



Supplementary figure 5 Cell cycle and apoptosis of tT_{reg} in *Kcnk18*^{G339R} compared to WT mice. **a** Cell cycle analysis in WT and *Kcnk18*^{G339R} tT_{reg} isolated from thymus. Frequencies of cells in S-(PCNA⁺PI⁻) and G2-(PCNA⁺PI⁺) phases were evaluated by flow cytometry. (n = 6) **b** Frequencies of early (Caspase3/7⁺FVD⁻) and late apoptotic (Caspase3/7⁺FVD⁺) tT_{reg} isolated from WT and *Kcnk18*^{G339R} thymus. (n = 6). **c** Proportion of KI67⁺ tT_{reg} in thymus of WT and *Kcnk18*^{G339R}. (n = 8) **d** tT_{reg} egression rates (emigrated cells/thymic cells) in WT and *Kcnk18*^{G339R} thymus organ cultures after 4 and 7 days. (n = 8). Data are represented as mean ± SEM. * p < 0.05, ** p < 0.01, *** p < 0.001.