

Table S2. Distribution of genotypes for SNP rs1051730/rs16969968, minor allele frequency and p-value from test for Hardy-Weinberg equilibrium (HWE)

Study	Major homozygotes	Heterozygotes	Minor homozygotes	MAF	HWE p-value
1958 BC	2,178	2,230	614	0.34	0.4
ALSPAC children	740	752	172	0.33	0.37
ALSPAC mothers	711	664	155	0.32	1
BRHS	1,631	1,540	405	0.33	0.15
BWHHS	1,591	1,625	399	0.34	0.59
Caerphilly	523	512	120	0.33	0.75
CHDS	286	273	55	0.31	0.37
CoLaus	1,778	1,980	547	0.36	0.91
Dan-MONICA	993	1,000	252	0.33	0.83
EFSOCH	568	523	124	0.32	0.82
ELSA	2,265	2,169	544	0.33	0.47
Finrisk	9,251	8,979	2,138	0.32	0.59
GEMINAKAR	530	477	113	0.32	0.43
Generation Scotland	3,261	3,251	782	0.33	0.52
GOYA males	443	473	99	0.34	0.2
GOYA females	338	329	98	0.33	0.09
HBCS	699	746	181	0.34	0.39
Health 2006	1,436	1,429	346	0.33	0.77
Health 2008	291	269	64	0.32	0.87
HUNT	24,621	24,579	6,276	0.33	0.23
Inter 99	2,364	2,423	612	0.34	0.63
Midspan	953	931	215	0.33	0.87
NFBC 1966	1,711	1,612	406	0.33	0.38
NFBC 1986	554	521	96	0.3	0.08
NHANES	864	928	253	0.35	0.88

NSHD	827	760	164	0.32	0.36
NTR	1,727	1,607	384	0.32	0.72
PROSPER	2,403	2,244	498	0.31	0.56
Whitehall II (phase 3)	1,276	1,261	299	0.33	0.50
Whitehall II (phase 7)	1,285	1,317	319	0.33	0.50