

Supplementary Figure S4

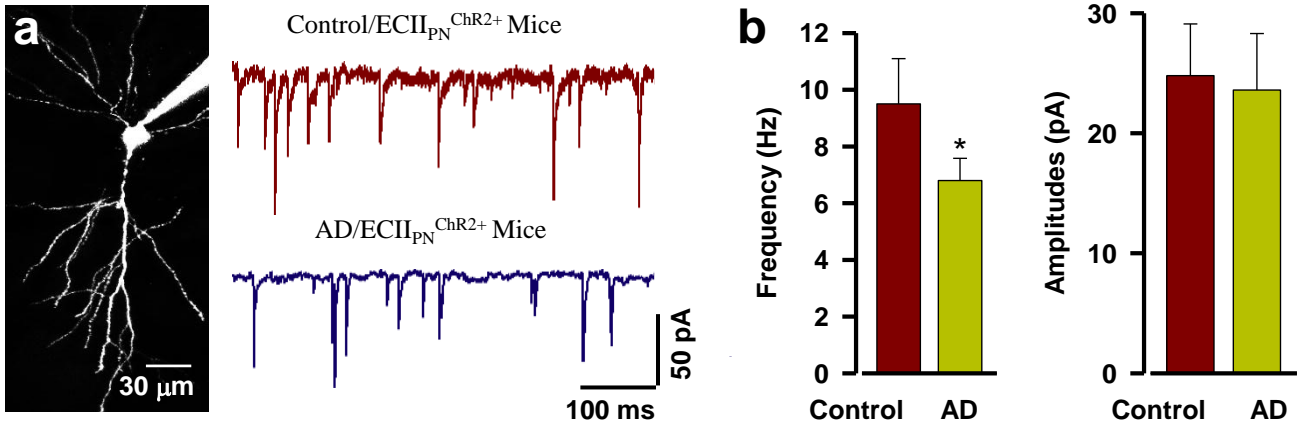


Figure S4. Reduction of inhibitory synaptic inputs onto CA1_{PN} in AD mice. A representative (a) of CA1_{PN} from AD/ECII_{PN}^{ChR2+} mice and the miniature inhibitory postsynaptic currents (IPSCs) in CA1_{PN} from control/ECII_{PN}^{ChR2+} and AD/ECII_{PN}^{ChR2+} mice at 180 days old of age. Bar graphs (b) show the averaged frequency and the mean amplitude of the miniature IPSCs. Data are mean ± SEM (n = 12 recordings/6 mice/group, **p* < 0.001, *t*-tests).