Supplementary Figure 1. Pilocarpine treatments reduces miR-219 level and increases CaMKIIγ and NR1 levels. ICR mice were intraperitoneally injected with pilocarpine (10mg/kg). Twenty-four hours later, (a) mice were analyzed for EEG and representative images were shown. (b) The amplitude and (c) spike frequency of seizure EEG were quantified for comparison. (d) Mice were sacrificed and hippocampal and cortical tissues were analyzed for miR-219 levels by qRT-PCR. (e) Hippocampal tissue lysates were analyzed for CaMKII and NR1 protein levels by Western blotting. Protein levels were quantified by densitometry for comparison. N=6, ns: not significant; *: p< 0.05; **: p< 0.01.