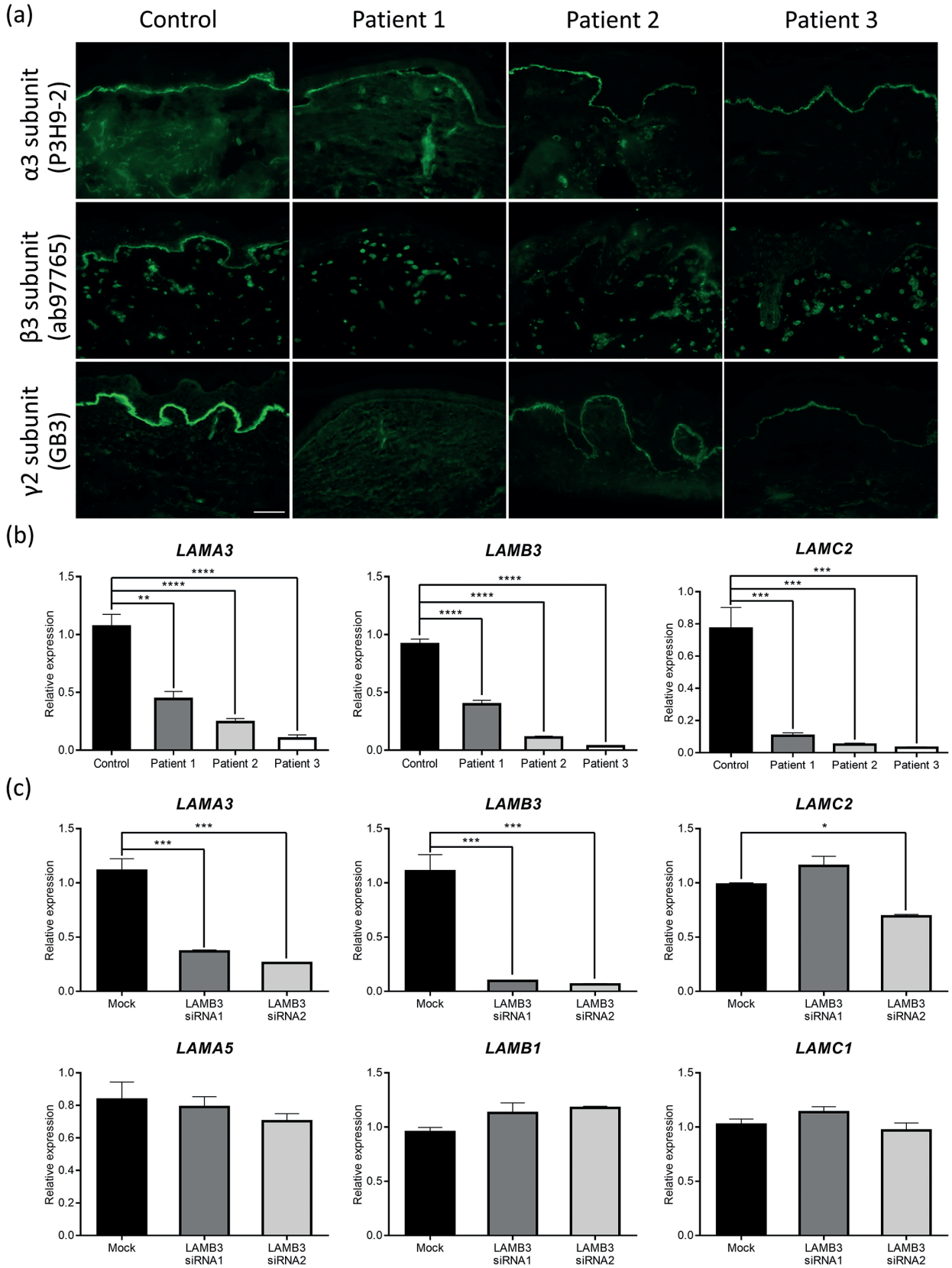

Fig. S2. Immunofluorescence and quantitative real-time PCR studies. (a) Immunofluorescence microscopy studies: all 3 cases had near-complete absence or marked decrease in the β3 and γ2 subunits of laminin-332, while α3 chains showed normal staining. Scale bar=50μm. (b) Q-PCR studies on skin samples ($n=1$): all 3 patients had significantly reduced *LAMA3, LAMB3, LAMC2* transcripts. (c) *In vitro* Q-PCR studies on normal human epidermal keratinocytes ($n=3$): the decrease in *LAMA3, LAMC2* transcripts was reproducible and specific for laminin-332 genes. The transcripts of *LAMA5, LAMB1*, and *LAMC1* were used as control groups.