

Table SI. Association of cyclooxygenase-2 single-nucleotide polymorphisms with biochemical parameters in patients with type 2 diabetes mellitus.

A, rs689466							
Group	CDM/UCDM	Cholesterol (normal/borderline/high)	HDL (normal/moderate/high risk)	LDL (normal/high)	TG (normal/high)	Creatinine (low/normal/high)	Urea (low/normal/high)
TT (n=83)	41/42	59/14/10	8/40/35	77/6	29/54	8/67/8	1/73/9
TC (n=16)	8/8	13/1/2	2/10/4	15/1	5/11	0/14/2	0/13/3
CC (n=2)	1/1	1/1/0	1/1/0	2/0	2/0	0/2/0	0/2/0
P-value	1.000	0.5320	0.2266	1.000	0.2287	0.7167	0.6239
B, rs20417							
Group	CDM/UCDM	Cholesterol (normal/borderline/high)	HDL (normal/moderate/high risk)	LDL (normal/high)	TG (normal/high)	Creatinine (low/normal/high)	Urea (low/normal/high)
GG (n=3)	2/1	3/0/0	0/1/2	3/0	2/1	0/3/0	0/3/0
CG (n=30)	12/18	23/5/2	2/19/9	28/2	12/18	3/25/2	1/25/4
CC (n=68)	36/32	47/11/10	9/31/28	63/5	22/46	5/55/8	0/60/8
P-value	0.4510	0.7969	0.4693	1.000	0.3714	0.8371	0.5238
C, rs2066826							
Group	CDM/UCDM	Cholesterol (normal/borderline/high)	HDL (normal/moderate/high risk)	LDL (normal/high)	TG (normal/high)	Creatinine (low/normal/high)	Urea (low/normal/high)
CC (n=74)	39/35	52/11/11	9/35/30	68/6	24/50	6/59/9	0/65/9
CT (n=25)	10/15	19/5/1	2/15/8	24/1	10/15	2/22/1	1/21/3
TT (n=2)	1/1	2/0/0	0/1/1	2/0	2/0	0/2/0	0/2/0
P-value	0.6747	0.6067	0.8432	0.7190	0.1574	0.7360	0.4732
CDM, controlled diabetes mellitus where hemoglobin (Hb)A1c <7%; UCDM, uncontrolled diabetes mellitus where HbA1c ≥7%; TG, triglycerides, LDL, low-density lipoprotein; HDL, high-density lipoprotein.							