



*Fig. S2.* (a) Skin biopsy shows mild parakeratotic hyperkeratosis and moderate, regular acanthosis with telangiectasia in the papillary dermis. Infiltration of neutrophils in the stratum corneum is also seen (haematoxylin-eosin, original magnification  $\times 200$ ). (b–d) Immunostaining for CD3 (b), CD4 (c) and CD8 (d). Immunostaining shows the infiltration of CD4<sup>+</sup> T-cells in the dermis and CD8<sup>+</sup> T-cells in the epidermis (original magnification  $\times 200$ ). (e) Interleukin-17<sup>+</sup> cells infiltrated into the upper dermis (immunostain, original magnification  $\times 200$ ). (f) Control immunostaining using a secondary antibody only shows no colorimetric reaction (original magnification  $\times 200$ ).