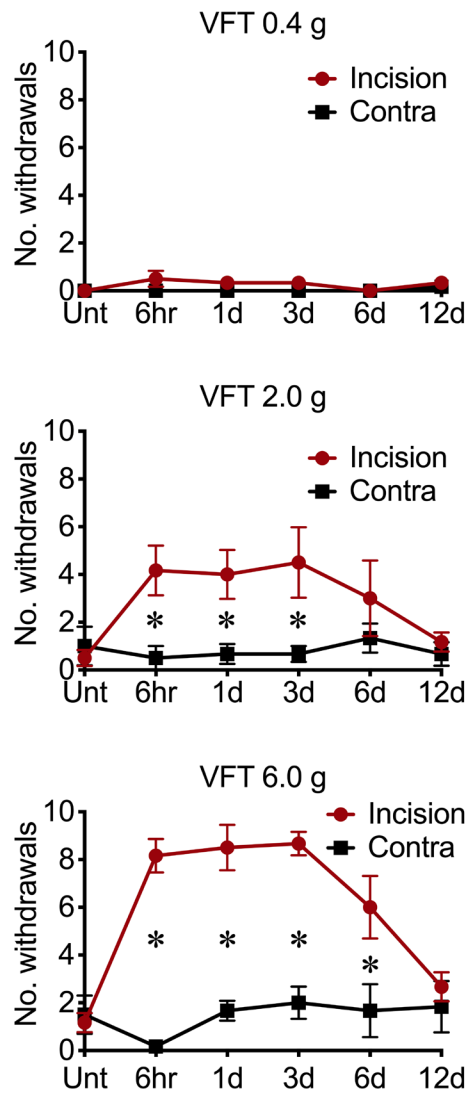


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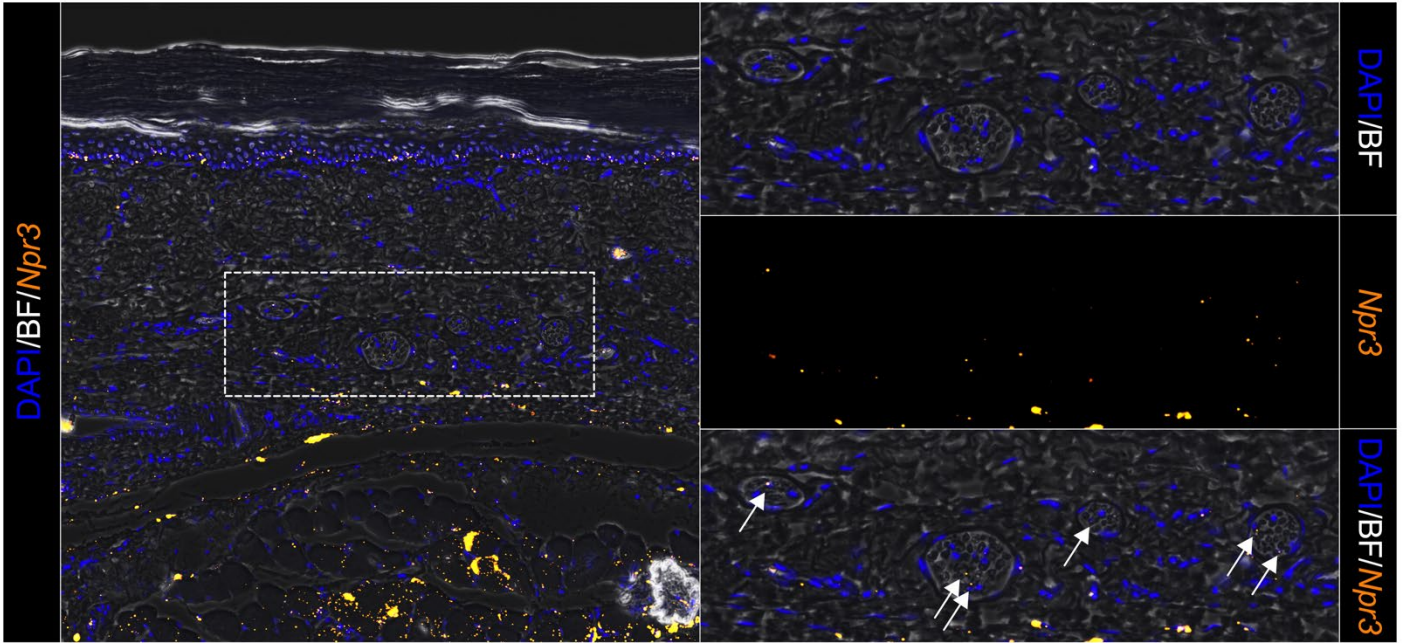
## Supplementary Figures



**Figure S1** von Frey tests (VFT).

(Upper) VFT using 0.4 g hair in the incision side and the untreated control side. (Middle) VFT using 2.0 g hair in the incision side and the untreated control side. (Lower) VFT using 6.0 g hair in the incision side and the untreated control side.

Unt, untreated control; hr or h, hour(s); d, day(s)



**Figure S2** Photomicrographs of in situ hybridization for *Npr3* expression in nerve bundles in the hind paw tissue.

*Npr3* (orange), DAPI (blue), bright field (white). Left panel shows low power image of the hind paw tissue (left column) and in the inflammation (right column). Small images in the right show high power images of the areas of interest of which is indicated by black dashed boxes. White arrows indicate the positive signals in the nerve bundles.