

Supplementary Information

Table S5. Comparisons of the expressions of the 8 validated genes in LN non-responder (NR; $N = 22$) and responder (R; $N = 22$) patients.

	R	NR	<i>p</i> -Value
<i>Up-regulated genes</i>			
<i>ANXA13</i>	-0.006 ± 0.75	1.65 ± 0.37	0.04
<i>VCAM1</i>	-0.007 ± 0.29	2.10 ± 1.19	0.09
<i>VNN1</i>	-0.0005 ± 0.36	0.97 ± 1.21	0.63
<i>CXCR1</i>	-0.001 ± 0.22	0.59 ± 0.30	0.24
<i>S100A8</i>	-0.07 ± 0.30	1.58 ± 0.50	0.02
<i>Down-regulated genes</i>			
<i>CLDN19</i>	-0.005 ± 0.26	-0.87 ± 0.31	0.03
<i>DDIT4</i>	-0.0005 ± 0.28	-0.60 ± 0.31	0.11
<i>FAM46B</i>	-0.005 ± 0.62	-0.71 ± 0.28	0.02

Data shown as Mean \pm SEM log₂ fold change.

Table S6. Comparisons of the expressions of 4 validated genes in LN patients with loss of kidney function (L; $N = 13$) and preserved kidney function (P; $N = 31$).

	L	P	<i>p</i> -Value
<i>Up-regulated genes</i>			
<i>ANXA13</i>	1.61 ± 0.15	0.18 ± 0.80	0.34
<i>COL8A1</i>	0.99 ± 0.24	-0.004 ± 0.24	0.007
<i>Down-regulated genes</i>			
<i>SERPINA1</i>	-0.22 ± 0.12	-0.007 ± 0.25	0.45
<i>TRPV6</i>	-0.06 ± 0.27	-0.004 ± 0.22	0.98

Data shown as Mean \pm SEM log₂ fold change.

Table S7. The sequences of oligonucleotide primers for real-time PCR validation.

TargetID	Oligonucleotides Sequence
<i>ANXA13</i>	Forward 5'-CAGGGTTTTGATGTGGATCGA-3' Reverse 5'-TGCTTCATTGGTCCCCATTC-3'
<i>VCAM1</i>	Forward 5'-CCACAGTAAGGCAGGCTGTA-3' Reverse 5'-GGTCACAGAGCCACCTTCTT-3'
<i>VNN1</i>	Forward 5'-GATCAGGGTGCGCATATTATTGT-3' Reverse 5'-TTTACTTCAGGGTCTGGGATGTC-3'
<i>CXCR1</i>	Forward 5'-TGACTGGCAGATCCAGAGGTT-3' Reverse 5'-ACTCAAAGTTTTCTGTCACTGATTGAG-3'
<i>SI00A8</i>	Forward 5'-GAAGAAATTGCTAGAGACCGAGTG-3' Reverse 5'-CGCCCATCTTTATCACCAGAA-3'
<i>CLDN19</i>	Forward 5'-TGGGTGGGCATCATTGC-3' Reverse 5'-GTCGCCTGCGTAGGAAGACT-3'
<i>DDIT4</i>	Forward 5'-GGGTTCGCACACCCATTC-3' Reverse 5'-GAGCGTAGAAGCCGCAGCTA-3'
<i>FAM46B</i>	Forward 5'-ACAGGTGAAGCGACTGGAC-3' Reverse 5'-GTGCACATGTAGTCCCTGCT-3'
<i>COL8A1</i>	Forward 5'-AGCCCTTCCCCGATCCTCTC-3' Reverse 5'-CACAACAGCTTCTTGAGCACG-3'
<i>SERPINA1</i>	Forward 5'-TCCGATAACTGGGGTGACCT-3' Reverse 5'-GCATTGTCGATTCACTGTCCC-3'
<i>TRPV6</i>	Forward 5'-TGGAGCAAGTTCTGCAGATGG-3' Reverse 5'-AGACTCCCAGATCCTCTTCTGCT-3'