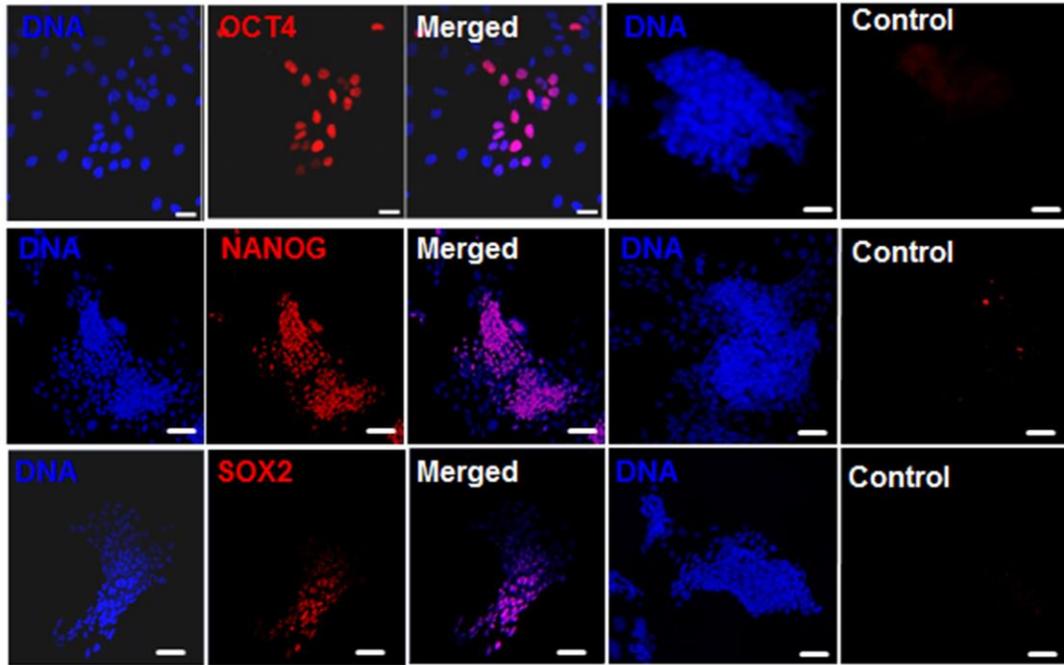


1

2 **Figure S1. Characterization of 3 types of cultured zebra fish fibroblasts**

3 (A) Culture of zebrafish fibroblasts from the midblastula embryos (zMEF),
 4 segmentation embryos (zSEF), and caudal fin tissue (zFF). zMEF at passage 5 showed
 5 AP staining positive. (B) RT-PCR analysis of ES cell-marker genes expression in the
 6 zMEF, not in the zSEF and zFF. Scale bars represent 200µm.

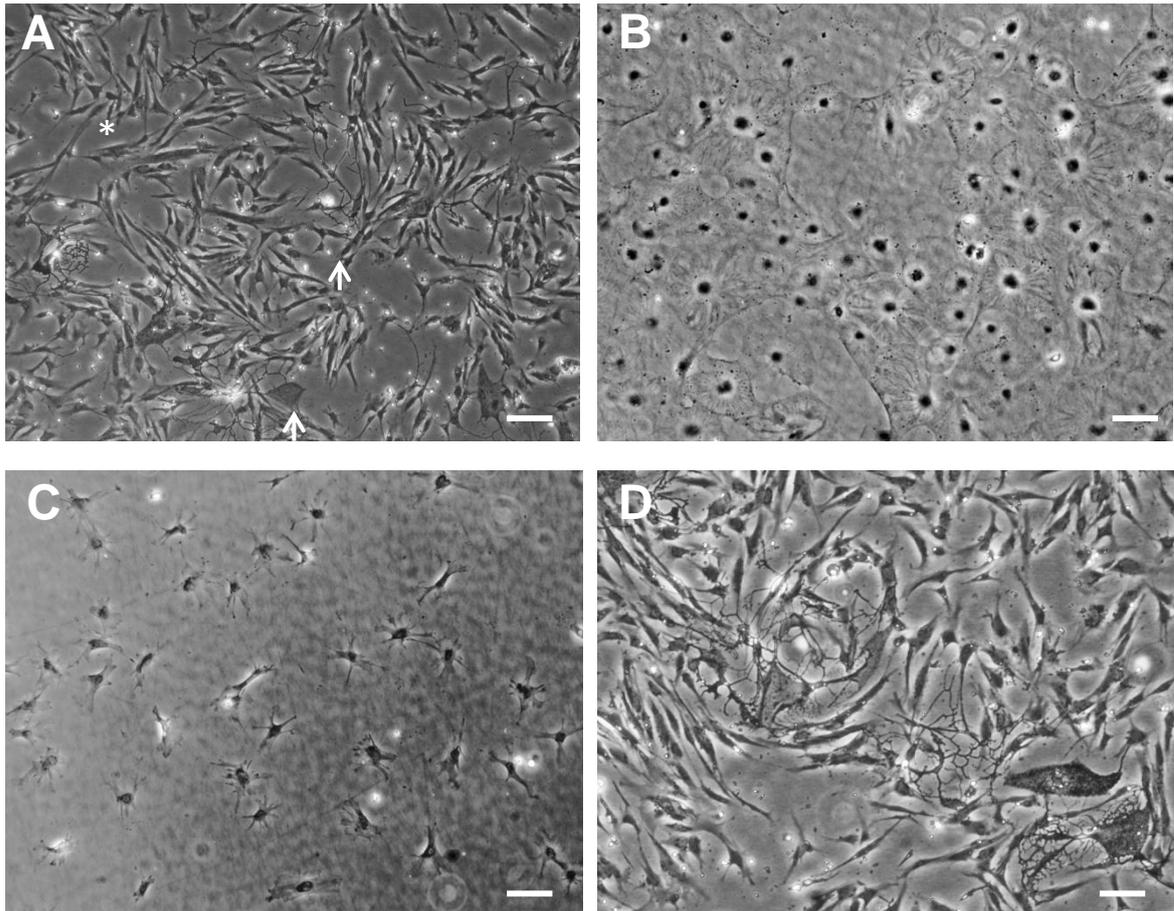


7

8 **Figure S2.** Immunofluorescence staining of 7- day post-transduction cells (derived

9 from the zFFs) for pluripotency markers Oct4, Nanog, and Sox2. Scale bars represent

10 50 μm).



11

12 **Figure S3. Differentiated cell types from embryoid bodies.** (A) Differentiated
13 (arrow) and undifferentiated (asterisk) cells. (B) Flat cells. (C) Star-shaped cells. (D)
14 Neuron-like cells. Scale bar represents 200 μm .

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