	Corvec et al. 2007
	AMPC RV		GGGCAGCAAATGTGGAGCAA	
3	*bla*CTX-MU FW	Conserved *bla*CTX-M region	ATGTGCAGYACCAGTAARGT	Pagani et al. 2003
	*bla*CTX-MU RV		TGGGTRAARTARGTSACCAGA	
4	Com1	16s-rRNA-Genes	CAGCAGCCGCGGTAATAC	Schwieger et al. 1998
	R789		ATCCTGTTTGMTMCCCVCRC	Dorn-In et al. 2015
5	ERIC 1 FW	ERIC	ATGTAAGCTCCTGGGGATTCAC	Versalovic et al. 1991
	ERIC 2 RV		AAGTAAGTGACTGGGGTGAGCG	Chia et al. 2005
6	*fum*CF	Fumarate hydratase	TCACAGGTCGCCAGCGCTTC	http://mlst.warwick.ac.uk/mlst/
	*fum*CR		GTACGCAGCGAAAAAGATTC	
7	*gyr*BF	DNA gyrase	TCGGCGACACGGATGACGGC	http://mlst.warwick.ac.uk/mlst/
	*gyr*BR		ATCAGGCCTTCACGCGCATC	
8	*icd*F	Isocitrate/ isopropylmalate dehydrogenase	ATGGAAAGTAAAGTAGTTGTTCCGG CACA	http://mlst.warwick.ac.uk/mlst/
	*icd*R		GGACGCAGCAGGATCTGTT	
9	*mdh*F	Malate dehydrogenase	ATGAAAGTCGCAGTCCTCGGCGCTG CTGGCGG	http://mlst.warwick.ac.uk/mlst/
	*mdh*R		TTAACGAACTCCTGCCCCAGAGCGA TATCTTTCTT	
10	*pur*AF	Adenylosuccinate dehydrogenase	CGCGCTGATGAAAGAGATGA	http://mlst.warwick.ac.uk/mlst/
	*pur*AR		CATACGGTAAGCCACGCAGA	
11	*qacE*aII FW	*qac*E / *qac*EΔ1	CGCATTTTATTTTCTTTCTCTGGTT	Jechalke et al. 2014
	*qacE*aII RV		CCCGACCAGACTGCATAAGC	
12	*qac*EΔ1 FW	*qac*EΔ1	GGCTTTACTAAGCTTGCCCC	Bischoff et al. 2012
	*qac*EΔ1 RV		AGCCCCATACCTACAAAGCC	
13	*rec*AF	ATP/GTP binding site	CGCATTCGCTTTACCCTGACC	http://mlst.warwick.ac.uk/mlst/
	*rec*AR		TCGTCGAAATCTACGGACCGGA	
14	*str*(A) FW	*str*(A)	CCTGGTGATAACGGCAATTC	Lanz et al. 2003
	str(A) RV		CCAATCGCAGATAGAAGGC	
15	*str*(B) FW	*str*(B)	ATCGTCAAGGGATTGAAACC	Lanz et al. 2003
	str(B) RV		GGATCGTAGAACATATTGGC	
16	*sul*(I) FW	*sul*(I)	TTCGGCATTCTGAATCTCAC	Maynard et al. 2003
	sul(I) RV		ATGATCTAACCCTCGGTCTC	
17	*sul*(II) FW	*sul*(II)	CGGCATCGTCAACATAACC	Maynard et al. 2003
	sul(II) RV		GTGTGCGGATGAAGTCAG	
18	*tet*(A) FW	*tet*(A)	GTGAAACCCAACATACCCC	Maynard et al. 2003
	tet(A) RV		GAAGGCAAGCAGGATGTAG	
19	*tet*(B) FW	*tet*(B)	TACGTGAATTTATTGCTTCGG	Aminov et al. 2002
	tet(B) RV		ATACAGCATCCAAAGCGCAC	
20	*tet*(M) FW	*tet*(M)	ACAGAAAGCTTATTATATAAC	Aminov et al. 2001
	tet(M) RV		TGGCGTGTCTATGATGTTCAC	