

1 **Ketotic cows display a different serum nonesterified fatty acid**  
2 **composition**

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4 Lei Liu, Taiyu Shen, Wei Yang, Hongjiang Yu, Sansi Gao, Baoyin Huang and  
5 Chuang Xu

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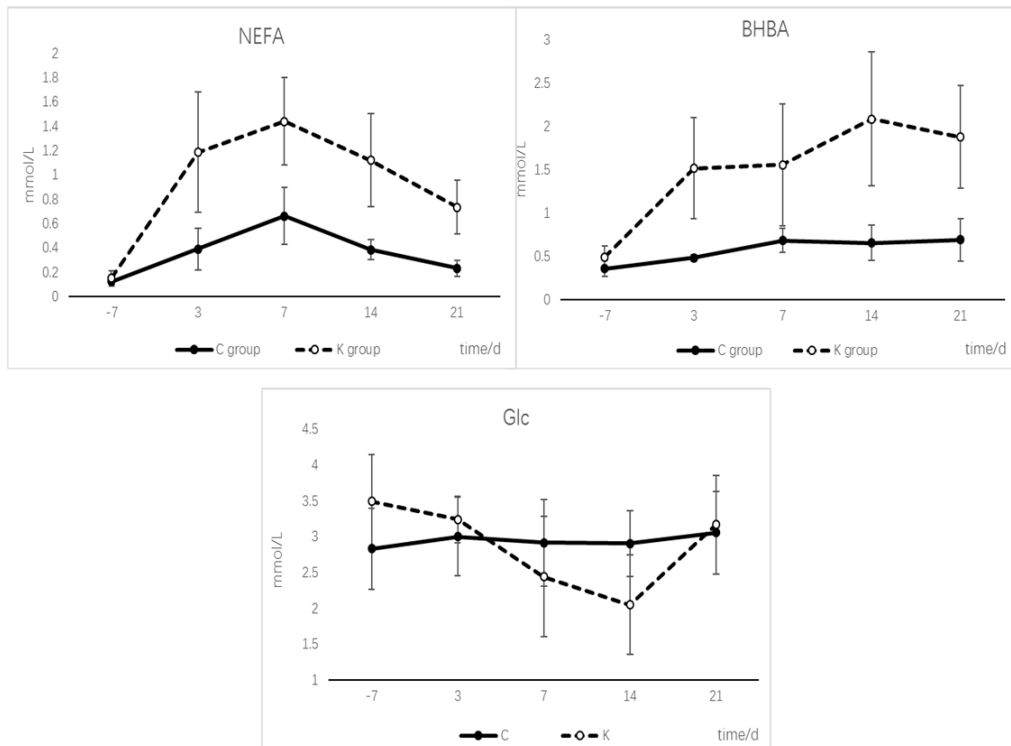
7 SUPPLEMENTARY FILE

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9 Supplementary Table 1 Dietary composition of dairy cows

Items	Dry-off period (%)	Lactation period (%)
Crude protein	> 17	> 21.5
Crude fiber	< 12	< 12
Crude ash	< 10	< 12
Calcium	0.7-1.8	1.0-2.5
Phosphorus	> 0.5	> 0.5
Sodium chloride	0.5-1.5	0.4-1.5
Lysine	0.45	> 0.6
Water	< 14	< 14

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12 Supplementary Figure 1 Serum NEFA, BHBA and Glc levels in cows. Serum NEFA,

13 BHBA and Glc levels were monitored from -7 d to 21 d postpartum (n=6). Serum Glc

14 (kits from Biosino Bio-technology and Science INC, Beijing, China), BHBA (kits from

15 Beijing Jiuqiang Biotechnology Company, Beijing, China), and NEFA (kits from

16 Sekisui Medical Technology, Beijing, China) were measured by following instructions

17 of commercial kits. \*\* indicates a significant difference compared to controls

18 (P<0.01); \* indicates a significant difference (P<0.05).

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