



Supplementary Figure 1 Schematic diagram of the study design. A: Nine-week-old WT and mGluR5 knockout mice were fed an NCD or HFD for 13 weeks; B: Cells were exposed to a 0.5 mmol/L FFAs for 24 hours to induce steatosis in vitro, followed by treatment with MPEP or CHPG in the presence of FFAs for an additional 24 hours; C: Cells were exposed to 0.5 mmol/L

FFAs for 24 hours to induce steatosis in vitro. Then, the cells were treated with MPEP, MPEP+CQ, or MPEP+CC in the presence of FFAs for another 24 hours.