

Supplemental Figure 1. Mean current-voltage plots of glutamate-evoked currents mediated by wild-type and chimeric NMDARs in the presence of Mg^{2+} ions or memantine. A, mean current-voltage plots (from -80 mV to +10 mV) for glutamate-evoked NR1/NR2A NMDAR-mediated currents recorded in the absence (filled squares; n = 10) or presence of Mg^{2+} (1 mM, open circles; n = 10) or memantine (10 μ M, open triangles; n = 6). B, as A, but for glutamate-evoked NR1/NR2D NMDAR-mediated currents (n = 3, 7 and 4, for 'control', Mg^{2+} and memantine, respectively). C, as A, but for glutamate-evoked NR1/NR2A(2D-S1S2) NMDAR-mediated currents (n = 12, 12 and 6, for 'control', Mg^{2+} and memantine, respectively). E, as E, but for glutamate-evoked NR1/NR2A(2D-S1M1M2M3S2) NMDAR-mediated currents (E = 7, 7 and 5, for 'control', E and memantine, respectively).