

Supplementary Table 3

Summary of results for the gene-based association analysis on results of COGA and SAGE meta-analysis ($P < 5 \times 10^{-4}$)

Chr	Gene	nSNPs	Start ^a	Stop ^a	Test	Pvalue ^b	Best-SNP	SNP-pvalue ^c
14	EXOC5	78	56738946	56805370	979.36	2.80E-05	rs11851015	8.64E-06
7	SLC26A4	85	107088315	107145488	613.84	3.10E-05	rs1858930	1.10E-05
14	C14orf108	43	56805379	56826545	575.06	5.00E-05	rs7155721	2.96E-05
19	ZNF225	62	49309387	49329095	568.16	5.50E-05	rs8108021	6.22E-05
2	ESPNL	96	238673689	238706667	503.91	5.80E-05	rs1374479	6.23E-05
19	ZNF234	56	49337617	49354116	498.46	5.80E-05	rs9304638	7.16E-05
19	ZNF224	68	49290336	49304317	630.11	5.90E-05	rs8108021	6.22E-05
19	ZNF284	73	49268136	49283463	772.85	7.60E-05	rs8108021	6.22E-05
2	UBE2F	111	238540438	238615421	1103.87	8.30E-05	rs1374479	6.23E-05
19	ZNF223	79	49248003	49263982	765.14	1.03E-04	rs8108021	6.22E-05
2	SCLY	108	238634370	238672793	876.22	1.15E-04	rs1374479	6.23E-05
4	TLR10	81	38450646	38460984	585.50	1.56E-04	rs5743604	4.08E-06
7	CBLL1	84	107171821	107187262	541.86	1.77E-04	rs982915	1.27E-05
4	TLR1	77	38474270	38482807	549.75	1.91E-04	rs5743604	4.08E-06
4	TLR1	77	38474270	38482807	549.75	1.94E-04	rs5743604	4.08E-06
6	SLC22A16	135	110852600	110904537	531.22	2.31E-04	rs6922009	6.61E-04
12	OS9	60	56374152	56401607	471.44	4.04E-04	rs1629032	2.43E-04
2	PLCL1	254	198377777	198721365	1773.33	4.13E-04	rs745899	4.24E-06
22	DGCR6L	10	18681799	18687608	68.94	4.25E-04	rs11913556	1.72E-04
22	DERL3	123	22506689	22511201	658.90	4.95E-04	rs17003930	1.34E-04

^a The start and end position of the gene (BP) based on human genome build 19; ^b P value for the gene based analysis; ^c P value of the strongest SNP in the gene