Correction to: Amino acid restriction alters survival mechanisms in pancreatic beta cells: possible role of the PI3K/Akt pathway

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The original version of this article unfortunately contained a mistake. In Fig. 4C and D, the images marked C (control) and CW (control pretreated with Wortmannin) are the same.

The corrected Fig. 4 is given in the following page.

The original article can be found online at <https://doi.org/10.1007/s00394-021-02568-2>.

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Fig. 4 Evaluation of Akt/PI3K pathway in cell viability and redox balance. Cells were submitted to the treatment with Wortmannin during 30 min before the 48 h of amino acid restriction. **a** Protein content of pAkt/Akt in basal situation and **b** after its inhibition by different concentrations of Wortmannin ($n=4-6$). **c-f** Representative images and percentage of apoptotic cells (**g**) costained with Hoechst 33,342 and propidium iodide, pictured and determined by the High Content

Imaging System in ImageXpress Micro Confocal ($n=5$). **h** Superoxide content by DHE probe ($n=7$). **i** H_2O_2 production by Amplex probe ($n=7$). Cw and Rw correspond to C and R pre-treated with Wortmannin. Data are mean $\pm$ SEM and were submitted to Student t test for pAkt/Akt analyses, and to two-way ANOVA for Wortmannin analyses. $*p < 0.05$ effect of amino acid restriction and $\#p < 0.05$ effect of Wortmannin