

Supplementary Material 1. The details of primer sequence of different genes used in apoptosis detection and the house keeping gene β -actin

Gene	Direction	Sequence
Caspase-3	Forward	5'-GTGGAAGTACGATGATATGGC-3'
	Reverse	5'-CGCAAAGTGACTGGATGAACC-3'
Caspase-7	Forward	5'-GGACCGAGTGCCCACTTATC-3'
	Reverse	5'-TCGCTTTGTCTGAAGTTCTTGTT-3'
Apaf-1	Forward	5'-CTGGCAACGGGAGATGACAATGG-3'
	Reverse	5'-AGCGGAGCACACAAATGAAGAAGC-3'
Nrf-2	Forward	5'-CACAGTGCTCCTATGCGTGA-3'
	Reverse	5'-TTCTGGGCGGCGACTTTAT T-3'
HO-1	Forward	5'-GGTGATGGCCTCCTTGTACC-3'
	Reverse	5'-GTGG GGCATAGACTGGGTTC-3'
β -actin	Forward	5'-AAGATCCTGACCGAGCGTGG-3'
	Reverse	5'-CAGCACTGTGTTGGCATAGAGG-3'