

Supplementary Table 1. Genetic information associated with BMI after adjusting for sex, age, and area ($p < 5.00 \times 10^{-05}$)

Top	SNP	Chr	Position (bp)	Gene	Risk allele	p-value
1	rs17178527	6	141947773	<i>AK097143</i>	A	1.76×10^{-08}
2	rs9939609	16	52378028	<i>FTO</i>	A	1.43×10^{-06}
3	rs11000212	10	73625658	<i>ASCC1</i>	C	1.45×10^{-06}
4	rs9926289	16	52378004	<i>FTO</i>	C	2.45×10^{-06}
5	rs8050136	16	52373776	<i>FTO</i>	A	2.91×10^{-06}
6	rs7193144	16	52368187	<i>FTO</i>	A	3.42×10^{-06}
7	rs527248	1	176142137	-	A	7.01×10^{-06}
8	rs17130257	1	88342965	-	C	1.91×10^{-05}
9	rs17089410	13	71963496	-	C	2.38×10^{-05}
10	rs16953563	15	64473824	<i>MAP2K1</i>	A	3.09×10^{-05}
11	rs17089409	13	71963167	-	A	3.09×10^{-05}
12	rs11893160	2	105411552	<i>FHL2</i>	A	3.19×10^{-05}
13	rs6893893	5	160151601	<i>ATP10B</i>	A	3.39×10^{-05}
14	rs792965	5	172207869	<i>ERGIC1</i>	C	3.60×10^{-05}
15	rs1281296	1	180173334	<i>ZNF648</i>	C	4.47×10^{-05}
16	rs11193517	10	109243058	-	G	4.82×10^{-05}
17	rs12142366	1	79152758	<i>ELTD1</i>	G	4.85×10^{-05}
18	rs17851970	15	64400019	-	C	4.87×10^{-05}
19	rs1399903	3	162876798	-	A	4.95×10^{-05}

BMI, body mass index; SNP, single nucleotide polymorphism; Chr, chromosome.