Perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) acutely affect human $\alpha_1\beta_2\gamma_{2L}$ $GABA_A$ receptor and spontaneous neuronal network function *in vitro*

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Supplemental data

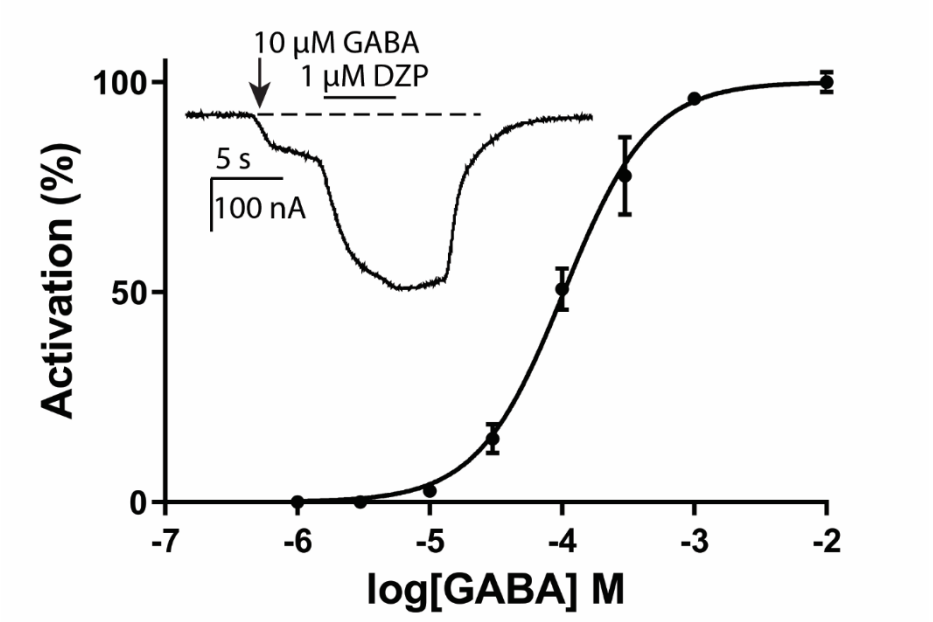

Fig S1 Concentration-effect curve of the GABA-evoked ion current in oocytes expressing the $\alpha_1\beta_2\gamma_{2L}$ subunits forming the $GABA_A$ receptor. Curve is fitted based on mean values (± SD) from 4 – 16 oocytes. Co-exposure of GABA and 1 µM diazepam (DZP) evokes a potentiation confirming the presence of a functional γ_{2L} subunit (insert).

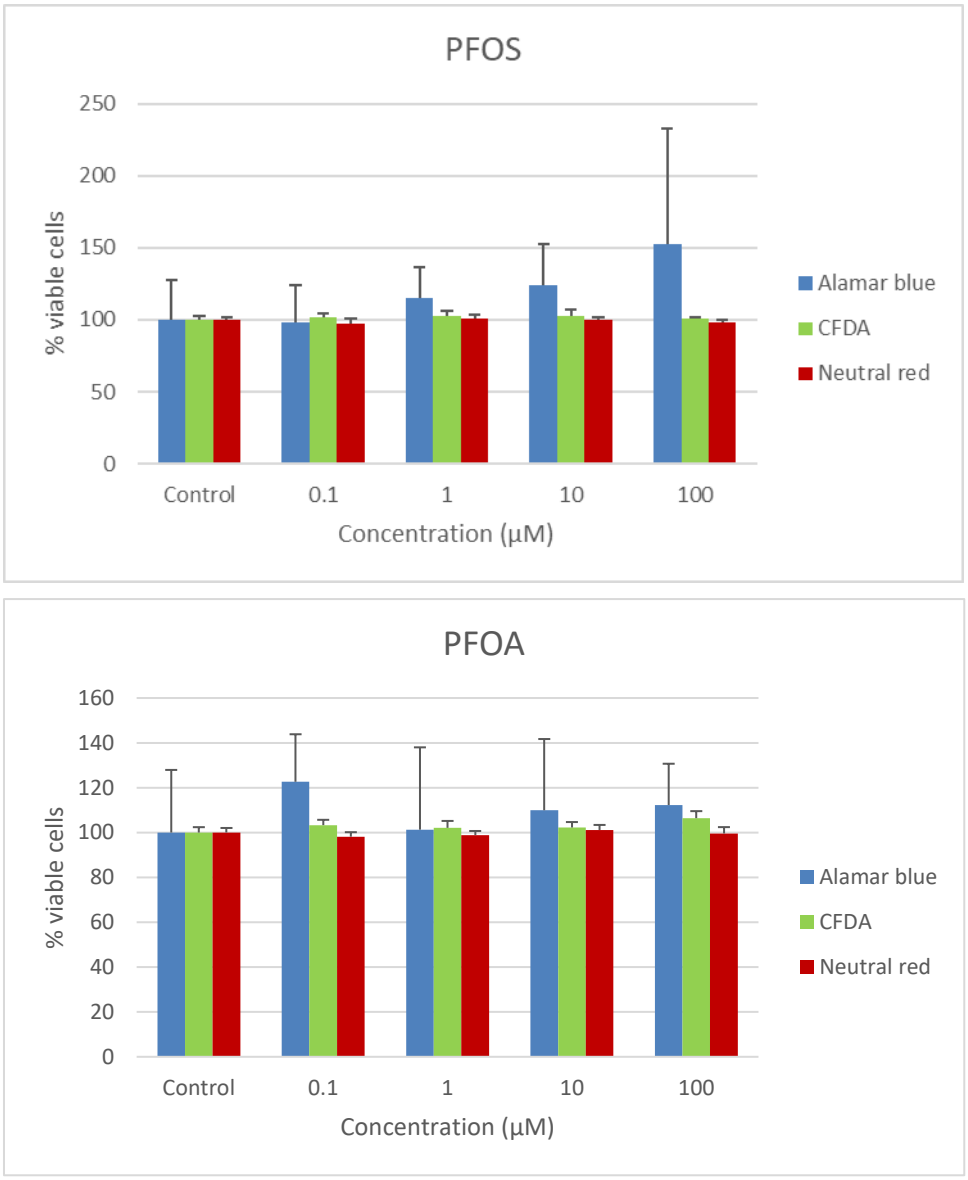

Fig S2 Cytotoxicity data of PFOS (top) and PFOA (bottom) from an alamar blue (blue), CFDA (green) and neutral red (red) assay measured 24 h after a 30 min exposure of rat primary cortical cultures. No cytotoxicity can be observed. n = 6 – 12 wells, N = 2 plates. Data is presented as mean ± SD.