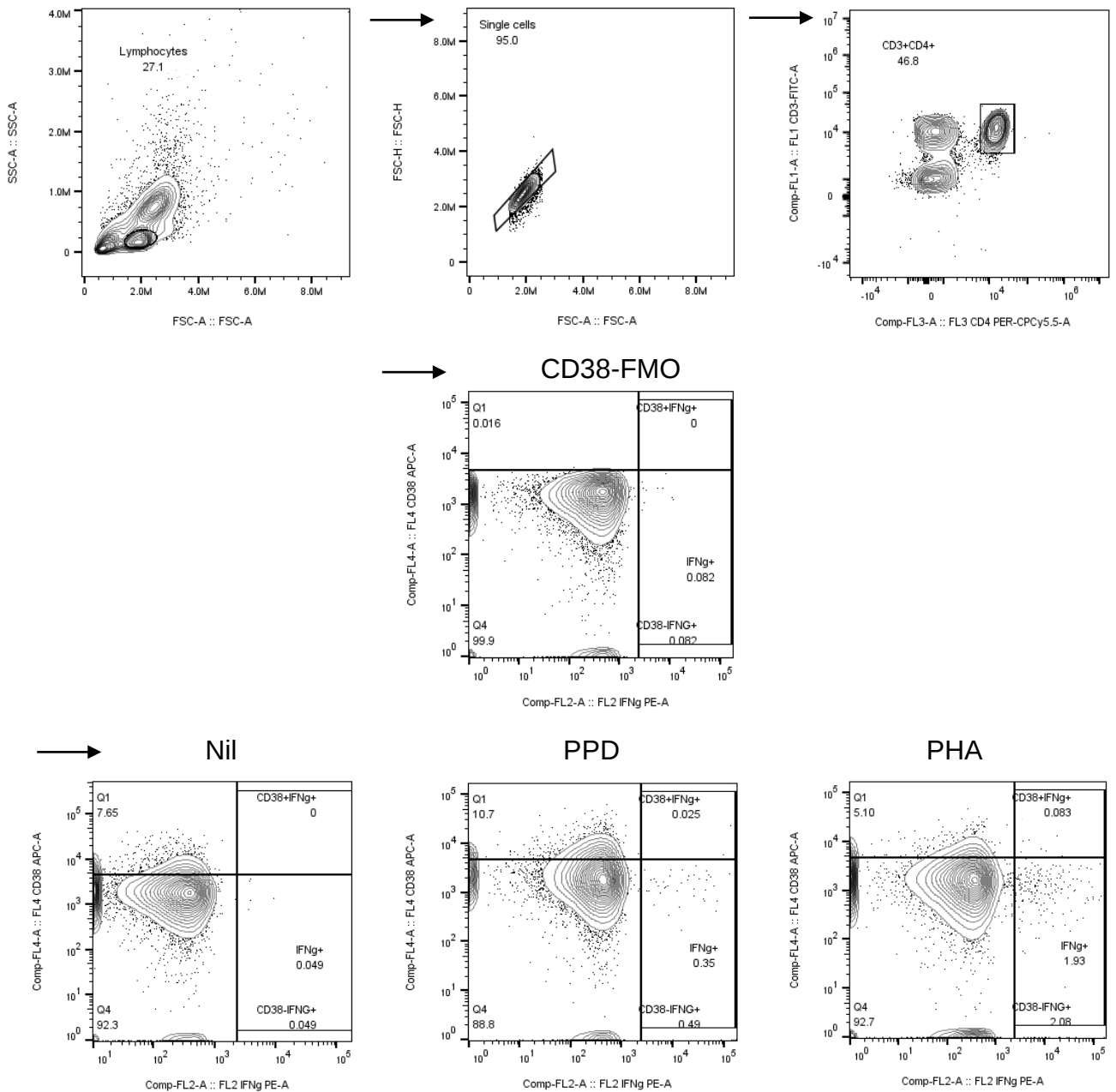
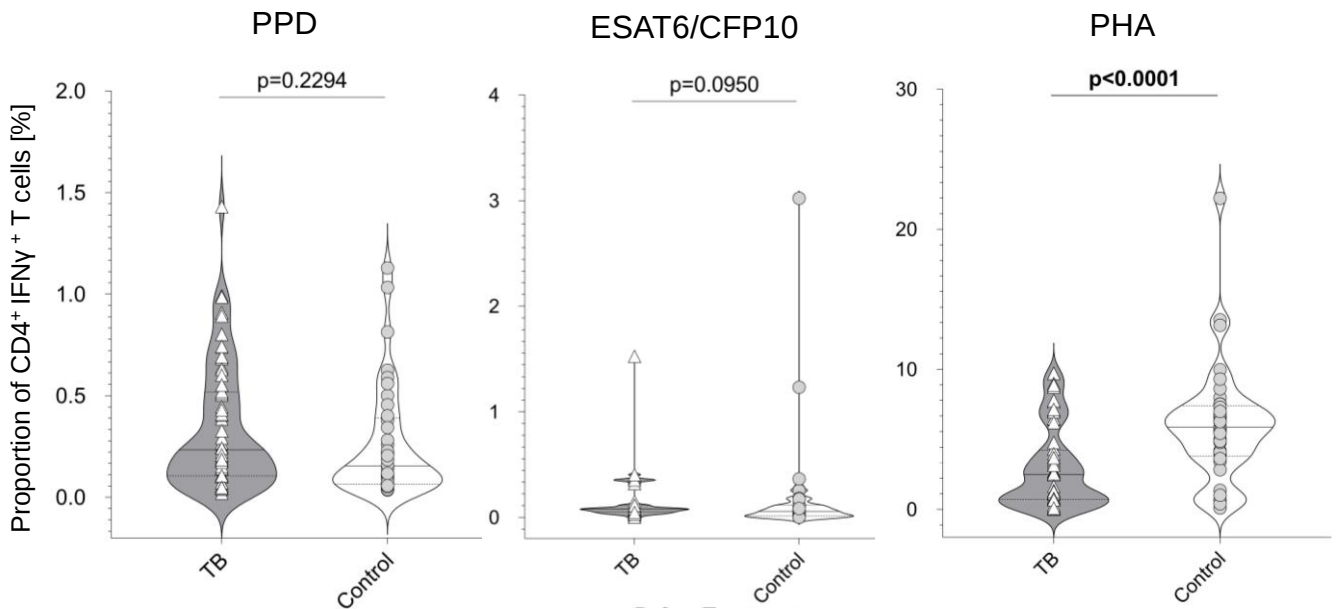


Supplementary Figure 1



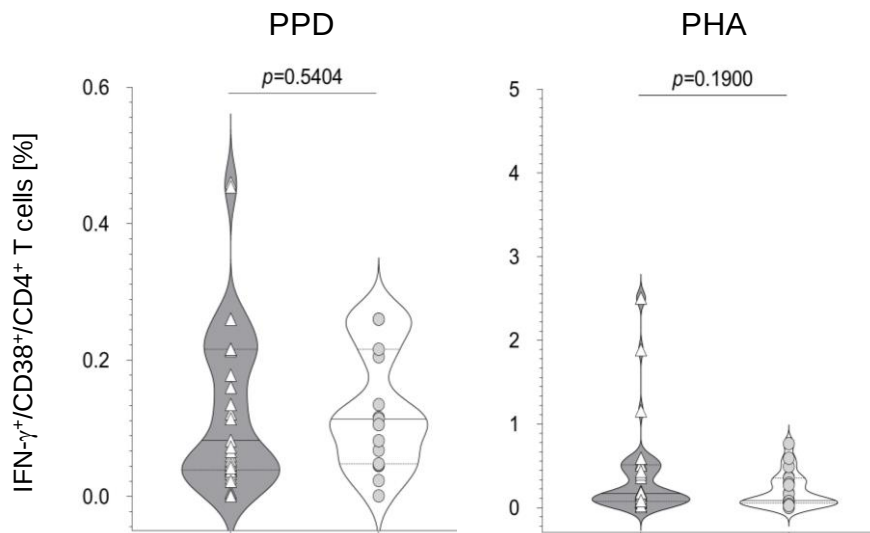
Representative depiction of the flow cytometry gating procedure. Lymphocytes were first selected based on size (forward scatter area, FSC-A) and granularity (side scatter area, SSC-A). Next, duplets were excluded using FSC-A vs. forward scatter height (FSC-H). CD3⁺ CD4⁺ T cells were then selected and the proportions of all IFN- γ ⁺ cells (gate combines quadrant (Q)2 and Q3) as well as IFN- γ ⁺/CD38⁺ cells (Q2) were deduced. A fluorescence minus one (FMO) control not stained for CD38 was used to set the quadrants. Proportions of non-stimulated samples (nil) were subtracted from antigen specific and PHA-induced proportions. Contour plot with outliers are given.

Supplementary Figure 2



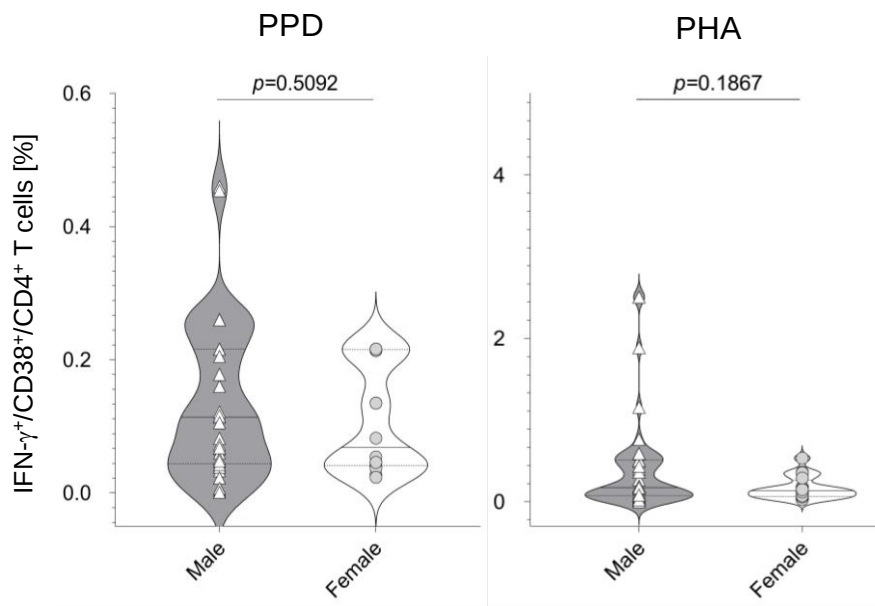
Proportions of CD4⁺ IFN γ ⁺ T cells after *in vitro* stimulation with purified protein derivative of *M. tuberculosis* (PPD_{Mtb}), the early secretory antigen target 6/ Culture filtrate protein-10 fusion-protein (ESAT6/CFP10) and phytohemagglutinine (PHA) were compared between tuberculosis patients (TB, n=60; deep grey) and controls (n=37; open background). A two-tailed Mann-Whitney U-test analysis was employed, and nominal p values are provided. Significance was achieved at p<0.05 and was indicated by bold letters.

Supplementary Figure 3



Proportions of IFN- γ ⁺/CD38⁺/CD4⁺ T cells after *in vitro* stimulation with purified protein derivative of *M. tuberculosis* (PPD_{Mtb}) and phytohemagglutinine (PHA) were compared between grade 2/3 (n=41; deep grey) and grade 1/scanty/Negative (n=19; open background) tuberculosis patients. A two-tailed Mann-Whitney U-test analysis was employed, and nominal p values are provided.

Supplementary Figure 4



Proportions of IFN- γ ⁺/CD38⁺/CD4⁺ T cells after *in vitro* stimulation with purified protein derivative of *M. tuberculosis* (PPD_{Mtb}) and phytohemagglutinine (PHA) were compared between male (n=44; deep grey) and female (n=16; open background) tuberculosis patients. A two-tailed Mann-Whitney U-test analysis was employed, and nominal p values are provided.