Supplemental S6.

Animal handling and kindling.

Adult male Sprague-Dawley rats (250 - 350 gm, Harlan, Madison, WI) were anesthetized with ketamine (80 mg/kg IP) and xylazine (10 mg/kg IM), and were stereotaxically implanted for chronic recording and stimulation with a bipolar electrode in the perforant path (8.1 mm posterior, 4.4 mm lateral, 3.5 ventral with respect to bregma). One week later, the unrestrained awake implanted rats received twice-daily kindling stimulation (5 days per week) with a one-second train of 62-Hz biphasic constant current 1.0-ms square wave pulses delivered at the lowest intensity that evoked afterdischarge (AD), and behavioral seizures were classified as Class I (behavioral arrest) to Class V seizures (bilateral tonic-clonic motor activity with loss of postural tone). After the 3rd evoked AD, rats were randomly assigned to treatment with 2-DG (250 mg/kg) or saline administered IP at 30 minutes prior to each kindling stimulation.