



Fig. S1

Supplemental Figure 1

SIV-RNA copies/ml of plasma in each vaccinated (**A**) and control animal exposed to one dose of 6100 TCID₅₀, and (**B**) vaccinated and controls animal exposed to two doses of 470 TCID₅₀ of SIV_{mac251}. At this dose, three animals remained uninfected.

(**C**) SIV-RNA copies per ml of plasma in the vaccinated P006, P010, and P018, animals that were protected from SIV_{mac251} acquisition following 2 intra-rectal exposures to 470 TCID₅₀ SIV_{mac251} (2 thin arrows) but become infected following an additional intra-rectal exposure to 6100 TCID₅₀ (thick arrow) of the same virus stock.

(**D**) Plasma SIV- RNA as mean ± standard error for all vaccinated and (**E**) vaccinated animals negative for protective MHC I alleles (MamuA*01-, B*04- and B*17-), exposed to 6100 TCID₅₀ (4 macaques) or 470 TCID₅₀ of SIV_{mac251} (6 macaques). For better comparison the peak viral load have been aligned in these graphs.