S3 Table. SNPs selected for the genetic risk score calculation and their associations with the risk of colorectal cancer[a)]

SNP	Allele[a)]		RAF in control	Ln (OR)	Colorectal cancer		Colon cancer		Rectal cancer	
	A1	A2			OR (95% CI)	p-value	OR (95% CI)	p-value	OR (95% CI)	p-value
rs647161	A	C	28.9	0.231	1.26 (1.10-1.45)	0.001	1.30 (1.09-1.55)	0.004	1.21 (1.01-1.46)	0.038
rs6983267	G	T	42.6	0.182	1.20 (1.06-1.37)	0.006	1.26 (1.07-1.49)	0.007	1.14 (0.96-1.35)	0.138
rs7014346	A	G	29.3	0.148	1.16 (1.01-1.33)	0.039	1.23 (1.03-1.47)	0.021	1.09 (0.91-1.32)	0.343
rs10505477	A	G	42.1	0.191	1.21 (1.06-1.38)	0.004	1.27 (1.08-1.50)	0.005	1.15 (0.97-1.36)	0.118
rs10795668	G	A	61.2	0.166	1.18 (1.03-1.35)	0.017	1.24 (1.04-1.48)	0.016	1.14 (0.96-1.37)	0.137
rs704017	G	A	33.8	0.157	1.17 (1.02-1.34)	0.025	1.21 (1.02-1.43)	0.036	1.12 (0.93-1.34)	0.226
rs11196172	A	G	72.9	0.191	1.21 (1.04-1.40)	0.015	1.18 (0.97-1.43)	0.100	1.24 (1.02-1.52)	0.034
rs174537	G	T	67.4	0.215	1.24 (1.07-1.43)	0.003	1.17 (0.97-1.40)	0.102	1.33 (1.10-1.61)	0.003
rs174550	T	C	67.2	0.182	1.20 (1.04-1.38)	0.013	1.11 (0.93-1.33)	0.247	1.30 (1.08-1.58)	0.006
rs1535	A	G	67.5	0.182	1.20 (1.04-1.38)	0.012	1.13 (0.94-1.36)	0.182	1.29 (1.06-1.55)	0.009
rs4779584	T	C	84.3	0.199	1.22 (1.01-1.47)	0.040	1.21 (0.95-1.55)	0.121	1.24 (0.97-1.59)	0.091
rs10411210	C	T	78.9	0.329	1.39 (1.17-1.66)	< 0.001	1.31 (1.05-1.63)	0.017	1.45 (1.15-1.83)	0.002
rs2423279	T	C	26.7	0.174	1.19 (1.03-1.37)	0.017	1.21 (1.01-1.46)	0.035	1.21 (1.01-1.46)	0.097

SNP, single nucleotide polymorphism; A1, the risk allele; A2, the reference allele; RAF, risk allele frequency; OR, adds ratio; CI, confidence interval.

[a)]SNP data showing significant associations with the risk of colorectal cancer in the present study selected to calculate the genetic risk score.