



Fig. S4. Expression TRPV4. a) Negative control (primary antibody omitted) showed the absence of immunoreactivity. TRPV4 was detected in the epidermal keratinocytes in control mice (Ctrl). In *STAT3* cKO mice (cKO), TRPV4 expression was weaker compared to Ctrl. A bar indicates 25 μ m. b) GAPDH and TRPV4 mRNA expressions were detected in Ctrl and cKO.