



Fig. S2. Consequences of the *CARD14* mutation. (a) Immunohistochemical staining for filaggrin and LEKTI. (b) In the patient and a control skin. Bars: 100 μ m. (c) The graph illustrates the results of quantitative real-time PCR (qPCR) and shows the gene expression relative to the control. H-300; Santa Cruz, Heidelberg, Germany. Transcription into cDNA (Fermentas, St Leon-Rot, Germany) was followed by quantitative real-time PCR (qPCR) using SYBR[®] Select Master Mix (Life Technologies) and Biorad CFX96 PCR Detection System (both BioRad, Munich, Germany). Primer details are included in the Table S1¹.