

**Table S2.** Analyzed nutrient composition of the experimental diets fed to offspring during starter, grower and fattener periods.

<b>Diets</b>		<b>Starter diets</b>			<b>Grower diets</b>			<b>Fattener diets</b>		
		<b>(day 14-28)</b>			<b>(day 29-62)</b>			<b>(day 63-120)</b>		
<b>Item</b>	<b>Unit</b>	<b>L<sub>st</sub></b>	<b>M<sub>st</sub></b>	<b>H<sub>st</sub></b>	<b>L<sub>gr</sub></b>	<b>M<sub>gr</sub></b>	<b>H<sub>gr</sub></b>	<b>L<sub>fat</sub></b>	<b>M<sub>fat</sub></b>	<b>H<sub>fat</sub></b>
DM	g/kg	936	95	935	904	904	887	880	881	883
Crude ash	g/kg	76.9	75.2	81.3	64.3	67.0	62.6	38.9	40.3	44.6
Crude protein	g/kg	218	220	215	188	185	179	178	179	175
Crude fat	g/kg	128	126	125	54.4	55.7	52.6	28.8	30.3	31.2
Crude fibre	g/kg	17.6	26.8	21.4	48.1	42.8	36.1	34.9	40.0	38.7
Starch	g/kg	174	150	156	373	375	378	434	428	432
ME (pig)	MJ/kg	16.0	15.7	15.7	13.5	13.7	13.6	13.5	13.4	13.4
Calcium	g/kg	9.60	8.61	8.99	10.60	10.02	9.59	6.50	6.40	6.70
Phosphorus	g/kg	6.63	7.88	9.11	5.65	6.84	7.95	4.12	5.50	6.96
Ca:P ratio		1.45	1.09	0.99	1.88	1.46	1.21	1.58	1.16	0.96

st – starter diet; gr – grower diet; fat – fattener diet