

Table S1. Parameters used for qPCR

Stage	Temperature (°C)	Duration (s)	Ramp rate (°C/s)	Cycles
Pre-incubation	95	600	4.4	1
Amplification	95	5	4.4	45
	60	30	2.2	
Melt curve	95	5	4.4	1
	65	61	2.2	
	97	Continuous	0.11	
Cooling	40	10	1.5	1