Supplementary table 1*:* RT-PCR and nested PCR primer sequences

Gene	Primer	Sequence 5'-3'	Bases	Reference
18s RNA	18s Pf F	GTAATTGGAATGATAGGAATTTACAAGGT	29	Hermsen et al.2001
	18s Pf R	TCAACTACGAACGTTTTAACTGCAAC	26	
	18s Pf probe	AACAATTGGAGGGCAAG	17	
dhps	dhps_extF	CTAAACGTGCTGTTCAAAGAATG	23	Designed in this study
	dhps_extR	GTGGATACTCATCATATACATG	22	
	dhps_intF	[MID tag]-GATAAATGAAGGTGCTAGTGT	21	
	dhps_intR	GAGTTTAATAGATTGATCATG	21	
k13	k13_extF	CTTAACTTCTTAAGAAATCCG	21	Designed in this study
	k13_extR	AGGCATATGGAAATTGTTCCC	21	
	k13_intF	[MID tag]-GAAGCCTTGTTGAAAGAAGCAG	22	
	k13_intR	CACCATTAGTTCCACCAATGAC	22	
dhfr	dhfr_extF	CTCCTTTTTATGATGGAACAAGT	23	Designed in this study
	dhfr_extR	CTTTTCTAAAAATTCTTGATAAAC	24	
	dhfr_intF	[MID tag]-GAACAAGTCTGCGACGTTTTC	21	
	dhfr_intR	CTTGATAAACAACGGAACCTCC	22	
mdr1	mdr1_extF	GAGTTGAACAAAAAGAGTACCG	22	Designed in this study
	mdr1_extR	CCATTAAAGCCTCTTCTATAATGG	24	
	mdr1_intF	[MID tag]-GTATGTGCTGTATTATCAGG	20	
	mdr1_intR	GTATTGTTATTATATAACAAAG	22	
crt	crt76_F	GGTGGAGGTTCTTGTCTTGG	20	Okombo et al. 2014
	Crt76_R	ATAAAGTTGTGAGTTTCGGATG	22	
	crt145_extF	CTTATGACCTTTTTAGGAACG	21	Designed in this study
	crt145_extR	CTTAATATTAAAAAGCAGAAGAAC	24	
	crt145_intF	AGGAACGACACCGAAGCT	18	
	crt145_intR	GCAGAAGAACATATTAATAGG	21	
ama1	ama1_ext_F	GGAGAAGATGCTGAAGTAGCTGG	23	Designed in this study
	ama1_ext_R	GGTATATCTTCACAATTTCCATCG	24	
	ama1_int_F	[MID tag]-GAAATGTCCAGTATTTGGTAAAGG	24	
	ama1_int_R	CCCATAATCCGAATTTTGCATTC	23	

Supplementary Table 2: Multiplex identifier (MID) 10bp sequence sets

MID tag	sequence	MID tag	sequence
MID-1	ACGAGTGCGT	MID-9	TCTCTATGCG
MID-2	ACGCTCGACA	MID-10	TGATACGTCT
MID-3	AGACGCACTC	MID-11	CATAGTAGTG
MID-4	AGCACTGTAG	MID-12	CGAGAGATAC
MID-5	ATCAGACACG	MID-13	ATACGACGTA
MID-6	ATATCGCGAG	MID-14	TCACGTACTA
MID-7	CGTGTCTCTA	MID-15	CGTCTAGTAC
MID-8	CTCGCGTGTC	MID-16	TCTACGTAGC

Amplicons were generated using forward primers tagged on the 5' end with the above listed MIDs. This enabled the unique identification of sequences from each sample during sequence data demultiplexing.

References

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