

Supplementary Data

Supplementary Table S1. Antibodies used in the western blot analysis

Supplier	Location	Antibodies
Santa Cruz Biotechnology	Santa Cruz, CA, USA	MMP-9 (sc-21733), TIMP-1 (sc-5538), β -catenin (sc-376841), GSK3 β (sc-81462), p-c-Jun (sc-822), c-Jun (sc-74543), c-Fos (sc-253), p-JNK (sc-6254), p-ERK (sc-7383), JNK (sc-7345), ERK (sc-94), p65 (sc-8008), and β -actin (sc-81178)
Cell signaling Technology	Danvers, MA, USA	MMP-2 (#4022), p-GSK3 β (#5558), p-c-Fos (#5348), p-p65 (#3033), p38 (#9211), and p-p38 (#9215)

Supplementary Table S2. Oligonucleotide primer sequences for qRT-PCR

Gene	Forward	Reverse
<i>E-cadherin</i>	TCTTCTCCGCCTCCTTCTTC	AATTCCTGCCATTCTGGGGA
<i>N-cadherin</i>	TGAGCCTGAAGCCAACCTTA	AGGTCCCCTGGAGTTTTCTG
<i>Vimentin</i>	AGCTAACCAACGACAAAGCC	TCCACTTTGCGTTCAAGGTC
<i>TIMP-1</i>	CTGGAAAACCTGCAGGATGGA	GTGCATTCTCACAGCCAAC
<i>MMP-2</i>	ACCGCGACAAGAAGTATGGC	CCACTTGCGGTCATCATCGT
<i>MMP-9</i>	CGATGACGAGTTGTGGTCCC	TCGTAGTTGGCCGTGGTACT
<i>β-actin</i>	ATCACTATTGGCAACGAGCG	TCAGCAATGCCTGGGTACAT