

Supplementary Table S1. The composition and nutrient levels of the basal diet.

Feed ingredient	Nutrient levels	Content (%)
Corn	Crude protein	12.5
Wheat	Crude fiber	≤8.0
Soybean meal	Crude ash	≤8.0
Soybean oil	Calcium	0.4-1.2
Wheat flour	Total phosphorus	≥0.35
Stone powder	Chloride	0.3-1.0
Calcium hydrogen phosphate	Moisture	≤14.0
Sodium chloride	Lysine	0.6
Amino acids		
Vitamins (A, D, and E)		
Phytase		