

**Tables as an attachment**

Table A1. Odds ratios for each polymorphism adjusted for age and gender, and for age, gender, and BMI

Polymorphism	Genotype	Odds ratio (95% CI) adjusted for	
		Age, gender	Age, gender, BMI
-11414	A/G	1.0	1.0
	A/A	1.06 (0.80 - 1.41)	1.03 (0.77 - 1.36)
	G/G	1.62 (0.84 - 3.18)	1.59 (0.82 - 3.14)
-11379	G/A	1.0	1.0
	G/G	1.23 (0.67 - 2.37)	1.22 (0.65 - 2.34)
-11365	G/G	1.0	1.0
	C/G	1.11 (0.63 - 1.96)	1.06 (0.60 - 1.89)
	C/C	1.23 (0.93 - 1.65)	1.27 (0.95 - 1.67)
-4034	A/A	1.0	1.0
	A/C+C/C	1.37 (0.92 - 2.04)	1.42 (0.95 - 2.13)
-3964	A/A	1.0	1.0
	A/G+G/G	1.28 (0.84 - 1.94)	1.32 (0.86 - 2.01)
45	T/T	1.0	1.0
	T/G	1.41 (1.06 - 1.88)	1.40 (1.01 - 1.81)
	G/G	1.70 (1.09 - 2.65)	1.67 (1.06 - 2.62)
276	T/T	1.0	1.0
	G/T	1.59 (0.89 - 2.95)	1.54 (0.85 - 2.85)
	G/G	2.16 (1.22 - 3.95)	2.08 (1.17 - 3.82)
346	A/A	1.0	1.0
	G/G	1.03 (0.63 - 1.58)	1.01 (0.64 - 1.60)
	A/G	1.23 (0.90 - 1.59)	1.17 (0.87 - 1.56)
712	G/G	1.0	1.0
	A/A	1.08 (0.71 - 1.65)	1.10 (0.72 - 1.69)
	A/G	1.15 (0.85 - 1.55)	1.14 (0.84 - 1.54)
2019	D/D	1.0	1.0
	D/I	1.06 (0.79 - 1.42)	1.06 (0.78 - 1.42)
	I/I	1.13 (0.76 - 1.68)	1.13 (0.75 - 1.69)

Table A2. Estimated frequencies of SNP45-SNP276 haplotypes in type 2 diabetic and non-diabetic subjects.

Haplotype	T2DM	NDM	Odds ratio**
276T – 45T	0.219	0.286	1
276T – 45G	0.013	0.011	* 1.53
276G – 45T	0.428	0.428	1.31
276G – 45G	0.340	0.275	1.61

The frequencies of haplotypes were estimated by using the EM algorithm. Differences in frequencies were evaluated by the  $\chi^2$  test. T2DM (type 2 diabetes), NDM (non-diabetic subjects). Odds ratios relative to the 276T-45T haplotype are shown.

\*  $P = 0.029$

Table A3. Pair-wise linkage disequilibrium among SNPs in the adiponectin gene in the combined sample of type 2 and non-diabetic subjects.

Normalized linkage disequilibrium coefficient ( $ D' $ )									
Polymorphism	-11414	-11379	-11365	-4034	-3964	45	276	349	712
-11379	0.96								
-11365	0.46	0.12							
-4034	0.15	0.28	0.60						
-3964	0.31	0.83	0.64	0.92					
45	0.01	0.00	0.37	0.40	0.95				
276	0.16	0.58	0.04	0.55	0.45	0.95			
349	0.04	0.02	0.32	0.10	0.00	0.45	0.47		
712	0.23	0.05	0.00	0.10	0.13	0.00	0.07	0.03	
2019	0.00	0.02	0.17	0.04	0.03	0.56	0.43	0.47	0.01