



Fig. S2. Immunofluorescence antigen mapping with anti-type VII monoclonal antibody shows granular deposits irregularly distributed within the epidermis in (a) patient 3 and (b) patient 4, while the linear labelling along the cutaneous basement membrane zone (BMZ) appears reduced compared with (d) normal control skin. In skin sections from the father of patient 4 a faint cytoplasmic staining (*arrowheads*) is visible in some keratinocytes, while the labelling intensity along (c) the BMZ appears comparable to normal skin. Bars: (a, b, d) 100 μ m and (c) 50 μ m.