



Supplementary Figure 3 The mRNA expression of NOX4 in WAT of obese mice and 3T3-L1 adipocytes. **(A)** The mRNA expression of NOX4 in WAT of C57BL/6 (white bars) and KKAy (black bars) mice at 7 and 13 weeks of age. The mRNA amounts were quantified by real-time PCR. Values are normalized to the level of cyclophilin mRNA, and expressed as mean \pm SE ($n = 6-8$). * $P < 0.05$; *** $P < 0.001$, compared with C57BL/6 mice. **(B)** The mRNA expression of NOX4 in WAT of mice fed normal chow (NC) or high-fat diet (HF). Values are expressed as mean \pm SE ($n = 4$). *** $P < 0.001$, compared with lean control mice. **(C)** The mRNA expression of NOX4 in 3T3-L1 adipocytes exposed to H₂O₂. Values are expressed as mean \pm SE ($n = 3$). ** $P < 0.01$, compared with control.