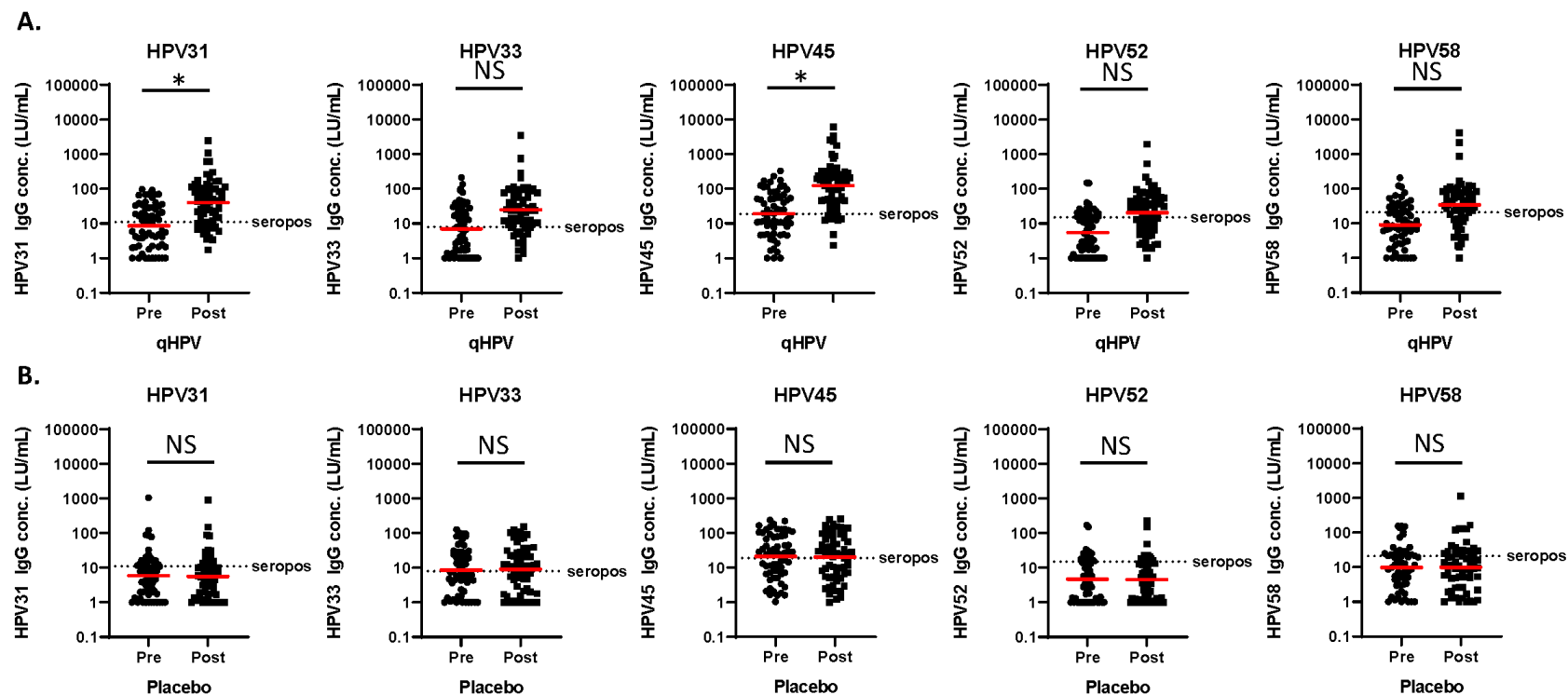


Supplementary figure 1



HPV type-specific IgG antibody concentrations for non-vaccine types (HPV31, 33, 45, 52, 58) before first (pre) and 3 months after last vaccination (post)

A. qHPV group, B. placebo group. Units: LU/mL. Red bars represent geometric mean concentrations. Dotted line/seropos: seropositivity thresholds: 11 LU/mL (HPV31), 8 LU/mL (HPV33), 19 LU/mL (HPV45), 15 LU/mL (HPV52), 21 LU/mL (HPV58). * : $p < 0.01$; NS : non-significant ($p > 0.05$) (paired t-test).

Abbreviations: HPV, human papillomavirus; IgG, Immunoglobulin; qHPV, quadrivalent HPV vaccine; LU/ml, Luminex units per ml.