



Supplementary information, Figure S3 Differentiation of *Lmnb1*^{-/-};*Lmnb2*^{-/-};

Lmna^{tm1/tm2} ESCs into fibroblasts.

(A) Bright field image of fibroblasts derived from wild-type or TKO ESCs. Scale bars, 20 μ m. (B) Western blotting analyses of lamin-A/C during differentiation into fibroblasts. Number of days post LIF withdrawal is indicated at the top of the panel. GAPDH was used as a loading control. TKO, DKO and WT represent *Lmnb1*^{-/-};*Lmnb2*^{-/-}; *Lmna*^{tm1/tm2}, *Lmnb1*^{-/-};*Lmnb2*^{-/-}; *Lmna*^{+/+}, and *Lmnb1*^{+/+};*Lmnb2*^{+/+}; *Lmna*^{+/+} cells, respectively. (C) Immunofluorescence staining of fibroblasts with antibodies to lamins. LA/C, lamin-A/C; LB1, lamin-B1; LB2, lamin-B2. Scale bar, 10 μ m.