

Figure S1. Temporal expression levels of *SIX2* in control and patient cells. Gene expression analysis of *SIX2* at the indicated time points ($n = 4$) in cells derived from CTR and PAX2^{G189R/+} iPSC and differentiated towards podocytes. Data are expressed as mean \pm SD (** $p < 0.0001$).

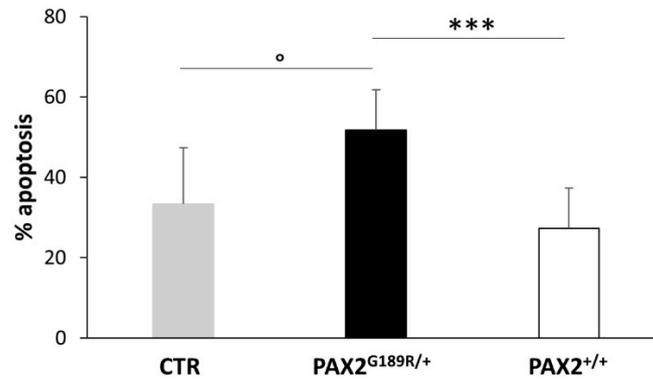


Figure S2. Evaluation of PAN-induced injury. Percentage of apoptosis of CTR, PAX2^{G189R/+} and PAX2^{+/+} podocytes after 24h exposure to PAN. The percentage of apoptosis in each experimental group (CTR, PAX2^{G189R/+} and PAX2^{+/+} podocytes) was calculated as difference of viability between untreated and PAN-treated cells, settling as 100% cell viability of untreated cells. Data are expressed as mean \pm SD ($^{\circ}p = 0.0003$; *** $p < 0.0001$).