Supplementary Materials

Table S1. List of amino acid replacements in all APOs, including the mutation name, amino acid substitution notation, wild-type amino acid, mutation position, and the mutated amino acid.

Gene	ID (rs)	SNP	Wild type	Position	Mutant
ApoB	rs1318040190	T191A	Threonine	191	Alanine
ApoB	rs72653060	F299V	Phenylalanine	299	Valine
ApoB	rs1801700	N902K	Asparagine	902	Lysine
ApoB	rs12713843	R1128H	Arginine	1128	Histidine
ApoB	rs78875649	S1203G	Serine	1203	Glycine
ApoB	rs571626569	G2540V	Glycine	2540	Valine
ApoB	rs1801696	E2566K	Glutamic Acid	2566	Lysine
ApoB	rs2163204	N2785H	Asparagine	2785	Histidine
ApoB	rs72653095	P2821L	Proline	2821	Leucine
ApoB	rs186299244	Y3295H	Tyrosine	3295	Histidine
ApoB	rs144467873	R3500W	Arginine	3500	Tryptophan
ApoB	rs533755016	R4385H	Arginine	4285	Histidine
ApoC2	rs120074114	K41T	Lysine	41	Threonine
ApoC3	rs147210663	A43T	Alanine	43	Threonine
ApoE	rs769452	L46P	Leucine	46	Proline
ApoE	rs429358	C130R	Cysteine	130	Arginine
ApoE	rs769455	R163C	Arginine	163	Cysteine