

1 **Table S1.** Baseline characteristics of the participants included in the GWAS on coffee consumption

	<b>Non-coffee consumers (n=1,788)</b>	<b>Coffee consumers (n=6,080)</b>
Age, mean $\pm$ SD (years)	54.7 $\pm$ 9.0	50.8 $\pm$ 8.6
Sex, n (%)		
Men	645 (36.1)	3,040 (50.0)
Women	1,143 (64.9)	3,040 (50.0)
BMI, mean $\pm$ SD (kg/m <sup>2</sup> )	24.1 $\pm$ 3.2	24.7 $\pm$ 3.1
Alcohol consumption, n (%)		
Never drinkers	1,184 (66.2)	2,949 (48.5)
$\leq$ 5 g/day	215 (12.0)	1,112 (18.3)
5 to $\leq$ 10 g/day	73 (4.1)	462 (7.6)
10 to $\leq$ 20 g/day	108 (6.1)	554 (9.1)
$>$ 20 g/day	208 (11.6)	1,003 (16.5)

3 Abbreviations: SD, standard deviation; BMI, body mass index.

4 **Table S2.** The significant SNPs discovered from the GWAS on coffee consumption

Chr	SNP	Position	Locus	Minor allele	Major allele	OR <sup>1</sup>	Beta <sup>2</sup>	P-value <sup>3</sup>
12	rs2074356	112,645,401	12q24.13	A	G	1.375	0.3185	6.62 × 10 <sup>-8</sup>
12	rs116873087	112,511,913	12q24.13	C	G	1.343	0.2949	1.68 × 10 <sup>-7</sup>
12	rs144504271	112,627,350	12q24.13	A	G	1.352	0.3016	1.74 × 10 <sup>-7</sup>
12	rs3782886	112,110,489	12q24.12	C	T	1.330	0.2852	2.67 × 10 <sup>-7</sup>
12	rs11066001	112,119,171	12q24.12	C	T	1.330	0.2852	3.75 × 10 <sup>-7</sup>
12	rs79105258	111,718,231	12q24.11	A	C	1.338	0.2912	3.89 × 10 <sup>-7</sup>
12	rs4646776	112,230,019	12q24.12	C	G	1.322	0.2791	4.75 × 10 <sup>-7</sup>
12	rs12231737	112,574,616	12q24.13	T	C	1.318	0.2761	5.07 × 10 <sup>-7</sup>
12	rs3809297	111,609,727	12q24.11	T	G	1.326	0.2822	5.26 × 10 <sup>-7</sup>
12	rs671	112,241,766	12q24.12	A	G	1.317	0.2754	6.67 × 10 <sup>-7</sup>
12	rs2188380	111,386,127	12q24.11	C	T	1.336	0.2897	1.21 × 10 <sup>-6</sup>
12	rs149607519	111,389,437	12q24.11	G	C	1.336	0.2897	1.21 × 10 <sup>-6</sup>
12	rs11065828	111,629,389	12q24.11	A	C	1.304	0.2654	1.26 × 10 <sup>-6</sup>
12	rs12229654	111,414,461	12q24.11	G	T	1.332	0.2867	1.49 × 10 <sup>-6</sup>
12	rs11066325	112,930,475	12q24.13	C	T	1.293	0.2570	5.13 × 10 <sup>-6</sup>
12	rs12227162	111,367,244	12q24.11	T	C	1.315	0.2738	5.51 × 10 <sup>-6</sup>
12	rs11066280	112,817,783	12q24.13	A	T	1.283	0.2492	6.02 × 10 <sup>-6</sup>
12	rs11066015	112,168,009	12q24.12	A	G	1.280	0.2469	7.79 × 10 <sup>-6</sup>

5 Abbreviations: Chr, chromosome; SNP, single nucleotide polymorphism; OR, odds ratio. <sup>1</sup> Odds ratio for the  
6 habitual coffee consumption; <sup>2</sup> Beta (β) coefficient was obtained from the GWAS; <sup>3</sup> P-value was calculated using  
7 a Wald test from logistic regression model adjusted for age (years; continuous), sex, and alcohol consumption  
8 (g/day; continuous).

9 **Table S3.** The significant SNPs discovered from the GWAS on coffee consumption after additionally adjusted  
 10 for BMI

Chr	SNP	Position	Locus	Minor allele	Major allele	OR <sup>1</sup>	Beta <sup>2</sup>	P-value <sup>3</sup>
12	rs2074356	112,645,401	12q24.13	A	G	1.386	0.3264	$3.31 \times 10^{-8}$
12	rs144504271	112,627,350	12q24.13	A	G	1.364	0.3104	$8.02 \times 10^{-8}$
12	rs116873087	112,511,913	12q24.13	C	G	1.351	0.3008	$1.06 \times 10^{-7}$
12	rs3782886	112,110,489	12q24.12	C	T	1.341	0.2934	$1.37 \times 10^{-7}$
12	rs11066001	112,119,171	12q24.12	C	T	1.341	0.2934	$1.94 \times 10^{-7}$
12	rs79105258	111,718,231	12q24.11	A	C	1.346	0.2971	$2.44 \times 10^{-7}$
12	rs12231737	112,574,616	12q24.13	T	C	1.326	0.2822	$3.07 \times 10^{-7}$
12	rs4646776	112,230,019	12q24.12	C	G	1.329	0.2844	$3.09 \times 10^{-7}$
12	rs3809297	111,609,727	12q24.11	T	G	1.333	0.2874	$3.41 \times 10^{-7}$
12	rs671	112,241,766	12q24.12	A	G	1.324	0.2807	$4.33 \times 10^{-7}$
12	rs2188380	111,386,127	12q24.11	C	T	1.348	0.2986	$6.10 \times 10^{-7}$
12	rs149607519	111,389,437	12q24.11	G	C	1.348	0.2986	$6.10 \times 10^{-7}$
12	rs12229654	111,414,461	12q24.11	G	T	1.343	0.2949	$8.10 \times 10^{-7}$
12	rs11065828	111,629,389	12q24.11	A	C	1.306	0.2670	$1.16 \times 10^{-6}$
12	rs11066325	112,930,475	12q24.13	C	T	1.304	0.2654	$2.77 \times 10^{-6}$
12	rs12227162	111,367,244	12q24.11	T	C	1.326	0.2822	$2.93 \times 10^{-6}$
12	rs11066280	112,817,783	12q24.13	A	T	1.291	0.2554	$3.85 \times 10^{-6}$
12	rs11066015	112,168,009	12q24.12	A	G	1.285	0.2508	$5.70 \times 10^{-6}$

11 Abbreviations: Chr, chromosome; SNP, single nucleotide polymorphism; OR, odds ratio. <sup>1</sup> Odds ratio for the  
 12 habitual coffee consumption; <sup>2</sup> Beta ( $\beta$ ) coefficient was obtained from the GWAS; <sup>3</sup> P-value was calculated using  
 13 a Wald test from logistic regression model adjusted for age (years; continuous), sex, alcohol consumption (g/day;  
 14 continuous), and body mass index (BMI, <23, 23 to <25, 25 to <30 and  $\geq 30$  kg/m<sup>2</sup>).