

Table S4. Primer sequences for the amplification of ovine *PITX3* and *PAX2* cDNA.

	<i>PITX3</i> cDNA position		Localization within ovine <i>PITX3</i>	Forward primer sequence (5'-3')	Reverse primer sequence (5'-3')	PCR product size (bp)
	Start	End				
5' RACE outer primer	534		exon 4		GTTGACCGAGTTGAAGGCGAAC	
5' RACE inner primer		183	exon 3		CTTTTCTTCAGCGAGCCGTCTT	
RT-PCR	-203	233 after Stop	exon 1 / 3'UTR	CCTGCTTGCCTTCCAGACTGC	ACTGGTCCCTATTCTGGCCTTAGT	1345/1225
	<i>PAX2</i> cDNA position		Localization within ovine <i>PAX2</i>	Forward primer sequence (5'-3')	Reverse primer sequence (5'-3')	PCR product size (bp)
	Start	End				
RT-PCR	-88	30 after Stop	5'UTR / 3'UTR	CCCTCCCTTTTCTCCTCAAG	GCCTGAAGCTTGATGTGGTC	1303