Supplemental Figure 1. Philanthotoxin antagonizes synaptic NMDARs, GluR2-lacking receptors on outside out patches from GluR2$^{-/-}$ cells, and native GluR2-lacking receptors on cerebellar Bergmann Glial cells. ***A***, Summary data for experiments in which 10 μM Phtx was applied to synaptic NMDAR EPSCs in wt CA1 cells isolated by application of 0 Mg^{2+} and the AMPAR antagonist CNQX. Right, example traces. ***B***, Representative recording showing the effects of 1 μM Phtx on the glutamate-evoked current in an outside-out patch from a CA1 cell in the R2$^{-/-}$ mouse. CTZ was co-applied to block desensitization. Right, example IV ramp of a R2$^{-/-}$ outside out patch in 10 mM glutamate, 100 μM cyclothiazide. ***C***, Summary data for experiments in which 10 μM Phtx was applied to climbing fiber EPSCs in Bergmann glial cells. Right, example traces. Error bars represent s.e.m. ***D***, Example traces from two cells (two pathways each) of AMPAR EPSCs recorded before (gray) and after (black) sampling the EPSC at +40 mV in the absence of APV. Sampling was 10 pulses at 0.2 Hz.