

Supplementary table S1. Patient and transplantation characteristics of patients in the renal biopsy study (n=102)

Variable		Mean \pm SD; count (%)
Recipient	Age	47.0 \pm 12.6
	Age \leq 50 years	59 (57.8)
	Age > 50 years	43 (42%)
	Sex (M)	68 (67%)
	Sex (F)	34 (33%)
donor	Age	46.2 \pm 13.8
	Age \leq 50 years	58 (57%)
	Age > 50 years	44 (43%)
	Sex (M)	39 (38%)
	Sex (F)	63 (62%)
Transplantation type	Living	25 (25%)
	Post mortal	77 (75%)
Re-transplantation		15 (18%)
Induction therapy		31 (30%)
PRA	0-5%	34 (33%)
	>5%	68 (67%)
Mismatches	Class I	
	0-2	78 (80%)
	>2	20 (20%)
	Class II	
	0	32 (33%)
	1-2	65 (67%)
DGF (need for dialysis)		29 (28%)
Need for antibody therapy*		49 (48%)

PRA = panel reactive antibodies, DGF = delayed graft function. *48% of patients with rejection required antibody therapy (antithymocyte globulin) due to a second rejection episode or insufficient response to steroid treatment.

Supplementary table S2. Used primer sequences of lncRNAs.

Primer lncRNA	Sequence
hsa-malat1-fw (MALAT1)	ACCATGGCACTTTCTCCTG
hsa-malat1-rev (MALAT1)	CCCATCACTGAAGCCCACAG
hsa-G003293-fw (LNC-RPS24)	GACGTCGCTATGAACGCTTG
hsa-G003293-rev (LNC-RPS24)	CCAGGTGGGGAGTTTGACTG
hsa-lnc-EPHA6-1:1-fw (LNC-EPHA6)	ATGTTATGCCCGCCTTCA
hsa-lnc-EPHA6-1:1-rev (LNC-EPHA6)	TCAGTATTAGAGGCACCGCC
hsa-lipcar-fw (LIPCAR)	TAAAGGATGCGTAGGGATGG
hsa-lipcar-rv (LIPCAR)	TTCATGATCACGCCCTCATA