

Table S1.Sample collection information

	<b>A1(intact)</b>	<b>B1(castration)</b>	<b>A4(intact)</b>	<b>B4(castration)</b>	<b>A7(intact)</b>	<b>B7(castration)</b>
Live weight (Kg)	150	140.5	166.5	154	134	112
carcass weight (Kg)	112.6	107.9	128.2	119.2	100	85.7
First back fat thick (mm)	37.76	44.90	34.66	48.73	39.63	47.25
Finally back fat thick (mm)	12.04	30.040	16.79	25.25	9.43	25.01
Finally lumbar backfat thickness (mm)	8.99	22.98	9.93	22.38	9.41	19.03
leaf fat (Kg)	0.494	1.528	0.742	1.114	0.338	0.828