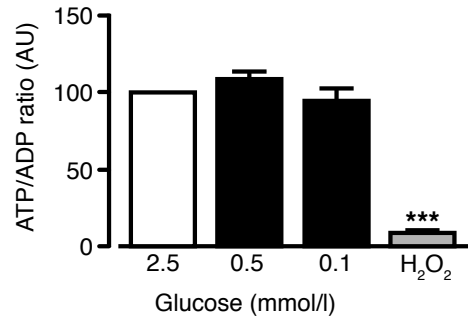




ESM Fig. 3. Effect of glucose and H₂O₂ on the ATP/ADP ratio in GT1-7 cells. The ratio of ATP/ADP (arbitrary units [AU]), was measured using a luminescence assay (Sigma-Aldrich). Reducing glucose from 2.5 mmol/l to 0.5 or 0.1 mmol/l for 30 minutes had no effect on the ATP/ADP ratio. As a positive control, GT1-7 cells were exposed to 100 μ mol/l H₂O₂ for 30 minutes prior to assay. Data are shown as means $\pm$ SEM, $n = 6$. *** $P < 0.001$