

Appendix A. Table A3. Genotypes and alleles' frequency of litter size markers.

Molecular marker (Genotype)	Observed			Expected			Chi square, χ^2		
	Male	Female	Both	Male	Female	Both	p-value 0.2000	p-value 0.1000	p-value 0.0500
A. Prolactin receptor (PRLR)									
AA	0.529 4	0.5600	0.552 2	0.584 8	0.5929	0.5908			
AB	0.470 6	0.4200	0.432 8	0.359 9	0.3542	0.3556			
BB	0.000 0	0.0200	0.014 9	0.055 4	0.0529	0.0535			
A	0.764 7	0.7700	0.768 7						
B	0.235 3	0.2300	0.231 3						
B. Estrogen receptor (ESR)									
AA	0.529 4	0.4000	0.432 8	0.457 6	0.3969	0.4119	0.1000	0.9000	0.3000
AB	0.294 1	0.4600	0.417 9	0.437 7	0.4662	0.4598			
BB	0.176 5	0.1400	0.149 3	0.104 7	0.1369	0.1283			
A	0.676 5	0.6300	0.641 8						
B	0.323 5	0.3700	0.358 2						
C. Leukemia inhibitory factor (LIF)									
AA	0.647 1	0.6400	0.641 8	0.678 2	0.6724	0.6739	0.3000	0.1000	0.0500
AB	0.352 9	0.3600	0.358 2	0.290 7	0.2952	0.2941			
BB	0.000 0	0.0000	0.000 0	0.031 1	0.0324	0.0321			
A	0.823 5	0.8200	0.820 9						
B	0.176 5	0.1800	0.179 1						

Favorable genotypes and alleles are marked with bold.