



Fig.S23 Rapamycin suppresses EMPD-associated marker genes in Msi1-induced murine skin. **a** Western blotting analysis of pS6 in vehicle- and Rapamycin-treated DTG mice 48 hours after continuous Doxycycline treatment. β -Tubulin was used as loading control. **b** qRT-PCR analysis of *Pdpn*, *Mmp9*, *Her2*, *Krt8*, *Krt7*, and *S100a9* in skin of vehicle- or Rapamycin-treated DTG mice 48 hours after continuous Doxycycline induction. Student's *t*-test; ** $P < 0.01$. **c** PAS and immunohistochemical staining against Mmp9, Pdpn, and Cam5.2 in dorsal skin of vehicle- or Rapamycin-treated DTG mice 48 hours after continuous Doxycycline induction. Representative images are shown. Epidermis and dermis are demarcated with broken line. Scale bar: **c**– 50 μ m.