

## Supplementary Table S1

Ingredients and gross chemical composition of the growing diet.

	Growing diet <sup>1</sup>
Ingredients (%)	
Barley	34,00
Oats	10,00
Wheat	39,48
Mixed fat	0,80
Soybean extract	9,78
Dried beet pulp	2,00
L-Lysin-HCl	0,47
DL_methionin	0,06
L-Threonin	0,12
L-Valine	0,15
DCP	0,79
Lime, carbonic acid	1,23
Sodium chloride	0,41
Pellan <sup>2</sup>	0,30
ALP-S 467 Mast	0,40
Natuphos 5000 G <sup>3</sup>	0,01

<sup>1</sup> Growing diet was formulated based on the energy and nutrient requirements of pigs with a BW of 40 kg.

<sup>2</sup> Pellet binding aid: Pellan, Mikro-Technik, Bürgstadt, Germany.

<sup>3</sup> Phytase; 500 units of aspergillus niger phytase/kg diet; 1 phytase unit corresponds to the amount of enzyme that releases 1  $\mu\text{mol}$  P from 5 mM phytate/min at pH 5.5 and 37°C.

	Growing diet <sup>1</sup>
Gross chemical composition	
analysed (g/kg as fed)	
Dry matter	898.48
Ash	52.20
Crude protein	153.18
Fat	30.42
Raw fibre	40.03
Digestible energy (MJ/kg)	13.70
Lysine	9.91

Methionine	2.78
Threonine	6.12
Tryptophan	1.78
Ca	8.06
P	5.20
Na	1.66
Cu (mg/kg)	6.32
Zn (mg/kg)	27.36

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