



**Fig. S2.** (a) Histopathology showed irregular epidermal hyperplasia, diffuse dermal infiltrates comprised primarily of neutrophils and dilated small vessels filled with neutrophils (haematoxylin and eosin stain, original magnification  $\times 40$ ). (b) Homozygous mutation, c.115+6T>C in the *IL36RN* gene.