

Table S1. Sequence of primers for quantitative reverse-transcriptase polymerase chain reaction.

Target gene	Direction	Sequence (5' to 3')
<i>Gapdh</i> (GAPDH)	Sense	TAAAGGGCATCCTGGGCTACACT
	Antisense	TTACTCCTTGGAGGCCATGTAGG
<i>Fn1</i> (FN)	Sense	AATGGAAAAGGGGAATGGAC
	Antisense	CTCGGTTGTCCTTCTTGCTC
<i>Col1a1</i> (COL1A1)	Sense	CAATGGTGAGACGTGGAAACC
	Antisense	ACAGTCCAGTTCTTCATTGCA
<i>Il1b</i> (IL-1 β)	Sense	CAGGCAGGCAGTATCACTCA
	Antisense	TGTCCTCATCCTGGAAGGTC
<i>Il6</i> (IL-6)	Sense	GATGCTACCAAACCTGGATATAATC
	Antisense	GGTCCTTAGCCACTCCTTCTGTG
<i>Ccl2</i> (MCP1)	Sense	CAAGAAGGAATGGGTCCAGA
	Antisense	GTGCTGAAGACCTTAGGGCA
<i>Tgfb</i> (TGF- β)	Sense	ACCGGAGAGCCCTGGATAC
	Antisense	AGGGTCCCAGACAGAAGTTG
<i>Havcr1</i> (KIM-1)	Sense	CGGTACAACTTAAAGGGGCA
	Antisense	GACGTGTGGAATCTCTGGT
<i>Aqp1</i> (AQP1)	Sense	GTCCAGGACAACGTGAAGGT
	Antisense	ACACACTGGGCGATGATGTA
<i>Aqp2</i> (AQP2)	Sense	CTTCCTTCGAGCTGCCTTC
	Antisense	CATTGTTGTGGAGAGCATTGAC
<i>Aqp3</i> (AQP3)	Sense	TGTGTGTACTGGCCATCG TT
	Antisense	GTTGACGGCATAGCCAGAAT
<i>Aqp4</i> (AQP4)	Sense	TGGTGTTCACTATTTTTGCC
	Antisense	GATCAAGTCTTCCGTCTCCA
<i>Tnf</i> (TNF- α)	Sense	AGGCTGCCCCGACTACGT
	Antisense	GACTTTCTCCTGGTATGAGATAGCAAA
<i>Acta2</i> (α -SMA)	Sense	CTGACAGAGGCACCACTGAA
	Antisense	CATCTCCAGAGTCCAGCACA
<i>Slc12a1</i> (NKCC2)	Sense	AGTGCGCCCAAAGTATTCCA
	Antisense	CAATGACATTCAGCTCGGCG
<i>Slc9a3</i> (NHE3)	Sense	TCGGCAGGAGTACAAGCATC
	Antisense	AGCTTGGCCGCCTTCTTATT
<i>mMrgA9</i> (Ade2R)	Sense	CACGTTCTCCTCACCCAACA
	Antisense	CCCAGATTGCAGCACACATG

Abbreviations: GAPDH, Glyceraldehyde 3-phosphate dehydrogenase; FN, Fibronectin; Col1a1, Collagen type 1 alpha 1; IL, Interleukin; MCP, Monocyte chemoattractant protein; TGF, Transforming growth factor; KIM, Kidney injury molecule; AQP, Aquaporin; TNF, Tumour necrosis factor; SMA, Smooth muscle actin; NKCC, Sodium-Potassium-Chloride Cotransporter; NHE, Sodium-hydrogen exchanger; Ade2R, Adenine receptor.

Table S2. Antibodies used for immunoblotting, immunohistochemistry, and immunofluorescence.

Target	Source	Dilution	Method	Manufacturer
Primary antibodies				
α -SMA	Mouse	1:500	Immunofluorescence	ab215368; Abcam
		1:250	Immunoblotting	M0851; DAKO
FN	Rabbit	1:50	Immunohistochemistry	ab2413; Abcam
		1:1000	Immunoblotting	
PDGFR β	Rabbit	1:400	Immunofluorescence	ab32570; Abcam
KIM-1	Goat	1:400	Immunofluorescence	AF1817, R&D Systems
AQP1	Rabbit	1:200	Immunofluorescence	AB2219; Sigma-Aldrich
AQP2	Mouse	1:200	Immunofluorescence	sc-515770; Santa Cruz
AQP3	Rabbit	1:1000	Immunohistochemistry	Biotechnology AQP-003; Alamone
AQP4	Rabbit	1:4000	Immunohistochemistry	AQP-003; Alamone
NKCC2	Rabbit	1:2000	Immunofluorescence	38436S; Cell Signalling Technology
Secondary antibodies				
Rabbit	Donkey	1:500	Immunofluorescence	Alexa Fluor 647; Invitrogen
Goat	Donkey	1:500	Immunofluorescence	Alexa Fluor 680; Invitrogen
Mouse	Donkey	1:500	Immunofluorescence	Alexa Fluor 488; Invitrogen
Rabbit	Goat	1:4000	Immunoblotting	Alexa Fluor 447; Dako
Mouse	Goat	1:4000	Immunoblotting	Alexa Fluor 448; Dako

Abbreviations: SMA, Smooth muscle actin; AQP, Aquaporin; FN, Fibronectin; KIM, Kidney injury molecule; NKCC, Sodium-Potassium-Chloride Cotransporter; PDGFR, Platelet derived growth factor receptor.