## Journal of Neuroscience

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**Cover picture:** Representative horizontal sections of hippocampus after kindling of c-fos<sup>+/+</sup> (top panels) and c-fos<sup>-/-</sup> (bottom panels) mice examined with Timm histochemistry. The Timm stain is used as a marker of dentate granule neuron axonal sprouting. Magnifications of the supragranular layer (in the region of the *asterisk*, shown at *right*) demonstrate marked attenuation of kindling-induced sprouting in c-fos<sup>-/-</sup> mice (top right, open arrows) relative to c-fos in an activity-determined plasticity in the adult mouse nervous system.

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