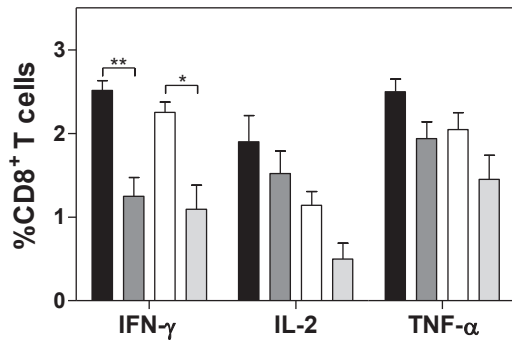
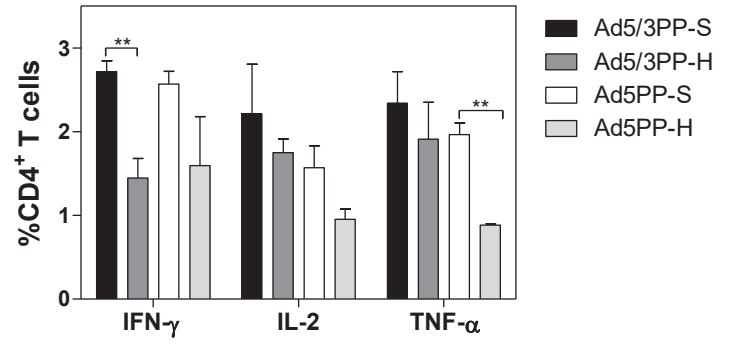


Supplementary Figure 1. Prepatency periods changes induced by heterologous regimens based on Ad5 or Ad5/3 vectors. 20 days after the final immunization mice were challenged with fresh *P. yoelii* sporozoites. The time lapse between the infection and the first positive slide or prepatency period is presented for the different heterologous regimens based on (A) Ad5 or (B) Ad5/3. Statistical analyses were performed using the Mann-Whitney test with Dunn's post-test. * $p < 0.05$ ** $p < 0.01$ *** $p < 0.001$.

A**B**

Supplementary Figure 2. Effect of the adenoviral priming dose on the cytokine production induced by heterologous Ad Prime – Protein Boost Regimens (A) Frequencies of splenic CD8⁺ and (B) Frequencies of splenic CD4⁺ IFN- γ , IL-2 or TNF- α secreting T cells after stimulation with PyLPC/RMC. Splensens were obtained 5 days after the final immunization with the heterologous regimens. Results are presented after the subtraction of the responses of non-stimulated samples. Bars represent mean responses \pm standard deviations for five mice per group. *p<0.05, **p<0.01 by Mann-Whitney test comparing standard and high ad vector dose.