

**Table S1.** Mus musculus oligonucleotides sequences for reverse transcription polymerase chain reactions (RT-PCR) and TaqMan real-time PCR

S.no	Genes	Forward (F)	Reverse (R)	Probe (P)
1.	GAPDH	5'-CCAATGTCTCCGTCGTGGATCT-3'	5'-GTTGAAGTCCGACGAGACAACC-3'	-
2.	CD90	5'-CTCCTGCTCTCAGTCTTGCAG-3'	5'-TGGTTCCTCTCTCTCCGGT-3'	-
3.	CD44	5'-CCTTGGCCACCATTCGAAGTA-3'	5'-TCCTGGTGGTGTCTGGAGTA-3'	-
4.	18S rRNA	5'-TAACGAAACGAGACTCTGGCAT-3'	5'-CGGACATCTAAGGGCATCACAG-3'	FAM-5'-TGGCTGAACGCCACTTGTCCCTCTAA-3'-TEMRA
5.	TNF- $\alpha$	5'-CATCTTCTCAAAATTCGAGTGACAA-3'	5'-TGGGAGTAGACAAGGTACAACCC-3'	FAM-5'-CACGTCGTAGCAAAACCACCAAGTGA-3'-TEMRA
6.	Pax2	5'-CGGCGCTGGCGAATC-3'	5'-CGGGAGATGCATGACTTGTC-3'	FAM-5'-AGAGTGGTGGAAATCTA-3'-TEMRA
7.	TGF- $\beta$ 1	5'-CACTGGAGTTGTACGGCAGTGC-3'	5'-AGAGCAGTGAGCGCTGAATC-3'	FAM-5'-TGAACCAAGGAGACCGGAATACAGGC-TEMRA
8.	MAPK1	5'-CCACAGTAGGCCTAGCTCGA-3'	5'-TGCCTGACACAATACTTCTGG-3'	FAM-5'-AATCAAAAGCTCCATCCCGGAACACC-TEMRA
9.	Jagged1	5'-ACACACACTCAGCCCTCTGAGGAC-3'	5'-GGGTTTTTGTATCTGGTTCAGCT-3'	FAM-5'-ACACCAACAACGTCGCGGA-3'-TEMRA
10.	SLC4a2	5'-CGGGTTATGCCCTCCACT-3'	5'-GGCCAAATCTAGCCCTTCTC-3'	FAM-5'-TTGCCCTGAAGCCCGAAGCGA-3'-TEMRA
11.	Ksp-Cadherin	5'-ATGCCACGAACTGTCAGC-3'	5'-TGCCTGAACACAAAGATGAGAATG-3'	FAM-5'-CTATCCGCTGCCAGGTCGCCAAGA-3'-TEMRA

GAPDH: Glyceraldehyde 3-phosphate dehydrogenase, CD90: Cluster of Differentiation 90, CD44: Cluster of Differentiation 44, 18S rRNA: 18S ribosomal RNA, TNF- $\alpha$ : Tumor necrosis factor alpha, Pax2: Paired box gene 2, TGF- $\beta$ 1: Transforming growth factor beta 1, MAPK1: Mitogen-activated protein kinase 1, Jagged 1: Jagged 1, SLC4a2: Solute carrier family 4 member 2, Ksp-Cadherin: Kidney-specific protein.