



Fig. S1. Keratin 10 (K10) protein expressions is decreased after all-*trans*-retinoic acid (ATRA) exposure of differentiated epidermolytic ichthyosis (EI) keratinocytes. Keratin expression were analysed in EI cells by immunofluorescence in (a) unstressed cells exposed to dimethyl sulphoxide (DMSO) and (b) in cells exposed to 1  $\mu$ M ATRA for 24 h. The fraction of K10<sup>+</sup> cells was markedly decreased after exposure to ATRA. Scale bars denote 20  $\mu$ m.