



Supplementary Figure S1. Effects of hypoxia/reoxygenation (H/R) conditions on expression of key factors. **A** – Relative mRNA levels of *PCSK2*, *POMC*, and *SLC6A4* under H/R conditions as determined by quantitative real-time polymerase chain reaction (qRT-PCR). **B**, **C** – qRT-PCR analysis of the effects of *SLC6A4* knockdown and addition of MCC950 on expression levels of IL-18 and IL-1β mRNA in H9c2 cells induced by 2 mM ropivacaine in the presence of hypoxia/reoxygenation (H/R), normalized to *GAPDH*. Data are mean ± SD from three independent experiments. *P*-values were obtained with one-way ANOVA followed by Tukey’s post hoc test (**p* < 0.05 vs. control, #*p* < 0.05 vs. HR + 2 mM ropivacaine + si-NC) si-NC – small interfering RNA negative control; si-*SLC6A4*-1 – small interfering RNA targeting *SLC6A4*; MCC950 – NLRP3 inflammasome inhibitor.