

Supplementary table S2. The allele and genotype frequencies of the studied SNPs in the HTN and control groups of female.

Gene (SNP, major/minor alleles)	Minor allele frequency, %	Genotype distribution*	H _o	H _e	P _{HWE}
HTN patients (n=375)					
<i>AC026703.1</i> (rs1173771,G/A)	44.64	67/174/104	0.504	0.494	0.745
<i>HFE</i> (rs1799945,C/G)	17.08	10/105/251	0.287	0.283	1.000
<i>BAG6</i> (rs805303,G/A)	34.65	48/150/157	0.423	0.453	0.200
<i>PLCE1</i> (rs932764,A/G)	48.39	86/158/97	0.463	0.500	0.193
<i>OBFC1</i> (rs4387287,C/A)	22.69	20/107/197	0.330	0.351	0.418
<i>ARHGAP42</i> (rs633185,C/G)	27.16	33/135/202	0.365	0.396	0.148
<i>CERS5</i> (rs7302981,G/A)	42.48	64/160/115	0.472	0.489	0.578
<i>ATP2B1</i> (rs2681472,A/G)	14.96	5/95/251	0.271	0.254	0.296
<i>TBX2</i> (rs8068318,T/C)	26.44	26/123/182	0.372	0.389	0.399
<i>RGL3</i> (rs167479,T/G)	51.01	86/183/79	0.526	0.500	0.391
Control group (n=209)					
<i>AC026703.1</i> (rs1173771,G/A)	46.97	40/106/52	0.535	0.498	0.321
<i>HFE</i> (rs1799945,C/G)	22.46	9/75/123	0.362	0.348	0.691
<i>BAG6</i> (rs805303,G/A)	34.88	24/95/86	0.463	0.454	0.878
<i>PLCE1</i> (rs932764,A/G)	49.75	48/106/49	0.522	0.500	0.576
<i>OBFC1</i> (rs4387287,C/A)	23.24	12/62/111	0.335	0.357	0.411
<i>ARHGAP42</i> (rs633185,C/G)	26.33	14/81/112	0.391	0.388	1.000
<i>CERS5</i> (rs7302981,G/A)	38.01	30/89/77	0.454	0.471	0.649
<i>ATP2B1</i> (rs2681472,A/G)	15.50	5/52/143	0.260	0.262	1.000
<i>TBX2</i> (rs8068318,T/C)	25.38	13/75/111	0.377	0.379	1.000
<i>RGL3</i> (rs167479,T/G)	47.52	48/96/58	0.475	0.499	0.485

Note: * minor allele homozygotes / heterozygotes / major allele homozygotes