



S7 Fig. Vaccine-induced SIV-specific cellular immune responses by immunization group. PBMC obtained 2wkpi from all macaque groups were assessed by intracellular cytokine staining for *Env_{smH4}*⁻ (A and C) and *Env₂₃₉*⁻ (B and D) specific CD4⁺ (A,B) and CD8⁺ (C, D) T cells. The frequency of CD4⁺ (E and F) and CD8⁺ (G and H) T cells specific for immunizing antigens in the Ad - recombinants (*Env_{smH4}*, *Gag₂₃₉* and *Nef₂₃₉*) or protein boosts (*Env₂₃₉*) were summed and presented. CD4⁺ and CD8⁺ central and effector memory cells were summed and results for total memory (TM) CD4⁺ or CD8⁺ T cells are presented as the percent cytokine positive cells expressing IFN- γ , TNF- α and/or IL-2. Due to the large number of macaques, half the macaques in each group were assessed for either SIV_{smH4} or SIV_{mac239} Env - specificity and half were assessed for either SIV_{mac239} Gag or SIV_{mac251} Nef specificity. Mean values + SEM are shown.