

**Table S1. Ingredient and nutrient levels of the diet**

Item	1-28d	29-300d
Ingredient %		
Corn	64.0	61.5
Soybean meal (Crude protein, 44%)	27.0	13.6
Fish meal (Crude protein, 56%)	3.0	3.0
Alfalfa meal (Crude protein, 16%)	2.0	16.0
Soybean oil	0.0	2.0
Dicalcium phosphate	1.8	1.9
Limestone	0.9	0.8
Salt	0.3	0.2
Premix <sup>1</sup>	1.0	1.0
Nutrient levels <sup>2</sup>		
Metabolic energy, KJ/kg	11.20	10.85
Crude protein, %	19.86	15.75
Ca, %	0.80	0.80
Total phosphorus, %	0.42	0.37
Crude fiber, %	4.85	6.00
Lys, %	0.90	0.65
Met, %	0.40	0.33
Sulphur-amino acid, %	0.79	0.56
Trp, %	0.17	0.13
Thr, %	0.80	0.80
Na, %	0.30	0.30
Cl, %	0.25	0.25

Note: <sup>1</sup> Vitamin and mineral premix supplied kilogram diet: vitamin A, 20,000 IU; vitamin D3, 4,500 IU; vitamin E, 300 IU; vitamin K3, 20 mg; vitamin B1, 10 mg; vitamin B2, 120 mg; vitamin B6, 20 mg; vitamin B12, 0.2 mg; nicotinic acid, 600 mg; pantothenic acid, 180 mg; folic acid, 10 mg; folate, 10 mg; biotin, 0.8 mg; choline, 7 g; Fe, 1.2 g; Cu, 0.2 g; Mn, 1.9 g; Zn, 1.8 g; I, 10 mg, Se, 6 mg.

<sup>2</sup> Analyzed values.