Erratum to: Effects of Na⁺ and H⁺ on steady-state and presteady-state currents of the human concentrative nucleoside transporter 3 (hCNT3)

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The original version of this article unfortunately contained a mistake. The units of the following figures are mistaken:

Figure 5a, right panel, the units of V_m are mV, not ms.
Figure 5b, in both panels, units of Q_{OFF} are nC, not ms.

Please refer to the next page for the corrected figure.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00424-010-0846-9>.

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Fig. 5 Cation dependence of the presteady-state charge movements of hCNT3. In a single hCNT3-expressing oocyte total currents were recorded in response to step changes in the membrane potential. The holding potential was -50 mV and the voltage pulses (300 ms) ranged from $+50$ mV to -150 mV in 20-mV steps. The oocyte was superfused with NaCl buffer pH 7.5 varying $[\text{Na}^+]$ (0, 5, 10, 50 and 100 mM) or cholineCl buffer varying $[\text{H}^+]$ (0.003, 0.032, 1 and 10 μM). Carrier-mediated transient currents were isolated and charge movements determined as described in the “Experimental procedures” section. **a**

$\tau_{\text{ON}}-V$ curves. Reducing extracellular $[\text{Na}^+]$ or $[\text{H}^+]$ decreased τ_{max} and shifted $V_{\tau_{\text{max}}}$ to more negative values. For clarity, only three concentrations are shown for each cation. Error bars are S.E. of the fit. **b** $Q-V$ curves. Reducing extracellular $[\text{Na}^+]$ or $[\text{H}^+]$ shifted $V_{0.5}$ to more negative values with no decrease in Q_{max} . For clarity, only three concentrations are shown for each cation. **c** $V_{0.5}$ and $V_{\tau_{\text{max}}}$ as a function of external $[\text{Na}^+]$ and $[\text{H}^+]$. Insets show data replotted on a log [cation] scale. In Na^+ , the straight line is obtained by linear regression. In H^+ , data points are joined for visualization only