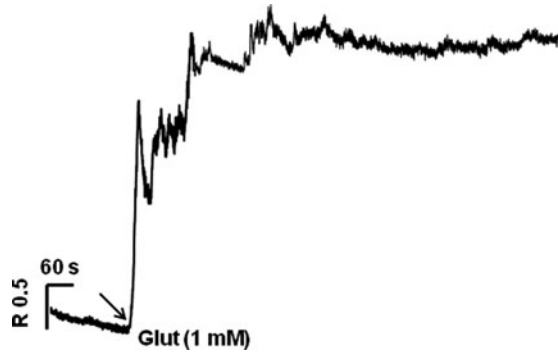


Supplementary Data



SUPPLEMENTARY FIG. S1. Effect of glutamate at 1 mM in P7 neural precursors (NPs). A representative trace showing $[Ca^{2+}]_i$ response induced by 1 mM glutamate applied for 10 s. The $[Ca^{2+}]_i$ levels in the cytosol were very high and did not return to resting level even after several minutes of washing out glutamate suggesting the loss of Ca^{2+} signal/homeostasis. A similar phenomenon was observed in all cells tested in different cultures of P7 NPs.