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CORRECTION

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Correction: Dietary supplementation with pterostilbene activates the PI3K-AKT-mTOR signalling pathway to alleviate progressive oxidative stress and promote placental nutrient transport

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Following publication of the original article [1], the authors reported errors in the legend of Fig. 7 and the *P* value of Fig. 8G (0.66 should be corrected to 0.066).

The originally published legend of Fig. 7 was:

Effect of PTE on milk composition, antioxidant capacity, inflammatory factors and immunoglobulins. **A** Colostrum composition. **B** Colostrum antioxidant capacity. **C** Colostrum inflammatory factor levels. **D** Colostrum immunoglobulin levels. **E** Milk composition. **F** Milk antioxidant capacity. **G** Milk inflammatory factor levels. **H** Milk immunoglobulin levels. CON: control group; PTE: Pterostilbene group. Data are expressed as mean ± SD ($n=6$ for each group). $^{*}P<0.05$, compared to the control group.

The corrected legend of Fig. 7 should read:

Effect of PTE on milk composition, antioxidant capacity, inflammatory factors and immunoglobulins. **A** Colostrum composition. **B** Colostrum antioxidant capacity. **C** Colostrum inflammatory factor levels and colostrum immunoglobulin levels. **D** Milk composition. **E** Milk antioxidant capacity. **F** Milk inflammatory factor levels and milk immunoglobulin levels. CON: Control group; PTE: Pterostilbene group. Data are expressed as mean ± SD ($n=6$ for each group). $^{*}P<0.05$, compared to the control group.

The original article can be found online at https://doi.org/10.1186/s40104-024-01090-9.

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The originally published Fig. 8 was:

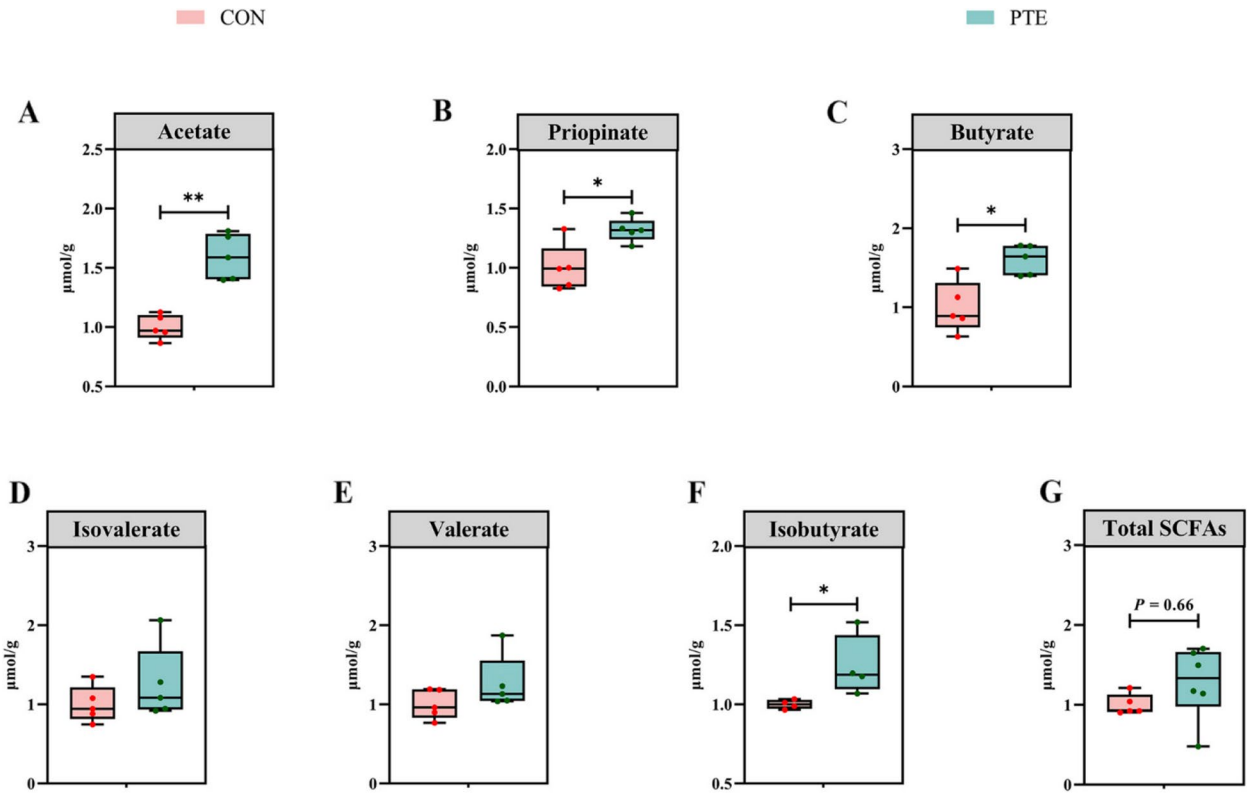

Fig. 8 Effect of PTE on fecal SCFAs in sows (**A**–**G**). CON: control group; PTE: Pterostilbene group. Data are expressed as mean ± SD ($n = 6$ for each group). $^{*}P < 0.05$, compared to the control group

The corrected Fig. 8 should read:

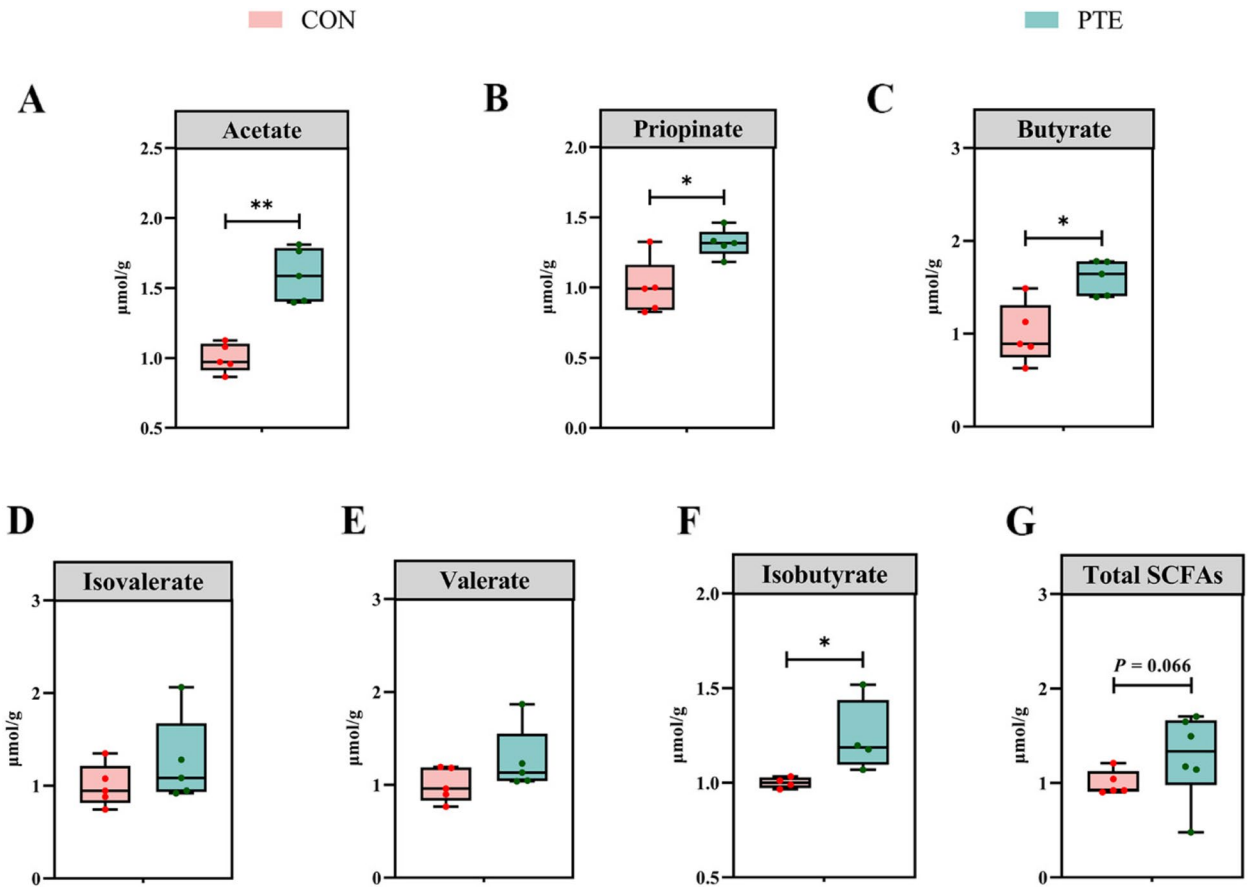

Fig. 8 Effect of PTE on fecal SCFAs in sows (**A**–**G**). CON: control group; PTE: Pterostilbene group. Data are expressed as mean ± SD ($n = 6$ for each group). $^{*}P < 0.05$, compared to the control group

The original article [1] has been updated.

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Reference

1. Cao M, Bai L, Wei H, et al. Dietary supplementation with pterostilbene activates the PI3K-AKT-mTOR signalling pathway to alleviate progressive oxidative stress and promote placental nutrient transport. J Animal Sci Biotechnol. 2024;15:133. https://doi.org/10.1186/s40104-024-01090-9.