

Gene	tissue	topSNP		OR (95% CI)	FDR
SCFD1	Whole_Blood	rs448175	■	0.937 (0.911 to 0.964)	0.000
RPSA	Whole_Blood	rs478514	■	1.168 (1.098 to 1.239)	0.001
CNP	Whole_Blood	rs4432296	■	1.068 (1.038 to 1.099)	0.001
MIS12	Whole_Blood	rs11658701	■	0.890 (0.829 to 0.951)	0.002
KANSL1-AS1	Whole_Blood	rs199456	■	0.988 (0.981 to 0.994)	0.002
TUBB6	Whole_Blood	rs12954560	■	1.026 (1.012 to 1.040)	0.002
RP11-259G18.2	Whole_Blood	rs111985258	■	0.986 (0.979 to 0.994)	0.002
DND1P1	Whole_Blood	rs184745911	■	0.988 (0.982 to 0.995)	0.002
CRHR1-IT1	Whole_Blood	rs74807476	■	0.974 (0.960 to 0.989)	0.002
SAMM50	Whole_Blood	rs79543448	■	0.952 (0.925 to 0.979)	0.002
NUP50	Whole_Blood	rs132844	■	0.906 (0.851 to 0.961)	0.002
YTHDC2	Whole_Blood	rs2914197	■	0.906 (0.850 to 0.961)	0.002
TNPO3	Whole_Blood	rs12537496	■	0.953 (0.926 to 0.980)	0.002
POMZP3	Whole_Blood	rs10258554	■	1.021 (1.009 to 1.032)	0.002
IGKV1-13	Whole_Blood	rs57535128	■	0.970 (0.953 to 0.987)	0.002
RP11-259G18.3	Whole_Blood	rs2696673	■	0.989 (0.982 to 0.995)	0.002
LRRC37A4P	Whole_Blood	rs1724390	■	1.012 (1.005 to 1.019)	0.002
IGHV1-3	Whole_Blood	rs8021848	■	0.961 (0.939 to 0.983)	0.002
RP11-707O23.5	Whole_Blood	rs2696673	■	0.988 (0.981 to 0.995)	0.002
IGHV1-2	Whole_Blood	rs8021848	■	1.057 (1.026 to 1.089)	0.002
ERAP1	Whole_Blood	rs7063	■	1.022 (1.010 to 1.034)	0.002
IGHV3-43	Whole_Blood	rs12435340	■	1.087 (1.039 to 1.134)	0.002
UNC13D	Whole_Blood	rs8069105	■	1.126 (1.058 to 1.193)	0.002
IRF5	Whole_Blood	rs13238352	■	1.092 (1.042 to 1.143)	0.002
RBMS2	Whole_Blood	rs2638334	■	0.976 (0.962 to 0.990)	0.002
MAP1LC3A	Whole_Blood	rs6060124	■	1.109 (1.049 to 1.168)	0.002
IGKV1D-17	Whole_Blood	rs57535128	■	0.957 (0.932 to 0.983)	0.002
IGHV1-14	Whole_Blood	rs2338396	■	1.080 (1.035 to 1.125)	0.002
AC007278.3	Whole_Blood	rs10208293	■	0.952 (0.923 to 0.980)	0.002
IGHV3-20	Whole_Blood	rs12435340	■	1.099 (1.044 to 1.155)	0.002