Supplementary Table 1. Loads of Factor 1 resulting from principal component analysis.

Trait	Factor1 value
Feed consumption	-0.12528
Feed intake	0.28949
Feed conversion ratio	-0.04865
final fattening weight	0.16092
weight gain	0.50268
weight gain	0.45897
carcass weight	-0.07507
inner length	-0.43484
Backfat (neck)	0.76061
Backfat (middle region)	0.80740
Backfat (lumbar)	0.84564
Backfat (average)	**0.90472**
Fat area	0.92747
Fat area (corrected)	**0.91968**
Loin eye area	-0.62808
Loin eye area (corrected)	**-0.68396**
Meat to fat ratio	**0.96392**
Lean meat content[1]	**-0.91065**
Belly meat content[2]	-0.94234
Lean mean content[3]	-0.98457
Back fat (FOM)	0.92737
Muscle thickness (FOM)	-0.23481
Intramuscular fat content	0.41890
pH1 (cutlet)	-0.05898
pH2 (cutlet)	0.05123
pH1 (ham)	0.01299
pH2 (ham)	0.05451
Electrical conductivity 1[4]	-0.23710
Electrical conductivity 2[4]	0.07569
Meat color	-0.05827
Back fat depth (B)	0.95452
Back fat depth (D)	0.85211

[1]Fat-o-meater,
[2](meat content in the belly, formula by Gruber),
[3]according to "Bonn" Formula,
[4]cutlet