

Supplementary Table 1. Associations of 23 SNPs with poor glycemic control (groups 2 and 3)

No.	Chr	SNP	A1 (minor)	A2 (major)	MAF	Gene	OR (95% CI)	P for interaction with sex
1	6	rs10440833	A	T	0.4672	<i>CDKAL1</i>	1.53 (1.14–2.05)	0.040
2	10	rs7901695	G	A	0.0296	<i>TCF7L2</i>	1.46 (0.59–3.64)	0.442
3	6	rs4712523	G	A	0.4912	<i>CDKAL1</i>	1.58 (1.17–2.14)	0.041
4	6	rs7754840	C	G	0.4809	<i>CDKAL1</i>	1.62 (1.20–2.18)	0.044
5	6	rs4712524	G	A	0.4809	<i>CDKAL1</i>	1.62 (1.20–2.18)	0.044
6	11	rs2237895	C	A	0.3056	<i>KCNQ1</i>	0.93 (0.67–1.28)	0.856
7	3	rs1470579	C	A	0.3109	<i>IGF2BP2</i>	0.86 (0.63–1.18)	0.588
8	6	rs10946398	C	A	0.4810	<i>CDKAL1</i>	1.62 (1.20–2.18)	0.044
9	6	rs9295474	G	C	0.4932	<i>CDKAL1</i>	1.54 (1.14–2.07)	0.024
10	13	rs576674	G	A	0.1674	<i>TOMM22P3, KL</i>	1.17 (0.79–1.74)	0.681
11	2	rs7593730	A	G	0.1693	<i>RBMS1</i>	1.21 (0.82–1.78)	0.823
12	11	rs5219	A	G	0.3921	<i>KCNJ11</i>	0.83 (0.60–1.16)	0.487
13	10	rs5015480	G	A	0.1966	<i>HHEX, AL590080.1</i>	1.05 (0.73–1.51)	0.882
14	11	rs1387153	A	G	0.4274	<i>AP003171.1, SNRPGP16</i>	0.91 (0.68–1.22)	0.418
15	17	rs4430796	G	A	0.3237	<i>HNF1B</i>	1.00 (0.73–1.35)	0.727
16	15	rs11634397	G	A	0.0877	<i>ZFAND6, FAH</i>	1.48 (0.88–2.50)	0.564
17	2	rs2943641	A	G	0.0548	<i>MIR5702, AC062015.1</i>	0.98 (0.49–1.97)	0.340
18	9	rs635634	A	G	0.2607	<i>AL772161.2, ABO</i>	1.00 (0.73–1.37)	0.381
19	3	rs4402960	A	C	0.2889	<i>IGF2BP2</i>	0.94 (0.68–1.28)	0.896
20	9	rs10758593	A	G	0.3797	<i>GLIS3</i>	0.81 (0.60–1.09)	0.673
21	12	rs1153188	A	T	0.0219	<i>VDAC1P5, AC079310.1</i>	0.80 (0.30–2.15)	0.112
22	11	rs757110	C	A	0.4039	<i>ABCC8</i>	0.84 (0.61–1.17)	0.310
23	15	rs7177055	A	G	0.3919	<i>AC046168.1, AC046168.2</i>	0.91 (0.68–1.22)	0.719

OR and 95% CI were estimated after adjusting for age at diagnosis of diabetes, body mass index, and triglycerides measured at follow-up at the time of reporting a diagnosis of diabetes. Groups 2 and 3 were defined as poor glycemic control as the outcome of interest. SNP, single nucleotide polymorphism; MAF, minor allele frequency; OR, odds ratio; CI, confidence interval.