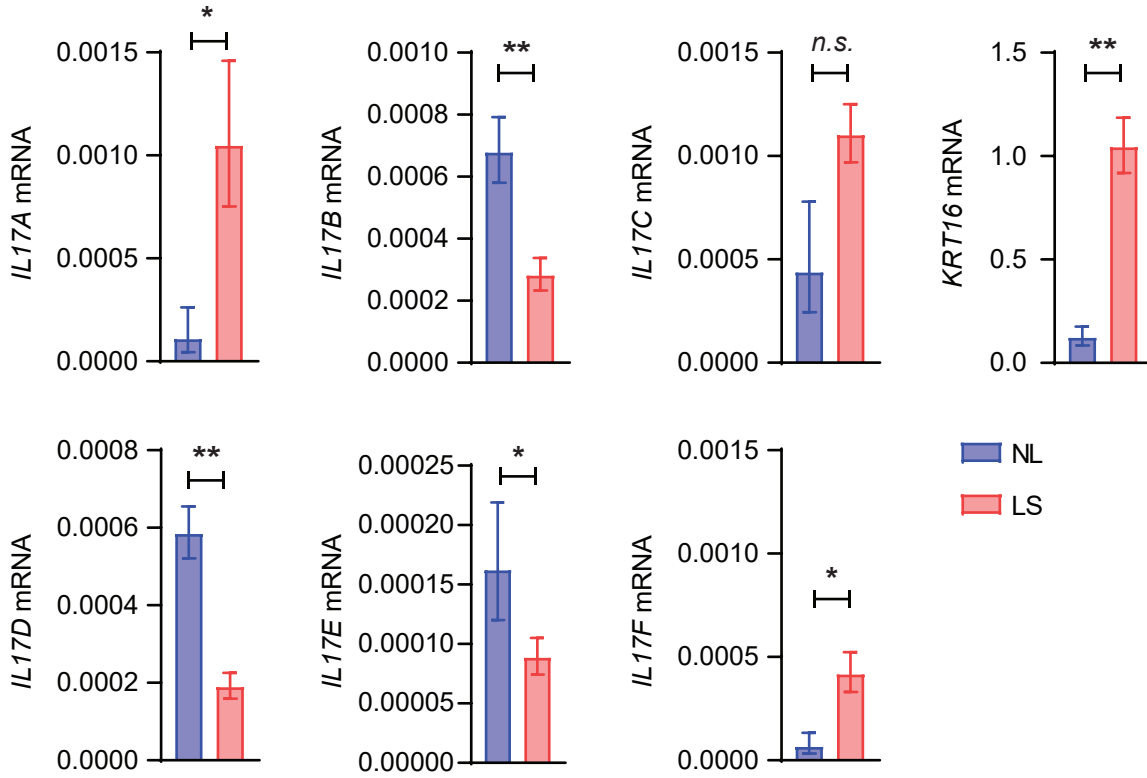
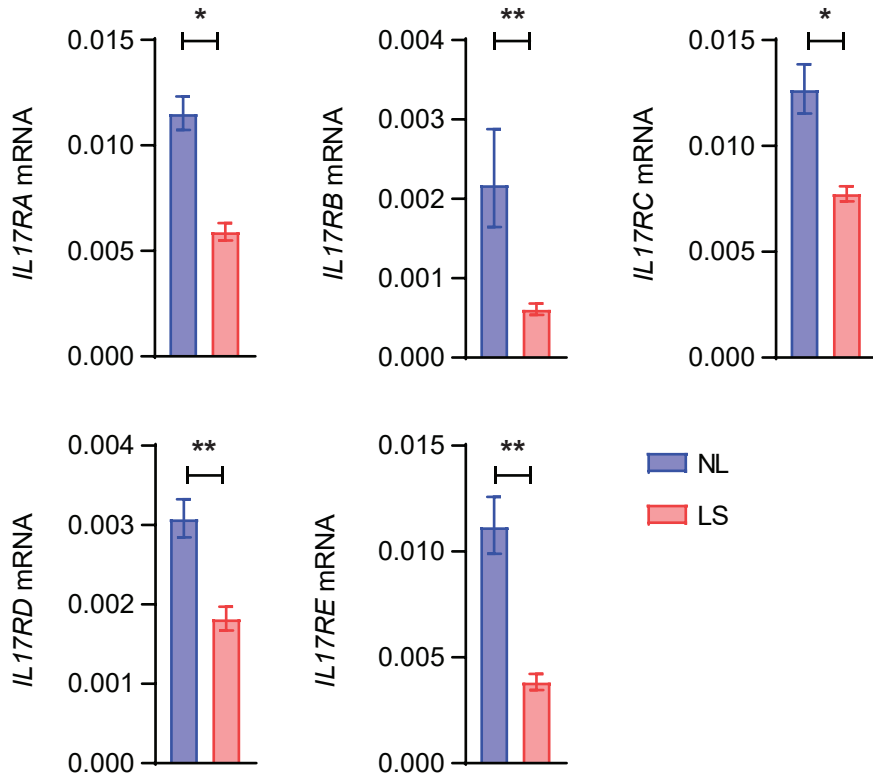
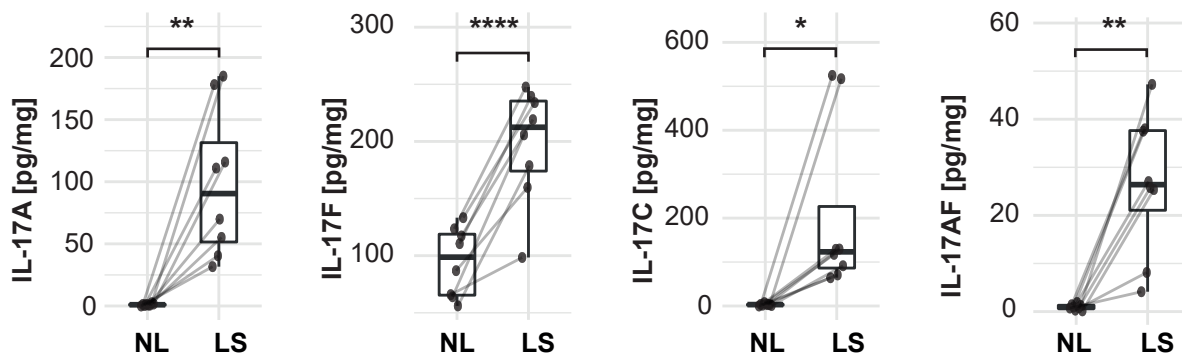


**a****b****c**

**Figure S1: Expression of IL-17 family cytokines and receptors in psoriasis skin biopsies.**

Gene expression of a) *IL17* family cytokines and *KRT16* and b) *IL17R* in paired samples of lesional and non-lesional skin (cohort III, n=6). mRNA levels were undetectable for IL17A, IL17C and IL17F in non-lesional skin from two of the six patients. RPLP0, PPIA and GAPDH were used as reference genes for normalization. Bars show mean mRNA expression ( $2^{\Delta Ct}$ ) +/- SEM. p values were calculated via marginal means (i.e. least-square means) and were Benjamini-Hochberg adjusted for multiple testing. b) Gene expression of *IL17R* on the same samples as described in (a). c) Protein levels of IL-17 family cytokines in paired samples of lesional and non-lesional skin (cohort IV, n=8) using ELISA or MSD kits. Protein levels (pg/mg of total protein) are plotted as means with lower and upper hinges corresponding to 25th and 75th percentiles. ns  $p > 0.05$ , \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ .