

Table S1 Ingredients and chemical, amino acid and fatty acid composition of experimental diets

	NPD	RPD
Ingredients (% feed)		
Corn	55.0	55.0
Soybean meal	19.0	10.7
Barley	10.0	15.9
Wheat	6.92	10.0
Sunflower meal	5.27	4.79
Soybean oil	0.95	0.94
Calcium carbonate	0.89	0.89
Bicalcium phosphate	0.49	0.58
Salt	0.40	0.40
Vitamin-trace mineral premix	0.40	0.40
Mould inhibitor mixture	0.10	0.10
Fermentation products	0.10	0.10
Phytase mixture	0.10	0.10
Acid mixture	0.05	0.05
Antioxidant mixture	0.01	0.01
L-Lys	0.25	0.07
L-Thr	0.04	-
DL-Met	0.02	-
Chemical composition (% feed)		
Dry matter	88.5	88.5
Crude protein	16.1	13.1
Starch	45.0	49.3
Crude fat	3.17	3.35
Crude fibre	4.20	3.93
Ash	4.21	3.85
Ca	0.77	0.61
P	0.42	0.40
Amino acid composition (% feed)		
Ala	0.39	0.36
Arg	0.53	0.39
Asp	0.68	0.43
Glu	1.17	0.89
Gly	0.32	0.37
His	0.23	0.15
Ile	0.26	0.17
Leu	0.64	0.56
Lys	0.51	0.35
Met	0.04	0.01
Phe	0.33	0.23
Pro	0.65	0.61
Ser	0.36	0.32
Thr	0.22	0.14
Tyr	0.24	0.15
Val	0.26	0.18
Fatty acid composition (% total fatty acids)		
16:0	20.4	16.1
18:0	4.52	3.27
18:1c9	32.4	28.5
18:1c11	1.21	1.03
18:2n-6	39.4	48.3
18:3n-3	2.04	2.75

NPD, normal protein diet; RPD, reduced protein diet; ME, metabolisable energy.