

Supplemental Table S1: Differences in testicular size, echotexture parameters (evaluated by ultrasound video-analysis and ECOTEXT® software) and testicular artery blood flow (assessed by Color-Doppler flow imaging) between left and right testicles in Rasa Aragonesa rams. Results are shown as mean \pm SEM of n=96. Different letters indicate $P < 0.05$.

	Left testis	Right testis
Testicular size		
Testicular width (cm)	7.11 \pm 0.07	7.17 \pm 0.06
Testicular length (cm)	10.69 \pm 0.14 ^a	10.51 \pm 0.14 ^b
ECOTEXT® parameters		
Ec1 (black pixels)	20.38 \pm 2.18	18.43 \pm 1.9
Ec2 (white pixels)	165.27 \pm 16.55	184.23 \pm 20.63
Ec3 (grey pixels)	101.61 \pm 0.84	102.09 \pm 0.95
TD (density of tubules/cm ³)	151.63 \pm 1.53 ^a	147.04 \pm 1.78 ^b
LA (lumen area, %)	8.31 \pm 0.26	8.07 \pm 0.24
LD (lumen diameter, μ m)	100.87 \pm 1.33	101.49 \pm 1.32
Doppler parameters		
Frequency (bpm)	91.44 \pm 1.77 ^a	94.08 \pm 1.8 ^b
RI (Resistive index)	0.55 \pm 0.01	0.56 \pm 0.02
PI (Pulsatility index)	0.86 \pm 0.03	0.88 \pm 0.04