

Table S1. Ingredient and nutrient composition of the concentrates and king grass
(g/kg, as feed)

Ingredients	content	Nutrition level	concentrates	king grass
Maize	67.0	Dry matter (%) ^b	86.33	12.5
Soy bean meal	18.0	Crude protein (%) ^b	16.63	9.28
Wheat bran	9.8	Crude fat (%) ^b	3.53	3.03
Salt	1.4	Neutral detergent fiber (%) ^b	10.76	66.38
Shell powder	1.4	Acid detergent fiber (%) ^b	4.81	37.47
NaHCO ₃	0.6	Calcium (%) ^b	0.7	0.17
Sodium bicarbonate	0.8	Phosphorus (%) ^b	0.15	0.1
Premix ^a	1.0			
Total	100			

^a The premix provided the following per kilogram of diet: V A 15,000 IU; VD 5,000 IU; V E 50 mg; Fe 9 mg; Cu 12.5 mg; Zn 100 mg; Mn 130 mg; Se 0.3 mg; I 1.5 mg; and Co 0.5 mg.

^b Analyzed values.