



**Supplementary Fig. 1.** Study overview. (A) Study design and (B) flow chart of study population. G1, estimated glomerular filtration rate (eGFR) ≥60 mL/min/1.73 m<sup>2</sup>, proteinuria (PU)<sup>-</sup>; G2, eGFR ≥60 mL/min/1.73 m<sup>2</sup>, PU<sup>+</sup>; G3, eGFR <60 mL/min/1.73 m<sup>2</sup>, PU<sup>-</sup>; G4, eGFR <60 mL/min/1.73 m<sup>2</sup>, PU<sup>+</sup>. DKD, diabetic kidney disease; GFR, glomerular filtration rate. <sup>a</sup>In case of group 3 and 4 at 2nd examination, only patients with eGFR 30 to 60 mL/min/1.73 m<sup>2</sup> were included according to the study inclusion criteria.