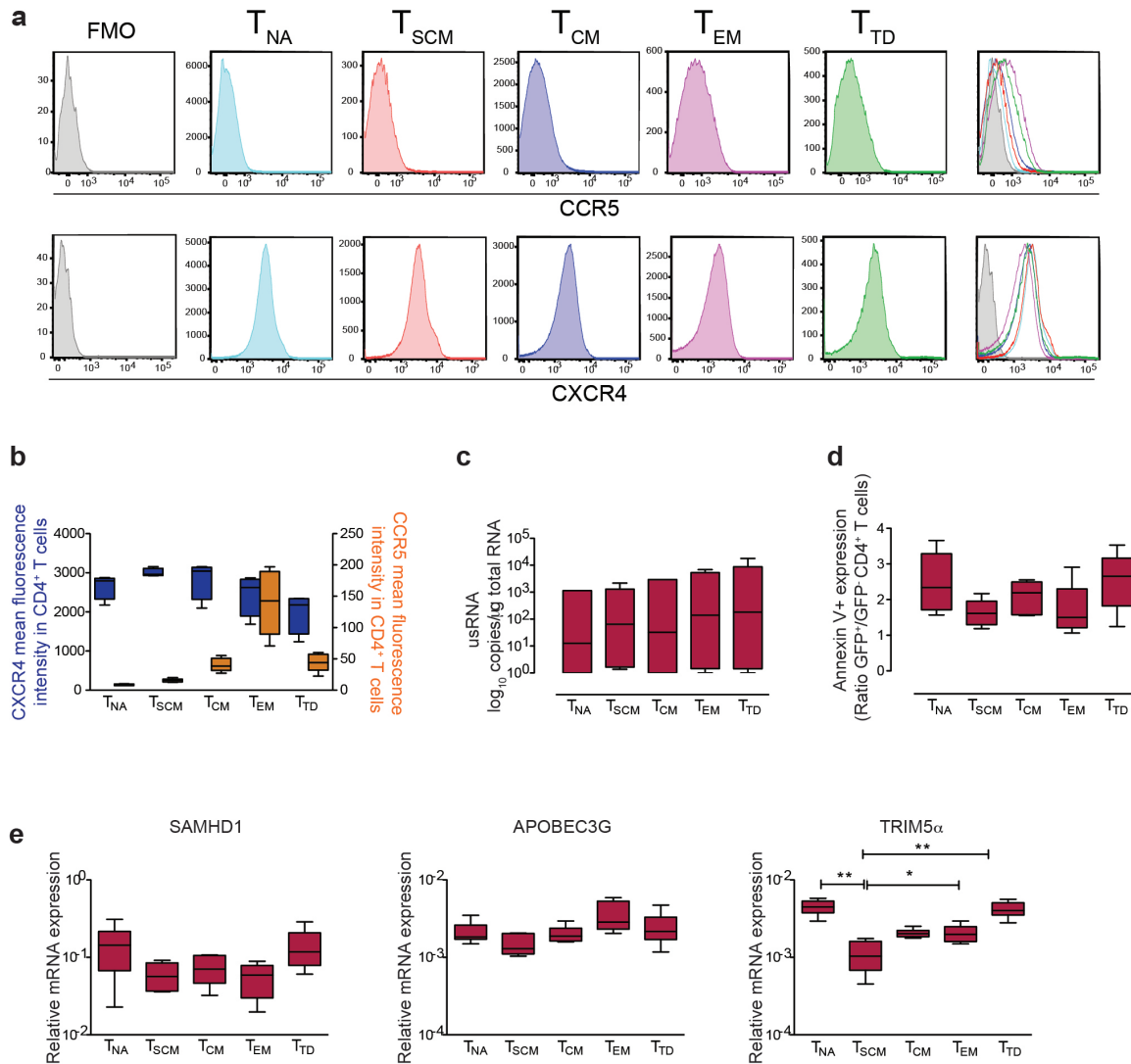


Supplementary Figure 2



Supplementary Figure 2: $CD4^+$ T_{SCM} cells are susceptible to HIV-1. (a) Representative dot plots indicating CCR5 and CXCR4 surface expression on indicated $CD4^+$ T cell subsets. (b): Surface expression of CCR5 and CXCR4 on indicated $CD4^+$ T cell subsets. Data from n=4 study subjects are included. (c): Analysis of cell-associated HIV-1 RNA in sorted $CD4^+$ T cell subsets from seven untreated HIV-1 infected persons with progressive disease. (d): Analysis of Annexin V expression in $CD4^+$ T cell subsets after infection with HIV-1. Data reflect the ratio of the mean fluorescence intensity of Annexin V on GFP-positive vs GFP-negative $CD4^+$ T cells in indicated T cell populations after infection with GFP-encoding, R5-tropic HIV-1. Data from 8 study

subjects are shown. (e): Expression of HIV-1 restriction factors in CD4⁺ T cell subsets. Data demonstrate the mRNA expression of SAMHD1, APOBEC3G and TRIM5 α in indicated CD4⁺ T cell subsets from 6 different study patients. (b-e): Significance was tested using Wilcoxon rank sum tests followed by Bonferroni correction for multiple comparisons (*, ** reflect $p < 0.05$, $p < 0.01$, respectively).