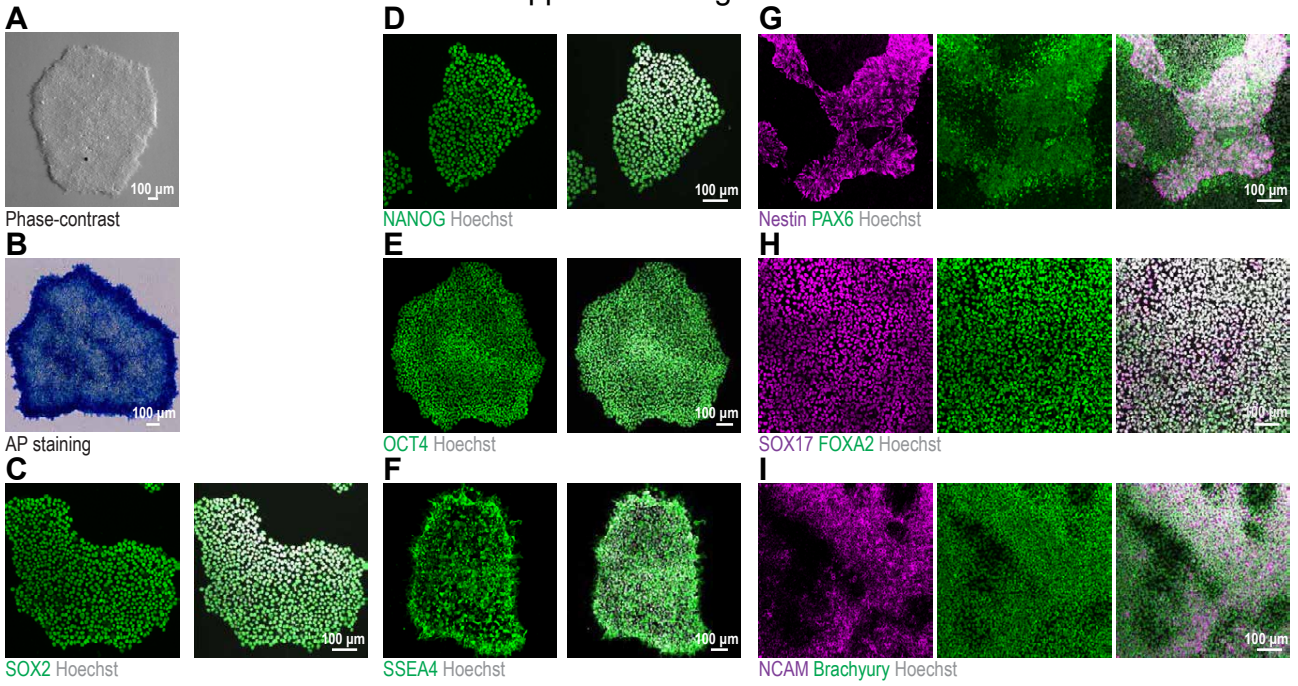


Characterization of F49B7 iPSCs. (A) Brightfield image of F49B7 iPSC colony. (B) Brightfield image of iPSC colony. Alkaline phosphatase stain (AP; pluripotency marker). (C – F) Confocal images of iPSCs. Green, antibody for pluripotency markers; white, Hoechst (nucleus marker). (C) SOX2, (D) NANOG, (E) OCT4 and (F) SSEA4. (G – I) Confocal images of iPSCs directly differentiated into the three germ layers. White, Hoechst. (G) Ectoderm; magenta, Nestin; green, PAX6 (ectoderm markers). (H) Endoderm; magenta, SOX17; green, FOXA2 (endoderm markers). (I) Mesoderm; magenta, NCAM; green, Brachyury (mesoderm markers). (J) G-banded karyotyping of F49B7 iPSCs.

Supplemental Figure 1



J

