

Supplementary data:

Genotype–phenotype relationship of *F7* R353Q polymorphism and plasma FVII.c levels in Asian Indian families predisposed to coronary artery disease

Jayashree Shanker, Ganapathy Perumal, Arindam Maitra, Veena S. Rao, B. K. Natesha, Shibu John, Sridhar Hebbagodi and Vijay V. Kakkar

J. Genet. **88**, 291–297

Table 1. Correlation of FVII.c activity with anthropometric data and other atherothrombotic plasma biomarkers for the whole data set and across the *F7* R353Q genotypes.

	Whole data	RR	RQ	QQ
Number	177	168	118	26
variable	$r^*(P \text{ value})$	$r^*(P \text{ value})$	$r^*(P \text{ value})$	$r^*(P \text{ value})$
BMI	0.01(0.92)	–	–	–
WHR	–0.01(0.21)	–	–	–
TC	0.22(0.003)	0.24(0.002)	0.24(0.01)	–0.05(0.83)
TG	0.13(0.04)	0.19(0.01)	0.19(0.04)	0.23(0.29)
HDL-c	0.15(0.06)	0.08(0.31)	0.29(0.002)	0.14(0.51)
LDL-c	0.16(0.03)	0.19(0.02)	0.11(0.24)	–0.16(0.44)
ApoA1	0.18(0.02)	0.15(0.05)	0.24(0.01)	0.14(0.50)
ApoB	0.15(0.05)	0.15(0.05)	0.14(0.14)	–0.01(0.95)
Lp(a)	0.06(0.47)	0.05(0.55)	–0.10(0.31)	0.23(0.28)
IL(6)	–0.07(0.35)	–	–	–
HsCRP	–0.01(0.86)	–	–	–
PT	–0.61(0.00)	–0.68(0.00)	–0.41(0.00)	–0.30(0.15)
Fibrinogen	0.09(0.22)	0.27(0.00)	0.08(0.38)	0.08(0.71)
PAI 1	0.09(0.24)	–	–	–

r^* , Denotes partial correlation coefficient value after adjusting for age and gender.

Table 2. Mean levels of biomarkers distributed across *F7c* genotype and gender using multivariate analysis (mean \pm s.e.).

	FVII.c activity	BMI	Waist/hip ratio	PT
RR	122.72 \pm 1.89	25.95 \pm 0.38	0.92 \pm 0.004	2.47 (11.82)* \pm 0.01
RQ	108.18 \pm 2.55	27.45 \pm 0.51	0.94 \pm 0.006	2.5 (12.18)* \pm 0.01
QQ	87.2 \pm 4.94	26.94 \pm 0.99	0.94 \pm 0.011	2.57 (13.07)* \pm 0.02
<i>P</i> value	< 0.0001	0.062	0.027	< 0.0001
Male	95.02 \pm 2.23	25.19 \pm 0.45	0.96 \pm 0.004	2.56 (12.94)* \pm 0.01
Female	117.05 \pm 3.21	28.38 \pm 0.64	0.9 \pm 0.01	2.47 (11.82)* \pm 0.01
<i>P</i> value	< 0.0001	< 0.0001	< 0.0001	< 0.0001

* The values in the parentheses indicate the re-transformed mean values.

Table 3. Distribution of mean lipid levels across quartiles of per cent factor VIIc activity.

FVII.c quartiles	TC mg/dL	LDL-c
1	149.75 ± 4.45	87.21 ± 4.04
2	156.58 ± 4.35	92.95 ± 3.95
3	167.39 ± 4.36	100.59 ± 3.96
4	174.97 ± 4.78	106.51 ± 4.34
<i>P</i> value	0.001	0.01