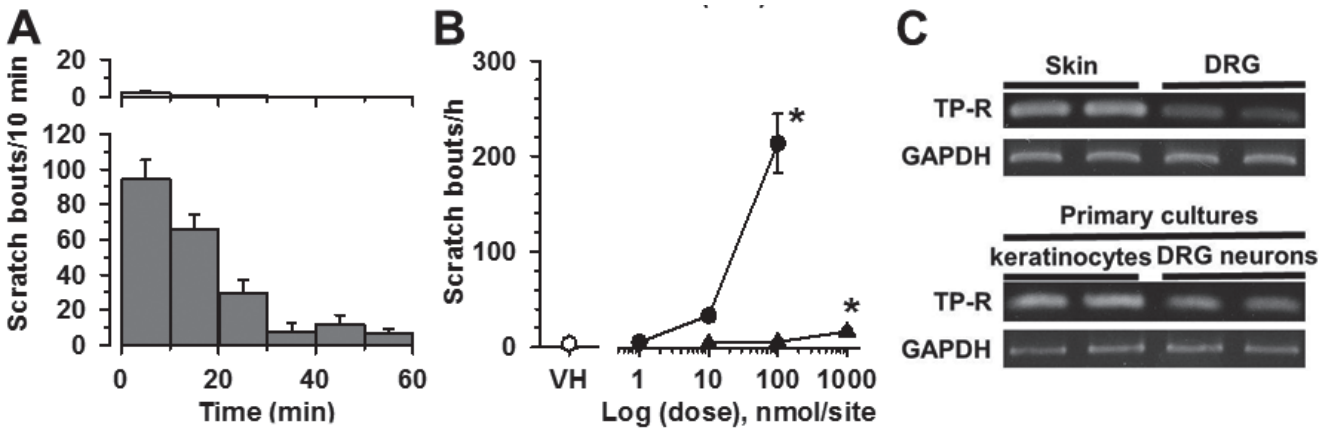

Fig. S3. Scratching following intradermal injections of the thromboxane (TX) A_2 receptor (TP-R) agonist U-46619 in healthy NC mice and TP-R mRNA expression in skin, dorsal root ganglion (DRG) and primary cultures (keratinocytes and DRG neurons). (A) Time course of scratching following vehicle (VH) (upper panel, 0.2% ethanol in saline) or U-466169 (lower panel, 100 nmol/site) injection. (B) Dose-response curves for scratching in response to U-46619 and histamine. Healthy NC mice were given intradermal injections of U-46619 (●), histamine (▲), or vehicle (VH; ○, 0.2% ethanol in saline; △saline). Values represent the means and S.E.M. ($n = 8$). *$p < 0.05$, as compared with VH-treated mice (Holm–Šidák test). (C) Expression of TP-R mRNA in NC mice. mRNA expression of TP-R in skin, DRG and primary cultures (keratinocytes and DRG neurons) was analyzed using RT-PCR. The methods of primary cultures of keratinocytes and DRG neurons are described in the Materials and Methods section and as previously published (17), respectively. The sequences of the specific primer pairs for TP-R and glyceraldehyde-3-phosphate dehydrogenase (GAPDH) are detailed in the legend of Fig. S1 and the Materials and Methods section, respectively.