

BISPHENOL A REGULATES SODIUM RAMP CURRENTS IN MOUSE DORSAL ROOT GANGLION NEURONS AND INCREASES NOCICEPTION

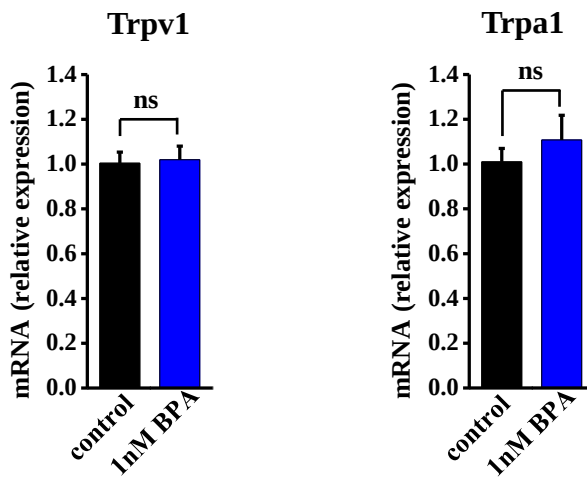
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Supplemental figure 1. BPA treatment does not affect the expression of TRPV1 and TRPA1 channels.(A, B) Bar graphs showing the relative expression of *Trpv1* and *Trpa1*, respectively, in control neurons (black bars) and in the presence of 1 nM BPA (blue bars) over 24-48 h in DRG neuron. The mRNA expression of the TRP channels was analyzed by quantitative RT-PCR and was normalized by housekeeping gene *Hprt*. (RT-PCR primers, see Supplementary Table 1).The results were obtained from three different preparations of dissociated DRG neurons from 6 male mice (experiments performed in duplicate). (Figure S1 *Trpv1*; $p = 0.78$, $t = 0.28$ $df = 12$; Figure S1 *Trpa1*; $p = 0.47$, $t = 0.74$ $df = 12$).