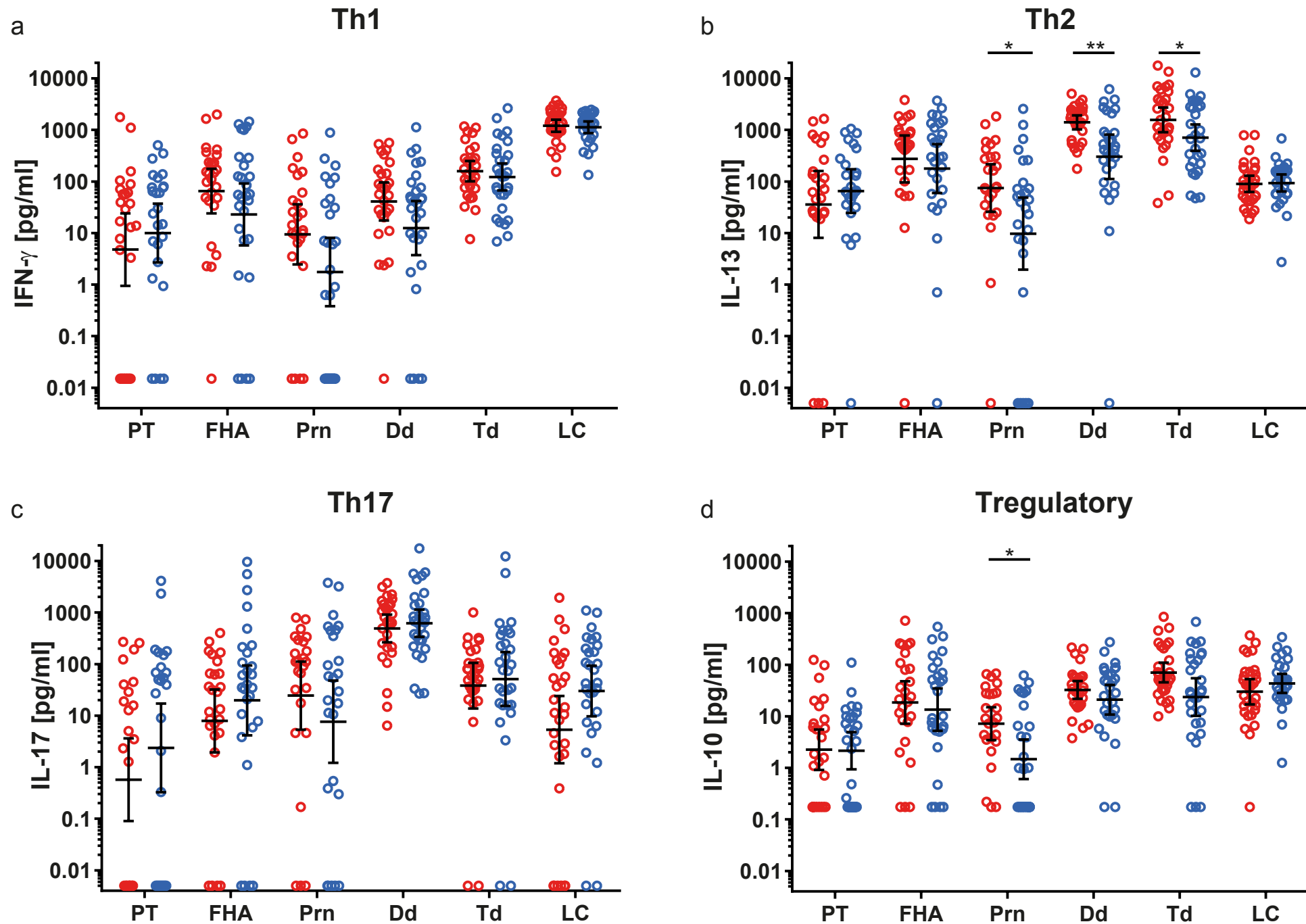


○ Case group ○ Control group



Supplementary figure S4. Geometric mean cytokine concentrations with 95% confidence intervals for Th1 (a, IFN- γ), Th2 (b, IL-13), Th17 (c, IL-17) and Tregulatory (d, IL-10) in supernatants of PBMCs of the case-group (red circles) and the control-group (blue circles) around day 10 post-booster vaccination. Stimulated with: pertussis toxin (PT), filamentous hemagglutinin (FHA), pertactin (Prn), diphtheria toxoid (Dd), tetanus toxoid (Td), and pokeweed mitogen lectin (LC). N=25-30. Significant difference between case- and control-group: * = $P \leq 0.05$; ** = $P \leq 0.01$