

Table SI. Primer list for reverse transcription-quantitative PCR.

Gene name	Forward primer (5'-3')	Reverse primer (5'-3')
Chst3	CCTCGGAGCAGTTTGAGAAGTGG	CTGATGGAGCGGTTGGTGAGTG
C4st1	GTACGAGACGCTGGAGGAGGAC	CGGTAGTTCGGGTGGACTTTGC
Chpf2	GGCTGCTTCTACAACGCTGACTAC	CTCCAGGGCTTCCTCCTCTTCC
Chpf	TGACCTGGCATCTGGCTTCCTAG	TTTGACGGGTGCGAAGACATCTG
Chsyl	GCAGCAGACCTTCAGCAAGATCC	GAGAGGAATGACAGGGACCCAGAG
Xylt2	TCGTGGTGGATGGTGGCTCTG	TGGAAGAAGGACTCGGCTGGAAG
Xylt1	AGCGTCTGTCCACCTCTACTTCC	GGCATCATCCATGTCTCCAGTGTC
Ogn	GATGAAATGCCACATGCCTGTTG	TTTGGCAGTGGTGGTACAGCATC
Cspg4	ACCGTAGTGCTCACCGTCTCC	AGGCAGGTCAAGGCTTCCAGAG
Dcn	GTCATAGAACTGGGCGGCAACC	ATGTTGGTGTCTGAGATGCGGATG
Lum	TCCGCTCCCAAAGTCCCTACAAG	GCCTTTCAGAGAAGCCGAGACAG
Vcan	CACTTCCTGCTGGTCACACTCAAG	GCTTATGTCCTCTGGCTGCTTTCC
Acta2	GCCACTGCTGCTTCCTCTTCTTC	CCCGCCGACTCCATTCCAATG
β -actin	TGTCACCAACTGGGACGATA	GGGGTGTGAAGGTCTCAA

Table SII. Antibodies list.

Name	Company	Cat.no.	Species raised in	Dilution
Vimentin	Abcam	ab8069	Mouse	1:100 (ICC)
α -SMA	Abcam	ab5694	Rabbit	1:1,000 (WB)
		ab7817	Mouse	1:100 (ICC)
Akt	Cell Signaling Technology, Inc.	4691	Rabbit	1:2,000 (WB)
phospho-Akt ^(Ser473)	Cell Signaling Technology, Inc.	4060	Rabbit	1:1,000 (WB)
PRAS40	Cell Signaling Technology, Inc.	2691	Rabbit	1:1,000 (WB)
phospho-PRAS40 ^(Thr246)	Cell Signaling Technology, Inc.	13175	Rabbit	1:1,000 (WB)
p70S6k	Cell Signaling Technology, Inc.	9202	Rabbit	1:1,000 (WB)
phospho-p70S6k ^(Thr389)	Cell Signaling Technology, Inc.	9234	Rabbit	1:1,000 (WB)
Smad3	Cell Signaling Technology, Inc.	9523	Rabbit	1:1,000 (WB)
phosphor-Smad3 ^(Ser425)	Affinity	AF3362	Rabbit	1:1,000 (WB)
Raptor	Cell Signaling Technology, Inc.	2280	Rabbit	1:1,000 (WB)
Rictor	Cell Signaling Technology, Inc.	2114	Rabbit	1:1,000 (WB)
2H6	Cosmo Bio	UN-07-001	Mouse	1:2,000 (WB)
β -actin	ImmunoWay	YM3028	Rabbit	1:5,000 (WB)
HRPGoat Anti Mouse IgG (H+L)	ImmunoWay	RS0001	Goat	1:20,000 (WB)
HRPGoat Anti Rabbit IgG (H+L)	ImmunoWay	RS0002	Goat	1:20,000 (WB)
Goat Anti Mouse IgG (H&L) – Alexa Fluor 594	ImmunoWay	RS3608	Goat	1:500 (ICC)
Goat Anti Mouse IgG (H&L) – Alexa Fluor 488	ImmunoWay	RS3208	Goat	1:500 (ICC)
Goat Anti Rabbit IgG (H&L) – Alexa Fluor 488	ImmunoWay	RS3211	Goat	1:500 (ICC)

ICC, immunocytochemistry; WB, western blotting.