



**Fig. S6. Quantification of SKALP/elafin and K16 staining.** Stainings of epidermal activation markers SKALP/elafin and K16 were quantified with ImageJ software to analyse whether there were differences in the amount of protein expression dependent on interleukin (IL)-9, IL-4 and IL-13 cytokine stimulation. Data are presented a fold difference compared with the unstimulated control human epidermal equivalents (HEEs) represented by the red line. One-way analysis of variance (ANOVA) was performed to statistically test for significant differences.\*\*\* $p < 0.001$ . ns: not significant.  $n = 3$ .