

Supplementary

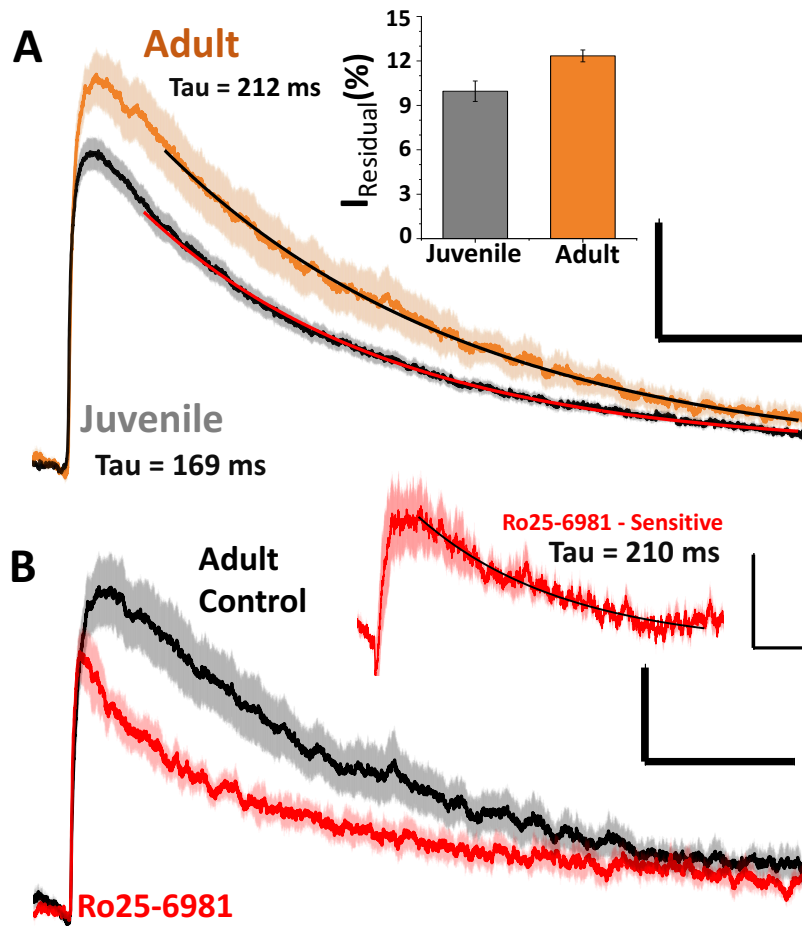


Figure S1 – Synaptic NMDAR responses in adult lamina II neurons have a slow-decaying GluN2B-like component. (A) Averaged NMDAR mEPSCs in juvenile (P7-P21) (n=60) and adult (350 g) (n=7) rat lamina II neurons (left). Average residual current after 500 ms (%) for NMDAR-mEPSCs in lamina II neurons suggest a slower component influencing NMDAR-mediated mEPSCs in adult lamina II synapses (right). (B) Averaged NMDAR mEPSCs before (black) and after (red) application of 1 μ M Ro25-6981 (n=13) in adult lamina II neurons. 1 μ M Ro25-6981-sensitive NMDAR mEPSC difference current (n=4), with a decay constant of 210 ms (inset). Axis (A, B): x = 100 ms, y = 5 pA. *p<0.05.