

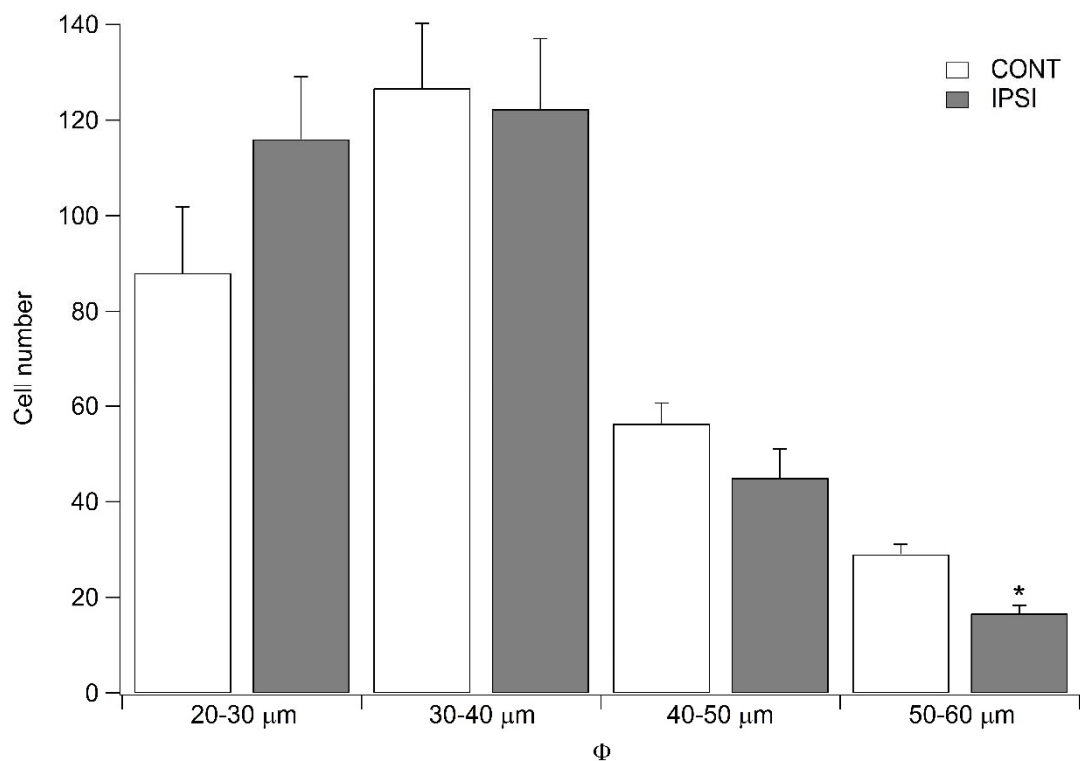
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SUPPLEMENTAL INFORMATION

Prostanoid EP4 receptor-mediated augmentation of I_h currents in A β dorsal root ganglion neurons underlies neuropathic pain

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SUPPLEMENTAL FIGURES



Supplemental Figure: Distribution of neurons with different diameters in the contralateral and ipsilateral L5 DRGs on day 10 after the nerve injury. Isolated contralateral and ipsilateral DRGs were plated in a 24-well plate. Phase-contrast images of the cells were acquired, and the diameters of 300 cells from each L% DRG of 3 rats were measured. The number of neurons in each class was averaged and plotted in the graph. The significant difference is indicated as follows: * $p < 0.05$ versus the contralateral side.

SUPPLEMENTAL METHODS

Measurement of diameters of L5 DRG neurons

After 10 days of the L5 spinal nerve transection, contralateral and ipsilateral L5 DRG neurons from 3 rats were isolated by collagenase and placed on a 24-well plate. Phase-contrast images of the cells were acquired by AxioObserverZ1 microscopy (Carl Zeiss Ind., Oberkochen, Germany). Diameters of 300 cells from each L5 DRG were measured using the length measurement tool of ImageJ software (NIH, Bethesda, Maryland). Then, the number of neurons in each class was averaged and plotted in the graph.