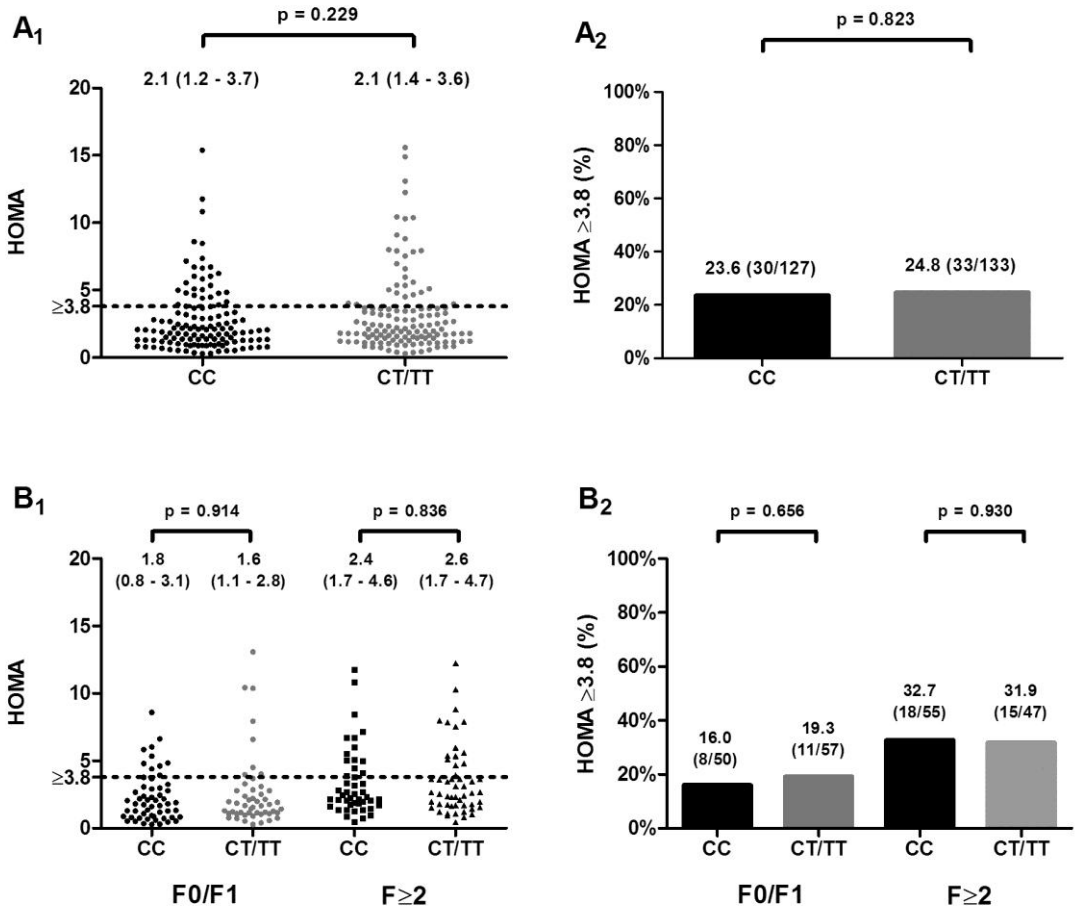
**Supplementary table 1.** Summary of adjusted associations between *SLC30A8* rs13266634 CT/TT genotype, lipid profile and insulin resistance among HIV/HCV coinfected patients.

| | Serum levels | | Metabolic disturbance | | |
|---|---|---|---|---|---|
| | **AMR (95% CI) [(a)]** | **p-value** | **Cut-offs** | **OR (95% CI) [(b)]** | **p-value** |
| HOMA | 1.09 (0.89; 1.35) | 0.379 | ≥ 3.8 | 1.06 (0.52; 1.02) | 0.945 |
| Cholesterol (mg/dL) | 1.10 (0.93; 1.08) | 0.994 | ≥ 200 mg/dL | 0.85 (0.40; 1.82) | 0.676 |
| HDL-C (mg/dL) | 1.10 (1.03; 1.19) | **0.006** | ≤ 35 mg/dL | 0.68 (0.41; 1.12) | 0.131 |
| LDL-C (mg/dL) | 0.97 (0.87; 1.06) | 0.586 | ≥ 100 mg/dL | 0.79 (0.45; 1.37) | 0.391 |
| Triglycerides (mg/dL) | 0.99 (0.91; 1.08) | 0.742 | ≥ 170 mg/dL | 1.22 (0.61; 2.44) | 0.585 |
| LDL-C/HDL-C | 0.88 (0.79; 0.99) | **0.045** | ≥ 3 | 0.52 (0.27; 1.02) | 0.056 |
| AI | 0.89 (0.81; 0.98) | **0.024** | ≥ 3.5 | 0.47 (0.26; 0.83) | **0.009** |

(a), Multivariate lineal regression was performed to compare the serum values, which were log10-transformed; (b), Logistic regression was performed to compare categorical variables. These tests were adjusted by several epidemiological and clinical factors [age, gender, BMI, nadir CD4+, CD4+ T cells/µL, HIV plasma viral load, HCV plasma viral load, time on CART and specific antiretroviral drugs]. Statistically significant differences are shown in bold.

**Abbreviations:** AMR, arithmetic mean ratio (how many times greater is the value in the presence of CT/TT genotype versus CC genotype); OR, odds ratio (likelihood of having the outcome in the CT/TT genotype versus CC genotype); AI, atherogenic index; b, linear regression coefficient; CI, confidence interval; HDL-C, High-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol.

**Supplementary Figure 1.** Distribution of HOMA values and insulin resistance (HOMA ≥3.8) according to *SLC30A8* rs13266634 genotypes (**A**) and stratified by liver fibrosis (**B)** among HIV/HCV coinfected patients. The median (interquartile range) and p-values (unadjusted lineal regression analysis) are showed for HOMA values (**$A_1$, $B_1$**). The percentage of patients and p-values (unadjusted logistic regression analysis) are showed for HOMA ≥3.8 (**$A_2$, $B_2$**).




**Abbreviations:** F0/F1, no or mild fibrosis (Metavir); F≥2, significant fibrosis (Metavir); HOMA, homeostatic model assessment method.