

Appendix

Fig. S3: Vaccination-induced adaptive Ide_{Ssuis} response is not enhanced by *S. suis* challenge.

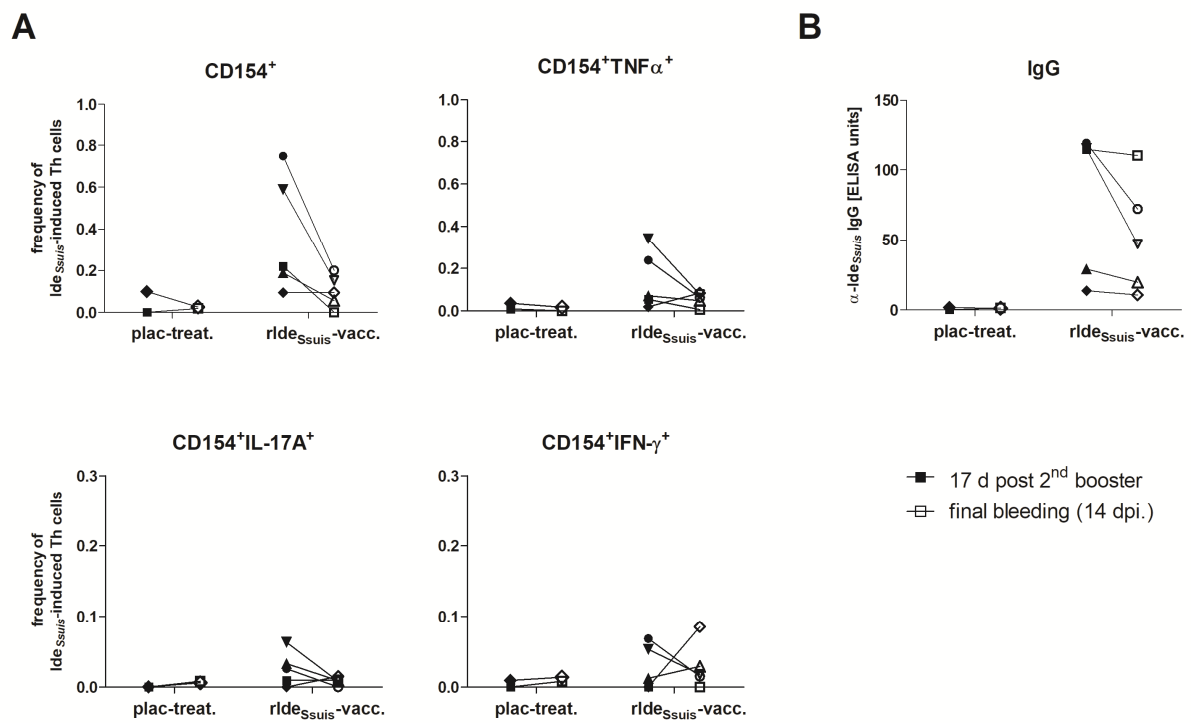


Fig. S3: Vaccination-induced adaptive Ide_{Ssuis} response is not enhanced by *S. suis* challenge. A) Frequency of Ide_{Ssuis} -induced Th cells following antigen-specific restimulation *in vitro* from PBMC samples and B) Ide_{Ssuis} -specific IgG from serum samples before (17 d post 2nd booster, ■ black symbols) and after challenge (14 dpi., □, white symbols) with *S. suis* strain 16085/3b. Individual piglets are indicated by different symbols. To detect intracellular CD154 and cytokines PBMCs were stimulated with $rIde_{Ssuis}$ (5 μ g/ml) in comparison to medium alone in presence of Brefeldin A (2 μ g/ml). Frequency of Ide_{Ssuis} -induced Th cells represents the difference of frequency of CD154⁺ cells induced by $rIde_{Ssuis}$ minus the frequency in medium control. Statistical analysis was conducted with Wilcoxon signed rank test. No significant differences were calculated.