

The table below shows the relevant data from the manuscript.

Table. 1 Dietary composition and basal diet nutrient content (%DM basis).

Ingredients (%)	Content
Corn stalk	16.00
Corn	38.00
Soybean meal	10.50
Cypress rapeseed	2.10
Sunflower seed shell	14.00
Distillers dried grains with solubles	7.00
Sodium chloride	0.35
Sodium bicarbonate	0.50
Limestone	0.70
NH ₄ Cl	0.35
Premix	2.10
Total	100.00
Nutrient levels (%)	Content
Dry matter	88.60
Crude protein	15.80
Neutral detergent fiber	29.42
Acid detergent fiber	15.46
Calcium	0.93
Phosphorus	0.41

Table. 2 List of Abbreviations

ATP	Adenosine triphosphate
CAT	Catalase
CYC	Compound yeast culture
ELISA	Enzyme-Linked Immunosorbent Assay
Gln	Glutamine
GSH-Px	Glutathione peroxidase
IMP	Inosine monophosphate
MDA	Malondialdehyde
PCA	Principal component analysis
PLS-DA	Partial least squares-discriminant analysis
ROS	Reactive oxygen species
SOD	Superoxide dismutase
T-AOC	Total Antioxidant Capacity
TCA	Tricarboxylic acid
UMP	Uridine monophosphate
VIP	Variable importance in projeciton