

Supplementary

Table S1 The gene primer sequences of mouse MMP-2, MMP-9, Bax, Bad, Bcl-2 and GAPDH

Gene	Primer sequence (5'→3')
<i>MMP-2</i>	Forward: ACTTTGAGAAGGATGGCAAGTA
	Reverse: CTTCTTATCCCGGTCATAGTCC
<i>MMP-9</i>	Forward: CAAAGACCTGAAAACCTCCAAC
	Reverse: GACTGCTTCTCTCCCATCATC
<i>Bax</i>	Forward: TTGCCCTCTTCTACTTTGCTAG
	Reverse: CCATGATGGTTCTGATCAGCTC
<i>Bad</i>	Forward: GAAGACGCTAGTGCTACAGATA
	Reverse: CTGCTGATGAATGTTGCTCC
<i>Bcl-2</i>	Forward: GATGACTTCTCTCGTCGCTAC
	Reverse: GAACTCAAAGAAGGCCACAATC
<i>GAPDH</i>	Forward: GGTTGTCTCCTGCGACTTCA
	Reverse: TGGTCCAGGGTTTCTTACTCC

Table S2 The gene primer sequences of human MMP-2, MMP-9, E-cadherin, Bax, Bad, Bcl-2 and GAPDH

Gene	Primer sequence (5'→3')
<i>MMP-2</i>	Forward: CACCTACACCAAGAACTTCCGTCTG
	Reverse: GTGCCAAGGTCAATGTCAGGAGAG
<i>MMP-9</i>	Forward: AGTCCACCCTTGCTCTTCCC
	Reverse: TCTCTGCCACCCGAGTGTAACC
<i>E-cadherin</i>	Forward: AGTCACTGACACCAACGATAAT
	Reverse: ATCGTTGTTCACTGGATTTGTG
<i>GAPDH</i>	Forward: CAGGAGGCATTGCTGATGAT
	Reverse: GAAGGCTGGGGCTCATTT
<i>Bax</i>	Forward: AGCGACTGATGTCCCTGTCTCC
	Reverse: AGATGGTGAGTGAGGCGGTGAG
<i>Bad</i>	Forward: CGGAGGATGAGTGACGAGTTTGTG
	Reverse: GATCCCACCAGGACTGGAAGACTC
<i>Bcl-2</i>	Forward: TCGCCCTGTGGATGACTGAGTAC
	Reverse: ACAGCCAGGAGAAATCAAACAGAGG