Supplementary Table S1. Statistical analysis of morphometric, MAGE-A4- positive germ cells and TUNEL measurements in fresh and cryopreserved rabbit testicular tissue

analysis	Group	mean ± SEM (fresh) (A)	mean ± SEM (thawed) (B)	Mean difference (B-A)	95% CI of the difference	effect size (R squared)	p-value
DIAMETERS	PREPUBERTAL						
		140.7 ± 5.7	126.9 ± 4.4	-13.8 ± 3.5	-28.72 to 1.121	0.888	0.058
	POSTPUBERTAL						
		165.7 ± 4.1	156.4 ± 5.7	-9.3 ± 9.2	-49.25 to 30.60	0.335	0.421
MAGE-A4 positive cells/tubule area ratio	PREPUBERTAL						
		7.5e-04 ± 4.7e-05	7.7e-04 ± 3.6e-05	2.8e-05 ± 7.0e-05	-2.754e-04 to 3.302e-04	0.070	0.735
	POSTPUBERTAL						
		5.7e-04 ± 3.6e-05	5.6e-04 ± 3.8e-05	-9.0e-06 ± 5.2e-05	-1.545e-04 to 1.365e-04	0.007	0.879
MAGE-A4 positive cells per tubule	PREPUBERTAL						
		38.0 ± 5.5	34.0 ± 6.6	-4.0 ± 2.3	-13.90 to 5.904	0.602	0.224
	POSTPUBERTAL						
		43.8 ± 2.1	42.3 ± 2.1	-1.4 ± 3.3	-15.55 to 12.72	0.085	0.708
%MAGE-A4 area / tubule total area ratio	PREPUBERTAL						
		7.8e-05 ± 5.5e-06	7.5e-05 ± 1.8e-06	-2.3e-06 ± 6.4e-06	-2.970e-05 to 2.503e-05	0.063	0.749
	POSTPUBERTAL						
		5.9e-05 ± 1.8e-05	6.2e-05 ± 1.6e-05	3.3e-05 ± 1.0e-05	-4.021e-05 to 4.686e-05	0.051	0.774
TUNEL - positive cells / tubule	PREPUBERTAL						
		1.3 ± 0.1	1.6 ± 0.1	0.3 ± 0.2	-0.4504 to 0.9838	0.5614	0.251
	POSTPUBERTAL						
		0.5 ± 0.3	1.1 ± 0.2	0.6 ± 0.2	-0.1504 to 1.284	0.8525	0.077