

Table S2. Descriptive unadjusted statistics for the traits.

Traits	N	Mean	SD	Min	Max	S-W
Carcass Traits						
Carcass wieght (kg)	540	87.37	9.13	64.00	111.00	0.99
Loin eye area (cm ²)	511	38.22	5.54	21.00	57.00	0.99
Backfat thickness (mm)	542	21.95	5.13	9.00	35.00	0.99
Belly Traits						
Belly weight (kg)	529	7.05	1.00	4.50	9.50	0.98
Volume of total belly (cm ³)	535	5954.81	688.54	4126.53	7781.64	0.99
Volume of total belly muscle (cm ³)	543	2758.04	381.16	1709.88	4162.86	1.00
Volume of total belly fat (cm ³)	524	3107.01	597.80	1552.51	4654.30	0.99
Total muslce ratio (%)	543	46.50	6.54	29.88	68.69	0.99
Total Fat ratio (%)	543	53.50	6.54	31.31	70.12	0.99
Belly musle component in Section7						
CTM (cm ²)	532	14.96	2.62	8.92	24.02	0.99
RAM (cm ²)	540	7.07	1.55	2.62	11.36	0.99
EAM (cm ²)	526	10.87	2.17	5.19	16.64	0.99
Meat quality						
pH45	511	6.13	0.28	5.31	6.94	0.99
Lightness	536	46.34	2.75	37.78	53.26	1.00
Drip loss (%)	513	2.69	1.38	0.34	6.38	0.95