

Table S6. The composition of PCR reaction mixture (A) and the PCR reaction conditions (B)

A

PCR reaction mixture	Total vol - 25 ul
	1x PyroMark Master Mix (HotStarTaq DNA Polymerase, dNTPs, 1x PyroMark PCR Buffer)
	10 pmol of each primer
	1x Coral Load Concentrate
	1 ul of converted DNA

B

Pyrosequencing PCR conditions	Step	Temp [°C]	Time	
	Initial heat activation	95	15 min.	
	Denaturation	94	30 sec.	45 cycles
	Annealing	53-56*	30 sec.	
	Extension	72	30 sec.	
	Final extension	72	10 min.	

*The annealing temperature depends on the used primers