Table 1. PCR primers

Primer	Base sequence	Fragment length, bp	OAT, °C
Human 1α hydroxylase sense	CCTGAACAACGTAGTCTGCG	620	58
Human 1α hydroxylase antisense	CAGCTGTGATCTCTGAGTGG		
Human NBC-1 sense	GCCCAGTAACCTTGGGGAGA	94	56
Human NBC-1 antisense	GCAGAAGTGAAAATACTGTGG		
Human Kir6.1 sense	TGGCTGCTCTTCGCTATCAT	447	64
Human Kir6.1 antisense	TTTCTTGACCACCTGGATGC		
Human SUR2 sennse	ACATTGCCTACTTATTTCTCTC	685	60
Human SUR2 antisense	AGAGATTTGACCATATTCTTCA		
Human AQP-1 sense	CTTGGACACCTCCTGGCTATTGAC	625	58
Human AQP-1 antisense	AGCAGGTGGGTCCCTTTCTTTCAC		
Human PTH sense	GATGCAGATGACGTCATGAC	482	56
Human PTH antisense	CAGGCGGTCAAACACCTCCCG		
Human GLEPP-1 sense	TCACTGTGGAGATGATTTCAGAGG	74	58
Human GLEPP-1 antisense	CGTCAGCATAGTTGATCCGGA		
Human nephrin sense	CAACTGGGAGAGACTGGGAGAA	188	58
Human nephrin antisense	AATCTGACAACAAGACGGAGCA		
Human podocin sense	AAGAGTAATTATATTCCGACTGGGACAT	149	58
Human podocin antisense	TGGTCACGATCTCATGAAAAGG		
Human β-microgloblin sense	CAGGTTTACTCACGTCATCCAGC	235	*
Human β-microgloblin antisense	TCACATGGTTCACACGGCAGG		
Rat GDPDH sense	CATCAACGACCCCTTCATT	197	*
Rat GDPDH antisense	ACTCCACGACATACTCAGCAC		

*For human MG and rat GDPDH, two step amplification (1min at 94°C and 1 min at 66°C, 43 cycles) were applied. PCR conditions were as follows: 10 min at 95°C for 45 s at 94°C, 1 min at the optimal annealing temperature (OAT) and 1 min at 72°C, 36 cycles; 10 min at 72°C.