

Table S2: Clinical characteristics of reference biopsies analyzed by Affymetrix microarray gene expression profiling. All patients are Caucasian. Data are presented as mean \pm SEM. NA: non available. * Reference: Levey AS et al. A new equation to estimate glomerular filtration rate. Ann Intern Med. 2009;150(9):604-12 (PMID: 19414839).

	Characteristic	Living donors (LD)		Lupus nephritis (LN)	
		female	male	female	(LN) male
Glomerular compartment	Patient number	4	9	19	3
	Age (years)	61.0 \pm 3.2	48.4 \pm 3.9	32.7 \pm 2.3	43.9 \pm 14.7
	Serum creatinine (mg/dL)	NA	1.1 \pm 0.1	1.7 \pm 0.2	3.0 \pm 0.0
	Proteinuria (g/day)	absent	absent	3.9 \pm 0.9	1.3 \pm 0.5
	CKD-Epi GFR (ml/min/1.73m ²)*	NA	79.0 \pm 7.7	55.6 \pm 7.7	73.0 \pm 9.8
Tubulointerstitial compartment	Patient number	6	4	19	3
	Age (years)	59.2 \pm 3.0	42.5 \pm 6.2	32.7 \pm 2.3	43.9 \pm 14.7
	Serum creatinine (mg/dL)	NA	1.0 \pm 0.1	1.7 \pm 0.2	3.0 \pm 0.0
	Proteinuria (g/day)	absent	absent	3.9 \pm 0.9	1.3 \pm 0.5
	CKD-Epi GFR (ml/min/1.73m ²)*	NA	88.1 \pm 12.4	55.6 \pm 7.7	73.0 \pm 9.8

Table S3: Clinical characteristics of reference biopsies analyzed by RNA-sequencing gene expression profiling. All patients are Caucasian. Data are presented as mean \pm SEM. NA: non available. * Reference: Levey AS et al. A new equation to estimate glomerular filtration rate. Ann Intern Med. 2009;150(9):604-12 (PMID: 19414839).

	Characteristic	Living donors (LD)		Lupus nephritis (LN)	
		female	male	female	(LN) male
Glomerular compartment	Patient number	4	1	10	3
	Age (years)	50.4 \pm 4.6	30.6	32.8 \pm 4.9	46.9 \pm 14.3
	Serum creatinine (mg/dL)	NA	NA	1.2 \pm 0.2	1.0 \pm 0.2
	Proteinuria (g/day)	absent	absent	5.2 \pm 1.9	NA
	CKD-Epi GFR (ml/min/1.73m ²)*	NA	NA	69.4 \pm 10.0	81.1 \pm 15.7
Tubulointerstitial compartment	Patient number	4	1	18	6
	Age (years)	50.4 \pm 4.6	30.6	37.1 \pm 3.3	37.8 \pm 8.1
	Serum creatinine (mg/dL)	NA	NA	1.3 \pm 0.2	1.2 \pm 0.2
	Proteinuria (g/day)	absent	absent	4 \pm 1.1	3.4 \pm 1.7
	CKD-Epi GFR (ml/min/1.73m ²)*	NA	NA	69.1 \pm 8.9	81.3 \pm 13.4