

SUPPLEMENTAL MATERIAL

SUPPLEMENTAL TABLES

Supplementary Table 1 Genotyped candidate genes and SNP totals

Gene	Chromosome	Total SNPs genotyped	No. SNPs genotyped in CG1 panel	No. SNPs genotyped in CG2 panel
ABCA1	9	6	2	4
ABCA4	1	43	0	43
ABCC1	16	27	27	0
ABCG1	21	40	40	0
ABCG4	11	5	0	5
ACE	17	26	26	0
ACTA1	1	4	0	4
ADH1B	4	2	0	2
ADH1C	4	2	0	2
ADIPOQ	3	13	13	0
ADIPOR1	1	9	0	9
ADORA2A	22	14	14	0
ADORA2B	17	11	11	0
ADRB2	5	8	4	4
AGER	6	7	2	5
AGT	1	11	11	0
AGTR1	3	16	16	0
AGTR2	X	8	8	0
AIMs	-	209	97	112
AKT1	14	16	0	16
ALDH2	12	1	0	1
ALOX12	17	15	15	0
ALOX15	17	13	13	0
ALOX5	10	19	19	0
ALOX5AP	13	17	17	0
AMPD1	1	11	11	0
AMPD2	1	6	6	0
APCS	1	5	5	0
APOA1	11	2	0	2
APOA2	1	5	0	5
APOA4	11	4	0	4

APOA5	11	20	0	20
APOB	2	13	0	13
APOC2	19	2	0	2
APOC3	11	4	0	4
APOE	19	7	7	0
ARMS2	10	7	0	7
ATG9B	7	3	3	0
BHMT	5	6	6	0
BHMT2	5	5	5	0
C2	6	19	0	19
C3	19	3	3	0
C5	9	26	0	26
CACNA1H	16	10	0	10
CANT1	17	1	0	1
CAPN10	2	12	11	1
CAPN5	11	14	0	14
CAV1	7	15	0	15
CAV2	7	13	0	13
CBS	21	15	15	0
CCL11	17	4	0	4
CCL2	17	18	18	0
CD14	5	11	0	11
CD36	7	10	10	0
CD40	20	7	0	7
CD40LG	X	12	12	0
CEL	9	3	0	3
CETP	16	9	6	3
CFH	1	27	26	1
CHUK	10	8	0	8
COL4A1	13	22	0	22
CRP	1	14	10	4
CTH	1	10	10	0
CYP11B2	8	15	15	0
CYP1A1	15	5	0	5
CYP2E1	10	2	0	2
DMPK	19	8	0	8
EDG1	1	10	10	0
EDG5	19	8	8	0
EDN1	6	4	4	0
EFEMP1	2	25	0	25
ELN	7	9	0	9

ERCC6	10	14	0	14
ESR1	6	44	44	0
ESR2	14	12	12	0
F13A1	6	22	22	0
F13B	1	16	16	0
F2	11	7	7	0
F5	1	15	15	0
FABP2	4	4	4	0
FBLN5	14	32	0	32
FEM1A	19	4	0	4
FEM1B	15	10	0	10
FGA	4	4	4	0
FGB	4	10	10	0
FGG	4	6	6	0
FOXO1	13	24	0	24
GCG	2	9	0	9
GCK	7	24	15	9
GNAS	20	15	15	0
GNB3	12	2	0	2
GPR132	14	4	4	0
GRK4	4	23	23	0
GSTM1	1	8	0	8
GSTP1	11	13	0	13
GSTT1	22	9	0	9
HMCN1	1	27	0	27
HMGCR	5	10	10	0
HNF4A	20	10	10	0
HTRA1	10	3	0	3
ICAM1	19	13	13	0
ID3	1	7	0	7
IFNG	12	4	4	0
IFNGR1	6	11	11	0
IFNGR2	21	6	6	0
IGF1	12	17	17	0
IGF2	11	17	7	10
IGF2AS	11	2	2	0
IGFBP1	7	11	0	11
IGFBP2	2	18	0	18
IGFBP3	7	8	0	8
IKBKG	X	3	0	3
IL10	1	7	7	0

IL13	5	11	0	11
IL1A	2	5	0	5
IL1B	2	11	11	0
IL1R1	2	13	0	13
IL1R2	2	10	0	10
IL1RN	2	4	0	4
IL4	5	3	3	0
IL6	7	8	8	0
IL8	4	7	0	7
INSIG2	2	12	0	12
INSR	19	17	17	0
IRAK1	X	8	8	0
KCNK1	1	27	0	27
KCNK2	1	60	0	60
LCAT	16	7	0	7
LDLR	19	13	13	0
LIPG	18	1	0	1
LMNA	1	7	0	7
LPA	6	14	14	0
LPL	8	46	27	19
LRP1	12	15	15	0
LRP5	11	40	0	40
LTA	6	14	14	0
LTB	6	2	2	0
MASP2	1	6	0	6
MBL2	10	6	0	6
MME	3	30	0	30
MMP3	11	10	10	0
MRPL10	17	1	1	0
MS4A2	11	12	0	12
MSH3	5	1	0	1
MTHFR	1	10	10	0
MTR	1	21	21	0
MTRR	5	8	8	0
MYO7A	11	2	0	2
NCF1	7	2	0	2
NFE2L2	2	12	0	12
NFKB1	4	19	19	0
NFKB2	10	7	0	7
NFKBIA	14	12	10	2
NFKBIB	19	11	11	0

NFKBIE	6	7	0	7
NOS1AP	1	28	0	28
NOS3	7	14	14	0
NPPA	1	5	0	5
NR1H2	19	6	0	6
NR1H4	12	22	0	22
NR3C1	5	11	11	0
OLFML2B	1	7	0	7
OLR1	12	8	8	0
PAX6	11	6	6	0
PCSK9	1	16	0	16
PDE4D	5	40	40	0
PDYN	20	1	0	1
PLA2G7	6	17	0	17
PLAT	8	8	8	0
PLEKHA1	10	16	0	16
PLTP	20	9	0	9
PON1	7	19	19	0
PON2	7	10	10	0
PON3	7	8	8	0
PPARA	22	28	0	28
PPARD	6	15	0	15
PPARG	3	38	38	0
PPARGC1	4	35	0	35
PRKAA1	5	9	0	9
PRKAA2	1	18	18	0
PRKAB1	12	8	0	8
PRKAB2	1	11	0	11
PRKAG1	12	2	0	2
PRKAG2	7	17	0	17
PRKAG3	2	7	0	7
PTGS1	9	15	15	0
PTGS2	1	8	8	0
PTPN1	20	28	28	0
RETN	19	5	0	5
RGS2	1	2	0	2
RGS9	17	10	10	0
RGS9BP	19	6	6	0
SCAP	3	11	0	11
SCARB1	12	43	0	43
SCNN1A	12	10	10	0

SCNN1B	16	13	13	0
SCNN1G	16	9	9	0
SELE	1	9	9	0
SELL	1	2	2	0
SELP	1	13	13	0
SELS	15	8	0	8
SERPINA1	14	11	11	0
SERPINE1	7	9	9	0
SLC2A1	1	19	0	19
SLC2A4	17	8	0	8
SOD2	6	6	0	6
SOD3	4	4	4	0
SORCS1	10	5	5	0
SREBF1	17	6	0	6
SREBF2	22	30	0	30
TCF7L2	10	66	0	66
TCN1	11	3	3	0
TCN2	22	18	18	0
THBD	20	7	7	0
TLR2	4	9	9	0
TLR4	9	14	14	0
TLR7	X	6	6	0
TLR9	3	5	5	0
TNF	6	6	6	0
TNFAIP3	6	14	0	14
TNFRSF1A	12	16	16	0
TPO	2	1	0	1
UCP1	4	14	0	14
UCP2	11	10	0	10
UCP3	11	7	0	7
VCAM1	1	17	17	0
VEGFA	6	13	11	2
VEGFB	11	1	1	0
VKORC1	16	1	0	1
VWF	12	49	49	0
WRN	8	16	0	16
WWTR1	3	1	0	1

Supplementary Table 2 Variables with log Bayes Factors > 0

Rank	Variable	Log Bayes Factor	Chromosome
1	Age	49.45	-
2	Sex	22.48	-
3	rs2380316	13.63	X
4	rs1716758	12.99	X
5	Diabetes	8.33	-
6	rs1011526	7.58	X
7	rs760866	7.26	X
8	rs179016	7.01	X
9	rs953114	6.57	X
10	rs1935074	6.17	X
11	Systolic blood pressure (mmHg)	6.02	-
12	rs525869	5.82	X
13	rs179012	5.67	X
14	Hypertension (JNCVI)	5.45	-
15	rs1558022	4.52	X
16	rs1152324	4.33	X
17	rs1277959	4.26	X
18	rs1882719	4.12	X
19	rs980099	4.02	X
20	rs734329	4.01	X
21	rs179019	3.67	X
22	HDL Cholesterol (mg/dl)	2.90	-
23	Smoking	2.63	-
24	rs6608590	2.6	X
25	rs4681443	2.52	3
26	rs916055	2.26	17
27	rs718858	2.23	3
28	rs179009	2.02	X
29	Body Mass Index (kg/m ²)	1.99	-
30	rs1035941	1.55	19
31	rs2200290	1.47	X
32	rs1403543	1.44	X
33	rs2695	1.43	9
34	rs5741880	1.4	X
35	rs278145	1.3	12
36	rs1978240	1.25	X
37	rs4851526	1.22	2

38	rs4076107	1.15	X
39	rs762656	1.02	X
40	rs1952586	0.91	14
41	rs11691240	0.84	2
42	rs7061789	0.75	X
43	rs278143	0.63	12
44	rs278148	0.63	12
45	rs278152	0.63	12
46	(LDL/HDL) Cholesterol	0.61	-
47	rs633	0.52	X
48	rs701203	0.38	1
49	rs4213	0.31	12
50	rs12432450	0.30	14
51	rs1800206	0.24	22
52	Education	0.21	-
53	rs2498852	0.20	14
54	rs699946	0.20	6
55	rs3027898	0.06	X
56	rs1867024	0.05	X
57	rs854542	0.05	7
58	rs7756935	0.04	6
59	rs6502804	0.02	17