

**Supplement Table 1.** Primer sequences used for reverse-transcription polymerase chain reaction and the predicted product size

Gene	Primer sequence	Product size (bp)
GAPDH		
Forward	5'-CACGGCAAGTTCAACGGCAC-3'	189
Reverse	5'-AGCGGAAGGGGCGGAGATGA-3'	
ERK 1		
Forward	5'-GCCTTGCCCGGATTGCTGAC-3'	515
Reverse	5'-AGGCCGACACTGGGAACACTAA-3'	
JNK 1		
Forward	5'-CACAGTCCTAAAACGATACC-3'	354
Reverse	5'-CCACACAGCATTTGATAGAG-3'	
p38		
Forward	5'-GTGCCCGAGCGATAACCAGAAC-3'	468
Reverse	5'-AGTGTGCCGAGCCAGCCAAAATC-3'	
Bax		
Forward	5'-ACTGGGGCCGGTGGTTG-3'	246
Reverse	5'-AGATGGTGAGTGAGGCAGTGAGGA-3'	
Bcl-2		
Forward	5'-TGCCAAGGGGAAAACACCAGAATC-3'	411
Reverse	5'-GCGACAAGGGGCCGTAGAGG-3'	
NF-κB		
Forward	5'-TACCCTCAGAGGCCAGAAGA-3'	232
Reverse	5'-TCCTCTCTGTTTCGGTTGCT-3'	
Caspase-3		
Forward	5'-ACGGTACGCGAAGAAAAGTGAC-3'	282
Reverse	5'-TCCTGACTTCGTATTTTCAGGGC-3'	