

S3 Table. Observed genotype frequencies and Fischer's Exact Test results for *HLA-G*, *MICA* and *NKG2D* genes.

Position	Genotype	Ct - n = 75	CKD - n = 94		KTN - n = 36	KTR - n = 28		
<i>HLA-G</i> genotypes with 3'-UTR		Relative frequency (%)			<i>p</i>	Relative frequency (%)		<i>p</i>
+2960	14-bp <i>Del</i> / 14-bp <i>Del</i>	32.00	40.43	0.267	41.67	39.29	1.000	
	14-bp <i>Del</i> / 14-bp <i>Ins</i>	54.67	44.68	0.218	41.67	46.43	0.801	
	14-bp <i>Ins</i> / 14-bp <i>Ins</i>	13.30	14.89	0.827	16.67	14.29	1.000	
+3001	<i>C/C</i>	100.00	98.94	1.000	100.00	100.00	---	
	<i>C/T</i>	0.00	1.06	1.000	0.00	0.00	---	
	<i>T/T</i>	0.00	0.00	---	0.00	0.00	---	
+3003	<i>C/C</i>	1.33	1.06	1.000	2.78	0.00	1.000	
	<i>C/T</i>	28.00	18.09	0.141	16.67	17.86	1.000	
	<i>T/T</i>	70.68	80.85	0.146	80.56	82.14	1.000	
+3010	<i>G/G</i>	24.00	23.40	1.000	33.33	10.71	0.041	
	<i>G/C</i>	50.67	45.74	0.539	25.00	67.86	<0.001	
	<i>C/C</i>	25.33	30.90	0.494	41.67	21.43	0.111	
+3027	<i>C/C</i>	88.00	91.49	0.608	88.89	92.86	0.688	
	<i>C/A</i>	12.00	8.51	0.608	11.11	7.14	0.688	
	<i>A/A</i>	0.00	0.00	---	0.00	0.00	---	
+3032	<i>G/G</i>	100.00	98.94	1.000	100.00	100.00	---	
	<i>G/C</i>	0.00	0.00	---	0.00	0.00	---	
	<i>C/C</i>	0.00	1.06	1.000	0.00	0.00	---	
+3035	<i>C/C</i>	82.67	79.79	0.696	80.56	85.71	0.743	
	<i>C/T</i>	14.67	15.96	0.834	13.89	10.71	1.000	
	<i>T/T</i>	2.67	4.26	0.694	5.56	3.57	1.000	
+3142	<i>G/G</i>	26.67	29.79	0.732	41.67	17.86	0.058	
	<i>G/C</i>	52.00	45.74	0.442	25.00	67.86	<0.001	
	<i>C/C</i>	21.33	24.47	0.714	33.33	14.29	0.144	
+3187	<i>G/G</i>	5.33	13.83	0.077	16.67	7.14	0.448	
	<i>G/A</i>	37.33	37.23	1.000	25.00	53.57	0.036	
	<i>A/A</i>	57.33	48.94	0.283	58.33	39.29	0.207	
+3196	<i>G/G</i>	6.67	9.57	0.582	11.11	10.71	1.000	
	<i>G/C</i>	49.33	36.17	0.117	38.89	39.29	1.000	
	<i>C/C</i>	44.00	54.26	0.216	50.00	50.00	1.000	
+3227	<i>G/G</i>	86.67	94.68	0.101	91.67	96.43	0.625	
	<i>G/A</i>	13.33	5.32	0.101	8.33	3.57	0.625	
	<i>A/A</i>	0.00	0.00	---	0.00	0.00	---	
<i>HLA-G</i> genotypes with UTRs								
	UTR-1/ UTR-1	5.33	11.70	0.180	16.67	0.00	0.031	
	UTR-1/ UTR-2	13.33	11.70	0.817	5.56	21.43	0.124	
	UTR-1/ UTR-3	6.67	9.57	0.582	2.78	17.86	0.078	
	UTR-1/ UTR-4	9.33	6.38	0.566	11.11	3.57	0.375	
	UTR-1/ UTR-5	0.00	3.19	0.255	0.00	0.00	---	
	UTR-1/ UTR-6	1.33	2.13	1.000	2.78	3.57	1.000	
	UTR-1/ UTR-7	1.33	1.06	1.000	0.00	3.57	0.437	
	UTR-1/ UTR-8	2.67	0.00	0.195	0.00	0.00	---	
	UTR-1/ UTR-10	0.00	1.06	1.000	2.78	0.00	1.000	
	UTR-1/ UTR-16	0.00	1.06	1.000	0.00	3.57	0.437	
	UTR-1/ UTR-18	2.67	0.00	0.195	0.00	0.00	---	
	UTR-1/ UTR-51	0.00	1.06	1.000	2.78	0.00	1.000	
	UTR-2/ UTR-2	5.33	6.38	1.000	2.78	10.71	0.310	
	UTR-2/ UTR-3	9.33	8.51	1.000	8.33	7.14	1.000	
	UTR-2/ UTR-4	10.67	5.32	0.249	5.56	7.14	1.000	
	UTR-2/ UTR-5	2.67	1.06	0.585	0.00	0.00	---	
	UTR-2/ UTR-6	1.33	1.06	1.000	0.00	3.57	0.437	
	UTR-2/ UTR-7	1.33	3.19	0.630	5.56	3.57	1.000	
	UTR-2/ UTR-10	1.33	2.13	1.000	5.56	0.00	0.500	
	UTR-2/ UTR-18	6.67	3.19	0.469	5.56	0.00	0.500	
	UTR-2/ UTR-50	0.00	1.06	1.000	2.78	0.00	1.000	
	UTR-3/ UTR-3	1.33	1.06	1.000	2.78	0.00	1.000	
	UTR-3/ UTR-4	2.67	3.19	1.000	0.00	3.57	0.437	
	UTR-3/ UTR-5	0.00	1.06	1.000	2.78	0.00	1.000	
	UTR-3/ UTR-7	0.00	1.06	1.000	0.00	0.00	---	
	UTR-3/ UTR-18	0.00	1.06	1.000	0.00	3.57	0.437	
	UTR-4/ UTR-4	1.33	1.06	1.000	2.78	0.00	1.000	
	UTR-4/ UTR-5	0.00	2.13	0.503	0.00	3.57	0.437	
	UTR-4/ UTR-7	4.00	0.00	0.085	0.00	0.00	---	
	UTR-4/ UTR-18	1.33	0.00	0.444	0.00	0.00	---	
	UTR-5/ UTR-7	1.33	3.19	0.630	2.78	3.57	1.000	
	UTR-5/ UTR-8	1.33	0.00	0.444	0.00	0.00	---	
	UTR-5/ UTR-13	1.33	1.06	1.000	2.78	0.00	1.000	
	UTR-5/ UTR-18	0.00	1.06	1.000	2.78	0.00	1.000	
	UTR-6/ UTR-17	0.00	1.06	1.000	0.00	0.00	---	
	UTR-6/ UTR-18	0.00	1.06	1.000	2.78	0.00	1.000	
	UTR-7/ UTR-15	1.33	0.00	0.444	0.00	0.00	---	
	UTR-7/ UTR-18	2.67	0.00	0.195	0.00	0.00	---	
	UTR-47/ UTR-48	0.00	1.06	0.444	0.00	0.00	---	

Ct: Control group. CKD: Patients with chronic kidney disease. KTN: Kidney-transplant patients with no rejection. KTR: Kidney-transplant patients who developed episodes of rejection. *Wt*: wild type, which does not show *MICA* A5.1 variation. *Del*: +2960 or 14-bp deletion and *Ins*: +2960 or 14-bp insertion.

S3 Table. Observed genotype frequencies and Fischer's Exact Test results for *HLA-G*, *MICA* and *NKG2D* genes (continuation).

Position	Genotype	Ct - n = 75	CKD - n = 94		KTN - n = 36	KTR - n = 28	
<i>HLA-G</i> genotypes with alleles							
	<i>HLA-G*01:01/HLA-G*01:01</i>	64.00	60.64	0.750	66.67	64.29	1.000
	<i>HLA-G*01:01/HLA-G*01:03</i>	5.33	9.57	0.390	5.56	3.57	1.000
	<i>HLA-G*01:01/HLA-G*01:04</i>	16.00	17.02	1.000	8.33	17.86	0.448
	<i>HLA-G*01:01/HLA-G*01:06</i>	9.33	5.32	0.374	8.33	7.14	1.000
	<i>HLA-G*01:01/HLA-G*01:22</i>	0.00	1.06	1.000	2.78	0.00	1.000
	<i>HLA-G*01:03/HLA-G*01:03</i>	1.33	1.06	1.000	2.78	0.00	1.000
	<i>HLA-G*01:03/HLA-G*01:04</i>	0.00	1.06	1.000	2.78	0.00	1.000
	<i>HLA-G*01:04/HLA-G*01:04</i>	1.33	3.19	0.630	2.78	7.14	0.577
	<i>HLA-G*01:04/HLA-G*01:06</i>	2.67	1.06	0.585	0.00	0.00	---
<i>MICA-129 Val/ Met</i> genotypes							
	<i>MICA-129 Val/ Val</i>	32.00	46.81	0.059	41.67	32.14	0.603
	<i>MICA-129 Val/ Met</i>	53.33	37.23	0.043	47.22	42.86	0.803
	<i>MICA-129 Met/ Met</i>	14.67	15.96	0.834	11.11	25.00	0.188
<i>MICA A5.1/Wt</i> genotypes							
	<i>MICA A5.1/ A5.1</i>	10.67	8.51	0.792	5.56	3.57	1.000
	<i>MICA A5.1/ Wt</i>	33.33	35.11	0.871	47.22	28.57	0.197
	<i>MICA Wt/ Wt</i>	56.00	56.38	1	47.22	67.86	0.208
<i>MICA</i> genotypes with haplotypes							
	<i>MICA Wt/Wt</i> and <i>MICA-129 Met/ Met</i>	14.67	15.96	0.834	11.11	25.00	0.188
	<i>MICA Wt/A5.1</i> and <i>MICA-129 Met/Val</i>	21.33	14.89	0.314	22.22	10.71	0.322
	<i>MICA Wt/A5.1</i> and <i>MICA-129 Val/Val</i>	12.00	20.21	0.211	25.00	17.86	0.555
	<i>MICA Wt/ Wt</i> and <i>MICA-129 Val/ Val</i>	9.33	18.09	0.124	11.11	10.71	1.000
	<i>MICA A5.1/ A5.1</i> and <i>MICA-129 Val/ Val</i>	10.67	8.51	0.792	5.56	3.57	1.000
	<i>MICA Wt/Wt</i> and <i>MICA-129 Met/ Val</i>	32.00	22.34	0.166	25.00	32.14	0.583
<i>NKG2D</i> genotypes							
	<i>LNK1/ LNK1</i>	40.00	40.43	1.000	33.33	39.29	0.793
	<i>LNK1/ HNK1</i>	50.67	43.62	0.438	50.00	42.86	0.620
	<i>HNK1/ HNK1</i>	9.33	15.96	0.253	16.67	17.86	1.000

Ct: Control group. CKD: Patients with chronic kidney disease. KTN: Kidney-transplant patients with no rejection. KTR: Kidney-transplant patients who developed episodes of rejection. *Wt*: wild type, which does not show *MICA A5.1* variation. *Del*: +2960 or 14-bp deletion and *Ins*: +2960 or 14-bp insertion.