

Supporting Tables

Table S1. List of proteins tested by antibodies and characteristics of the corresponding antibodies used

Protein	Assay	Antibody	Origin	Dilution
E-cadherin	WB	Cell Signaling Technology	rabbit	1/1000
	CM	Cell Signaling Technology	rabbit	1/100
ZO-1	CM	Cell Signaling Technology	rabbit	1/1000
β -catenin	CM	Abcam	rabbit	1/250
Claudin-1	CM	Cell Signaling Technology	rabbit	1/1000
N-cadherin	WB	Abcam	mouse	1/500
	CM			1/250
vimentin	WB	Abcam	rabbit	1/1000
	CM			1/20
snail	WB	Abcam	mouse	1/1000
slug	WB	Abcam	mouse	1/20
twist	WB	Abcam	mouse	1/50
MMP1	WB	Epitomics	rabbit	1/1000
MMP2	WB	Epitomics	rabbit	1/1000
MMP3	WB	Epitomics	rabbit	1/1000
MMP7	WB	Epitomics	rabbit	1/100
MMP9	WB	Epitomics	rabbit	1/1000
MMP13	WB	Epitomics	rabbit	1/1000
VEGF-A	WB	Santa cruz	rabbit	1/200
GAPDH	WB	Epitomics	mouse	1/1000
β -actin	WB	Abcam	mouse	1/5000

Abbreviations: WB, Western blot; CM, confocal microscopy

Table S2. Sequence of the oligonucleotides for plasmid construct-making and real-time PCR

Assays		Sequence (5' → 3')		Amplicon (bp)
Real-time PCR	<i>Twist</i>	F	GGGAGTCCGCAGTCTTACGA	277
		R	AGACCGAGAAGGCGTAGCTG	
	<i>Snail</i>	F	CTTCCAGCAGCCCTACGAC	71
		R	CGGTGGGGTTGAGGATCT	
	<i>Goosecoid</i>	F	TCTCAACCAGCTGCACTGTC	182
		R	GGCGGTTCTTAAACCAGACC	
	<i>Zeb1</i>	F	AGCAGTGAAAGAGAAGGG	229
		R	GGTCCTCTTCAGGTGCCT	
	<i>Zeb2</i>	F	CAAGAGGCGCAAACAAGC	128
		R	GGTTGGCAATACCGTCAT	
	<i>FOXC1</i>	F	ACATGTTGTAGGAGTCCGGG	147
		R	CCTTCTACCGGGACAACAAG	
	<i>FOXC2</i>	F	GCCTAAGGACCTGGTGAAGC	198
		R	TTGACGAAGCACTCGTTGAG	
	<i>slug</i>	F	TGGTTGCTTCAAGGACACAT	66
		R	GTTGCAGTGAGGGCAAGAA	
	<i>E-cadherin</i>	F	GAATGACAACAAGCCCGAAT	88
		R	GACCTCCATCACAGAGGTTCC	
	<i>N-cadherin</i>	F	GGTGGAGGAGAAGAAGACCAG	71
		R	GCATCAGGCTCCACAGT	
	<i>Vimentin</i>	F	GAGAACTTTGCCGTTGAAGC	163
		R	GCTTCCTGTAGGTGGCAATC	
	<i>TGF-β1</i>	F	CTAATGGTGGAAACCCACAACG	209
		R	TATCGCCAGGAATTGTTGCTG	
	<i>TGF-β2</i>	F	CAGCACACTCGATATGGACCA	113
		R	CCTCGGGCTCAGGATAGTCT	
	<i>TGF-β3</i>	F	ACTTGCACCACCTTGGACTTC	114
		R	GGTCATCACCGTTGGCTCA	
	<i>GAPDH</i>	F	AGGTCCACCACTGACACGTT	307
		R	GCCTCAAGATCATCAGCAAT	
PCR	<i>snail</i>	F	TGCGCTACTGCTGCGCGAAT	904
		R	TGCTGGAGCTGGGGAAGGCT	
	<i>twist</i>	F	AGATGATGCAGGACGTGTC	664
		R	AACAATGACATCTAGGTCTCCG	