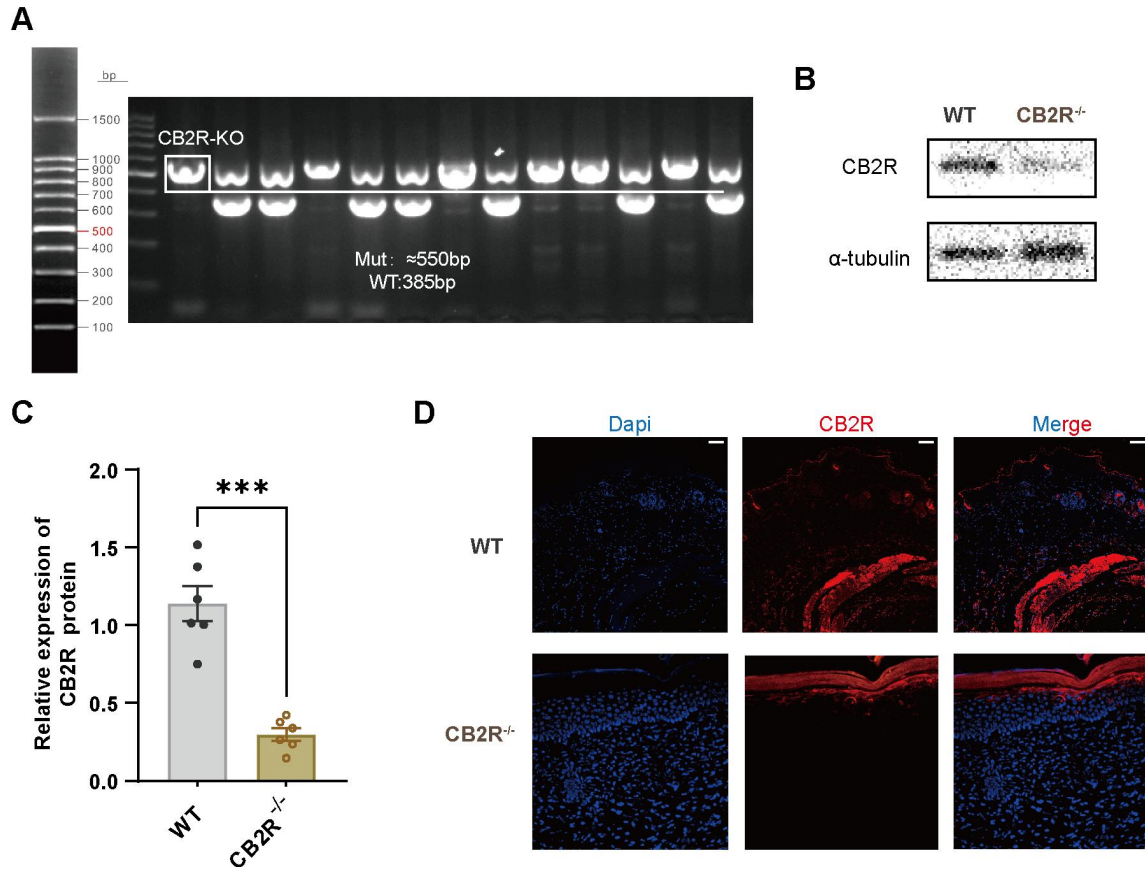


Supplementary Table S1. Primer Sequences for PCR Genes		
Gene name	Forward 5' –3'	Reverse 5' –3'
IL4	TACCAGGAGCCATATCCACGGAT G	TGTGGTGTTCCTTCGTTGCTGTGAG
IL13	CTTGCTTGCCTTGGTGGTCTC	GGAGTCTGGTCTTGTGTGATGTTG
IL31	GCCTACCCTGGTGCTGCTTTG	TGTGCTATGATGACCGAGATGTTG G
IL4R	CTGTGGCTGCTGCTACGATGAC	GAGGTTGGCTTCTGGTGGTATTCC
IL31R	AGGAAGGTGCGATTGTTGTGGA AG	TTCATACTGCTGGGTGGTGTGTT G
CNR2	CGTGATCTTCGCCTGCAAC	GTCAACAGCGGTTAGCAGCA
DAGLβ	ACCGTCATTGTCAGCTGGAT	GCTGTTACTGTCCAGGTGCT
NAPE-PL D	GAAGAGCCACCGCGTTTTTAG	CCTCGGCGAGAAGTTGTATTC
MAGL	CCTCACCTGGTCAATGCAGA	ACAAAGATGAGGGCCTTGGG
FAAH	GGCAATGAACTTGGACGTGG	TGTAGCTGATAGCCCCTGTG



Supplementary Figure S1. Characterization of CB2R expression in the cervical skin of CB2R^{-/-} Mice. (A) The agarose gel map illustrates the PCR-amplified DNA fragments from CB2R^{-/-} mice. (B) Representative WB diagram for CB2R. (C) Quantitative analysis of CB2R expression, with expression levels normalized to α -tubulin. (D) Immunofluorescence images of skin lesions demonstrate the presence of CB2R (red), while nuclei of the cells were stained using DAPI (blue). Scale bars=100 μ m. Data are shown as mean $\pm$ S.E.M (n = 6 per group). *** $p < 0.001$, as determined by an unpaired t -test.

