



Additional file 1: Summary of the current study. Six-month-old male BXSB/MpJ-*Yaa* mice were used for the glomerular lesion model, and male BXSB/MpJ mice at the same age were used as the controls for this model. Unilateral ureteral obstructed kidneys of 9-week-old C57BL/6 mice were used for the tubulointerstitial model; paired kidneys from the same animals were used as controls. Mice belong to GL and TIL model were subjected for routine histopathology, Transmission Electron Microscopy, Microfil perfusion and Scanning Electron Microscopy. N = number of mice, UUO: unilateral ureteral obstruction.