

1 **Additional Table S1** Ingredients and composition of experimental diets for dams and  
 2 kids (DM basis)

Item	Dams	Kids
Ingredients (%)		
<i>Miscanthus</i>	50.00	20.00
Maize	33.50	36.00
Wheat bran	-	14.40
Soybean meal	10.33	14.16
Whey power	-	6.40
Fat power	4.00	6.40
Calcium carbonate	0.49	0.24
Calcium hydrophosphate	0.46	0.80
Sodium chloride	0.22	0.40
Premix <sup>†</sup>	1.00	1.20
Composition		
Metabolic energy (MJ/kg)	11.78	15.19
Crude protein (%)	12.05	15.52
Ether extract (%)	8.97	10.46
Neutral detergent fiber (%)	64.44	24.99
Acid detergent fiber (%)	28.32	11.67
Ash (%)	5.89	3.59
Calcium (%)	0.53	0.76

Phosphorus (%)                      0.20    0.32

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3 †Contained per kg of diet: 1.19 g MgSO<sub>4</sub>•H<sub>2</sub>O, 25 mg FeSO<sub>4</sub>•7H<sub>2</sub>O, 8 mg  
4 CuSO<sub>4</sub>•5H<sub>2</sub>O, 30 mg MnSO<sub>4</sub>•H<sub>2</sub>O, 50 mg ZnSO<sub>4</sub>•H<sub>2</sub>O, 0.1 mg Na<sub>2</sub>SeO<sub>3</sub>, 0.4  
5 mg KI, 0.3 mg CoCl<sub>2</sub>•6H<sub>2</sub>O, 950 IU vitamin A, 175 IU vitamin D, and 180 IU  
6 vitamin E. ME was calculated according to [1]. The rest are measured values.

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8 **References**

- 9 1. Zhang HF. Nutrition parameters and feeding standard for animals. 2nd ed.  
10 Beijing: China agriculture press; 2010.