

Supplementary Material

1 Supplementary Data

1.1 Supplementary Table

Table S1 Association between genetic polymorphism and HDL

	All		Men			Women		
	Men ≥ 40 mg/dL Women ≥ 50 mg/dL (n = 66)	Men < 40 mg/dL Women < 50 mg/dL (n = 111)	≥ (n = 34)	40 < mg/dL (n = 69)	< 40	≥ 40	≥ 50 < mg/dL (n = 32)	< 50
<i>PNPLA3</i> rs738409 (CC vs CG+GG)								
OR (95% CI)	0.9967 (0.538 -1.846)		1.481 (0.641-3.4212)			1.765 (0.686-4.542)		
P - value	0.992		0.358			0.239		
<i>APOC3</i> rs2854116 (TT vs CC+CT)								
OR (95% CI)	0.4696 (0.253-0.873)		0.314 (0.115-0.856)			1.267 (0.429-3.748)		
P - value	0.017 <sup>a</sup>		0.024 <sup>b</sup>			0.669		
<i>APOB</i> rs10495712 (GG vs AG_AA)								
OR (95% CI)	0.816 (0.343-1.938)		0.703 (0.206-2.397)			1.080 (0.309-3.780)		
P - value	0.645		0.573			0.904		
<i>APOA5</i> rs662799 (AA vs AG+GG)								
OR (95%CI)	0.739 (0.374-1.461)		0.570(0.238-1.3690)			0.974 (0.319-2.974)		
P - value	0.385		0.209			0.963		
<i>LIPC</i> rs1800588 (CC vs CT+TT)								
OR (95% CI)	0.911 (0.482-1.722)		0.570 (0.238-1.369)			0.771 (0.305-1.950)		

<i>P</i> - value	0.774	0.209	0.582
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<i>LEP</i> rs7799039 (GG vs AG+AA)			
OR (95% CI)	1.317 (0.507-3.419)	1.355 (0.336-5.471)	1.400 (0.372-5.268)
<i>P</i> - value	0.572	0.670	0.619
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<i>GHRL</i> rs27647 (AA vs AG+GG)			
OR (95%CI)	0.889 (0.417-1.895)	0.923 (0.317-2.687)	0.789 (0.267-2.335)
<i>P</i> - value	0.761	0.883	0.669

Data expressed as n (%), OR: odds ratio; CI:confidence interval, <sup>a</sup>*P* < 0.05 compared in all group, <sup>b</sup>*P* < 0.05 compared in all group,