

TABLE S1 Primers for amplification and sequencing of quinolone resistance–determining regions

Primer	Sequence (5' to 3')	Amplicon size (bp)
<i>gyrA</i> -f	GTTATCGTGTCCAGAGCG	446
<i>gyrA</i> -r	CCGCAATACCGGAAGTACCA	
<i>gyrB</i> -f	ATACGCACGAAGGAGGTACG	847
<i>gyrB</i> -r	CGCTCTTTCTCGTTCCATGC	
<i>parC</i> -f	TGGTTTCTGGATTATGCCTCTT	446
<i>parC</i> -r	CCTACACCAATCCCTTCTACTCC	
<i>parE</i> -f	AAGAGCCAGAAACATCAGAGG	819
<i>parE</i> -r	TTCTTTTCTTTCGATGTCCGTA	

TABLE S2 Mutations in the quinolone resistance–determining regions of all *E. anophelis* isolates

Strain no.	Pre-existing mutations			Ciprofloxacin-induced mutations			Levofloxacin-induced mutations		
	GyrA	GyrB	ParC	GyrA	GyrB	ParC	GyrA	GyrB	ParC
ED72-72				S83I/R ^a			G81D		
ED861-69				S83I			G81D		
ED863-79				S83I			G81D		
ED919-93				S83I			G81D		
ED943-07	S83I						S83I	D431H	
ED945-17				S83I			G81D, S83I		
ED960-64				S83I			G81D		
ED981-34	S83I						S83I		
ED984-29	S83I						S83I		
ED986-96	S83I						S83I		
ED989-63				S83I			G81D, S83I		
ED990-96				S83I			G81D		
ED991-03				S83I			G81D, S83I		
ED993-93				S83I/R ^a			G81D, S83I		
ED998-58				S83I			G81D, S83I		
ED999-65				S83I			G81D, S83I		
ED1006-53				S83I			G81D		
ED1022-35				S83I			S83I		
ED1023-67				S83R			G81D		

ED1027-67		P134T	S83I	G81D, S83I	
ED1037-10	S83I			S83I	D431H
ED1042-67			S83R, S84P	G81D	
ED1048-16			S83I	G81D	
ED1049-50			S83I	S83I	
ED1050-03			S83I	D82N, S83I	
ED1054-01			S83I	G81D, S83I	
ED1064-93			S83I	G81D	
ED1065-50			S83I	G81D	
EDC15-70			S83I	G81D	
EDC23-98	S83R			S83R, D87Y	D431N
EDC32-52	S83I			S83I	
EDC41-75			S83I	G81D	
EDC44-32			S83I	G81D	
EDC45-72			S83R	G81D, S83I	
EDC46-69			S83I	G81D	
EDC49-25			S83I	G81D	
EDC52-15			S83I	G81D	
VGHTC2	S83I			S83I	D431H
VGHTC3			S83I	G81D	
VGHTC6	S83I			S83I	D431H
VGHTC9			S83R, D87H	G81D	

		S83I	G81D	
VGHTC11	S83I		S83I	D431H
VGHTC12	S83I		S83I, D87N	D431H
KMUH14		S83I	G81D	
KMUH16		S83I	G81D	
KMUH17		S83I	G81D	
KMUH20		S83I	G81D	
KMUH23		S83I	G81D, S83I	
KMUH25		S83I	G81D	
KNUH26		S83I	S83I	
KMUH28		S83I	G81D	
KMUH35		S83I	G81D	
KMUH37		H78Y, S83I, D87Y	G81D	
KMUH39	S83R		S83R, D87Y	
KMUH40		S83I	G81D	
KMUH42		S83I	G81D	
KMUH43	S83I		S83I	
KMUH46		S83I	G81D	
KMUH47		S83I	G81D	
KMUH48	S83I		S83I	
KMUH49	S83I		S83I	D431H
KMUH50		S83I	G81D	
KMUH51	S83I		S83I	

KMUH52		S83I	G81D	
KMUH54		S83I	G81D	
KMUH56	S83I		S83I	D431H
KMUH57		S83I	G81D, S83I	
KMUH59		S83R, D87Y	G81D	
KMUH60		S83I	G81D	
NCKU61		S83I	G81D	
NCKU62		S83I	G81D	
NCKU63		A119K	G81D	
NCKU64		S83I	G81D	
NCKU65	D87Y	S83I, D87Y	S83R, D87Y	
NCKU66		S83I	G81D	
NCKU67		S83I	G81D	
NCKU68		S83I	G81D	
NCKU69		S83I	G81D	
NCKU70		S83I	G81D	
NCKU71		S83I	G81D	
NCKU72		S83I	G81D	
NCKU73		S83I	G81D	
NCKU74		S83I	G81D	
NCKU75		S83I	G81D	

^aNucleotide mutation detected in different colonies of the same isolate.