

Table S1. Components of the qPCR reaction.		
Reaction components	Amount per 20 μL of reaction (μL)	Final concentration
2X Forget-Me-Not Master Mix	10	1X
<i>invA</i> primer mix	2	0.5 μ m
DNA template	5	X
High ROX marker	0.5 μ L (optional)	–
dH ₂ O	3	–

Table S2. COBB 500 Feed components and proximate composition of starter (0–8 days) diets		
Ingredients (%)	Control	Experimental group
Ground corn	52.99	52.88
Soybean meal	36.3	36.23
Calcium carbonate	1.52	1.52
Monocalcium phosphate	1.07	1.07
Sodium chloride	0.31	0.31
Crude (vegetal) Fat	7.4	7.39
Antimycotic	0.10	0.10
Mycotoxin Sequestrant	0.05	0.05
Antioxidant	0.02	0.02
Phytase	0.01	0.01
¹ Vitamin and mineral premix	0.23	0.23
Microalgae-derived protein	-	0.08
Microalgae-derived fat	-	0.01
Microalgae-derived crude ash	-	0.05
Microalgae-derived carbohydrate, fiber, rest of biomass	-	0.06
Nutrient specifications		
² ME Kcal/kg diet	2975	3025
Digestible Lysine (%)	1.22	1.12
Digestible Methionine + Cysteine (%)	0.91	0.85
Digestible Methionine (%)	0.46	0.45
Digestible Threonine (%)	0.83	0.73
Digestible Valine (%)	0.89	0.85
Digestible Isoleucine (%)	0.77	0.72
Digestible Arginine (%)	1.28	1.18
Digestible Tryptophan (%)	0.20	0.18
Crude protein (%)	21.50	20.00
Ca (%)	0.90	0.84
Available P (%)	0.45	0.42
Na (%)	0.23	0.16
Cl (%)	0.22	0.19
K (%)	0.95	0.72
Choline (mg/kg)	500	400
Linoleic acid (%)	1.00	1.00
¹ Vitamin premix incorporated in each kg of basal diets: Vitamin A 10,000 IU; vitamin D3 5000 IU; vitamin E 80 IU; vitamin K 3 mg; vitamin B1 3 mg; vitamin B2 9 mg; vitamin B6 4 mg; vitamin B12 0.02 mg; Biotin 0.15 mg; Pantothenic acid 15 mg; Folic acid 2 mg. Mineral premix incorporated in each kg of basal diets: Mn, 100 mg; Zn, 100 mg; Fe, 40 mg; Cu, 15 mg; I, 1 mg, Se, 0.35 mg. ² ME, metabolizable energy.		