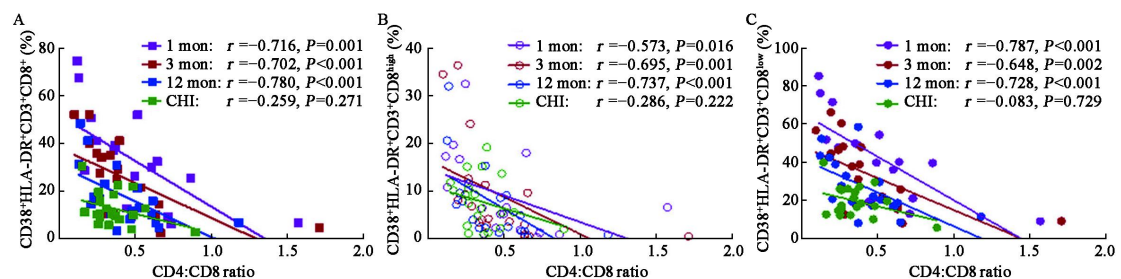


Supplementary Figure 1: Impact of HIV-1 viral load on the numbers of CD3⁺CD8^{low} and CD3⁺CD8^{high} T cells at different stages of HIV-1 infection. Comparison of the frequency of CD3⁺CD8^{low} T cells to the frequency of CD3⁺CD8^{high} T cells in HIV-1-infected individuals grouped by HIV-1 viral load ($\text{Log}_{10}\text{VL} \geq 4.0$ or < 4.0) at different stages of infection; 1, 3, 12 mon and CHI: in the 1st, 3rd, and 12th months of AHI and in CHI shown in purple, red, blue, and green, respectively. AHI: Acute HIV-1 infection; CHI: Chronic HIV-1 infection; HIV: Human immunodeficiency virus.



Supplementary Figure 2: Correlation with the capacity of CD8 T-cell classical activation and CD4 T-cell/CD8 T-cell ratio at different stages of HIV-1 infection. (A–C) Inverse correlation of classical activation of total CD8 T cells (A), including CD3⁺CD8^{high} (B) and CD3⁺CD8^{low} (C) T cells to CD4 T-cell/CD8 T-cell ratio, in the 1st, 3rd, and 12th months of AHI and in CHI; 1, 3, 12 mon and CHI: in the 1st, 3d, 12th months of AHI and in CHI shown in purple, red, blue, and green, respectively. AHI: Acute HIV-1 infection; CHI: Chronic HIV-1 infection; HIV: Human immunodeficiency virus.