

S1 Table. Difference between *LEPR* (rs709596309 C>T) genotypes and additive and dominant effects for investigated traits. Mean of the estimated marginal posterior distribution of the difference between *LEPR*-TT and *LEPR*-CC genotypes with respect to the *LEPR*-CT genotype (TT-CT and CC-TT, respectively) and additive (a) and dominant (d) values for the *LEPR*-T allele (in parentheses, the probability of each value being greater than zero) for direct and maternal effects.

Trait	Genotype difference		Genetic effects	
	TT – CT	CC – CT	a	d
Direct effects				
Carcass weight, kg	3.0 (1.00)	0.2 (0.57)	1.9 (1.00)	-1.9 (0.01)
Backfat thickness, mm	6.0 (1.00)	-1.8 (0.04)	4.6 (1.00)	-4.1 (0.00)
Loin thickness, mm	-3.6 (0.00)	1.2 (0.87)	-2.8 (0.00)	2.4 (1.00)
Weight at weaning, g	-180 (0.00)	20 (0.59)	-110 (0.00)	100 (0.96)
No. of piglets born alive	-0.2 (0.23)	-0.1 (0.40)	-0.1 (0.31)	0.1 (0.73)
No. of piglets at weaning	-0.1 (0.26)	0.1 (0.66)	-0.1 (0.18)	0.02 (0.60)
Age at first parity, days	5.8 (0.99)	1.6 (0.71)	2.5 (0.94)	-4.1 (0.02)
Milk fat, %	-0.2 (0.33)	0.2 (0.62)	-0.2 (0.28)	0.1 (0.56)
Plasma triglycerides, µg/ml	53.3 (0.95)	-0.9 (0.49)	3.0 (0.94)	-3.2 (0.14)
Plasma free fatty acids, µg/ml	-53.6 (0.00)	-12.8 (0.11)	-13.0 (0.02)	21.2 (0.98)
Maternal effects				
Carcass weight, kg	-2.3 (0.04)	1.6 (0.85)	-2.0 (0.01)	0.8 (0.78)
Backfat thickness, mm	-0.8 (0.18)	-0.9 (0.20)	-0.1 (0.44)	0.5 (0.74)
Loin thickness, mm	1.0 (0.88)	0.6 (0.70)	0.4 (0.72)	-0.6 (0.21)