



Fig. S2. (a) Pedigree of EB74. (b) Dystrophic nail and hyperkeratosis of fingers and oral mucosa involvement of proband EB74. (c) Amino acid substitution of Isoleucine into Asparagine in EB74 results in both change in polarity and hydrophobicity. (d) Pedigree of EB294. (e) Generalised intermediate phenotype blistering in two children from EB294 family that is worse in summer but markedly better in winter.