Corrigendum

New structure and function in plant K⁺ channels: KCO1, an outward rectifier with a steep Ca²⁺ dependency

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The results described in this paper were discussed on the basis of $I_{Kout}$ current activation in two different (i.e. Sf9 and Sf21) insect cell lines infected with KCO1, as well as of several independent measurements on control (i.e. non- or mock-infected) cells. Recently, starting a new series of experiments, we found large outward currents also in Sf21 control cells in the presence of calcium. The observed current amplitudes in non-infected Sf21 cells reached up to 10 nA. To our knowledge, such currents have not been reported for insect cells (Sf9 and Sf21) in the literature. In contrast, experiments repeatedly performed with Sf9 cells confirmed our previous results, that induction of outward currents only occurred in KCO1-infected cells. It is unclear at present whether the background currents that we now detect in Sf21 cells are caused by specific culture and/or stress conditions.