Supplementary Table S1. Selected SNPs based on published genetic association studies in general (1-7) and HIV population (8.9).

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SNP: Single Nucleotide Polymorphism; MAF: minor allele frequency; (+): forward strand; (-): reverse strand; LDL-C: low-density lipoprotein cholesterol; HDL-C: high-density lipoprotein cholesterol; TG: triglycerides; AMI: Acute Myocardial Infarction.


Supplementary Figure S1. Evolution of lipid fraction values during the study follow-up period.

Basal plasma lipid values (mg/dl) are represented in the first column. Abnormal lipid values (mg/dl) are represented in the second column with the respective % of individuals who suffered an abnormality within the first six months and one year of ART exposure.

T-Chol. Total Cholesterol; LDL-C. low-density lipoprotein cholesterol; HDL-C. high-density lipoprotein cholesterol; TG. triglycerides; PI. protease inhibitor; NNRTI. non-nucleoside reverse-transcriptase inhibitor.
Supplementary Table S2. Cochran-Maentel-Haenszel (CMH) test-based univariate analysis stratified first line antiretroviral treatment.

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CHR. chromosome; MAF. minor allele frequency.
Supplementary Table S3. Logistic regression-based multivariate analysis showing all genetic and non-genetic variants influencing each lipid fraction.

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CHR. chromosome; MA. minor allele; HCV. hepatitis C virus co-infection; ART; first line antiretroviral treatment; PI protease inhibitors; NNRTI. non nucleoside reverse transcriptase inhibitors.