

Figure S1.

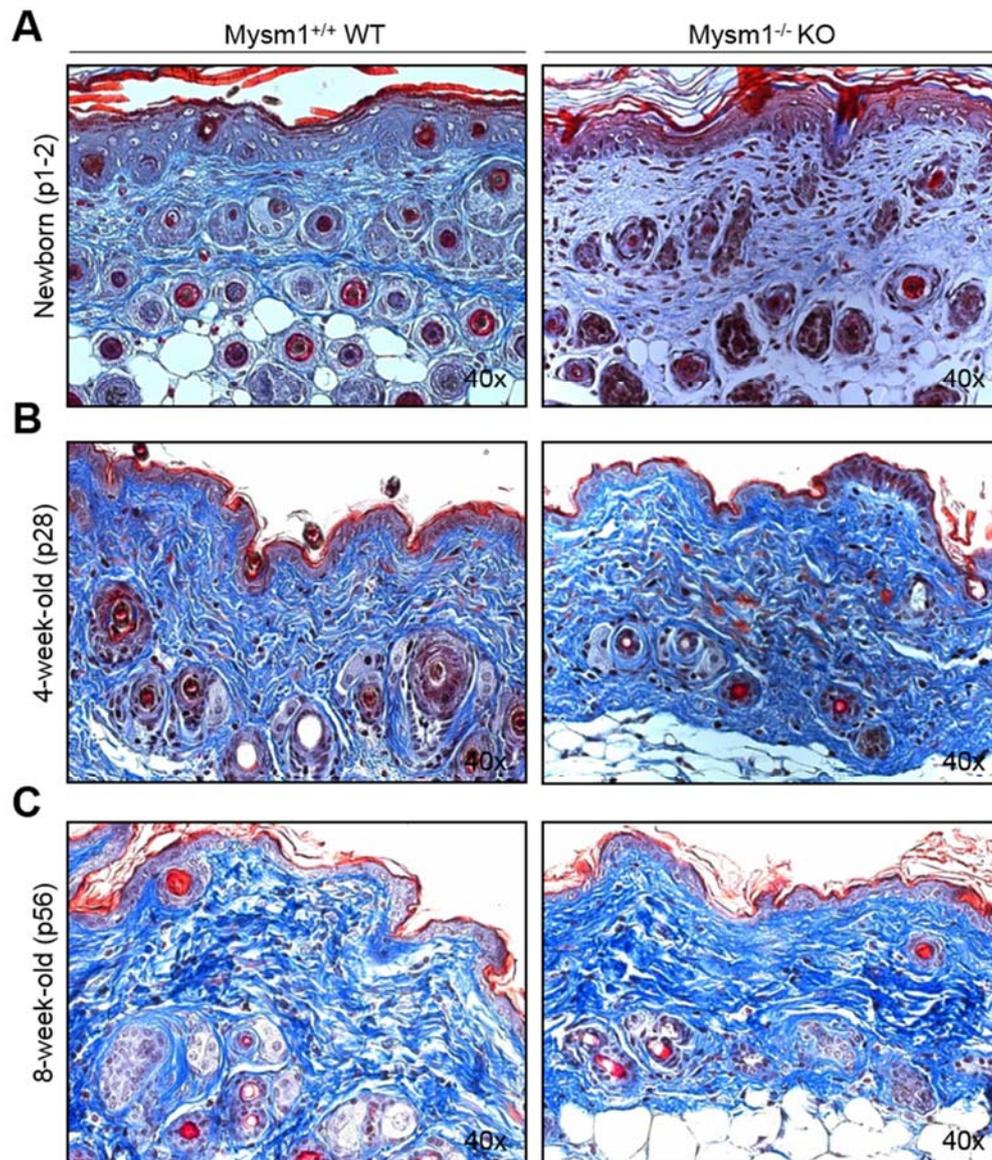


Fig S1: Collagen deposition in *Mysm1*-deficient skin. Masson Trichrome stainings of mouse skin sections of (A) newborn, (B) 4-week-old and (C) 8-week-old *Mysm1*^{-/-} mice in comparison with wild-type littermates ($n > 3$, representative images, original magnification 40X).

Figure S2.

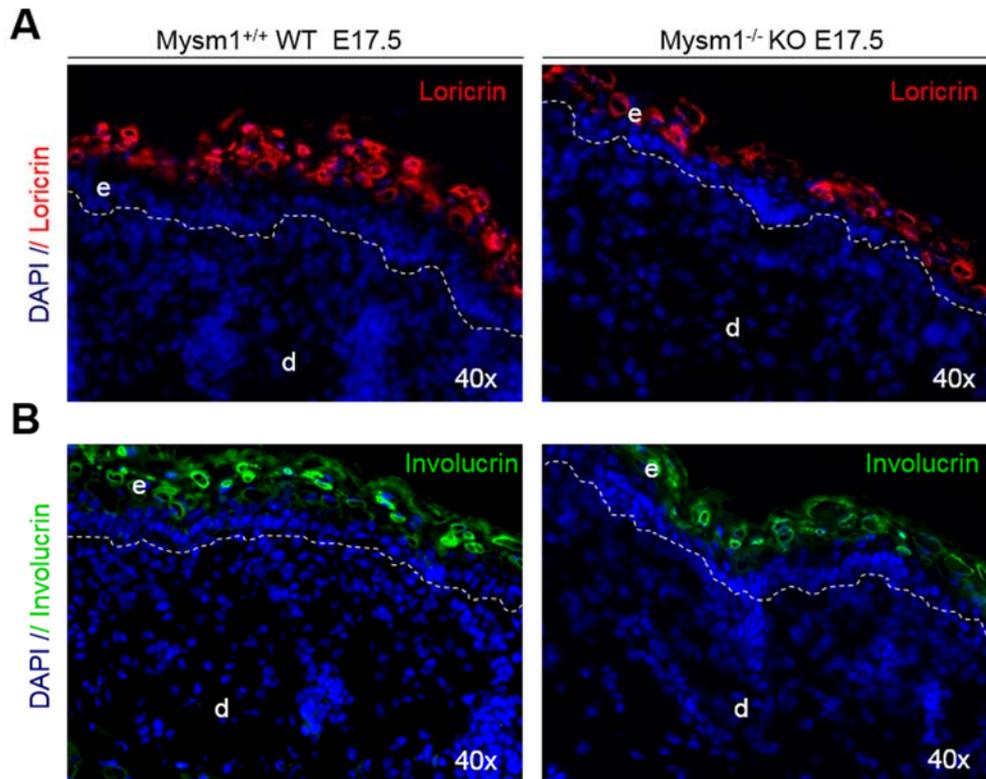


Fig. S2: Expression of EDC proteins in Mysm1-deficient epidermis during development. IF analysis of E17.5 skin of Mysm1-deficient in comparison with wild-type mice ($n > 3$, representative images shown, dotted white lines separate e: epidermis and d: dermis, original magnification 40X). (A) Loricrin expression (Loricrin red, DAPI-stained nuclei blue). (B) Involucrin expression (Involucrin green, DAPI-stained nuclei blue).