



S18 Fig. SIV Env-specific CD8⁺ T cell responses correlate with control of viremia in all males, but not in females. PBMC obtained 2wkpi from all macaque groups were assessed by intracellular cytokine staining for Env_{smH4}-specific CD8⁺ T cells. Significant correlations were observed in all males with control of viremia (A) including reduced peak, median acute (weeks 1- 6) and median chronic (over wk 8 – 24) viral loads. Similar correlations were not seen for all female macaques (B). CD8⁺ central and effector memory cells were summed and results for total memory (TM) 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, only half the macaques in each group were assessed for SIV_{smH4} Env-specificity.