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Author Correction: The ratio of 12 α to non-12-hydroxylated bile acids reflects hepatic triacylglycerol accumulation in high-fat diet-fed C57BL/6J mice

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-022-20838-9>, published online 06 October 2022

The original version of this Article contained an error in Figure 1e, where the X-axis label *Cyp27a1* was incorrectly stated as *Cyp27b1*.

The original Figure 1 and accompanying legend appear below.

Additionally, the Supplementary Information Table S2 published with this Article contained an error. Under the subheading

‘12 α -hydroxylated BAs’, ‘Secondary BAs’,

“5 β -cholanic acid-3 α ,12 α -diol-7-one (7-uxo-deoxycholic acid, 7oDCA)”.

now reads:

“5 β -cholanic acid-3 α ,12 α -diol-7-one (7-oxo-deoxycholic acid, 7oDCA)”.

The original Article and accompanying Supplementary Information file have been corrected.

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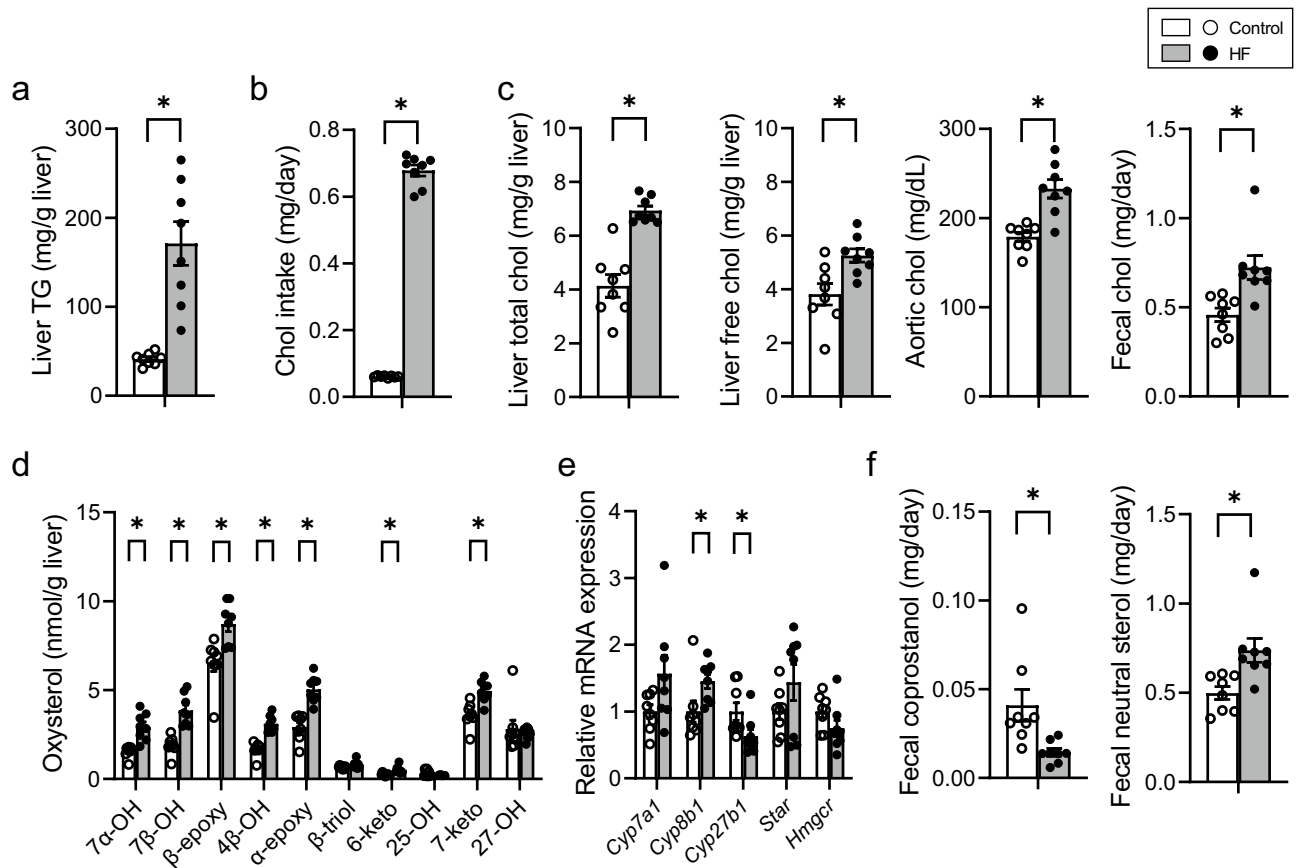


Figure 1. Distribution of chol-related molecules in mice fed control or HF diet. (a) Hepatic TG concentration. (b) Daily chol intake. (c) Chol concentration in the liver, blood, and feces. (d) Concentration of liver oxysterols. (e) mRNA expression of genes involved in chol metabolism. (f) Coprostanol and neutral steroid excretion per day. Open bars, $n = 8$ for control; filled bars, $n = 8$ for HF. Data presented in E was normalized to *Gapdh* mRNA expression. Values are shown as the mean \pm SEM ($n = 8$). Asterisks indicate a significant difference compared with the control ($P < 0.05$).

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