

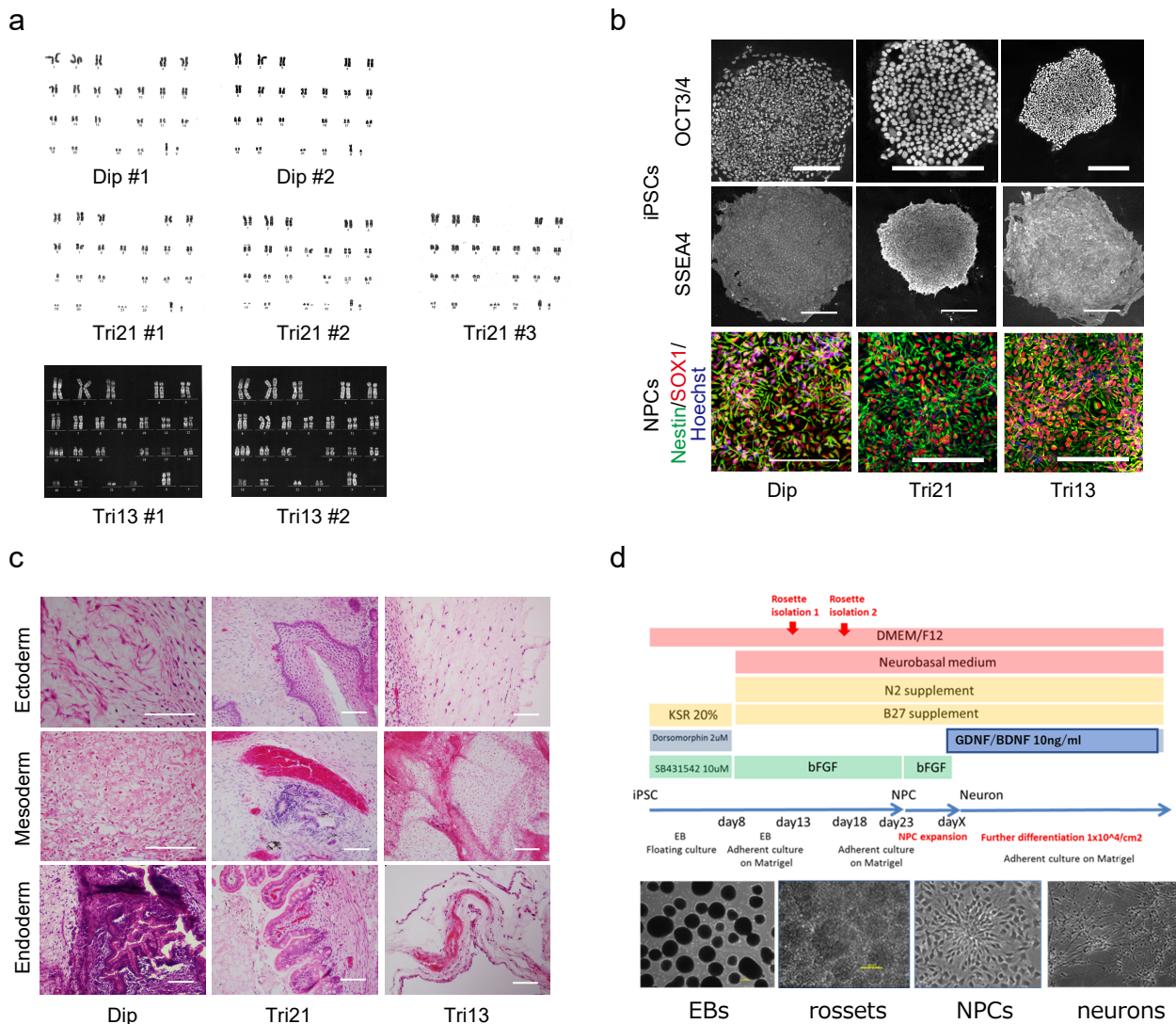


Figure S1

- (a) Karyotype analysis of each iPSCs lines.
- (b) Immunocytochemistry of each iPSCs using pluripotent markers OCT3/4 and SSEA4, and each NPCs using NPC markers SOX1 and Nestin. Scale bars = 200 μm.
- (c) Representative images of a teratoma generated from respective iPSCs line. Scale bars = 200 μm.
- (d) Schematic diagram showing the differentiation protocol of NPCs and cortical neurons.