



Fig. S4. The protein expression of late cornified envelope 2A protein, keratin 10 and keratin 14 in the upper epidermis of human epidermis equivalents (HEE) (n = 7). Representative LCE2A, keratin 10 and keratin 14 immunohistochemical stainings upon interleukin (IL)-33 (100 ng/ml), high mobility group box 1 protein (HMGB1) (100 μ M) or IL-4 (50 ng/ml) stimulation. No convincing reduction of LCE2A protein expression was observed from either stimulation. IL-4 stimulation resulted in a clear reduction of keratin 10 staining intensity in the HEE model, whereas keratin 10 and keratin 14 stainings in IL-33 and HGBM1 stimulated equivalents were inconclusive compared with unstimulated controls. Scale bar: 100 μ m.