

**Figure S1.** Schematic representation of the neuronal differentiation. ESCs/iPSCs were cultured for 5 days in suspension with and without neuro-inductive soluble factors (CKI-7 and SB-431542). Neurospheres were transferred at day 6 in tissue culture plates pre-coated with extracellular matrix (ECM) proteins and cultured for additional two weeks. Abbreviation: N-cad, N-cad-Fc; PLL, poly-L-lysine; GF, growth factor; bFGF, basic fibroblast growth factor.