

Wild type

Normal NMDA receptors

Ca^{2+}

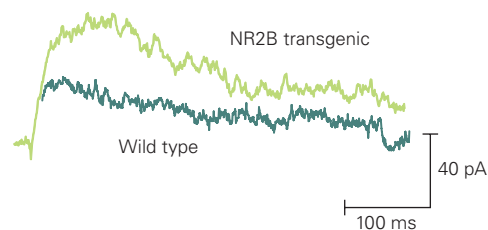
CA1

NR2B Transgenic

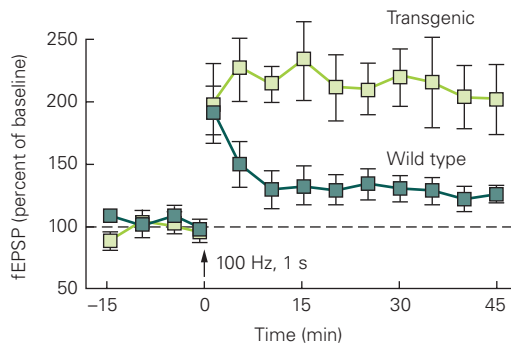
NR2B subunit overexpressed

More Ca^{2+} enters the cell

A NMDA-type receptor synaptic current



B Long-term potentiation



C Morris water maze learning

