

1 **Supplementary Information for:**

2 **The impact of diet on the composition and relative**
3 **abundance of rumen microbes in goat**

4 Kaizhen Liu, Qin Xu, Lizhi Wang*, Jiwen Wang, Wei Guo, Meili Zhou

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6 Institute of Animal Nutrition, Sichuan Agricultural University, Ya'an, 625014, China

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8 **Table S1a.** The dietary composition and nutrient contents for goats fed at a complete
9 feed (CF) diet (dry matter basis¹⁾)

Ingredients	Content (%)	Nutrient levels of diet (%) ³⁾	
Alfalfa meal	35	Crude protein	11.9
Chinese wildrye	35	Calcium	0.6
Corn	11	Phosphorus	0.3
Soybean meal	5	Neutral Detergent Fiber	38.9
Wheat bran	13	Acid Detergent Fiber	15.4
Premix ²⁾	0.5	Ethanol Extract (%)	5.2
NaCl	0.5		
Total	100		

10 1) Data were computed based on dry matter, the same below.

11 2)premix provides: Fe(as ferrous sulfate)30ppm;Cu(as copper sulfate)10ppm;Zn(as
12 zinc sulfate) 50ppm;Mn(as manganese sulfate) 60ppm;VA2937IU;VD343IU;VE30IU.

13 3) All nutrients are measured values.

18 **Table S1b.** The dietary composition and nutrient contents for goats fed at all forage
19 (AF) diet (dry matter basis).

Ingredients	Content (%)	Nutrient levels of diet (%)	
Chinese wildrye	100	Crude Protein	9.0
Total	100	Calcium	0.95
		Phosphorus	0.3
		Neutral Detergent Fiber	64.3
		Acid Detergent Fiber	44.1
		Ethanol Extract	1.7

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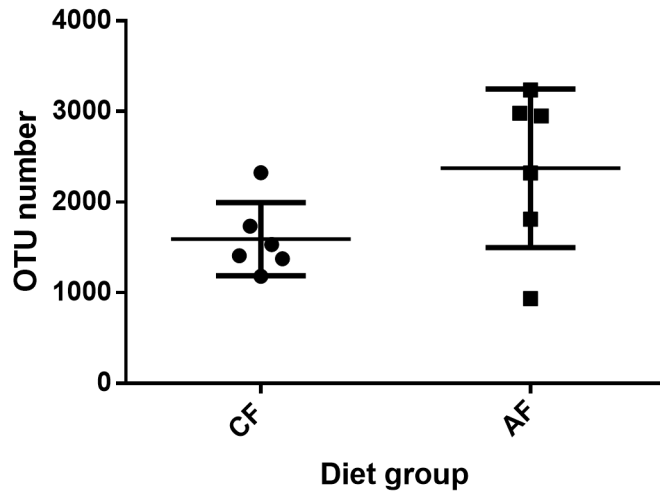
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33 **Fig. S1** The number of OTUs detected in goats fed at a completed feed (CF) or all forage
34 (AF) diet.



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