

Supplementary data

Target gene (genotyping)	Forward	Reverse
Klotho-LoxP	TTG TCA ATA TGT AAA TAA TTT GAG CAG TAG GG	GTT GTT GAA AGA GGG AGC TAG TGG TAG TTA
KSP-cre	AGG TTC GTG CAC TCA TGG A	TCG ACC AGT TTA GTT ACC C
Target gene (real time qPCR)	Forward	Reverse
β -actin	CCG TAA AGA CCT CTA TGC CAA CAC	GAG CCA CCG ATC CAC ACA GA
CaSR	CTG TTT TGA GTG TGT GGA GTG T	TCA TCC GGG CAC TTG TCA
Cyp24A1	TGG GCT CTA GCG AAG ACA AT	GGT ACC AGG ATG CCA AGA TG
Cyp27B1	CCC AAG ATA CGC TAG TCT CCC TA	TGG GTC AAG ATC TGG GAC AAA G
FGFR1	AAC CTC TAA CCG CAG AAC	GAG ACT CCA CTT CCA CAG
Klotho	TGT ATG TGA CAG CCA ATG GAA TCG	GAA TAC GCA AAG TAG CCA CAA AGG
Npt2a	GCT GTC CTC TAC CTG CTC GTG TG	GCG TGC CCA CTC CGA CCA TAG
Npt2c	CGT GCG GAC TGT TAT CAA TG	TAC TGG GCA GTC AGG TTT CC
TRPV5	GCC TCG CTC TGG TAT CTG TGG	TCT GCT CCT GGT GGT GTT CAA C
VDR	ACA GGG AGC TAT TCT CCA AGG	TTC AGA TCC ATC GTG GAA AAG

Table 1. Sequences of the primers used for genotyping and real time qPCR.