

**Suppl Table 1 : Correlation of *FTO* rs9939609 genotype with measures of quantitative traits in patients and non-diabetic control subjects**

	Patients						Controls										
	Indo-Europeans						Indo-Europeans						Dravidians				
	Genotype			p	p1	p2	Genotype			p	p1	Genotype			p	p1	
	TT	TA	AA				TT	TA	AA			TT	TA	AA			
n	633	613	207				678	550	133				435	419	107		
FPG (mmol/l)	8.56 (6.96-11.39)	8.44 (6.83-11.67)	8.50 (6.78-11.39)	0.19	0.39	0.42	5.06 (4.61-5.50)	5.60 (4.61-5.56)	5.11 (4.52-5.61)	0.13	0.35	5.49 (5.11-5.83)	5.55 (5.16-5.99)	5.38 (5.11-5.77)	0.61	0.09	
2-h PG (mmol/l)	13.33 (10.91-16.39)	13.00 (10.32-16.19)	13.44 (11.28-16.50)	0.96	0.17	0.19	5.56 (4.71-6.72)	5.50 (4.50-6.61)	5.39 (4.39-7.22)	0.49	0.57	5.49 (5.11-5.83)	5.55 (5.16-5.99)	5.38 (5.11-5.77)	0.35	0.72	
FPI (pmol/l)	--	--	--	--	--	--	32.5 (21.0-48.0)	219.0 (131.0-368.6)	215.0 (142.3-425.0)	0.95	0.94	42.4 (28.2-66.7)	48.5 (31.2-71.9)	44.3 (30.3-58.6)	0.14	0.02	
2-h PI (pmol/l)	--	--	--	--	--	--	183.6 (104.0-348.9)	164.4 (92.7-286.8)	168.0 (82.6-341.8)	0.82	0.19	234.2 (153.9-378.5)	258.9 (172.4-397.5)	218.3 (150.5-320.7)	0.96	0.37	
TC (mmol/l)	4.17 (0.96)	4.22 (0.99)	4.15 (1.03)	0.91	0.63	0.61	3.95 (0.87)	3.87 (0.84)	3.89 (0.83)	0.19	0.39	4.28 (0.94)	4.33 (0.88)	4.32 (0.88)	0.51	0.84	
TG (mmol/l)	1.65 (1.13)	1.58 (0.98)	1.81 (1.46)	0.19	0.20	0.26	1.13 (0.89)	1.03 (0.73)	1.12 (0.67)	0.18	0.26	1.54 (1.08)	1.61 (1.24)	1.52 (1.19)	0.69	0.66	
HDLC (mmol/l)	1.06 (0.25)	1.06 (0.25)	1.05 (0.26)	0.61	0.85	0.85	1.06 (0.33)	1.07 (0.31)	1.07 (0.30)	0.66	0.86	1.06 (0.22)	1.07 (0.22)	1.05 (0.23)	0.92	0.53	
HOMA-R	--	--	--	--	--	--	1.86 (1.96)	1.83 (1.84)	1.89 (1.81)	0.98	0.97	2.09 (1.51)	2.31 (1.62)	1.95 (1.28)	0.79	0.21	

n, number of individuals; FPG, fasting plasma glucose; 2-h PG, 2-hour plasma glucose; FPI, fasting plasma insulin; 2-h PI, 2-hour plasma insulin; TC, plasma total cholesterol; TG, plasma triglycerides; HDLC, plasma HDL cholesterol; HOMA-R, Homeostasis model assessment of insulin resistance

Values are median (Inter Quartile Range) for FPG, 2-h PG, FPI and 2-h PI; mean (SD) for TC, TG, HDLC and HOMA-R; p by ANOVA; p1, adjusted for age and gender; p2, adjusted for age, gender and BMI