

**Table S1.** Composition and nutrient levels of basal diets (air-dry basis, %).

Items	Contents	
	1 to 21 days of age	22 to 42 days of age
Ingredients		
Corn	52.5	54
Soybean meal	25	17
Extruded soybean	4.5	3.5
DDGS	8.5	7.5
Rice bran		6
Corn gluten		2
Soybean oil	1.7	4.6
Limestone	1.4	1.4
Fermented soybean meal	2.4	
Premix <sup>1</sup>	4	4
Total	100.00	100.00
Nutrient levels		
CP	22.02	19.11
ME (MJ/kg)	12.23	12.91
EE	5.5	8.6
Lys	1.18	0.97
Met	0.54	0.45
Met+Cys	0.88	0.74
Thr	0.86	0.71
Try	0.23	0.20
Ca	0.82	0.73
TP	0.65	0.57

<sup>1</sup> The premix provided the following per kg of diets: V<sub>A</sub> 10 000 IU, V<sub>B1</sub> 2.2 mg, V<sub>B2</sub> 8.0 mg, V<sub>B5</sub> 40 mg, V<sub>B6</sub> 4.0 mg, V<sub>B12</sub> 0.013 mg, V<sub>D3</sub> 3 000 IU, V<sub>E</sub> 30 IU, V<sub>K3</sub> 1.3 mg, biotin 0.04 mg, folic acid 40 mg, D-pantothenate calcium 10 mg, nicotinic acid 40 mg, choline chloride 400 mg, Cu 7.5 mg, Fe 80 mg, Mn 110 mg, Zn 65 mg, I 1.1 mg, Se 0.3 mg.

**Table S2.** Primer sequences for real-time PCR assay.

Gene <sup>1</sup>	Genbank id	Primer sequence, sense/antisense	Product size, bp
<i>β-actin</i>	NM_205518.1	TGCTGTGTTCCCATCTATCG TTGGTGACAATACCGTGTTCA	150
<i>TLR2</i>	AB046533	CATTCACCATGAGGCAGGGATAG GGTGCAGATCAAGGACACTAGGA	157
<i>TLR4</i>	NM_001030693.1	TGACCTACCCATCGGACACT CTCAGGGCATCAAGGTCTCC	171
<i>MyD88</i>	NM_001030962.4	GATGATCCGTATGGGCATGGA ATGGACCACACACACGTTCC	170
<i>NF-κB</i>	XM_015285418.2	TGCCTTTTGCTTGAGGGTGATG CTGCCAGTTTTGTGAAGCCC	100
<i>IL-4</i>	NM_001007079.2	AGCACTGCCACAAGAACCT GCTAGTTGGTGGAAGAAGGTAC	160
<i>IL-1β</i>	NM_204524.1	GTACCGAGTACAACCCCTGC AGCAACGGGACGGTAATGAA	112
<i>TNF-α</i>	NM204267.1	CCGTAGTGCTGTTCTATGACCG GTTCCACATCTTTCAGAGCATCAA	235
<i>MUC-2</i>	XM_001234581.3	AGGAATGGGCTGCAAGAGAC GTGACATCAGGGCACACAGA	77
<i>Occludin</i>	NM_205128.1	AGCCCTCAATACCAGGATGTG CGCTTGATGTGGAAGAGCTTG	125
<i>Claudin-1</i>	NM_001013611.2	CACACCCGTTAACACCAGATTT GAGGGGGGCATTTTTGGGGTA	159
<i>ZO-1</i>	XM_015278980.2	GGATGTTTATTTGGGCGGCT CCATTGTTGCACTCTTGCCG	153

<sup>1</sup> TLR2, 4=toll-like receptors 2, 4; MyD88=myeloid differentiation factor 88; NF-κB=nuclear factor-kappa B; IL-4= interleukin-4; IL-1β=interleukin-1β; TNF-α=tumor necrosis factor-α; MUC-2=mucoprotein 2; ZO-1=zonula occludens-1.