

Supplementary Materials

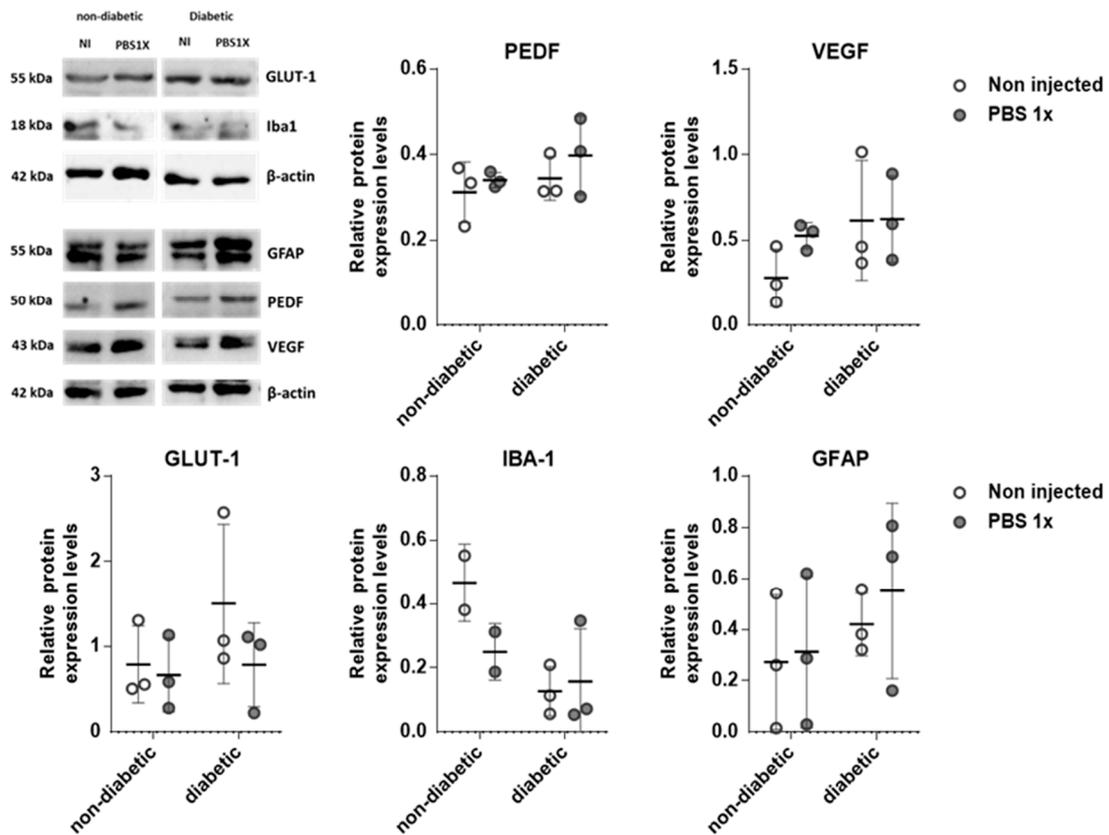


Figure S1 Expression of proteins of interest followed by intraocular injections of vehicle solution (PBS 1x) in diabetic and age-match non-diabetic retinas of animals with 4 month-old. Protein levels were normalized to β -Actin. Data are expressed as mean \pm SD ($n = 2$ to 3 mice/group).

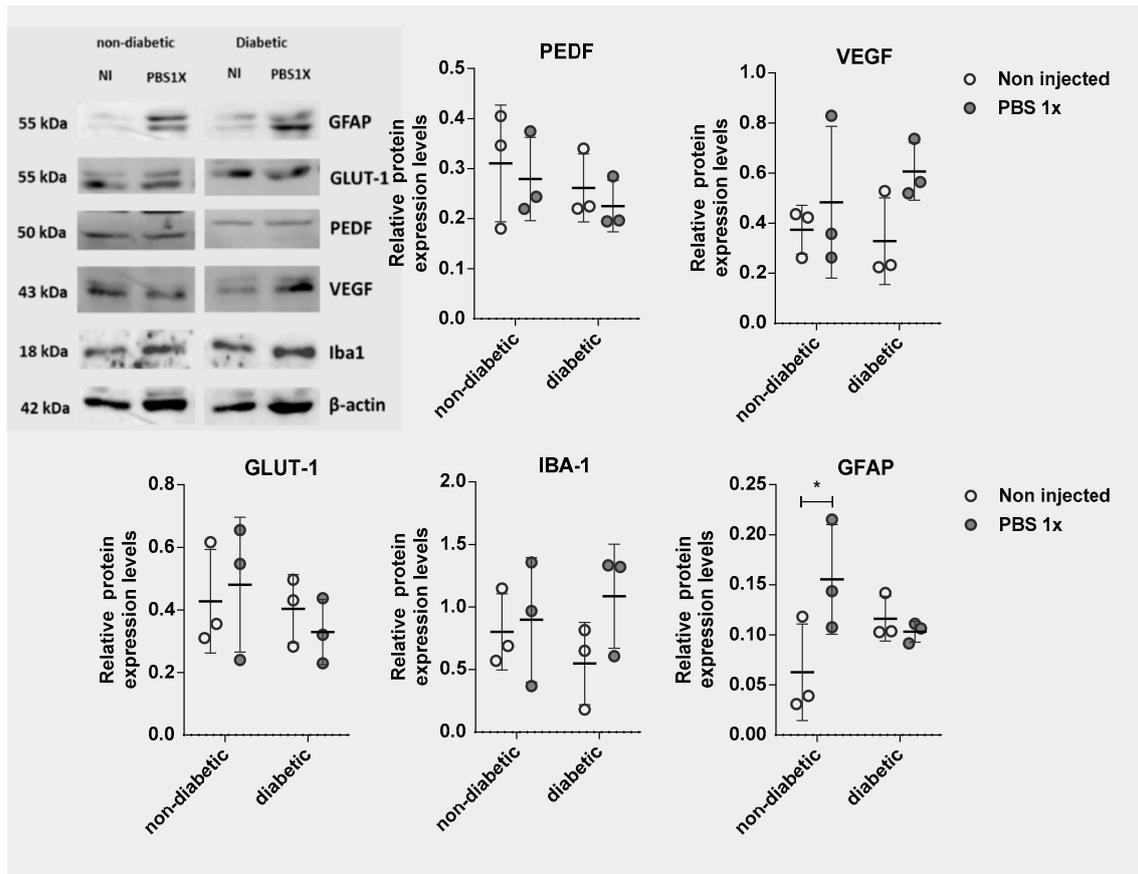


Figure S2 Expression of proteins of interest followed by intraocular injections of vehicle solution (PBS 1x) in diabetic and age-match non-diabetic retinas of animals with 6 month-old. Protein levels were normalized to β -Actin. Data are expressed as mean \pm SD ($n = 2$ to 3 mice/group). * $p < 0.05$ is significantly different compared to contralateral non-injected eye, determined by Two-way ANOVA (age and genotype) with Sidak's multiple comparison test.

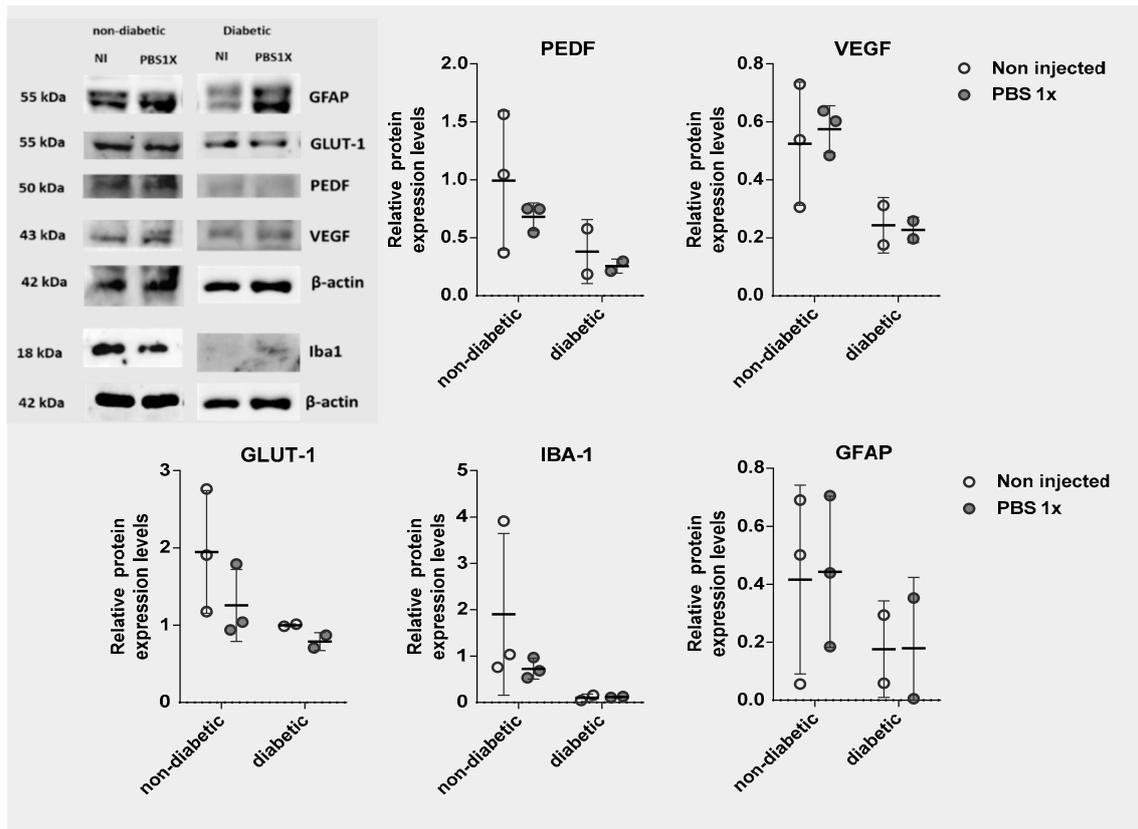


Figure S3. Expression of proteins of interest followed by intraocular injections of vehicle solution (PBS 1x) in diabetic and age-match non-diabetic retinas of animals with 8 month-old. Protein levels were normalized to β -Actin. Data are expressed as mean \pm SD ($n = 2$ to 3 mice/group).

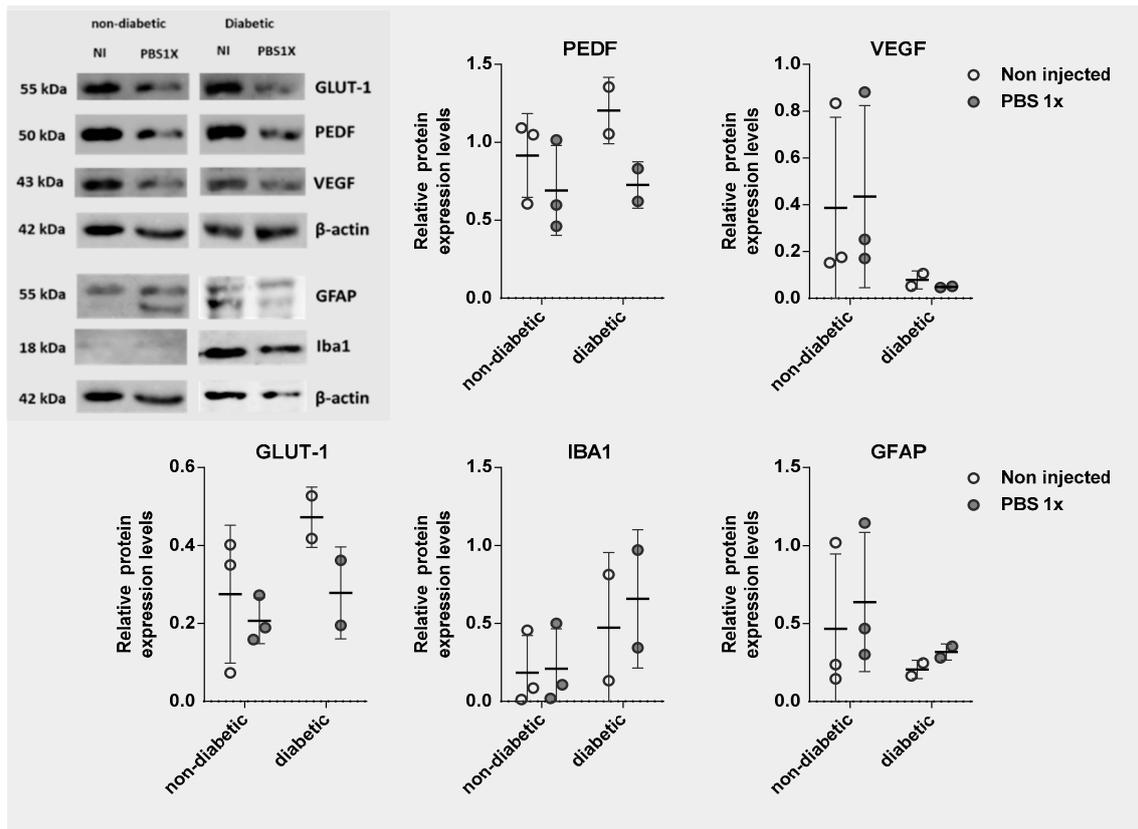


Figure S4. Expression of proteins of interest followed by intraocular injections of vehicle solution (PBS 1x) in diabetic and age-match non-diabetic retinas of animals with 9 month-old. Protein levels were normalized to β -Actin. Data are expressed as mean \pm SD ($n = 2$ to 3 mice/group).

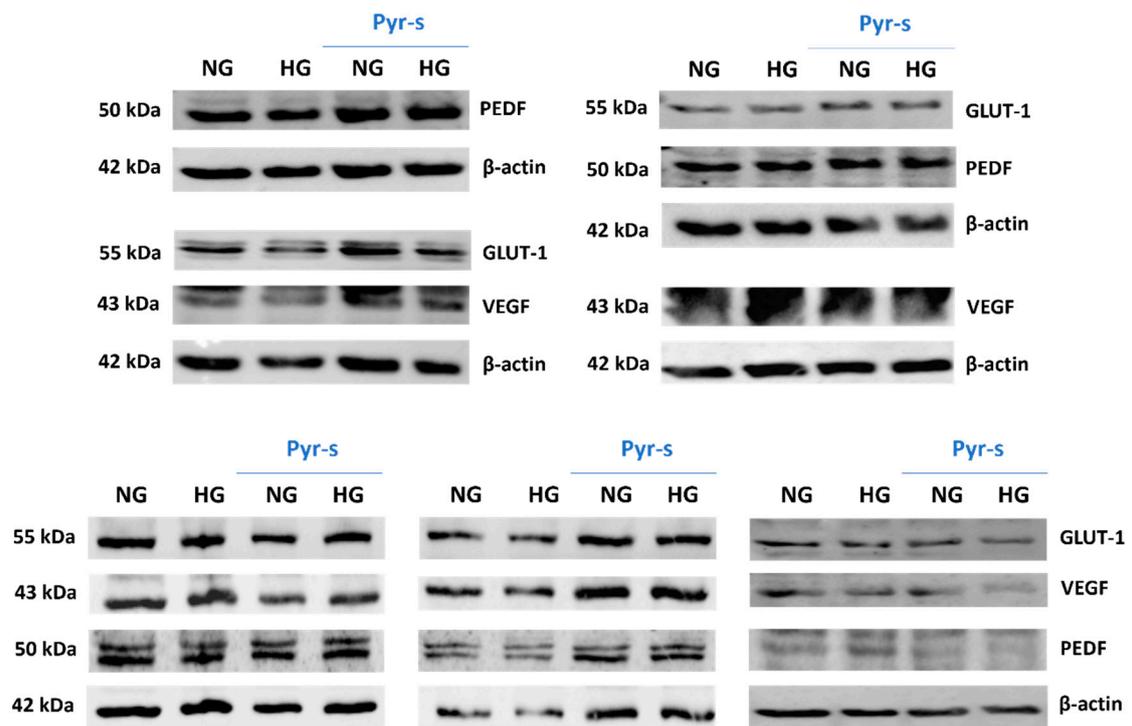


Figure S5. Western blot images showing bands of proteins of interest from RPE cells under normoxia with or without treatment with pyrogallol-*O*-sulfate for 8 hours. These bands were used as controls to normalize bands from cells under hypoxia, exposed to Pyr-s for 8 h upon hypoxic challenge (plotted in Figure 3). $n = 5$.