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ERRATUM

Erratum to: Sphingosine-1-phosphate induces differentiation of cultured renal tubular epithelial cells under Rho kinase activation via the S1P2 receptor

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Figure 5e appeared incorrectly in the article cited above. The correct figure is shown here.

The online version of the original article can be found under doi:10.1007/s10157-014-0933-x.

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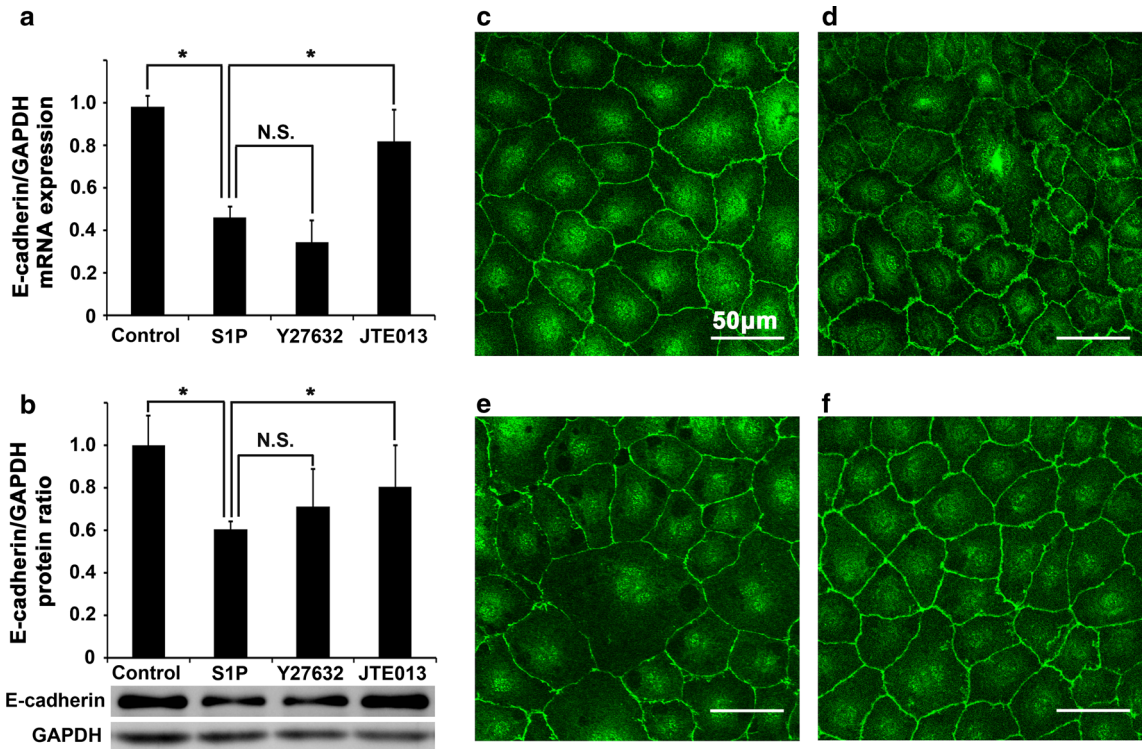

Fig. 5 Effect of Y-27632 and JTE013 on S1P-induced E-cadherin mRNA expression. After starvation in serum-free media for 24 h, NRK52E cells were stimulated with S1P (1 μM) with or without pretreatment for 1 h with Y-27632 (10 μM) or JTE013 (10 μM). **a** After a 4-h stimulation with S1P, RNA was extracted, and E-cadherin mRNA was analyzed by real-time RT-PCR with GAPDH mRNA as the internal standard. **b** Total protein was prepared and subjected to SDS-PAGE and Western blot analysis with antibodies against E-cadherin or GAPDH as the internal standard. The results represent the mean ± SD of four separate experiments. $*P < 0.05$. **c**–**f** Fluorescent immunocytochemistry for E-cadherin. **c** The cells were grown on coverslips to 80 % confluence then treated with BSA, **d**–**f** S1P (1 μM) stimulation for 10 h, **e** Y27632 (10 μM) and **f** JTE013 (10 μM) pretreatment for 1 h before S1P stimulation. Immunofluorescence was performed using mouse monoclonal anti-E-cadherin and Alexa488-labeled goat anti-mouse antibodies. E-cadherin expression in the cells was visualized and photographed by fluorescence microscopy at a ×400 magnification