

Table SI. Primers used for quantitative PCR analysis.

Gene	GenBank accession no.	Primer sequences (5'-3')	Product size, bp
GAPDH	NM_017008	F: TCGGTGTGAACGGATTTG R: CTCAGCCTTGACTGTGCC	173
COX-2	NM_017232	F: GCTCATACTGATAGGAGAGACGA R: TGGAAGCTGCTGGTTGAAAAG	117
Snail1	NM_053805	F: CTGGGCGCTCTGAAGATGCA R: GGAGCAGCCAGACTCTTGGTGT	285
Smad2	NM_019191	F: CTCTGAACAAACCAGGTCTCTT R: TCTGTTAGAATCTCTGTGTGCC	255
Smad3	NM_013095	F: GATTGCTCAGTCAAGATGTGG R: GGTGGGAAAGATGGTGCT	229
Smad4	NM_019275	F: ATCACTATGAGCGGGTTGTCT R: TTGGATGGTTTGAATCGAAT	158
Smad7	NM_030858	F: GGCTTTCAGATTCCCAACT R: GCCATCCACTTCCCTTGT	254
E-cadherin	NM_031334	F: TGTTTGCTCGGCGTTTG R: ATTTCACTCTGCCCAGGATG	209
N-cadherin	NM_031333.1	F: TCAGTATGAAAGCAGTGAACCAG R: CTGGCGAGTTGTCTAGGGAATAC	240
TGF- β 1	NM_021578	F: ACCGCAACAACGCAATC R: AGCAATGGGGGTTCTGG	106

COX-2, cyclooxygenase-2; F, forward; R, reverse.

Table SII. Antibodies used for immunohistochemistry and western blotting.

Antibody	Applications	Dilutions	Source	Cat. no.	Supplier
E-cadherin	IHC; WB	1:200; 1:1,000	Mouse	sc-8426	Santa Cruz Biotechnology, Inc.
N-cadherin	IHC; WB	1:200; 1:400	Mouse	sc-8424	Santa Cruz Biotechnology, Inc.
COX-2	IHC; WB	1:200; 1:300	Goat	ab179800	Abcam
TGF- β 1	IHC; WB	1:200; 1:500	Rabbit	18978-1-AP	Wuhan Sanying Biotechnology
p-Smad2/3 (Ser 423/425)	IHC	1:400	Goat	sc-11769-R	Santa Cruz Biotechnology, Inc.
p-Smad2 (Ser465/Ser467)	WB	1:1,000	Rabbit	18338T	Cell Signaling Technology, Inc.
Smad2	WB	1:8,000	Mouse	67343-1-Ig	ProteinTech Group, Inc.
Snail1	IHC; WB	1:200; 1:400	Mouse	sc-271977	Santa Cruz Biotechnology, Inc.
SST	IHC	1:400	Goat	ab108456	Abcam
IL-6	IHC; WB	1:200; 1:400	Rabbit	21865-1-AP	ProteinTech Group, Inc.
TNF- α	IHC; WB	1:200; 1:500	Goat	60291-1-Ig	ProteinTech Group, Inc.
PCNA	IHC	1:200	Mouse	sc-56	Santa Cruz Biotechnology, Inc.
Cleaved caspase-3	IHC	1:400	Rabbit	9661T	Cell Signaling Technology, Inc.
Beclin 1	IHC; WB	1:200; 1:1,000	Rabbit	11306-1-AP	ProteinTech Group, Inc.
P62/SQSTM1	IHC; WB	1:400; 1:4,000	Rabbit	18420-1-AP	ProteinTech Group, Inc.
LC3A	IHC; WB	1:200; 1:1,000	Rabbit	18722-1-AP	ProteinTech Group, Inc.
LC3B	IHC; WB	1:500; 1:1,000	Rabbit	18725-1-AP	ProteinTech Group, Inc.
GAPDH	WB	1:25,000	Mouse	60004-1-Ig	ProteinTech Group, Inc.
Anti-mouse IgG (H+L), HRP conjugate	WB	1:10,000	Goat	SA00001-1	ProteinTech Group, Inc.
Anti-rabbit IgG (H+L), HRP conjugate	WB	1:10,000	Goat	SA00001-2	ProteinTech Group, Inc.
Anti-goat IgG (H+L), HRP conjugate	WB	1:10,000	Rabbit	ZB-2306	

OriGene Technologies, Inc. IHC, immunohistochemistry; WB, western blotting; COX-2, cyclooxygenase-2; SST, somatostatin; PCNA, proliferating cell nuclear antigen; p-Smad2, phosphorylated Smad2; SQSTM1, sequestosome 1.