

Table S7. Differential expression of meta analysis between schizophrenia cases and controls.

Gene	N	Zscore	P-value	FDR	Direction
<i>VPS29</i>	513	6.67	2.50E-11	1.08E-08	++
<i>BNIP3L</i>	513	5.92	3.31E-09	7.16E-07	++
<i>MRPS21</i>	513	5.64	1.67E-08	2.40E-06	++
<i>HCFC1</i>	513	5.44	5.43E-08	5.88E-06	++
<i>PSMA4</i>	513	5.02	5.29E-07	4.58E-05	++
<i>THOC7</i>	513	4.95	7.36E-07	5.31E-05	++
<i>SF3B1</i>	513	4.82	1.41E-06	8.10E-05	++
<i>NEK1</i>	513	-4.81	1.50E-06	8.10E-05	---
<i>ACTR1A</i>	513	4.68	2.83E-06	1.36E-04	++
<i>FAM216A</i>	513	-4.60	4.22E-06	1.83E-04	---
<i>BTBD1</i>	513	-4.57	4.92E-06	1.94E-04	---
<i>TCF12</i>	513	-4.50	6.87E-06	2.48E-04	---
<i>FXR1</i>	513	-4.35	1.36E-05	3.97E-04	---
<i>CHRNA2</i>	513	-4.33	1.47E-05	3.97E-04	---
<i>B2M</i>	513	-4.35	1.38E-05	3.97E-04	---
<i>GRIN2A</i>	513	-4.38	1.21E-05	3.97E-04	---
<i>PBX2</i>	513	-4.32	1.56E-05	3.98E-04	---
<i>BTN3A3</i>	513	-4.27	1.96E-05	4.71E-04	---
<i>TAP1</i>	513	-4.17	3.03E-05	6.91E-04	---
<i>TARS2</i>	410	-4.15	3.35E-05	7.25E-04	-?-
<i>SOX2</i>	513	-4.13	3.63E-05	7.49E-04	---
<i>ETF1</i>	513	-4.07	4.71E-05	9.27E-04	---
<i>PRRT1</i>	410	-4.00	6.34E-05	1.19E-03	-?-
<i>KMT2E</i>	513	-3.98	6.84E-05	1.23E-03	---
<i>MARK3</i>	513	-3.96	7.52E-05	1.25E-03	---
<i>NDUFA6</i>	311	3.97	7.35E-05	1.25E-03	?+
<i>FGFR1</i>	513	-3.94	8.14E-05	1.26E-03	---
<i>TCF20</i>	513	-3.94	8.00E-05	1.26E-03	---
<i>SRPK2</i>	513	-3.93	8.52E-05	1.27E-03	---
<i>HLA-E</i>	513	-3.89	9.98E-05	1.44E-03	---
<i>BAG4</i>	513	-3.83	1.30E-04	1.81E-03	---
<i>CLU</i>	513	-3.75	1.74E-04	2.35E-03	---
<i>PPP1R11</i>	513	-3.64	2.78E-04	3.65E-03	---
<i>PHF1</i>	513	-3.58	3.47E-04	4.42E-03	---
<i>CCDC134</i>	513	-3.53	4.11E-04	5.08E-03	---
<i>PLCL1</i>	513	-3.52	4.38E-04	5.27E-03	---
<i>GIGYF2</i>	513	-3.51	4.55E-04	5.33E-03	---
<i>DPYD</i>	513	-3.47	5.16E-04	5.88E-03	---
<i>SKIV2L</i>	513	-3.46	5.49E-04	6.09E-03	---
<i>HLA-G</i>	513	-3.45	5.63E-04	6.09E-03	---

Gene	N	Zscore	P-value	FDR	Direction
<i>LRRFIP2</i>	513	-3.44	5.89E-04	6.22E-03	---
<i>ANKRD44</i>	513	-3.39	6.96E-04	7.18E-03	---
<i>DDX39B</i>	410	-3.38	7.24E-04	7.29E-03	-?-
<i>PLA2G15</i>	513	-3.33	8.75E-04	8.61E-03	---
<i>STK19</i>	513	-3.29	9.92E-04	9.54E-03	---
<i>PITPNM2</i>	513	-3.27	1.09E-03	1.01E-02	---
<i>GATAD2A</i>	513	-3.27	1.09E-03	1.01E-02	---
<i>TMTC1</i>	513	-3.24	1.22E-03	1.10E-02	---
<i>NAA10</i>	513	-3.23	1.25E-03	1.10E-02	---
<i>TRIM35</i>	513	-3.22	1.30E-03	1.10E-02	---
<i>MICB</i>	513	-3.22	1.30E-03	1.10E-02	---
<i>TRIM8</i>	513	-3.20	1.38E-03	1.15E-02	---
<i>ZNF592</i>	513	-3.17	1.54E-03	1.26E-02	---
<i>SLC7A6</i>	513	-3.15	1.63E-03	1.29E-02	---
<i>ABCB9</i>	513	-3.15	1.63E-03	1.29E-02	---
<i>DOPEY1</i>	513	-3.14	1.68E-03	1.30E-02	---
<i>HLA-B</i>	513	-3.13	1.77E-03	1.35E-02	---
<i>HLA-C</i>	513	-3.11	1.89E-03	1.41E-02	---
<i>TWF2</i>	513	-3.08	2.06E-03	1.49E-02	---
<i>STAB1</i>	513	-3.08	2.05E-03	1.49E-02	---
<i>RB1</i>	513	-3.07	2.14E-03	1.52E-02	---
<i>ANP32E</i>	513	-3.05	2.31E-03	1.61E-02	---
<i>AS3MT</i>	513	-3.03	2.42E-03	1.63E-02	---
<i>PRMT7</i>	513	-3.04	2.40E-03	1.63E-02	---
<i>HLA-DOA</i>	513	-3.00	2.69E-03	1.79E-02	---
<i>SPATS2L</i>	513	-2.99	2.76E-03	1.81E-02	---
<i>AGPAT1</i>	513	-2.98	2.84E-03	1.84E-02	---
<i>OR2H2</i>	513	-2.98	2.93E-03	1.87E-02	---
<i>FANCL</i>	513	-2.97	3.00E-03	1.88E-02	---
<i>TOM1L2</i>	513	-2.95	3.17E-03	1.96E-02	---
<i>TNF</i>	513	-2.93	3.43E-03	2.03E-02	---
<i>MSH5</i>	202	-2.93	3.38E-03	2.03E-02	-??
<i>GPM6A</i>	513	-2.93	3.39E-03	2.03E-02	---
<i>TNFRSF14</i>	513	-2.91	3.57E-03	2.09E-02	---
<i>NAGA</i>	513	-2.88	3.95E-03	2.28E-02	---
<i>MMP8</i>	513	-2.88	4.03E-03	2.30E-02	---
<i>GABBR1</i>	513	-2.86	4.22E-03	2.35E-02	---
<i>MED19</i>	513	-2.85	4.32E-03	2.35E-02	---
<i>CD46</i>	311	-2.85	4.34E-03	2.35E-02	?--
<i>CTSS</i>	513	-2.86	4.30E-03	2.35E-02	---
<i>ANAPC7</i>	513	-2.85	4.39E-03	2.35E-02	---
<i>BTN2A2</i>	513	-2.81	4.97E-03	2.59E-02	---
<i>PPP1R18</i>	513	-2.81	4.95E-03	2.59E-02	---

Gene	N	Zscore	P-value	FDR	Direction
<i>NISCH</i>	513	-2.80	5.04E-03	2.60E-02	---
<i>AKAP10</i>	513	-2.79	5.23E-03	2.67E-02	---
<i>ARL3</i>	513	-2.75	5.90E-03	2.78E-02	---
<i>DDHD2</i>	513	-2.75	5.95E-03	2.78E-02	---
<i>SYNGAP1</i>	513	-2.76	5.71E-03	2.78E-02	---
<i>SPCS1</i>	513	-2.75	5.97E-03	2.78E-02	---
<i>CACNA1C</i>	513	-2.77	5.58E-03	2.78E-02	---
<i>AIF1</i>	513	-2.77	5.68E-03	2.78E-02	---
<i>MPHOSPH9</i>	513	-2.76	5.86E-03	2.78E-02	---
<i>MAU2</i>	513	-2.76	5.82E-03	2.78E-02	---
<i>ZSCAN16</i>	513	-2.74	6.10E-03	2.81E-02	---
<i>LRPAP1</i>	513	-2.72	6.62E-03	2.84E-02	---
<i>APH1A</i>	513	-2.72	6.61E-03	2.84E-02	---
<i>TMX2</i>	513	-2.72	6.45E-03	2.84E-02	---
<i>HIST1H2AC</i>	513	-2.73	6.32E-03	2.84E-02	---
<i>ARHGAP1</i>	513	2.72	6.51E-03	2.84E-02	+--
<i>YPEL3</i>	513	-2.73	6.36E-03	2.84E-02	---
<i>TRIM26</i>	513	2.73	6.36E-03	2.84E-02	+--
<i>NAB2</i>	513	-2.71	6.79E-03	2.88E-02	---
<i>SGK223</i>	513	2.70	6.91E-03	2.91E-02	+--
<i>MGAT3</i>	513	-2.69	7.08E-03	2.95E-02	---
<i>PLEKHO1</i>	513	-2.69	7.23E-03	2.98E-02	---
<i>ESR2</i>	513	-2.68	7.48E-03	3.06E-02	---
<i>TOP3A</i>	513	-2.66	7.92E-03	3.09E-02	---
<i>IGSF9B</i>	311	2.66	7.87E-03	3.09E-02	?-+
<i>NELFE</i>	410	-2.66	7.72E-03	3.09E-02	-?-
<i>HSPA1A</i>	410	2.66	7.81E-03	3.09E-02	-?+
<i>PLAG1</i>	513	-2.66	7.82E-03	3.09E-02	---
<i>BTN2A1</i>	513	-2.62	8.78E-03	3.39E-02	---
<i>ZSCAN2</i>	513	-2.61	9.04E-03	3.46E-02	---
<i>RCN3</i>	513	-2.61	9.17E-03	3.48E-02	---
<i>CSNK2B</i>	513	-2.60	9.42E-03	3.53E-02	---
<i>HLA-DRB1</i>	513	-2.59	9.62E-03	3.53E-02	---
<i>TNXB</i>	513	-2.59	9.59E-03	3.53E-02	---
<i>ROBO3</i>	513	-2.59	9.55E-03	3.53E-02	---
<i>RNF5</i>	513	2.59	9.73E-03	3.54E-02	+--
<i>C12orf65</i>	513	-2.58	9.88E-03	3.56E-02	---
<i>HIST1H1A</i>	513	-2.57	1.02E-02	3.65E-02	---
<i>GPN3</i>	513	-2.56	1.03E-02	3.67E-02	---
<i>MEI1</i>	513	-2.56	1.05E-02	3.71E-02	---
<i>HIST1H2AK</i>	513	-2.55	1.09E-02	3.82E-02	---
<i>FURIN</i>	513	-2.53	1.15E-02	3.93E-02	---
<i>SNRNP35</i>	513	-2.53	1.15E-02	3.93E-02	---

Gene	N	Zscore	P-value	FDR	Direction
<i>LY6G5C</i>	513	-2.53	1.14E-02	3.93E-02	---
<i>STAT6</i>	513	-2.52	1.17E-02	3.96E-02	---
<i>TSSK6</i>	513	-2.52	1.18E-02	3.97E-02	---
<i>SEPT3</i>	513	-2.51	1.22E-02	4.04E-02	---
<i>ZSCAN23</i>	311	-2.51	1.22E-02	4.04E-02	?--
<i>ALAS1</i>	513	-2.50	1.24E-02	4.06E-02	---
<i>TYW5</i>	513	-2.50	1.25E-02	4.08E-02	---
<i>HIST1H2BD</i>	513	-2.49	1.27E-02	4.10E-02	---
<i>HSPA1L</i>	513	-2.49	1.29E-02	4.15E-02	---
<i>CTNNA1</i>	513	-2.48	1.33E-02	4.21E-02	---
<i>PLCH2</i>	513	-2.48	1.33E-02	4.21E-02	---
<i>VWA7</i>	513	-2.47	1.35E-02	4.23E-02	---
<i>ARL6IP4</i>	513	-2.46	1.37E-02	4.28E-02	---
<i>ZDHHC5</i>	513	-2.46	1.39E-02	4.29E-02	---
<i>BRD2</i>	513	-2.45	1.44E-02	4.42E-02	---
<i>MOG</i>	513	-2.44	1.46E-02	4.44E-02	---
<i>TMEM219</i>	513	-2.44	1.47E-02	4.46E-02	---
<i>PPP1R13B</i>	513	-2.44	1.48E-02	4.46E-02	---
<i>PRR12</i>	513	-2.43	1.51E-02	4.49E-02	---
<i>HLA-DQB1</i>	513	-2.42	1.55E-02	4.57E-02	---
<i>AGER</i>	513	-2.42	1.55E-02	4.57E-02	---
<i>TAP2</i>	513	-2.40	1.63E-02	4.63E-02	---
<i>HIST1H4J</i>	513	-2.40	1.64E-02	4.63E-02	---
<i>PPP1CC</i>	513	2.40	1.63E-02	4.63E-02	+--
<i>MAFG</i>	513	-2.41	1.59E-02	4.63E-02	---
<i>MYC</i>	513	-2.41	1.60E-02	4.63E-02	---
<i>NOTCH4</i>	513	-2.40	1.62E-02	4.63E-02	---
<i>L3MBTL2</i>	513	2.39	1.67E-02	4.71E-02	+--
<i>MAPK3</i>	513	2.38	1.75E-02	4.75E-02	+--
<i>NKAPL</i>	513	-2.38	1.71E-02	4.75E-02	---
<i>MZF1</i>	513	-2.38	1.74E-02	4.75E-02	---
<i>SRR</i>	513	-2.38	1.74E-02	4.75E-02	---
<i>TBX6</i>	513	-2.38	1.75E-02	4.75E-02	---
<i>ZFX</i>	513	-2.38	1.74E-02	4.75E-02	---
<i>C6orf47</i>	513	-2.37	1.78E-02	4.79E-02	---
<i>SMG6</i>	513	-2.36	1.85E-02	4.85E-02	---
<i>GLYCTK</i>	513	-2.36	1.85E-02	4.85E-02	---
<i>SLC12A4</i>	513	-2.36	1.85E-02	4.85E-02	---
<i>FAM213B</i>	311	-2.36	1.85E-02	4.85E-02	?--
<i>BACH1</i>	513	-2.35	1.88E-02	4.90E-02	---
<i>HSPA9</i>	513	2.35	1.90E-02	4.92E-02	--+
<i>ALPK3</i>	513	-2.34	1.92E-02	4.94E-02	---
<i>ATP6V1G2</i>	513	-2.33	1.96E-02	5.02E-02	---

Gene	N	Zscore	P-value	FDR	Direction
<i>APOM</i>	513	-2.33	2.00E-02	5.09E-02	---
<i>ITPR3</i>	513	-2.32	2.05E-02	5.20E-02	---
<i>HSPA1B</i>	202	-2.31	2.07E-02	5.21E-02	-??
<i>PAX5</i>	513	-2.31	2.11E-02	5.27E-02	---
<i>HLA-DPA1</i>	513	-2.29	2.19E-02	5.44E-02	---
<i>GLT8D1</i>	513	-2.29	2.21E-02	5.46E-02	---
<i>TRMT61A</i>	513	-2.28	2.24E-02	5.47E-02	---
<i>SDCCAG8</i>	513	-2.29	2.23E-02	5.47E-02	---
<i>MAN2A1</i>	513	-2.28	2.25E-02	5.48E-02	---
<i>KDM3B</i>	513	-2.27	2.32E-02	5.58E-02	---
<i>VAR52</i>	513	-2.27	2.31E-02	5.58E-02	---
<i>EPHA5</i>	513	-2.26	2.41E-02	5.76E-02	---
<i>C2</i>	513	-2.25	2.48E-02	5.86E-02	---
<i>DRD2</i>	513	-2.25	2.47E-02	5.86E-02	---
<i>KLF5</i>	513	-2.23	2.56E-02	5.93E-02	---
<i>BAK1</i>	513	-2.24	2.53E-02	5.93E-02	---
<i>SP2</i>	513	2.23	2.58E-02	5.93E-02	+--
<i>TNFRSF13C</i>	513	-2.23	2.55E-02	5.93E-02	---
<i>CYP2D6</i>	513	-2.24	2.53E-02	5.93E-02	---
<i>WHSC1L1</i>	513	-2.23	2.59E-02	5.93E-02	---
<i>CYP17A1</i>	513	-2.22	2.68E-02	6.03E-02	---
<i>ZNF354C</i>	513	-2.22	2.66E-02	6.03E-02	---
<i>CLP1</i>	513	-2.22	2.66E-02	6.03E-02	---
<i>C2orf69</i>	513	-2.20	2.79E-02	6.27E-02	---
<i>ATXN7</i>	513	-2.18	2.90E-02	6.47E-02	---
<i>BTN3A2</i>	513	-2.18	2.97E-02	6.58E-02	---
<i>SUGP1</i>	311	-2.17	3.01E-02	6.58E-02	?--
<i>LCAT</i>	513	-2.17	3.01E-02	6.58E-02	---
<i>FCGRT</i>	513	-2.17	2.98E-02	6.58E-02	---
<i>TRANK1</i>	513	2.16	3.11E-02	6.76E-02	+--
<i>ZNRD1</i>	513	-2.14	3.21E-02	6.94E-02	---
<i>ALDH16A1</i>	513	-2.12	3.41E-02	7.30E-02	---
<i>DNAH1</i>	513	-2.12	3.39E-02	7.30E-02	---
<i>TDRD9</i>	513	-2.12	3.44E-02	7.33E-02	---
<i>EHF</i>	513	-2.11	3.51E-02	7.46E-02	---
<i>PACSIN3</i>	513	-2.10	3.54E-02	7.48E-02	---
<i>RENBP</i>	513	2.10	3.57E-02	7.49E-02	+--
<i>SCGN</i>	513	-2.08	3.72E-02	7.76E-02	---
<i>NT5DC2</i>	513	-2.08	3.76E-02	7.76E-02	---
<i>IMMP2L</i>	513	-2.08	3.74E-02	7.76E-02	---
<i>GZMB</i>	513	-2.08	3.76E-02	7.76E-02	---
<i>HLA-DRA</i>	513	-2.08	3.80E-02	7.80E-02	---
<i>SREBF2</i>	513	-2.05	4.08E-02	8.33E-02	---

Gene	N	Zscore	P-value	FDR	Direction
<i>IRF3</i>	513	2.03	4.19E-02	8.52E-02	+--
<i>RPS18</i>	513	2.03	4.26E-02	8.62E-02	+--
<i>C16orf92</i>	513	-2.02	4.39E-02	8.72E-02	---
<i>ATP13A1</i>	513	-2.02	4.37E-02	8.72E-02	---
<i>C6orf10</i>	513	-2.02	4.34E-02	8.72E-02	---
<i>USF2</i>	513	2.02	4.38E-02	8.72E-02	--+
<i>RFT1</i>	513	2.00	4.54E-02	8.97E-02	--+
<i>PRRC2A</i>	513	2.00	4.56E-02	8.97E-02	+--
<i>NT5C2</i>	513	-1.99	4.62E-02	9.05E-02	---
<i>HCG27</i>	513	-1.99	4.70E-02	9.17E-02	---
<i>RXRA</i>	513	-1.96	4.96E-02	9.63E-02	---
<i>RNF39</i>	513	-1.96	4.98E-02	9.63E-02	---
<i>CDC25C</i>	513	-1.95	5.08E-02	9.77E-02	---
<i>BAG5</i>	513	-1.95	5.18E-02	9.91E-02	---
<i>TRIM27</i>	513	-1.94	5.27E-02	1.00E-01	---
<i>WDR73</i>	513	-1.93	5.33E-02	1.01E-01	---
<i>HIST1H2BL</i>	513	-1.93	5.37E-02	1.02E-01	---
<i>EMX1</i>	513	-1.93	5.42E-02	1.02E-01	---
<i>STAR</i>	513	-1.93	5.40E-02	1.02E-01	---
<i>TRIM10</i>	513	-1.92	5.54E-02	1.03E-01	---
<i>CACNA2D2</i>	513	1.91	5.56E-02	1.03E-01	+--
<i>ZSCAN31</i>	513	-1.92	5.55E-02	1.03E-01	---
<i>BCL11B</i>	513	-1.91	5.61E-02	1.03E-01	---
<i>DGKZ</i>	513	-1.91	5.66E-02	1.04E-01	---
<i>INO80E</i>	513	-1.90	5.78E-02	1.05E-01	---
<i>NEU1</i>	513	-1.90	5.80E-02	1.05E-01	---
<i>ATF6B</i>	513	-1.89	5.82E-02	1.05E-01	---
<i>PBRM1</i>	311	-1.89	5.86E-02	1.06E-01	?--
<i>HIST1H4H</i>	513	1.89	5.91E-02	1.06E-01	--+
<i>CFB</i>	513	-1.88	5.96E-02	1.07E-01	---
<i>NFKBIL1</i>	513	-1.88	6.01E-02	1.07E-01	---
<i>SFXN2</i>	513	-1.88	6.08E-02	1.08E-01	---
<i>ITIH1</i>	513	-1.87	6.09E-02	1.08E-01	---
<i>PPT2</i>	410	-1.85	6.38E-02	1.12E-01	-?-
<i>CCHCR1</i>	513	-1.83	6.78E-02	1.19E-01	---
<i>RAD9B</i>	513	-1.82	6.86E-02	1.20E-01	---
<i>NFE2L1</i>	513	1.81	7.00E-02	1.22E-01	+--
<i>CNNM2</i>	513	-1.80	7.19E-02	1.25E-01	---
<i>LTA</i>	513	-1.79	7.31E-02	1.25E-01	---
<i>HLA-DMB</i>	513	-1.80	7.26E-02	1.25E-01	---
<i>HLA-DPB1</i>	513	-1.79	7.29E-02	1.25E-01	---
<i>DPEP2</i>	513	-1.78	7.46E-02	1.27E-01	---
<i>PSMB8</i>	513	-1.78	7.47E-02	1.27E-01	---

Gene	N	Zscore	P-value	FDR	Direction
<i>DRG2</i>	513	1.78	7.51E-02	1.27E-01	+--
<i>ESR1</i>	513	-1.77	7.65E-02	1.28E-01	---
<i>HLA-F</i>	513	-1.77	7.64E-02	1.28E-01	---
<i>NFKB1</i>	513	-1.76	7.78E-02	1.30E-01	---
<i>YJEFN3</i>	513	-1.75	8.00E-02	1.33E-01	---
<i>CUTA</i>	513	1.75	8.04E-02	1.33E-01	--+
<i>LHFPL3</i>	513	-1.73	8.32E-02	1.36E-01	---
<i>IP6K3</i>	513	-1.73	8.31E-02	1.36E-01	---
<i>POLR3H</i>	513	1.73	8.37E-02	1.36E-01	+--
<i>FAM83G</i>	513	-1.73	8.36E-02	1.36E-01	---
<i>TCF19</i>	513	-1.73	8.37E-02	1.36E-01	---
<i>FAM53C</i>	513	-1.73	8.45E-02	1.37E-01	---
<i>OR2J2</i>	513	-1.72	8.59E-02	1.39E-01	---
<i>ZBTB9</i>	513	-1.72	8.64E-02	1.39E-01	---
<i>GPSM3</i>	513	1.71	8.75E-02	1.40E-01	+--
<i>POU5F1</i>	202	-1.69	9.16E-02	1.45E-01	-??
<i>HARBI1</i>	513	-1.69	9.15E-02	1.45E-01	---
<i>SAPCD1</i>	410	-1.69	9.12E-02	1.45E-01	-?-
<i>DOC2A</i>	513	-1.68	9.31E-02	1.47E-01	---
<i>FLI1</i>	513	-1.68	9.34E-02	1.47E-01	---
<i>ATPAF2</i>	513	-1.67	9.51E-02	1.49E-01	---
<i>TFAP2C</i>	513	-1.67	9.53E-02	1.49E-01	---
<i>TMEM110</i>	513	-1.66	9.72E-02	1.51E-01	---
<i>SATB2</i>	513	1.65	9.91E-02	1.54E-01	--+
<i>ZSCAN9</i>	513	-1.64	1.01E-01	1.54E-01	---
<i>OGFOD2</i>	513	-1.64	1.02E-01	1.54E-01	---
<i>CLIC1</i>	513	1.64	1.01E-01	1.54E-01	+--
<i>DPCR1</i>	513	-1.65	1.00E-01	1.54E-01	---
<i>HIST1H2AJ</i>	513	-1.64	1.00E-01	1.54E-01	---
<i>SREBF1</i>	513	1.64	1.01E-01	1.54E-01	+--
<i>HLA-DQA2</i>	202	-1.63	1.03E-01	1.56E-01	-??
<i>HIST1H2BJ</i>	513	-1.63	1.04E-01	1.57E-01	---
<i>CILP2</i>	513	-1.62	1.04E-01	1.57E-01	---
<i>PSORS1C1</i>	513	-1.62	1.06E-01	1.59E-01	---
<i>GZMA</i>	513	-1.60	1.09E-01	1.62E-01	---
<i>DUS2</i>	513	-1.60	1.09E-01	1.62E-01	---
<i>PEX10</i>	513	-1.60	1.09E-01	1.62E-01	---
<i>ZNF263</i>	410	-1.60	1.10E-01	1.62E-01	-?-
<i>CNTN4</i>	513	-1.60	1.10E-01	1.62E-01	---
<i>BTN1A1</i>	513	-1.60	1.10E-01	1.62E-01	---
<i>FLOT1</i>	513	1.59	1.13E-01	1.64E-01	--+
<i>WBP1L</i>	513	1.59	1.13E-01	1.64E-01	+--
<i>DDAH2</i>	513	-1.56	1.18E-01	1.72E-01	---

Gene	N	Zscore	P-value	FDR	Direction
<i>C2orf82</i>	513	-1.56	1.19E-01	1.73E-01	---
<i>GDPD3</i>	513	-1.54	1.23E-01	1.78E-01	---
<i>ZKSCAN8</i>	513	-1.54	1.25E-01	1.79E-01	---
<i>CPT1C</i>	513	-1.52	1.28E-01	1.84E-01	---
<i>TAPBP</i>	513	1.52	1.29E-01	1.84E-01	+--
<i>SLCO4C1</i>	513	-1.52	1.29E-01	1.84E-01	---
<i>TSNARE1</i>	513	-1.52	1.29E-01	1.84E-01	---
<i>HIST1H4E</i>	513	1.51	1.31E-01	1.85E-01	--+
<i>GNL3</i>	513	1.49	1.36E-01	1.92E-01	+--
<i>NEK4</i>	513	-1.48	1.39E-01	1.95E-01	---
<i>HAPLN4</i>	513	-1.47	1.41E-01	1.97E-01	---
<i>ZFYVE21</i>	513	-1.47	1.42E-01	1.98E-01	---
<i>NMUR2</i>	513	-1.47	1.43E-01	1.99E-01	---
<i>ACTR5</i>	513	-1.46	1.44E-01	1.99E-01	---
<i>GPANK1</i>	513	-1.46	1.45E-01	2.00E-01	---
<i>LST1</i>	513	-1.45	1.47E-01	2.01E-01	---
<i>CENPM</i>	513	-1.45	1.46E-01	2.01E-01	---
<i>HIST1H3I</i>	513	-1.45	1.47E-01	2.01E-01	---
<i>MAFK</i>	513	-1.45	1.48E-01	2.02E-01	---
<i>HIST1H1T</i>	513	-1.45	1.48E-01	2.02E-01	---
<i>HIST1H1B</i>	513	-1.44	1.49E-01	2.02E-01	---
<i>KLF1</i>	513	-1.44	1.50E-01	2.02E-01	---
<i>CLCN3</i>	513	1.44	1.50E-01	2.03E-01	--+
<i>DAXX</i>	513	1.44	1.51E-01	2.03E-01	+--
<i>CD70</i>	513	-1.43	1.51E-01	2.03E-01	---
<i>DESI1</i>	513	-1.42	1.55E-01	2.06E-01	---
<i>IER3</i>	513	-1.42	1.56E-01	2.07E-01	---
<i>GALNT10</i>	513	-1.42	1.55E-01	2.07E-01	---
<i>NCR3</i>	513	1.42	1.56E-01	2.07E-01	+--
<i>HLA-DOB</i>	513	-1.42	1.57E-01	2.07E-01	---
<i>FTCDNL1</i>	311	-1.40	1.61E-01	2.12E-01	?--
<i>ATG13</i>	513	-1.40	1.62E-01	2.13E-01	---
<i>CPEB1</i>	513	-1.40	1.63E-01	2.13E-01	---
<i>DPEP3</i>	513	-1.39	1.65E-01	2.15E-01	---
<i>MNT</i>	513	1.37	1.71E-01	2.22E-01	+--
<i>SFMBT1</i>	513	-1.36	1.73E-01	2.24E-01	---
<i>LSM1</i>	513	1.35	1.77E-01	2.29E-01	+--
<i>IFNL2</i>	513	-1.32	1.85E-01	2.38E-01	---
<i>HHAT</i>	513	-1.33	1.85E-01	2.38E-01	---
<i>MDK</i>	513	1.31	1.89E-01	2.42E-01	+--
<i>SNX19</i>	513	-1.31	1.91E-01	2.43E-01	---
<i>TMEM243</i>	513	1.31	1.91E-01	2.43E-01	+--
<i>FKBPL</i>	513	-1.30	1.93E-01	2.45E-01	---

Gene	N	Zscore	P-value	FDR	Direction
<i>ETS1</i>	513	-1.30	1.95E-01	2.47E-01	---
<i>HIST1H1E</i>	513	-1.28	2.00E-01	2.53E-01	---
<i>SLC44A4</i>	513	1.27	2.04E-01	2.57E-01	+--
<i>HIST1H3E</i>	311	-1.25	2.10E-01	2.64E-01	?--
<i>PGBD1</i>	513	-1.24	2.14E-01	2.68E-01	---
<i>GTF2H4</i>	513	-1.24	2.16E-01	2.69E-01	---
<i>ZKSCAN4</i>	513	-1.22	2.23E-01	2.78E-01	---
<i>AP3B2</i>	513	-1.21	2.26E-01	2.80E-01	---
<i>HLA-DMA</i>	513	-1.21	2.26E-01	2.80E-01	---
<i>ZNF165</i>	513	-1.19	2.34E-01	2.89E-01	---
<i>ITIH4</i>	513	-1.18	2.38E-01	2.93E-01	---
<i>SPECC1</i>	513	-1.18	2.40E-01	2.94E-01	---
<i>NR1H3</i>	513	-1.17	2.43E-01	2.97E-01	---
<i>USF1</i>	513	-1.16	2.47E-01	3.00E-01	---
<i>BTN3A1</i>	513	1.16	2.46E-01	3.00E-01	+--
<i>MAD1L1</i>	513	-1.15	2.50E-01	3.03E-01	---
<i>ABT1</i>	513	-1.15	2.52E-01	3.03E-01	---
<i>FAM109B</i>	513	-1.15	2.52E-01	3.03E-01	---
<i>PPP1R16B</i>	513	1.14	2.54E-01	3.05E-01	+--
<i>ERCC8</i>	513	1.12	2.63E-01	3.16E-01	+--
<i>KCTD13</i>	513	1.11	2.65E-01	3.17E-01	+--
<i>PCCB</i>	513	1.09	2.77E-01	3.30E-01	--+
<i>PRSS3</i>	513	1.08	2.82E-01	3.36E-01	--+
<i>MICA</i>	305	-1.07	2.83E-01	3.36E-01	--?
<i>PPP4C</i>	311	-1.07	2.86E-01	3.38E-01	?--
<i>HIST1H3B</i>	513	-1.05	2.93E-01	3.45E-01	---
<i>SLC45A1</i>	513	-1.03	3.01E-01	3.54E-01	---
<i>OR12D2</i>	513	-1.01	3.14E-01	3.68E-01	---
<i>MLN</i>	513	-0.99	3.21E-01	3.76E-01	---
<i>ZSCAN12</i>	311	-0.96	3.37E-01	3.93E-01	?--
<i>FES</i>	513	-0.95	3.40E-01	3.96E-01	---
<i>C4B</i>	202	-0.94	3.45E-01	3.99E-01	-??
<i>ZBTB22</i>	311	-0.95	3.44E-01	3.99E-01	?--
<i>HIST1H2BC</i>	513	-0.94	3.46E-01	4.00E-01	---
<i>PRRG2</i>	513	-0.92	3.58E-01	4.12E-01	---
<i>SHISA8</i>	513	-0.90	3.69E-01	4.23E-01	---
<i>CACNB2</i>	513	0.90	3.71E-01	4.25E-01	--+
<i>LEMD2</i>	513	-0.89	3.75E-01	4.28E-01	---
<i>HLA-A</i>	513	0.88	3.81E-01	4.34E-01	+--
<i>NGEF</i>	513	-0.87	3.84E-01	4.37E-01	---
<i>ZKSCAN3</i>	513	-0.87	3.86E-01	4.37E-01	---
<i>ARPC3</i>	513	0.85	3.93E-01	4.44E-01	--+
<i>UBD</i>	202	-0.83	4.05E-01	4.57E-01	-??

Gene	N	Zscore	P-value	FDR	Direction
<i>MYO15A</i>	513	-0.83	4.07E-01	4.58E-01	---
<i>CYP21A2</i>	410	-0.81	4.16E-01	4.66E-01	-?-
<i>TRIM38</i>	513	0.80	4.21E-01	4.71E-01	+--
<i>HLA-DQA1</i>	311	-0.79	4.30E-01	4.80E-01	?--
<i>KLF4</i>	513	-0.78	4.34E-01	4.83E-01	---
<i>RAB27B</i>	513	0.76	4.46E-01	4.95E-01	+--
<i>INA</i>	513	-0.76	4.47E-01	4.95E-01	---
<i>XPNPEP3</i>	513	0.75	4.55E-01	5.02E-01	+--
<i>C6orf15</i>	513	-0.75	4.55E-01	5.02E-01	---
<i>SLC4A1AP</i>	513	0.74	4.59E-01	5.05E-01	--+
<i>PRSS16</i>	513	-0.73	4.65E-01	5.09E-01	---
<i>SLC17A2</i>	513	-0.72	4.73E-01	5.18E-01	---
<i>CSDC2</i>	513	-0.71	4.77E-01	5.20E-01	---
<i>NFATC3</i>	513	0.69	4.90E-01	5.33E-01	+--
<i>NDUFA13</i>	305	-0.68	4.95E-01	5.38E-01	--?
<i>BTNL2</i>	311	-0.68	4.98E-01	5.39E-01	?--
<i>SERPIND1</i>	513	-0.67	5.05E-01	5.44E-01	---
<i>ITIH3</i>	513	-0.67	5.05E-01	5.44E-01	---
<i>DFNA5</i>	513	-0.66	5.11E-01	5.49E-01	---
<i>AKT3</i>	513	0.65	5.16E-01	5.51E-01	--+
<i>MMP9</i>	513	-0.65	5.16E-01	5.51E-01	---
<i>SFTA2</i>	513	-0.64	5.20E-01	5.55E-01	---
<i>WBP2NL</i>	513	-0.62	5.33E-01	5.67E-01	---
<i>MYOG</i>	513	-0.60	5.48E-01	5.81E-01	---
<i>VSTM2L</i>	513	-0.59	5.53E-01	5.85E-01	---
<i>KLC1</i>	513	0.53	5.93E-01	6.26E-01	--+
<i>HIST1H4K</i>	202	-0.53	5.97E-01	6.29E-01	-??
<i>NMB</i>	513	-0.52	6.00E-01	6.31E-01	---
<i>JUND</i>	513	0.51	6.14E-01	6.43E-01	+--
<i>PPM1M</i>	513	-0.50	6.15E-01	6.43E-01	---
<i>ZFP57</i>	513	-0.49	6.28E-01	6.55E-01	---
<i>REEP2</i>	513	-0.44	6.58E-01	6.84E-01	---
<i>POM121L2</i>	311	-0.44	6.61E-01	6.86E-01	?--
<i>C6orf48</i>	513	0.43	6.67E-01	6.91E-01	+--
<i>C4A</i>	202	-0.39	6.97E-01	7.20E-01	-??
<i>EGFL8</i>	202	-0.34	7.35E-01	7.58E-01	-??
<i>HIST1H3C</i>	513	-0.33	7.41E-01	7.61E-01	---
<i>RERE</i>	513	0.33	7.41E-01	7.61E-01	+--
<i>APOPT1</i>	513	-0.21	8.34E-01	8.54E-01	--+
<i>ALMS1</i>	513	0.20	8.39E-01	8.57E-01	--+
<i>EGR1</i>	513	-0.20	8.41E-01	8.57E-01	--+
<i>DDR1</i>	410	0.17	8.63E-01	8.77E-01	+?-
<i>C2orf47</i>	513	0.14	8.85E-01	8.98E-01	+--

Gene	N	Zscore	P-value	FDR	Direction
<i>FOXP1</i>	513	-0.13	8.94E-01	9.04E-01	+--
<i>LY6G5B</i>	202	-0.11	9.11E-01	9.19E-01	-??
<i>CDK2AP1</i>	311	-0.10	9.22E-01	9.28E-01	?--
<i>CUL3</i>	513	0.08	9.40E-01	9.42E-01	--+
<i>PSMG3</i>	513	0.08	9.39E-01	9.42E-01	--+
<i>BAG6</i>	513	-0.04	9.72E-01	9.72E-01	+--

NOTE: N means the number of subjects in meta analyses.