



Supplementary Fig. S4 GPR55 mediates TPA-induced dermal inflammation. Wt and GPR55 KO mice received a single topical application of the tumor promoter TPA. Immunofluorescence analysis (A) and quantification (B) of CD45-positive (green) cells (differentiated hematopoietic cells except erythrocytes and platelets) 72 h after TPA application. Cell nuclei are in blue. Results are expressed as % vs total cells per field. C and D, Real-time quantitative PCR analysis of IL-β1 (C) and TNF-α (D) mRNA, in the skin of wt and KO mice at the indicated times after TPA application. Results are expressed in arbitrary units. **, $p < 0,01$ vs t_0 (time of TPA application); ##, $p < 0,01$ vs the corresponding group of wt mice.