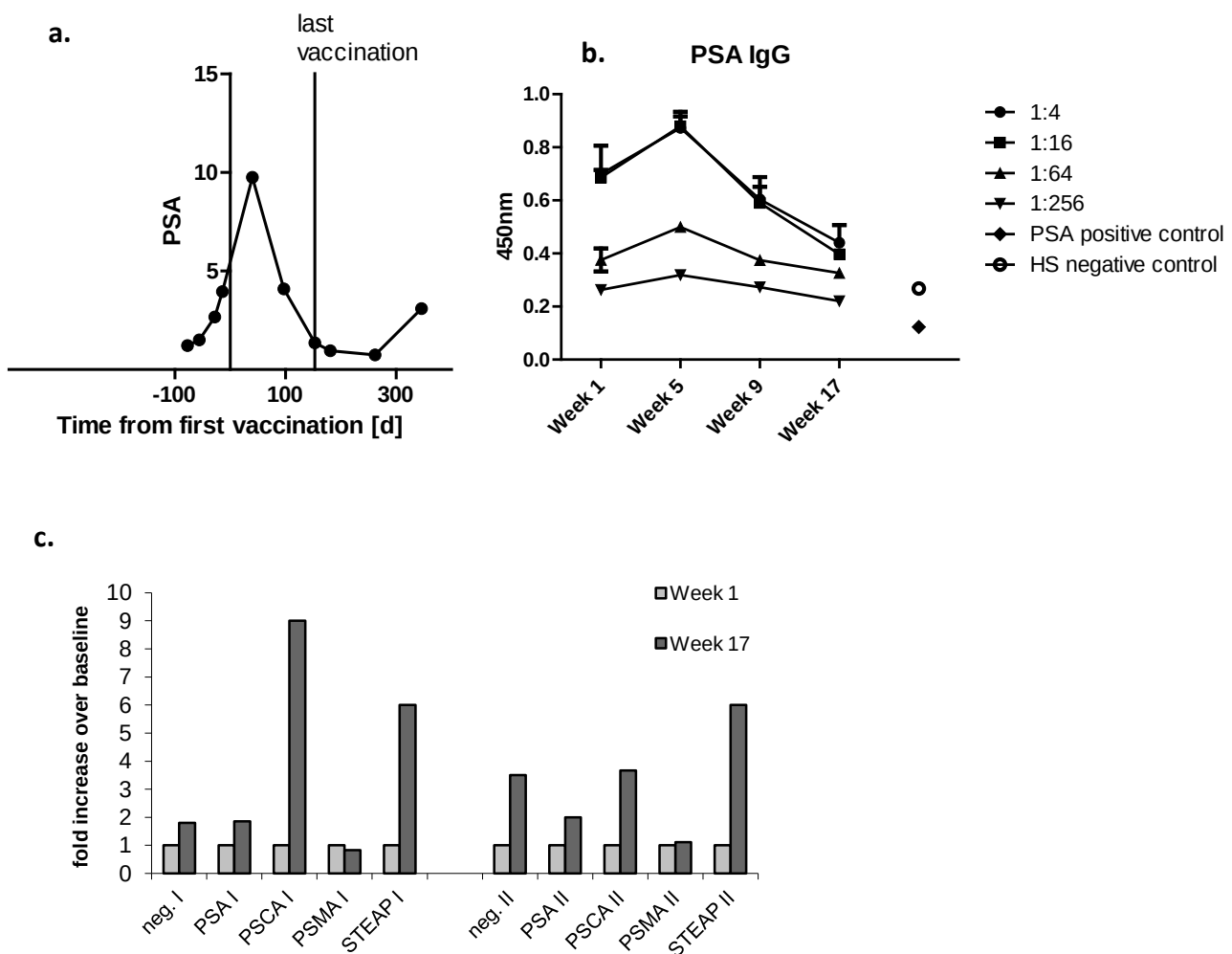
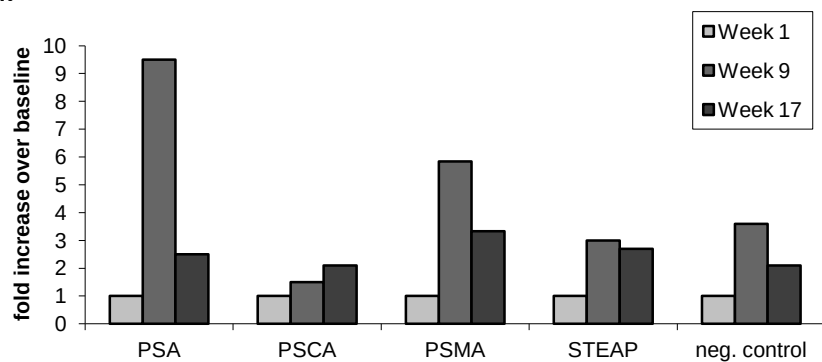


Case report

A 59 year old patient developed a confirmed PSA response after initial increase in PSA (a). The patient had detectable antibodies against PSA at baseline which did not increase during vaccination (b), in the *ex vivo* IFN-gamma ELISpot assay the frequency of antigen specific T cells against several antigens were increased after baseline but did not fulfill the response criteria (c). In *ex vivo* IFN-gamma ICS assay, increased frequencies of CD4 and CD8 T cells against several antigens were seen that were below the response threshold; response criteria were fulfilled for CD4 PSA week 9 (e.) but not for the other antigens and timepoints (d. and e.).



d.



e.

