

TABLE S1. Primer sequence used for PCR and RT PCR.

Gene	Primer	sequence	annealing temperature	Reference
<i>Pfmdr1</i>	M11	<u>CTCGAGGAATTCGGATCCTGTTGAAAGATGGGTAAAGAGCAGAAAGAG</u>	58°C	This work
	M12	<u>TCTAGAAAGCTTGGATCCTACTTTCTTATTACATATGACACCACAAACA</u>		
	M21	<u>CTCGAGGAATTCGGATCCCGTTAATTTATGTTTGTGGTG</u>		
	M22	<u>TCTAGAAAGCTTGGATCCAAATAATTGAGCGCTTTGACTG</u>		
	M31	<u>CTCGAGGAATTCGGATCCAGAAGATTATTTCTGTAATTTGATAGAAAAAGC</u>		
	M32	<u>TCTAGAAAGCTTGGATCCATGATTCGATAAATTCATCTATAGCAGCAA</u>		
<i>Pfcrt</i>	Crt76 sens	<u>CTCGAGGAATTCGGATCCGGTGGAGGTTCTTGTCTTGG</u>	57°C	(1)
	Crt76 antisens	<u>TCTAGAAAGCTTGGATCCATAAAGTTGTGAGTTTCGGATG</u>		
	Crt220sens	<u>CTCGAGGAATTCGGATCCTTATACAATTATCTCGGAGCAG</u>	55°C	
	Crt220 antisens	<u>TCTAGAAAGCTTGGATCCCATGTTTGAAAAGCATACAGGC</u>		
<i>Pfcrt</i> (cDNA)	F1 sens	TAATTTCTTACATATAACAAAATGAAATTC	64°C	(13)
	F1 antisens	TTATTGTGTAATAATTGAATCGACG		
	F2 sens	TAGGTGGAGGTTCTTGTCTTGGTA	70°C	
	F2 antisens	TCGACGTTGGTTAATTCTCCTTC		

TABLE S2. Primer sequence used real time PCR.

Gene	Primer	sequence	Reference
	Pfmdr1F	TGC ATC TAT AAA ACG ATC AGA CAA A	
<i>Pfmdr1</i>	Pfmdr1R	TCG TGT GTT CCA TGT GAC TGT	(30)
	Pfmdr1 probe	TTT AAT AAC CCT GAT CGA AAT GGA ACC TTT G	
	b-tubulinF	TGA TGT GCG CAA GTG ATC C	
<i>b-tubulin</i>	b-tubulinR	TCC TTT GTG GAC ATT CTT CCT C	(30)
	b-tubulin probe	TAG CAC ATG CCG TTA AAT ATC TTC CAT GTC T	
	maeb1F	AAA TAT GAA ATT GAA GAA AGA GAC GTA CTT T	
<i>maeb1</i>	maeb1R	AAC CGA GTT TGT AAG TTC CTT CTT TTA	(13)
	maeb1 probe	TGA ATC CGA AAA ATC GAC TAT TTG CCC AA	