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(54) Title: SLIT-ROBO SIGNALING FOR DIAGNOSIS AND TREATMENT OF KIDNEY DISEASE

(57) Abstract: Provided herein are methods for the treatment of chronic kidney disease and proteinuria and for the diagnosis of chronic kidney disease and monitoring the effects of treatment on the progression of chronic kidney disease and proteinuria based on unexpected roles for the SLIT-ROBO signaling pathway in the regulation of podocyte F-actin cytoskeleton and foot process structure in the kidney.