

Table S1. Composition and nutrient levels of the basal diet (air-dry-basis)

Ingredients	%
Suckling corn	28.98
Expanded corn	15.00
Broken rice	15.00
Expanded soybean	13.00
Dried whey	8.00
Soybean meal 46%	4.50
Glucose	4.00
Fish meal	3.00
Hydrolyzed Wheat Protein	3.00
Soybean oil	1.50
Calcium Formate	0.80
Montmorillonite	0.50
Calcium phosphate monobasic	0.50
Lysine	0.65
Thr	0.24
Met	0.16
Trp	0.07
Antioxidant	0.10
Premix*	1.00
Nutrient levels	
NE, Mcal/kg	2.62
Crude protein	17.39
Calcium	0.69
Phosphorus	0.54
Lysine	1.23
Methionine	0.57
Threonine	0.90
Cystine	0.26

*The premix provides per kg of diets: vitamin A: 18 000 IU; vitamin D₃: 4 500 IU; vitamin E: 22.5 mg; vitamin K₃: 4.5 mg; vitamin B₁: 4.32 mg; vitamin B₂: 12 mg; vitamin B₆: 4.86 mg; vitamin B₁₂: 30 µg; Biotin: 480 µg; Folic acid: 1.764 mg; Calcium Pantothenate: 33.12 mg; Nicotinamide: 41.58 mg; Cu: 20 mg; Fe: 140 mg; Zn: 140 mg; Mn: 40 mg; Se: 0.3 mg; I: 0.5 mg.

Table S2. Primers for qRT-PCR analysis

Genes	Accession No.	Primer sequences
<i>Occludin</i>	NM_001163647.2	F: CAGGTGCACCCTCCAGATTG R: TATGTCGTTGCTGGGTGCAT
<i>Claudin-1</i>	NM_001243483.1	F: TTCCTCAATACAGGAGGGAAGC R: CCCTCTCCCCACATTCGAG
<i>ZO-1</i>	XM_003480423.4	F: CTCCAGGCCCTTACCTTTTCG R: GGGGTAGGGGTCCTTCCTAT
<i>IL-1β</i>	NM_001302388.1	F: AGGGACCCTACCCTCTC R: CTTCTCCACTGCCACGATGA
<i>IL-6</i>	NM_214399.1	F: TGAGGCAAAGGGAAAGA R: GCGCAGGATGAGAATGA
<i>IL-10</i>	NM_214041.1	F: TCGGCCAGTGAAGAGTTTC R: GGAGTTCACGTGCTCCTTGA
<i>TNF-α</i>	NM_214022.1	F: TAAGGGCTGCCTTGGTTCAG R: AGAGGTTACGCGATGTAGCG
<i>TLR4</i>	NM_001113039.2	F: AAGGTTATTGTCGTGGTGT R: CTGCTGAGAAGGCGATAC
<i>NF-κB</i>	NM_001114281.1	F: AGTACCCTGAGGCTATAACTCGC R: TCCGCAATGGAGGAGAAGTC
<i>HO-1</i>	NM_001004027.1	F: GTTTGAGGAGGTGCAGGAG R: GGTTGTCACGGGAGTGG
<i>NQO1</i>	NM_001159613.1	F: CAGCATTGGGCACACTC R: GGCGCAAAGTACAGTGG
<i>SOD1</i>	NM_001190422.1	F: GCCAAAGGATCAAGAGAGG R: GAGAGGGCGATCACAGAA
<i>CAT</i>	NM_214301.2	F: GCTGAGTCCGAAGTCGTCTA R: GTCAGGATATCAGGTTTCTGCG
<i>GPX1</i>	NM_214201.1	F: AACGGTGCGGGACTACA R: TCGGACGTACTIONTGAGGCA
<i>GPX2</i>	NM_001115136.1	F: CAACACATTCCGAGGCA R: GAAGCCAAGAACCACCAG
<i>Bax</i>	XM_013998624.2	F: GACGCTGGACTTCCTTCGAG R: GTGGCCCGAGAGAGGTTTATT
<i>Bcl-2</i>	XM_021099593.1	F: GCTACTTACTGCCAAAGGGA R: TTCAGGCGGAGCTGTAAGAG
<i>Fas</i>	XM_021072073.1	F: TGATGCCCAAGTGACTGACC R: GCAGAATTGACCCTCACGAT
<i>Caspase3</i>	NM_214131.1	F: GGAATGGCATGTTCGATCTGGT R: ACTGTCCGTCTCAATCCCAC
<i>Caspase9</i>	XM_003127618.4	F: AATGCCGATTTGGCTTACGT R: CATTGCTTGGCAGTCAGGTT
<i>β-actin</i>	XM_001928093.1	F: GCGTAGCATTGCTGCATGA R: GCGTGTGTGTAAGTGGGGT
<i>GAPDH</i>	NM_001206359.1	F: CGTGTCGGTTGTGGATCTGA R: TGACGAAGTGGTCGTTGAGG