

Supplementary Materials

Table S1. Primers for non-*aureus* staphylococci QRDR detection

Target genes	Primer name	Sequence (5'→3')	Amplicon size (bp)
<i>gyrA</i>	gyrA-F	AATGAACAAGGTATGACACC	368
	gyrA-R	GCGATACCTGATGCACCATT	
PCR condition: 95°C 5 min+28×(95°C 30 sec+50°C 30 sec+72°C 40 sec)+72°C 5 min			
<i>gyrB</i>	gyrB-agnetis-F	AGTGACACGTCGTAAGTCGG	612
	gyrB-agnetis-R	TGAAGCATCGCACGGTTTTTC	
PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-arlettae-F	TGGCTCGTGTCATTGTCGAA	790
	gyrB-arlettae-R	GTCGCATACACTGCGTTGTC	
PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-chromogenes-F	GAAACACGGGGACCCTCAAT	545
	gyrB-chromogenes-R	TTCGATATGGGCACCATCG	
PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-cohnii-F	AAA AAG CGC GTG AAG TGA CA	696
	gyrB-cohnii-R	GGT TCT CAA CAA CAT CGC CC	
PCR condition : 95°C 5 min+28×(95°C 30 sec+52°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-condimenti-F	CTG CCG GAG GGT CTA CAA AA	534
	gyrB-condimenti-R	TAT CCG CTT CAA TCG CGT CT	
PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-epidermidis-F	CAG CAT TAG ACG TTT CAA G	250
	gyrB-epidermidis-R	CCA ATA CCC GTA CCA AAT GC	
PCR condition : 95°C 5 min+28×(95°C 30 sec+55°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-haemolyticus-F	ACG TGA AGT GAC ACG TCG TA	410
	gyrB-haemolyticus-R	ATC CCG CTT CGA TTA GTG GT	
PCR condition : 95°C 5 min+28×(95°C 30 sec+52°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-lentus-F	AGAGCTCGTCTAGCAGCGAA	681
	gyrB-lentus-R	CGTTTCGTCAGCTTCTATCGC	
PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-saprophyticus-F	GAA GTC ACG CGC CGT AAA TC	528
	gyrB-saprophyticus-R	CGA CCA TTT TGG CGT TGG TT	
PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-gallinarum-F	AGT GAC ACG TCG TAA GTC GG	567
	gyrB-gallinarum-R	TGA TCC GCG TTC ATC TCA CC	
PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-sciuri-F	TAT CGT TGA GGG TGA CTC TGC	426
	gyrB-sciuri-R	TTC GGC GTT GAG CTA AGT TCT	
PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min			
	gyrB-xylosus-F	GGC AGA GAC TCG GAA ACA CA	442
	gyrB-xylosus-R	CCC ACA ATT GGT CTG CGT TC	
PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min			

Table S1. Primers for non-aureus staphylococci QRDR detection (continued)

Target genes	Primer name	Sequence (5'→3')	Amplicon size (bp)	
<i>parC</i>	parC-agnetis-F	TTACCTGATGTACGCGACGG	922	
	parC-agnetis-R	GTCGACCTTCACTGATCGCT		
	PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min			
	parC-arlettae-F	ACCCGATGTACGTGATGGTT	257	
	parC-arlettae-R	ATAGCTGCTGCAGGGTCATT		
	PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min			
	parC-chromogenes-F	CGT CGG GGA TGT CAT TGG AC	162	
	parC-chromogenes-R	GTA TAA CGC ATC GCA GCA GG		
	PCR condition : 95°C 5 min+28×(95°C 30 sec+50°C 30 sec+72°C 40 sec)+72°C 5 min			
	parC-cohnii-F	TTG GCG ACC GAT TTG GTA GAT	309	
	parC-cohnii-R	TAG CTG CTG CTG GAT CGT TA		
	PCR condition : 95°C 5 min+28×(95°C 30 sec+52°C 30 sec+72°C 40 sec)+72°C 5 min			
	parC-condimenti-F	AGT GCC AAA ACA GTC GGT GA	300	
	parC-condimenti-R	GTT CGG GAA TCT TGC TGG GA		
	PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min			
	parC-epidermidis-F	TCG CAA TGT ATT CAA GTG GG	245	
	parC-epidermidis-R	ATC GTT ATC GAT ACT ACC ATT		
	PCR condition : 95°C 5 min+28×(95°C 30 sec+55°C 30 sec+72°C 40 sec)+72°C 5 min			
parC-haemolyticus-F	AAG AGT GCG AAG ACA GTC GG	470		
parC-haemolyticus-R	CCG CCA GTA GGG AAA TCT GG			
PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min				
parC-lentus-F	ATCCAAGACCGAGCACTTCC	575		
parC-lentus-R	CCGGTAGGGAAATCAGGTCC			
PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min				
parC-saprophyticus-F	CGT TCG TGA TGG GCT CAA AC	244		
parC-saprophyticus-R	AGC CGG GTC ATT GTC GAT AC			
PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min				
parC-sciuri-F	GCG CTT CCT GAT GTA CGA GA	375		
parC-sciuri-R	CAT CGG CTC CAT CGC TGT AT			
PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min				
parC-xylosus-F	CGC ACG GTG ATA CGT CTG TA	428		
parC-xylosus-R	ACC ACC CGT TGG GAA ATC AG			
PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min				
<i>parE</i>	parE-F	CGATTAAAGCACAACAAGCAAG	393	
	parE-R	GCGCACCATCAGTATCAG		
	PCR condition : 95°C 5 min+28×(95°C 30 sec+48°C 30 sec+72°C 40 sec)+72°C 5 min			
	parE-agnetis-F	GGGTGGGTCTGCAAACTTG	308	
	parE-agnetis-R	GTAACGCGATAAACACGCGA		
	PCR condition : 95°C 5 min+28×(95°C 30 sec+52°C 30 sec+72°C 40 sec)+72°C 5 min			

Table S1. Primers for non-aureus staphylococci QRDR detection (continued)

Target genes	Primer name	Sequence (5'→3')	Amplicon size (bp)
	parE-arlettae-F	TTAGGTACACCGGAAGCACG	566
	parE-arlettae-R	ACACGTCCTGCCAACAATAA	
	PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min		
	parE-chromogenes-F	TAGGGACACCTGAAGCGAGA	851
	parE-chromogenes-R	ACGACGTGGGGCAACTTTAT	
	PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min		
	parE-cohnii-F	CCA ACA AGC AAG AGA GGC AG	696
	parE-cohnii-R	ATC CAC TCA CGT CTA GGA GC	
	PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min		
	parE-condimenti-F	TAC GCT CGT CGA ATT GGT GA	648
	parE-condimenti-R	TAC TTG GAT ATG CGC ACC GT	
	PCR condition: 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min		
	parE-epidermidis-F	AAG CTC AAC AAG CAC GCG AGG CTG	229
	parE-epidermidis-R	TTA AAG TCA GTA CCA ACA CCA GCA C	
	PCR condition : 95°C 5 min+28×(95°C 30 sec+48°C 30 sec+72°C 40 sec)+72°C 5 min		
	parE-lentus-F	GCA AGA GCT GCC GTA GAT TC	483
	parE-lentus-R	AGC ACC ATC TGT ATC GGC AT	
	PCR condition : 95°C 5 min+28×(95°C 30 sec+53°C 30 sec+72°C 40 sec)+72°C 5 min		
	parE-saprophyticus-F	GCG TAC AAA AGA CGG GGG TA	701
	parE-saprophyticus-R	CAC CAT CCG TAT CCG CAT CA	
	PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min		
	parE-sciuri-F	GTG AAG CAG CGA GAA AAG CG	374
	parE-sciuri-R	ATG CGC ACC ATC AGT ATC GG	
	PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min		
	parE-xylosus-F	TAG AGA AGC GGC GCG TAA AG	376
	parE-xylosus-R	ATG CGC ACC ATC TGT ATC GG	
	PCR condition : 95°C 5 min+28×(95°C 30 sec+54°C 30 sec+72°C 40 sec)+72°C 5 min		

QRDR, quinolone-resistance determining region; PCR, polymerase chain reaction.