

S1 Table: List of primers used for qRT-PCR

Name of Primer	Direction	Sequence	Tm	Source
Shh (Primer of targeted)	F (5'→3')	AGGACCCGGTTTGATCTTCT	56.5	IDT
	R (5'→3')	GCCATGTFACACAGACAACC	57.4	
Nrf2 (Primer of targeted gene)	F (5'→3')	GCGACGGAAAGAGTATGAGC	55.7	
	R (5'→3')	GTTGGCAGATCCACTGGTTT	55.6	
GAPDH (Primer of housekeeping)	F (5'→3')	CAGCCTCAAGATCATCAGCA	54.8	
	R (5'→3')	TGTGGTCATGAGTCCTTCCA	55.7	