



**Figure 1.** Induction of a novel form of synaptic plasticity requires *CaMKII* and *CaMKK*. **A**, Schematic of a synapse. **B**, Normalized fluorescence intensity of a synapse over time. **C**, Normalized fluorescence intensity of a synapse over time. **D**, Normalized fluorescence intensity of a synapse over time. **E**, Normalized fluorescence intensity of a synapse over time. **F**, Normalized fluorescence intensity of a synapse over time. **G**, Normalized fluorescence intensity of a synapse over time. **H**, Normalized fluorescence intensity of a synapse over time. **I**, Normalized fluorescence intensity of a synapse over time. **J**, Normalized fluorescence intensity of a synapse over time. **K**, Normalized fluorescence intensity of a synapse over time. **L**, Normalized fluorescence intensity of a synapse over time. **M**, Normalized fluorescence intensity of a synapse over time. **N**, Normalized fluorescence intensity of a synapse over time. **O**, Normalized fluorescence intensity of a synapse over time. **P**, Normalized fluorescence intensity of a synapse over time. **Q**, Normalized fluorescence intensity of a synapse over time. **R**, Normalized fluorescence intensity of a synapse over time. **S**, Normalized fluorescence intensity of a synapse over time. **T**, Normalized fluorescence intensity of a synapse over time. **U**, Normalized fluorescence intensity of a synapse over time. **V**, Normalized fluorescence intensity of a synapse over time. **W**, Normalized fluorescence intensity of a synapse over time. **X**, Normalized fluorescence intensity of a synapse over time. **Y**, Normalized fluorescence intensity of a synapse over time. **Z**, Normalized fluorescence intensity of a synapse over time.