SUPPLEMENTARY FIG. S3. OPLS-DA scores plots depicting the effects of age and gender in comparison to the original model of HIV[pos] ART[pos] patients and uninfected controls. Scores plots generated from: **(A)** OPLS-DA of HIV[pos] ART[pos] patients and uninfected controls. **(B)** OPLS-DA of differences in age with 20–30 years (*green*) and 40–50 years (*blue*). **(C)** OPLS-DA of differences in gender with male (*green*)and female (*blue*). Numeric 1 and 2 represent the uninfected control and treated groups, respectively. **(B)** and **(C)** show that the chemistry that plays a role in the differences of both age and gender is different to the chemistry that plays a role in the differences between HIV-infected individuals and uninfected controls **(A)**. This therefore means that age and gender had no influence on the HIV[pos] ART[pos] patients and uninfected controls model.