

Supplementary Figure S2 AAV2-Cre-GFP-mediated deletion of mTOR had no significant effects on DSI in hippocampal CA1 pyramidal neurons. The decay time constant (τ) (control, 16.2 \pm 2.2 s, n = 10; mTORf/f, 13.7 \pm 1.6 s, n = 10; t_{18} = 0.91, p > 0.05) and magnitude (control, 32.7 \pm 3.6%, n = 10; mTORf/f, 29.8 \pm 3.1%, n = 10; t_{18} = 0.62, p > 0.05) of DSI in AAV2-Cre-GFP-expressing neurons were not significantly different between control and mTORf/f groups. DSI was induced by 5 s depolarization from -60 mV to 0 mV. Sample traces of IPSCs are superimposed on the top. The solid lines are single exponential fitting curves of the decay of DSI.