



Fig. S1. Gene expression analyses using quantitative real-time polymerase chain reaction (qRT-PCR). Analysis of the relative expression levels of *CDSN* (corneodesmosin), *CASP1* (caspase 1), interleukin 18 (*IL18*) and keratin 1 (*KRT1*) of keratinocytes affected by the c.1031delC (p.Ile345Serfs*) and c.175A>T (p.Lys59*) mutations compared with 4 different healthy primary keratinocyte cell lines.