

Supplementary Data

Table S1: Composition and nutrient content of basal diets (%)

Item	Starter phase (d 1 to 21)	Grower phase (d 22 to 42)
Ingredients (%)		
Corn	60	65
Soybean meal	30	23.5
Fish meal	2	3.5
Soybean oil	3	4
Mineral and vitamin premix ¹	5	5
Calculated analysis ²		
ME, kcal/kg	3000	3100
CP (%)	21.5	20
Calcium (%)	1	0.9
Available phosphorus (%)	0.45	0.4
Methionine (%)	0.44	0.4

¹5% Mineral and vitamin premix provided the followings per kilogram of diet: crude protein, 167g; methionine, 37g; lysine, 16g; vitamin A, 10000 IU; vitamin D₃, 2000 IU; vitamin E, 15 mg; vitamin K, 63.8 mg; thiamine, 1.96 mg; riboflavin, 5.76 mg; pyridoxine, 3.92 mg; vitamin B12, 0.02 mg; calcium pantothenate, 11.76 mg; manganese, 10 mg; zinc, 7.52 mg; iron, 8 mg; iodine, 0.04 mg; copper, 0.8 mg; selenium, 0.04 mg; niacin, 39.2 mg; biotin, 0.5 mg and folic acid, 0.98 mg.

²All nutrient levels except ME were analyzed, and values are the means of 2 determinations.

Table S2: The experimental diet details

Group	Supplementation
Control	-
Mon	0.1 % Monensin
CA	0.1% <i>Cynanchum atratum</i>
RPA	0.1% Radices <i>Paeoniae alba</i>
MAL	0.1% <i>Morus alba</i> L.
AM	0.1% <i>Astragalus membranaceus</i>
EUO	0.1% <i>Eucommia ulmoides</i> Oliver

Table S3: The diversity indices of intestinal bacterial community of different groups

Group	Chao1	ACE	Simpson	Shannon
CA	531.25±64.30	700.36±100.55	0.95±0.01	5.72±0.27
RPA	517.17±14.12	657.21±29.57	0.93±0.01	5.63±0.15
MAL	406.83±32.28	540.04±54.12	0.93±0.01	5.28±0.15
AM	459.50±33.28	579.82±50.58	0.92±0.01	5.32±0.18
EUO	487.50±43.99	670.61±54.82	0.91±0.0	5.23±0.11
MON	524.42±44.04	720.87±66.96	0.92±0.02	5.28±0.25
CT	517.17±35.52	660.93±59.91	0.92±0.02	5.53±0.18
P value	0.2433	0.3139	0.5314	0.4278