

ERRATUM

Wei YB, Melas PA, Wegener G, Mathé AA, Lavebratt C (2015) Antidepressant-Like Effect of Sodium Butyrate is Associated with an Increase in TET1 and in 5-Hydroxymethylation Levels in the *Bdnf* Gene. *Int J Neuropsychopharmacol* 18(2). doi: 10.1093/ijnp/pyu032.

In Volume 18, Issue 2 of *The International Journal of Neuropsychopharmacology*, DOI: 10.1093/ijnp/pyu032, Figure 2 lacks indicators A, B, C, and D referenced in the figure’s caption. The corrected figure is below.

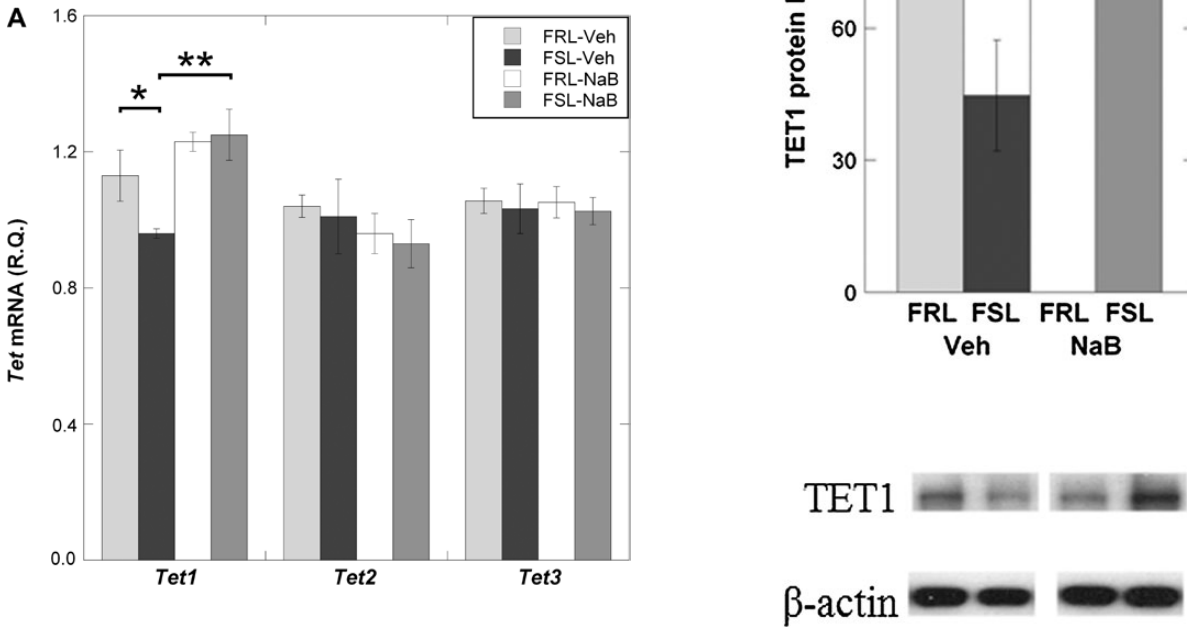
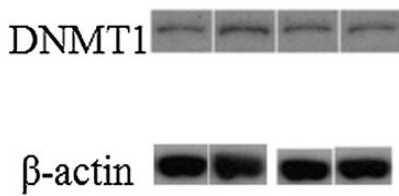
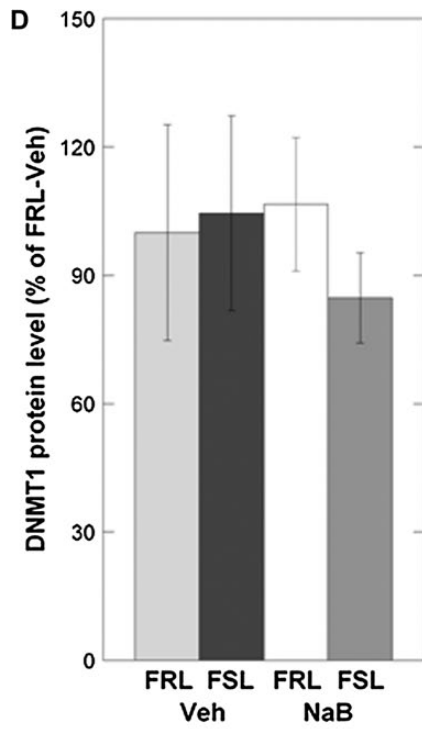
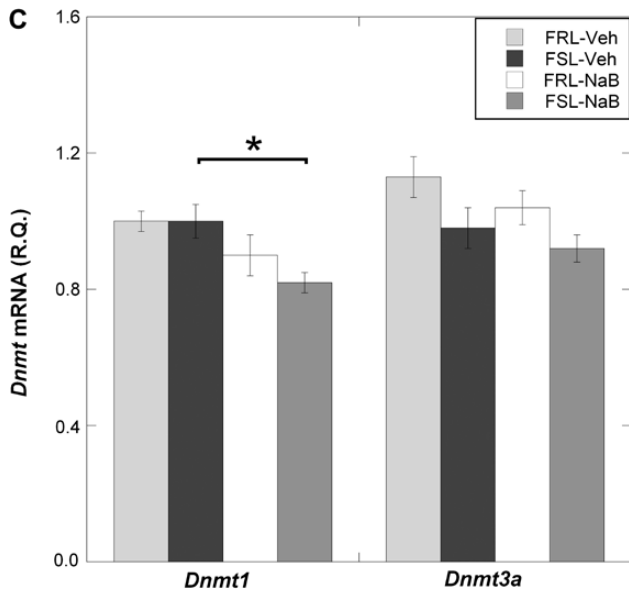


Figure 2. Gene expression levels of *Tet* and *Dnmt* mRNAs were measured in the prefrontal cortex of Veh- and NaB-treated FSL and FRL animals using qRT-PCR. Differences found on the mRNA levels were also tested on the protein levels using the Western blot. (A) Only *Tet1* mRNA was differentially expressed between FRL-Veh and FSL-Veh, with reduced levels in the FSL. NaB treatment significantly increased *Tet1* mRNA expression in the FSL-NaB group. (B) TET1 protein levels were also reduced in FSL-Veh and were “rescued” in the FSL-NaB animals. (C) Even though *Dnmt1* mRNA levels were reduced in the FSL-NaB group, (D) protein measurements of DNMT1 did not reach a statistically significant level of difference. Gene expression data are presented as relative quantifications (R.Q.); two reference genes (*Gapdh* and *Ppia*) were used for normalization. Protein data are presented as % of FRL-Veh. Lower panels in (B) and (D) show representative Western blot images of TET1 and DNMT1 from the same gel, respectively, with β -actin as loading control. Data are presented as group means \pm SEM. For all figures: n = 5–7 animals per group; n = 1 FSL-Veh outlier excluded. For figure 2A: n = 1 FSL-NaB outlier excluded. *p < 0.05, **p < 0.01, ***p < 0.001.

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The author regrets this error.