

**Table S1.** Experimental diet composition and nutrition level (air-dried basis).

Items	LA	LB	LC
Ingredients			
Corn straw (%)	33.70	36.6	43.40
Corn (%)	33.03	20.93	31.22
Concentrate supplement (%)	13.69	—	—
Commercial fermentation concentrate (%)	—	23.04	—
Vegetable leaf fermentation concentrate (%)	—	—	22.97
Wheat bran (%)	2.94	4.33	1.49
Soybean meal (%)	13.17	14.85	—
Stone powder (%)	0.17	0.08	—
Premix <sup>1)</sup> (%)	2.53	0.17	0.43
NaCl (%)	0.76	—	0.46
Total (%)	100.00	100.00	100.00
Nutrient levels			
DE (MJ/kg)	10.62	10.86	10.83
CP (%)	15.38	15.20	15.91
NDF (%)	2.87	17.96	17.08
ADF (%)	7.79	9.53	10.18
Ca (%)	0.60	0.46	0.62
TP(%)	0.37	0.39	0.49