

Table S7. Results of quality control procedures for four SNPs including rs76280383 in *RNF41*, rs77394186 in *NABP2*, rs7311505 in *NABP2*, and rs11171781 in *SLC39A5*. These four SNPs fulfilled the given requirements by quality control procedures (see note below).

Chr	Gene	SNP	MAF	Genotyping call rate	P (HWE)
12	<i>RNF41</i>	rs76280383	0.125	100%	0.909
12	<i>NABP2</i>	rs77394186	0.108	100%	0.491
12	<i>NABP2</i>	rs7311505	0.150	100%	0.536
12	<i>SLC39A5</i>	rs11171781	0.122	100%	0.615

Chr = chromosome, MAF = minor allele frequency, HWE = Hardy-Weinberg equilibrium.

Note: Quality control procedures were performed to exclude problematic SNPs from further analysis that were not in Hardy-Weinberg equilibrium (HWE) (with a P-value less than 1×10^{-6}) or had a genotyping call rate less than 90% or $MAF < 5\%$.