



SUPPLEMENTARY FIG. S11. Effects of chronic NaHS treatment on GSH levels and the ratio of GSH to GSSG in GK rats. (A) Graphs showing T-GSH, GSH, and GSSG levels in the liver of the Wistar rats and GK rats chronically treated with NaHS or vehicle. * $p < 0.05$ vs. T-GSH levels in the Wistar control group, # $p < 0.05$ vs. GSH levels in the Wistar control group. (B) Graphs showing the GSH-to-GSSG ratio in the liver of Wistar rats and GK rats chronically treated with NaHS or vehicle. (C) Application of NaHS ($30\ \mu\text{M}$) does not affect the values of plasma glucose measurement. Plasma was collected from 5 starved Wistar rats (8 h, overnight), and each sample was divided into two paired samples with the same volume that applied with vehicle or NaHS ($30\ \mu\text{M}$). Data represent means \pm SE. A p value < 0.05 represents statistical significance. GK, Goto-Kakizaki; T-GSH, total GSH.