



**Fig. S8. No effects of interleukin-9 (IL-9) on human epidermal equivalents (HEEs) upon induced expression.** (A) Epidermal differentiation or pro-inflammatory genes of HEEs stimulated with IFN- $\gamma$  (500 U/ml) for 6 h or in combination with IL-9 (50 ng/ml) for 72 h. Bars represent mean  $\pm$  SD,  $n = 3$  keratinocyte donors,  $*p < 0.05$ . (B). Immunohistochemistry of Ki67, keratin 10 (K10), involucrin (IVL), loricrin (LOR), filaggrin (FLG), SKALP and human beta defensin-2 (hBD2). HEEs were stimulated with IFN- $\gamma$  (500 U/ml) alone for 6 h or subsequently stimulated with IL-9 (50 ng/ml) for 72 h. Images are representative of  $n = 4$  keratinocyte donors. Scale bar = 100  $\mu$ m.