

**Table S1** The clinical characteristics of the participants.

ID	HSP				HSPN								Healthy		
	(Group A)				Group B			Group C		Group D					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Gender	Female	Male	Male	Male	Male	Female	Male	Female	Male	Female	Male	Male	Female	Male	
Age (years)	11.5	7.1	4.4	4.6	5.2	5.9	5.1	11.3	8.2	5.9	9.8	3.1	6.2	10.1	
Purpura	+	+	+	+	+	+	+	+	+	+	+	-	-	-	
Arthralgia	-	+	+	+	-	+	-	+	-	-	+	-	-	-	
Abdominal pain	+	-	+	+	+	-	-	+	-	-	-	-	-	-	
Course of HSPN (months)	-	-	-	-	0.8	1.2	5	0.7	3.2	0.4	0.3	-	-	-	
Renal histology	-	-	-	-	-	-	II	III	III	III	III	-	-	-	

**Table S2** The list of primers.

qPCR primers	Forward Primer	Reverse Primer
SNHG3	CCAGCCTGGTGACAGAGTTA	TGCTTGTTTCTGCAGAGGTG
LINC00152	ATGCCCAAAGTTACGGAGGA	ACGGAGGTTGGAATGTGGAT
TUG1	AAACCATGCCAGCTGTTACC	AAGCTCAAGTTGGGTCAGA
GAS5	GGTGCAGATGCAGTGTGGCT	TGCCTGTGTGCCAATGGCTT
FGD5-AS1	TCTGGCATCAGCACTTTCAC	GAGCAACGACCTGTCTCTCT
DLEU2	CGTGATCTGCCCGCCTCAGC	GCACTCCAGCCTGGCCACAG
SCARNA9	TGTCTGGTGTGTGTGTGTGT	CCTCAATCTCATTATTCTCT
NEAT1	TGTGTGGCTCCCTTTCTTCA	CCAGGAGTGACGGTGAGAAT
PVT1	CATGACTCCACCTGGACCTT	ACAGGTAACAGGTGCTTGCT
SNHG1	TACAGCCACCTTCTGTTCCC	ACAACCAACACAGCAACACA
DISC1-IT1	CTCAGGAGCACCCAGATTCA	CGCTTAGTCCAGAGCTGAGT
GAPDH	GGGAGCCAAAAGGGTCATCA	TGATGGCATGGACTGTGGTC