

Table SI. Intersection analysis of the leukocytopenia group compared with the leukocytosis group, and the leukocytopenia group compared with the normal control group.

Gene fragment	P1	P2	B1	B2	Gene
cg00215432	0.024654081	0.022092728	0.0335	0.03225	
cg00395657	0.014604027	0.007676075	-0.057	-0.04025	
cg00511027	0.010272451	0.001152824	0.04125	0.03925	<i>C7orf50</i>
cg00580354	0.029108942	0.0287777	-0.01325	-0.01325	<i>PRKRA</i>
cg01026256	0.017154804	0.003363455	0.046	0.05225	<i>VWA5B2</i>
cg01026256	0.017154804	0.003363455	0.046	0.05225	<i>VWA5B2</i>
cg01375259	0.048743116	0.03215429	-0.0115	-0.01225	<i>PYROXD2</i>
cg01386868	0.017420128	0.04714129	0.016	0.01125	<i>REXO1</i>
cg01735503	0.04194962	0.003821767	0.0435	0.06025	<i>WWP2</i>
cg02179478	0.007970524	0.033421423	-0.02725	-0.025	<i>ARPP-21</i>
cg02632490	0.015879645	0.02801134	-0.08975	-0.08125	<i>GRID1</i>
cg02999711	0.02760918	0.036646324	-0.04025	-0.02925	
cg03322633	0.036083491	0.003177627	-0.06875	-0.082	
cg04220104	0.02925601	0.049131325	0.07975	0.08025	
cg04319844	0.013072582	0.020753808	0.04775	0.0385	<i>ANK1</i>
cg05376374	0.040218571	0.004700986	0.046	0.0455	
cg05826944	0.040467174	0.040352008	-0.04125	-0.03875	<i>KIF5C</i>
cg05858042	0.039243776	0.005743877	0.12325	0.1595	
cg06314969	0.010433372	0.009404161	-0.038	-0.0375	<i>TRPM1</i>
cg06606386	0.022590232	0.019463769	0.0675	0.05825	
cg06749053	0.014912764	0.030996605	0.055	0.03875	
cg06855983	0.042314393	0.019131561	0.089	0.0755	
cg07567679	0.041857701	0.004081112	-0.0725	-0.06375	<i>MYO5C</i>
cg07815521	0.039234107	0.035601957	0.09575	0.11375	<i>AKT2</i>
cg07835236	0.000264889	0.005821854	0.059	0.04975	<i>DNAJC5</i>
cg08209724	0.048779849	0.048283841	0.0285	0.02125	<i>ZNF207</i>
cg08460635	0.029484695	0.039956659	0.01925	0.01425	<i>CTDSP1</i>
cg09230679	0.030483343	0.014662115	0.058	0.08275	<i>MED13L</i>
cg09380135	0.012656593	0.019623236	0.053	0.06175	<i>AKT2</i>
cg09399225	0.00355258	0.004702719	-0.09925	-0.0665	
cg09402652	0.004907775	0.014361938	0.0325	0.0225	<i>DAPK3</i>
cg09616647	0.030888772	0.016110828	0.088	0.08275	<i>VWA5B2</i>
cg10698928	0.045390648	0.009256561	0.024	0.0245	
cg11069071	0.048030729	0.001458279	-0.08225	-0.07875	
cg11565377	0.031783393	0.005940138	-0.053	-0.05175	<i>COL7A1</i>
cg12530503	0.039269336	0.020860861	0.12175	0.1135	

cg12698662	0.049284514	0.026613205	-0.02675	-0.0255	
cg13309012	0.005962856	0.01224801	0.02975	0.027	
cg13330363	0.027313995	0.025018148	-0.02675	-0.02425	
cg13691257	0.026282445	0.002105123	-0.03525	-0.04	<i>DAB1</i>
cg13785779	0.045404181	0.014499283	-0.0535	-0.055	<i>MYH7</i>
cg14119827	0.022497396	0.041779455	-0.063	-0.05275	
cg14368220	0.02543845	0.020127691	-0.08525	-0.08125	<i>GRID1</i>
cg14670435	0.00706632	0.001320887	0.03825	0.0345	<i>ZNF385B</i>
cg15699267	0.011313523	0.002745158	0.01425	0.0165	
cg16176069	0.015790815	0.04489166	0.05075	0.0285	<i>C7orf50</i>
cg16193245	0.008862202	0.040001678	0.08325	0.06175	<i>PTPRN2</i>
cg16595458	0.041223621	0.022948846	-0.06125	-0.0675	<i>CNTNAP2</i>
cg17304531	0.046640707	0.019705474	0.03525	0.02675	<i>KIAA0226</i>
cg17581870	0.012142516	0.000763694	0.0365	0.058	<i>C7orf50</i>
cg18344769	0.008801053	0.008011005	-0.0285	-0.0265	<i>COL8A1</i>
cg18720617	0.027667278	0.005707924	-0.03625	-0.03225	
cg18734706	0.029795149	0.019373274	-0.0385	-0.036	<i>NOX5</i>
cg18771937	0.024597085	0.015710372	-0.09025	-0.07725	
cg19312305	0.034254638	0.007032833	-0.092	-0.0995	
cg19582647	0.047025609	0.023259372	-0.019	-0.02125	<i>TTF2</i>
cg20277905	0.049515398	0.025233083	0.0305	0.02875	
cg20841588	0.031729679	0.012067481	-0.04925	-0.0475	
cg21513316	0.039161676	0.046934072	-0.03425	-0.02975	
cg21529323	0.006678982	0.007389303	0.032	0.02525	
cg22306928	0.039797645	0.041846332	0.04075	0.037	
cg22844368	0.036415902	0.033762735	0.0415	0.03775	
cg22978384	0.046815674	0.006780294	-0.0405	-0.051	<i>ARPP-21</i>
cg23130731	0.008329412	0.013242012	0.09475	0.07175	<i>C10orf79</i>
cg24141911	0.043415535	0.003563249	-0.03575	-0.05	<i>SLIT3</i>
cg24603444	0.004308389	0.045283793	0.02075	0.01475	<i>LOC399959</i>
cg26338386	0.009500566	0.012362074	-0.0305	-0.03075	<i>C5orf36</i>

P1, the P-value of the leukocytopenia group vs. the leukocytosis group; P2, the P-value of the leukocytopenia group vs. the normal control group; B1, the average P-value of the leukocytopenia group minus that of the leukocytosis group; B2, the average P-value of the leukocytopenia group minus that of the normal control group.