Supplemental Figure 4: Neutrophil skin infiltration and IMQ-induced psoriasis like plaques in STIM$^{fl/fl}$;LyzM$^{+/+}$ and STIM$^{+/+}$;LyzM-Cre control mice

Neutrophil infiltration and IMQ-induced psoriasis like plaque evolution were analyzed in back skin from mice in remission 2 days (D5+2), 3 days (D5+3) or 3 and half days (D5+3½) after last IMQ cream application. (A) Flow cytometry analysis of infiltrated neutrophils from dermal single cell suspensions. Percentage of neutrophils is calculated from double positive Ly6G$^+$/Cd11b$^+$ cells. ns denotes no significant difference and * a significant difference compared with cells from STIM1$^{fl/fl}$;LysM$^{+/+}$ mice (*P<0.1*) based on one way ANOVA followed by Bonferroni's post hoc test. Bar graphs show mean values ± SEM of 3 mice per group (B) Severity of scaling was evaluated blindly and scored on a scale from 0 to 3. ns denotes no significant difference and * significant difference for D5+3½ compared with the score from STIM1$^{fl/fl}$;LysM$^{+/+}$ mice (P<0.1) based on two way ANOVA followed by Bonferroni's post hoc test. Means ± SEM from 3 mice per genotype.