

**Supplementary Table 2.** Associations of 23 SNPs with poor glycemc control (groups 2 and 3) by sex

No.	Chr	SNP	Gene	Male		Female	
				OR (95% CI)	P value	OR (95% CI)	P value
1	6	rs10440833	<i>CDKAL1</i>	1.13 (0.75–1.68)	0.565	2.19 (1.39–3.44)	0.0007
2	10	rs7901695	<i>TCF7L2</i>	1.99 (0.57–6.98)	0.280	1.07 (0.27–4.24)	0.921
3	6	rs4712523	<i>CDKAL1</i>	1.15 (0.76–1.74)	0.519	2.25 (1.43–3.54)	0.0005
4	6	rs7754840	<i>CDKAL1</i>	1.18 (0.79–1.79)	0.420	2.31 (1.47–3.63)	0.0003
5	6	rs4712524	<i>CDKAL1</i>	1.18 (0.79–1.79)	0.420	2.31 (1.47–3.63)	0.0003
6	11	rs2237895	<i>KCNQ1</i>	0.94 (0.60–1.49)	0.805	0.89 (0.56–1.41)	0.625
7	3	rs1470579	<i>IGF2BP2</i>	0.80 (0.52–1.23)	0.302	0.94 (0.59–1.50)	0.797
8	6	rs10946398	<i>CDKAL1</i>	1.18 (0.79–1.79)	0.420	2.31 (1.47–3.63)	0.0003
9	6	rs9295474	<i>CDKAL1</i>	1.07 (0.71–1.63)	0.736	2.25 (1.43–3.54)	0.0005
10	13	rs576674	<i>TOMM22P3, KL</i>	1.25 (0.73–2.13)	0.417	1.03 (0.57–1.88)	0.919
11	2	rs7593730	<i>RBMS1</i>	1.16 (0.68–1.99)	0.587	1.27 (0.72–2.26)	0.409
12	11	rs5219	<i>KCNJ11</i>	0.73 (0.46–1.17)	0.190	0.95 (0.59–1.51)	0.820
13	10	rs5015480	<i>HHEX, AL590080.1</i>	1.04 (0.64–1.69)	0.886	1.08 (0.63–1.84)	0.776
14	11	rs1387153	<i>AP003171.1, SNRPGP16</i>	0.81 (0.54–1.21)	0.312	1.05 (0.68–1.62)	0.813
15	17	rs4430796	<i>HNF1B</i>	1.05 (0.67–1.63)	0.837	0.94 (0.61–1.46)	0.789
16	15	rs11634397	<i>ZFAND6, FAH</i>	1.27 (0.64–2.52)	0.494	1.80 (0.79–4.11)	0.162
17	2	rs2943641	<i>MIR5702, AC062015.1</i>	0.68 (0.25–1.84)	0.442	1.38 (0.48–3.97)	0.548
18	9	rs635634	<i>AL772161.2, ABO</i>	0.87 (0.56–1.34)	0.521	1.17 (0.74–1.87)	0.499
19	3	rs4402960	<i>IGF2BP2</i>	0.92 (0.60–1.43)	0.720	0.95 (0.60–1.52)	0.844
20	9	rs10758593	<i>GLIS3</i>	0.87 (0.58–1.30)	0.491	0.75 (0.48–1.17)	0.203
21	12	rs1153188	<i>VDAC1P5, AC079310.1</i>	0.33 (0.07–1.62)	0.171	1.96 (0.44–8.76)	0.380
22	11	rs757110	<i>ABCC8</i>	0.70 (0.43–1.13)	0.142	1.02 (0.64–1.62)	0.945
23	15	rs7177055	<i>AC046168.1, AC046168.2</i>	0.97 (0.64–1.48)	0.892	0.85 (0.56–1.29)	0.438

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 glycemc control as the outcome of interest. SNP, single nucleotide polymorphism; OR, odds ratio; CI, confidence interval.