

**Figure S4:** (a-f) Photomicrographs of cryosections of rat cervical (C8) dorsal root ganglion showing sensory neurons immunoreactive for the following cannabinoid-related receptors: Nuclear peroxisome proliferator-activated receptor gamma (PPAR $\gamma$ ) (a-c); G protein-coupled receptor 3 (GPR3) (d-f). (a-c) Stars indicate some neurons expressing granular and bright cytoplasmic PPAR $\gamma$ -IR, which was more concentrated close to the cell membrane. The arrows indicate neuronal nuclei showing faint PPAR $\gamma$ -IR. (d-f) Stars indicate some neurons expressing bright and granular cytoplasmic GPR3-IR. Arrows indicate nerve processes showing faint GPR3-IR.

Bar: a-f = 100  $\mu$ m

