



Supplementary Figure 2 Characteristics of undifferentiated miPSCs. A, Undifferentiated iPS-3F (a, c, e, g, i) and iPS-4F (b, d, f, h, j). a-d, morphology of undifferentiated colonies of iPSC lines iPS-3F and iPS-4F. e-j, iPSCs colonies were positive for pluripotent markers including alkaline phosphatase (e, f), Oct4 (g, h) and SSEA1 (i, j). B, Percentage of SSEA1⁺ cells in both iPSC lines (n=3). C, RT-PCR analysis of the expression of pluripotency markers in both iPS-3F and iPS-4F, and exogenous genes were completely silenced. 'endo', endogenous gene expression; 'exo', exogenous gene expression. Scale Bars = 100 μ m. Nuclei were counterstained with Hoechst33258 (blue).