

CORRECTION

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Correction to: TCONS_00230836 silencing restores stearic acid-induced β cell dysfunction through alleviating endoplasmic reticulum stress rather than apoptosis

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Following publication of the original article [1], the authors flagged that an earlier version of the chr 7 had been mistakenly written as chr 10 in Fig. 1A and in the “Upregulation of lncRNA TCONS_00230836 expression in stearic acid-treated β -TC6 cells and islets of mice fed a high-stearic-acid diet” section of the Results.

The original article has been updated and the corrected version of Fig. 1 is provided in this correction.

The authors apologize for any inconvenience caused.

The original article can be found online at <https://doi.org/10.1186/s12263-021-00685-5>.

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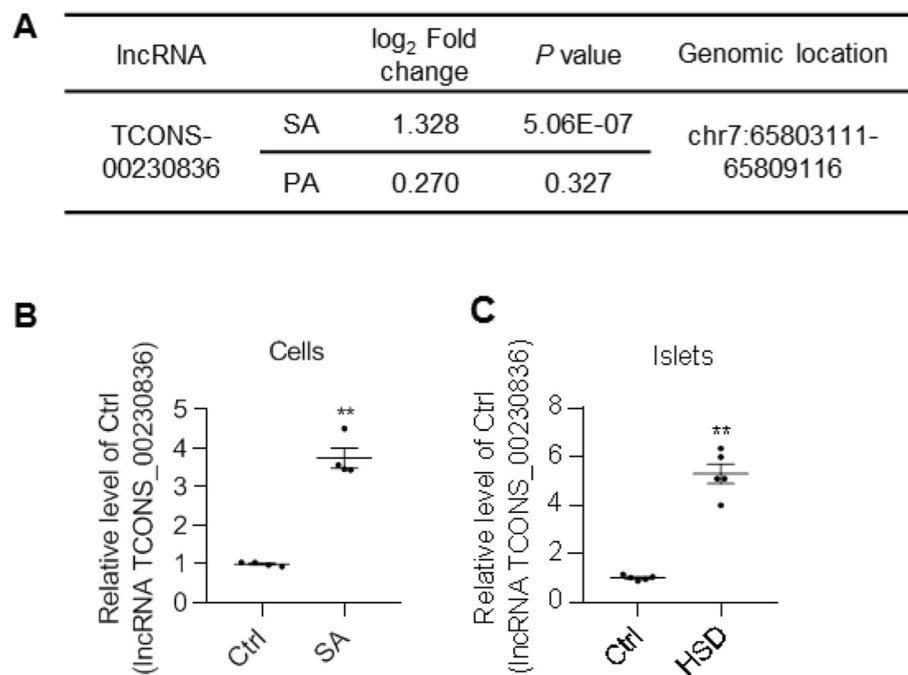


Fig. 1 lncRNA TCONS_00230836 upregulation in stearic acid-treated β -TC6 cells and islets of mice fed a high-stearic-acid diet. **a** The studied lncRNA TCONS_00230836 with fold changes, *p* values, and genomic locations in the presence of stearic acid and palmitic acid by RNA sequencing, respectively. (*n*=3 per group) **b** qRT-PCR results verified that the level of the lncRNA TCONS_00230836 was elevated in stearic acid-treated β -TC6 cells. (*n*=4) **c** The expression of the lncRNA TCONS_00230836 was also increased in the islets (*n*=5) from mice fed a high-stearic-acid diet, as revealed by qRT-PCR. Ctrl control group, SA stearic acid, PA palmitic acid, HSD high-stearic-acid diet. ***p* < 0.01, versus the Ctrl group

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Reference

1. Guo R, Zhang Y, Yu Y, Su S, Zhao Q, Chu X, et al. TCONS_00230836 silencing restores stearic acid-induced β cell dysfunction through alleviating endoplasmic reticulum stress rather than apoptosis. *Genes Nutr.* 2021;16:8 <https://doi.org/10.1186/s12263-021-00685-5>.