Table S1. Characteristics of the bulls participating in the experiment

		DGAT1			LEP			SCD1		
		CC (n=26)	CT (n=15)	TT (n=24)	CC (n=16)	CT (n=31)	TT (n=18)	AA (n=30)	VA (n=14)	VV (n=21)
Meat characteristics [%]										
Collagen	LSM	1.11^{A}	0.89^{A,B}	1.26^{B}	1.09	1.12	1.08	1.14^{a}	1.10^{b}	0.93^{a,b}
	SEM	0.025	0.017	0.032	0.046	0.032	0.060	0.028	0.033	0.209
Fat	LSM	3.95^{A,B}	4.25^{A,C}	5.41^{B,C}	4.35^{a,b}	3.99^{a,c}	4.00^{b,c}	3.89^{A,B}	4.35^{A,C}	3.08^{B,C}
	SEM	0.186	0.370	0.204	0.158	0.113	0.175	0.239	0.270	0.409
Moisture	LSM	70.99	69.88	70.22	70.65	70.97	70.82	71.14	70.53	71.83
	SEM	0.162	0.227	0.613	0.128	0.197	0.163	0.179	0.236	0.142
Protein	LSM	23.21	23.72	22.87	23.06	23.31	23.12	25.18^{A,B}	23.19^{A}	23.67^{B}
	SEM	0.073	0.307	0.185	0.167	0.088	0.121	0.113	0.092	0.186
Salt	LSM	0.96^{A,b}	0.76^{A,C}	0.81^{b,C}	0.94	0.92	0.97	1.07^{A,B}	0.87^{A,C}	0.64^{B,C}
	SEM	0.064	0.150	0.213	0.059	0.071	0.097	0.103	0.069	0.178
Carcass weight [kg]	LSM	365.15^{A,B}	338.83^{A,C}	370.26^{B,C}	358.78^{A,B}	367.92^{A,C}	361.92^{B,C}	372.30^{A,B}	358.92^{A,C}	365.28^{B,C}
	SEM	2.387	2.916	3.214	2.454	2.035	2.747	2.251	2.655	3.074

LSM-last square means; SEM-standard error; LEP-leptin, DGAT1-diacylglycerol O-acyltransferase; SCD1-Stearoyl-CoA desaturase; values with the same letters in the row differ significantly: upper case at $p \leq 0.01$; small case at $p \leq 0.05$.

Table S2. Ingredients and chemical composition of transition and finishing rations fed in the finishing stage.

Item	Ration	
Ingredient composition, % as-fed	1	2
Grass silage	77.9	55.8
Rapeseed meal	3.3	8.0
Distillers grains	9.5	21.2
Grain mix (triticale and barley (50:50)	8.6	14.3
Minerals	0.7	0.7
Chemical composition:		
DM, %	58.1	75.1
CP, %	13.5	16.6
Fat, %	3.0	4.7
NEm, Mcal/kg DM	1.6	2.2
NEg, Mcal/kg DM	1.1	1.5

Rations 1 = step-up diets fed for 7 d; ration 2 = finishing diet.