Supplementary Figure 1.

Effects of eplerenone on body composition, glucose metabolism and chronic inflammation in db/db mice. Four groups of mice (m+/m+ mice: open symbols, m+/m+Ep mice: gray symbols, db/db mice: black symbols, db/db+Ep mice: hatched symbols) were prepared. Transition of body weight (A), and quantified volumes of visceral and subcutaneous fat and lean mass from the diaphragm to the anus by MRI (B) are shown. (C) GTT (2 g of glucose/kg body weight, i.p.) and (D) ITT (0.75 units (m+/m+) or 2 units (db/db) of insulin/kg body weight, i.p.) were conducted. The averaged AUC over the course of 120 min for each group is shown. (E, F) mRNA expression levels of proinflammatory genes in the SVF of eWAT (E) and liver (F) are shown. Data are shown as the mean ± SEM (n = 5-8). *P < 0.05, **P < 0.01, significantly different from the chow mice; †P < 0.05, ††P < 0.01, significantly different between db/db and db/db+Ep mice.