

Supplementary Table 1 Details of Primers, PCR product size for different SNPs and details of REs utilized in PCR-RFLP, including their resultant fragments

Details	Gene	
	CD36 (SNP)	
	rs1761667(G/A)	rs75326924(C/T)
Gene	chr7:80615623 (GRCh38.p14)	chr7:80656687 (GRCh38.p14)
Location	7q21.11	7q21.11
Accession No.	NC_000007	NC_000007
Primer	F-	F-
Details	CAA AATCACAATCTATTCAAGACCA R-TTTTGGGAGAAATTCTGAAGAG	GGTCCTTTTATTCTGGCTGACTCAAGGCTGC R- TAAGTACATTTC AATACAATGAC
PCR Product Size	190	358
Restriction Enzyme	HhaI	Sau96I
R.E.	AA-190	CC-358
Digestated Product	GA-190, 138 & 52 GG-52	CT-358, 243, 114 & 1 TT-243, 114 & 1

Supplementary Table 2 Polymerase Chain Reaction (PCR) conditions

Steps	Temperature	Duration
Initial denaturation	95°C	5 minutes
Denaturation	95°C	30 seconds
Annealing	56-64°C	30 seconds
Extension	72°C	30 seconds
Final extension	72°C	10 minutes
End/Hold	10°C	∞

Supplementary Table 3 Components required for PCR reaction mixture

Component	Concentration	Volume
DNA template	100-150ng	2µl
Taq Buffer	1X (with 15mM MgCl ₂)	1.5µl
Primer (Forward)	10 picomol	0.5µl
Primer (Reverse)	10 picomol	0.5µl
dNTPs	200 µM	0.5µl
MQ H ₂ O	for final volume makeup	9.8µl
Taq Polymerase	0.5 U	0.2µl
Total Volume		15µl

Supplementary Table 4 Primer details and amplicon sizes for gene expression**CD36 (Expression)**

Primer	F-CCACCAGATTTGACTGCATTTG
	R-GCTTCTTGGAAACTTGCTTCAG
Details	
Product	98
Size	

Supplementary Table 5 Reaction setup for qPCR with cDNA

S. No.	Reagents	Concentration	Volume per reaction(µl)
1.	SYBR Green Master Mix I (5x)	2X	5.0
2.	Forward Primer	2.5 pmol/µl	1.0
3.	Reverse Primer	2.5 pmol/µl	1.0
4.	cDNA template	12.5 ng/µl	2.0
5.	DEPC treated H ₂ O	-----	2.0
	Total		10.0

Supplementary Table 6 qPCR conditions

S. No	Conditions		Time	No. of Cycles
1.	Initiation	Denaturation (95 °C)	5 min	1
2.	PCR	Denaturation (94 °C)	10 sec	40
		Annealing (60 °C)	20 sec	
		Extension* (72°C)	10 sec	
3.	Melt Curve	Denaturation (94 °C)	1 min	1
		Annealing (60 °C)	30 sec	
		Continuous#		
4.	Cooling/Hold	40° C	∞	1

* single acquisition; # continuous acquisition.