

Supplementary Table. Baseline demographic, clinical and glomerular structural parameters of deceased patients.

Sex (male/female)	1/6
Age (years)	32.7 ± 8.3
Age at onset (years)	12.0 ± 2.6
Diabetes duration (years)	20.7 ± 7.8
Follow-up (years)	4.8 ± 4.2
Albumin excretion rate (µg/min)	5.7 ± 2.8
Glomerular filtration rate (ml/min/1.73m ²)	96.3 ± 24.5
Systolic blood pressure (mmHg)	120.3 ± 9.7
Diastolic blood pressure (mmHg)	78.0 ± 7.0
Hypertension (yes/no)	4/3
Retinopathy (yes/no/unknown)	2/2/3
Hemoglobin A _{1c} (%)	9.3 ± 1.6
GBM width (nm)	500.3 ± 119.2
V _v (Mes/glom)	0.29 ± 0.06
V _v (MM/glom)	0.16 ± 0.04
V _v (MC/glom)	0.09 ± 0.03
S _v (PGBM/glom) (µm ² /µm ³)	0.11 ± 0.01

Data are mean \pm SD or number of subjects with a given characteristic.

GBM: glomerular basement membrane; $V_v(\text{Mes}/\text{glom})$: mesangial fractional volume per glomerulus; $V_v(\text{MM}/\text{glom})$: mesangial matrix fractional volume per glomerulus; $V_v(\text{MC}/\text{glom})$: mesangial cell fractional volume per glomerulus; $S_v(\text{PGBM}/\text{glom})$: filtration surface density per glomerulus