

Description of Additional Supplementary Files

Supplementary Movie 1: Spontaneous contraction in myotubes derived from wild type mouse myoblast (WM) cells in vitro.

Supplementary Movie 2: Spontaneous contraction in myotubes derived from LAKI mouse myoblast (LM) cells in vitro.

Supplementary Movie 3: Spontaneous contraction in myotubes derived from LAKI-NANOG mouse myoblast (LMN) cells in vitro.

Supplementary Movie 4: Spontaneous contraction in myotubes derived from LAKI mouse myoblast with shMat2a (LM+shMat2a) cells in vitro.