

Figure 1-figure supplement 2

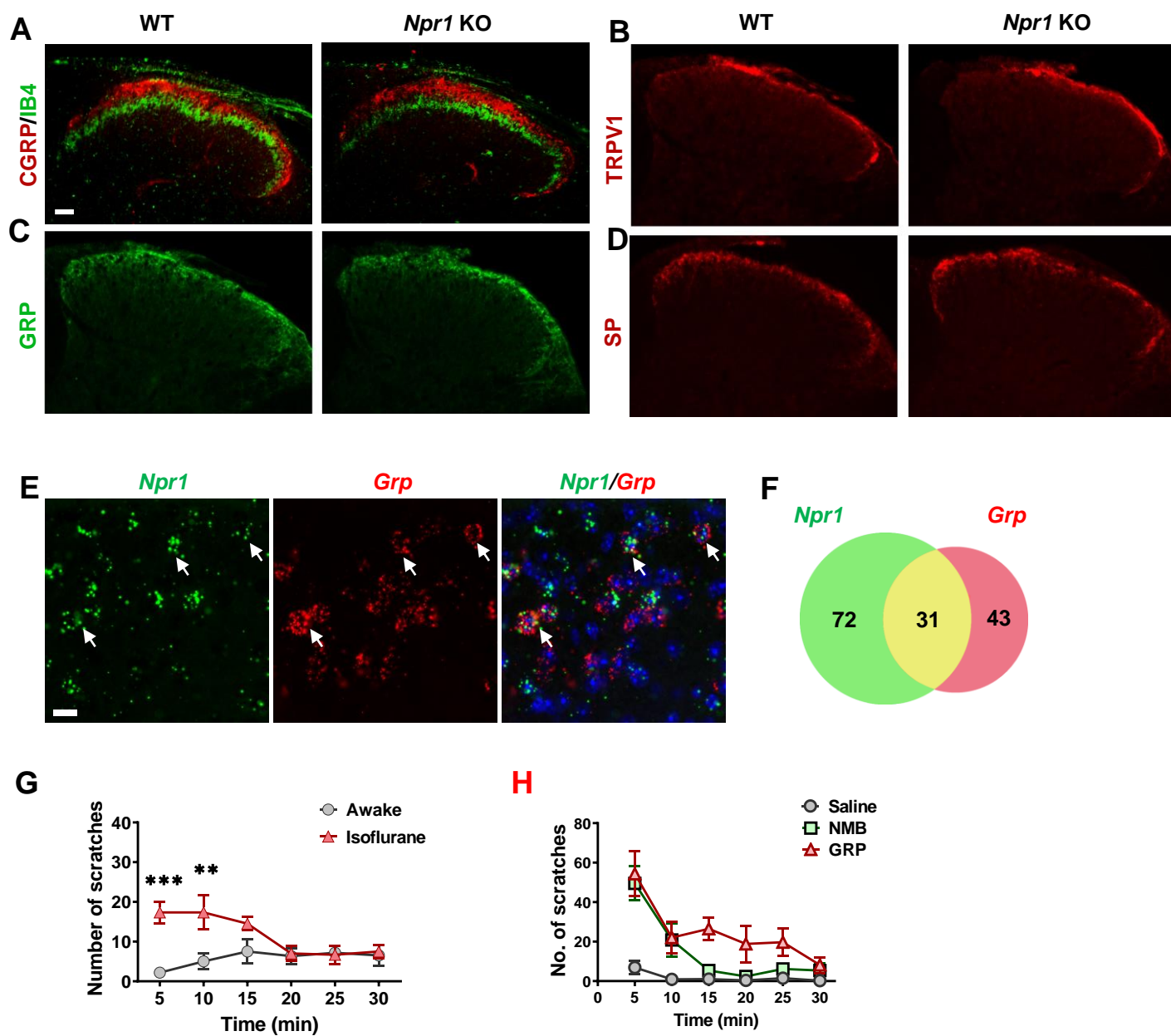


Figure 1-figure supplement 2: Normal innervation of primary afferents in *Npr1* KO mice and WT mice. A-D, Comparable expression of CGRP (red) and IB4 staining (green), TRPV1, GRP, and SP in the superficial dorsal horn of WT and *Npr1* KO mice. Scale bar, 50 μ m. E, Images of double RNAscope ISH showing that *Npr1* (green) is partially co-expressed with *Grp* (red) in the dorsal horn. Arrows indicate double-positive neurons. Scale bar, 20 μ m. F, Venn diagram showing partial overlapping of *Npr1* and *Grp* expression. G, Scratching behaviors elicited by i.t. BNP (150 μ M) were significantly enhanced by isoflurane. H, Time course of i.t. NMB (1 nmol) and GRP (1 nmol) evoked scratching behavior. n = 6. ** P < 0.01, * P < 0.001, two-way ANOVA followed by Bonferroni's test. Values are presented as mean \pm SEM. Scale bar, 50 μ m in A-D, 20 μ m in E.**