



Supplementary Figure 1 Peripheral nerve injuries enhanced EAAC1 mRNA expression in rats, while unchanged in mice. (A) Film autoradiography of *in situ* hybridization showed that expression of EAAC1 mRNA was up-regulated in injured facial nucleus of rat (arrow). (B) Emulsion autoradiography of EAAC1 mRNA in facial nuclei. Scale bars, 300 μ m for rat and 150 μ m for mouse. (C) Expression of EAAC1 mRNA was up-regulated in injured motor neurons of rat lumbar spinal cord 7 days after sciatic nerve injury (arrow). (D) Emulsion autoradiography of EAAC1 mRNA in lumbar spinal cord sections. Scale bars, 250 μ m for rat and 185 μ m for mouse. cc, central canal.