Supplemental Figure 1: VSV-G pseudotyped virus did not cause the appearance of Annexin V⁺ 7AAD⁻ Memory CD4⁺ T cells. VSV-G pseudotyped virus was normalized to X4 virus at the level of p24 antigen. Cells were analyzed at 4 hr post infection.

Supplemental Figure 2: Purification of memory CD4⁺ T cells. Highly purified memory
CD4⁺ T cells were isolated from fresh PBMCs with the negative selection kit from
Miltenyi Biotec. Purity of the resulting population was assessed by flow cytometry.

Supplemental Figure 3: HIV-1-induced cell death at MOI 0.1, 0.2, and 0.4. Results from virus titration in the three independent experiments presented in Fig. 2A were plotted individually. Cell death was analyzed at 4 hr post infection by monitoring $\Delta \Psi_m$ dissipation.