



Figure S1: The blood glucose was measured after STZ injection. After 4 weeks of dietary manipulation, mice in the HFD diet group were given a daily intraperitoneal injection of STZ (30 mg/kg) after an overnight fast for 7 days, while mice in the normal diet group were given a dose volume of Vehicle Lemon (30 mg/kg) in saline buffer (pH 4.4), blood glucose was assessed 7 days after STZ injection. Mice with 12-h fasting blood glucose levels were higher than 11.1 mmol/L were used for the following experiments. Data are expressed as means \pm S.D., n=3. **P<0.01.