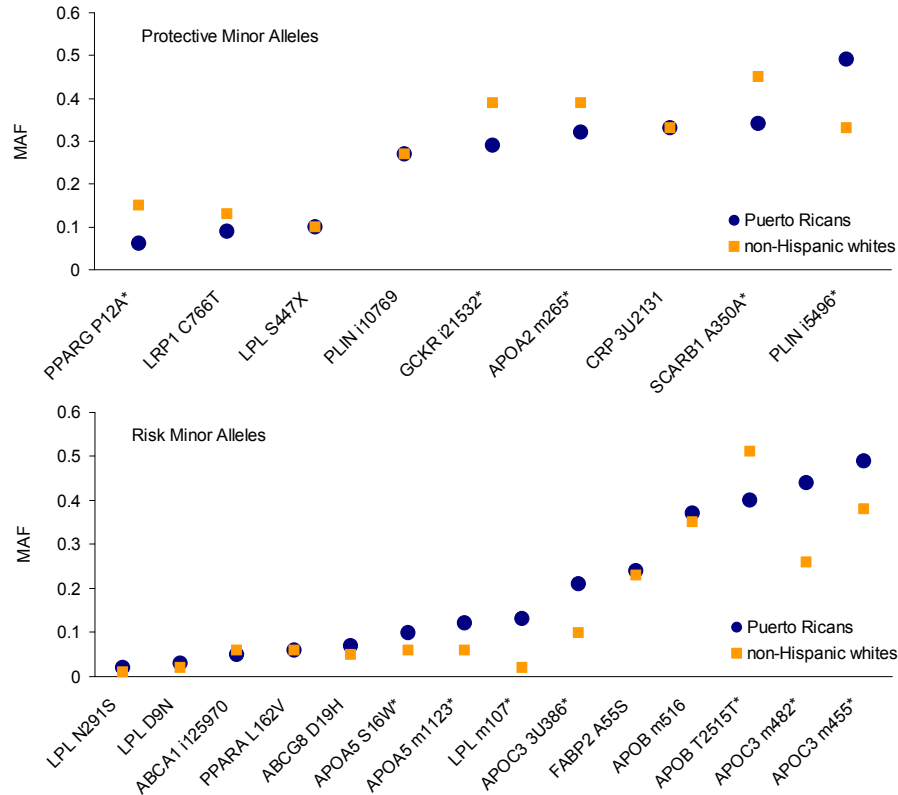




<i>Protective SNP</i>	<i>Associated Phenotype</i>		<i>References</i>
PPARG P12A	↑ HDL-C ↑ insulin sensitivity ↓ insulin resistance	↓ T2DM ↓ early atherosclerosis	[50], [51], [52], [53], [54], [55], [56]
GCKR i21532	↓ HOMA-IR ↓ T2DM	↓ dyslipidemia	[57]
APOA2 m265	↓ CAD	↓ postprandial response	[58], [59]
SCARB1 A350A	↑ HDL-C		[60]
PLIN1 i5496	↓ BMI, weight and obesity		[61]

<i>Risk SNP</i>	<i>Associated Phenotype</i>		<i>References</i>
APOA5 m1123	CAD Metabolic syndrome	↑ TG	[62], [63], [64], [65], [66]
APOA5 S16W	Hyperlipoproteinemia	↑ TG	[65], [66]
LPL m107	↑ TG ↑ insulin ↑ LDL-C ↑ VLDL-C, VLDL-TG	↑ TC ↓ HDL-C CAD IHD	[67], [68], [69], [70]
APOC3 3U386	↑ TG ↑ fasting insulin ↑ VLDL-C, VLDL-TG	↑ LDL-C ↑ TC ↓ HDL-C	[71], [72], [73], [74]
APOB T2515T	cholesterol gallstones CHD	↑ TC and LDL-C ↑ HbA1c	[75], [76], [77]
APOC3 m482	↑ TG		[78], [79], [80]
APOC3 m455	CAD		[81]