

Supplementary Materials: Efficient Expression of Xylanase by Codon Optimization and Its Effects on the Growth Performance and Carcass Characteristics of Broiler

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Supplementary Table 1. Ingredient and composition of basal diets (g/kg).

	Starter diet (1–21 d)	Grower diet (22–42 d)
Dietary ingredients (g/kg)		
Ground yellow maize	514.1	566.5
Maize starch	10.0	10.0
Soybean meal	386.5	341.0
Fish meal	35.0	20.0
Soybean oil	30.0	35.0
Dicalcium phosphate	9.5	11.0
Ground limestone	9.0	10.5
Iodized salt	3.0	3.0
DL-Methionine	0.9	1.0
Micronutrients ^a	2.0	2.0
Composition calculated (g/kg)		
AME (MJ/kg)	11.35	12.46
Lysine	12.5	11.4
Methionine	4.8	4.3
Methionine + cystine	8.4	7.6
Non-phytate phosphorus	4.2	3.7
Analyzed (g/kg)		
Crude protein	231.2	204.7
Calcium ^c	10.3	8.8

^a Provided per kilogram of diet: vitamin A (as all-*trans* retinol acetate), 10,000 IU; cholecalciferol, 2600 IU; vitamin B₆, 3.0 mg; vitamin B₁₂, 0.014 mg; thiamin (as thiamin mononitrate), 1.6 mg; vitamin E (as all-*rac*- α -tocopherol acetate), 20 IU; vitamin K (as menadione sodium bisulfate), 2.0 mg; riboflavin, 6.0 mg; calcium pantothenate, 20 mg; niacin, 30 mg; folic acid, 0.8 mg; biotin, 0.12 mg; choline (as choline chloride), 500 mg; iron (from iron sulfate), 80 mg; iodine (from potassium iodide), 0.35 mg; selenium (from sodium selenite), 0.15 mg; zinc (from zinc sulfate), 40 mg; copper (from copper sulfate), 8 mg.