



Supplementary Figure 1 Characterization of TG rats. **(A)** Body weight and biochemical examinations of nephrectomized TG rats ($n=16-20$ per group). **(B)** Western blotting with whole human kidney protein using antibody against human SLCO4C1. A single band was abolished by peptide absorption, suggesting the specificity of the antibody. **(C)** Survival rate of TG(-) rat ($n=41$) and TG(+) rat ($n=40$) after 5/6 nephrectomy. Kaplan-Meier curves and log-rank test were used to analyze the mortality rates. $P=0.118$ by log-rank test.

(D) Blood pressure after intraperitoneal-injection of *trans*-aconitate (400mg/kg) to TG(-) rat and TG(+) rat ($n=3$ per group).