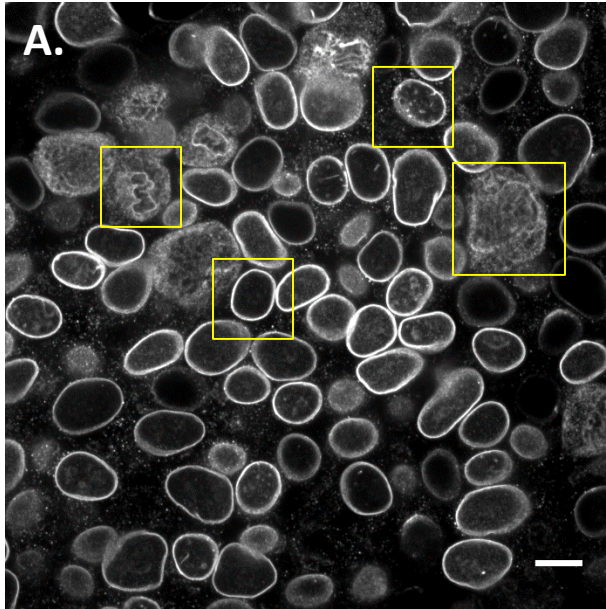


AICS000

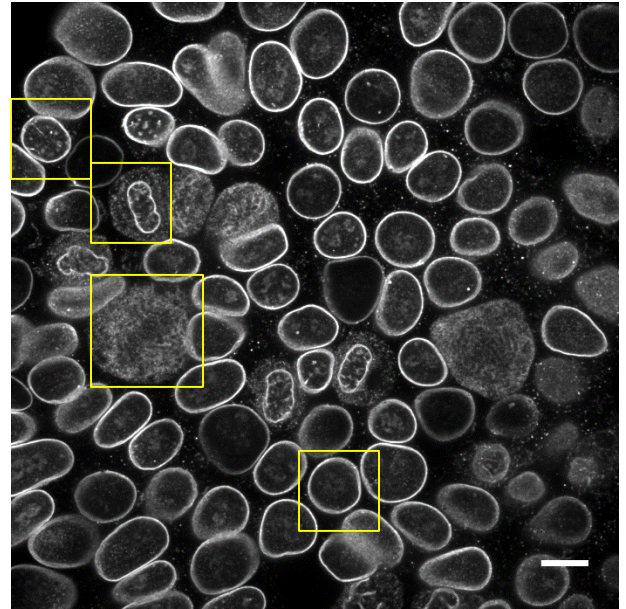
AICS0011

LaminB1 mEGFP

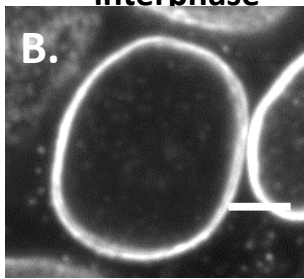
Clone 210



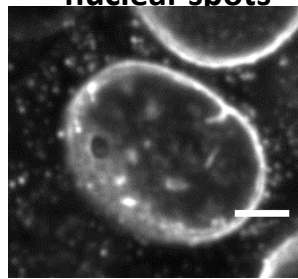
interphase



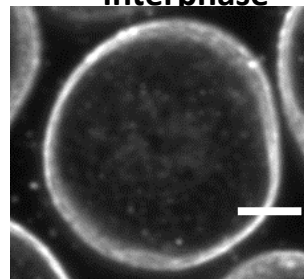
interphase



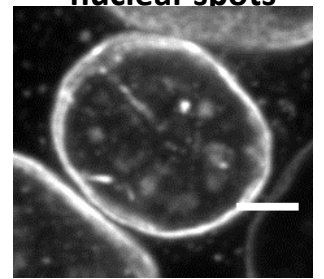
breakdown



reassembly



breakdown



reassembly

Immunofluorescence labeling of Lamin B1 in control hiPS cells (unedited AICS000 cells, WTC line) and edited LaminB1-mEGFP cells (AICS0013 clone 210, WTC line). Cells were plated on glass coated with a 1:30 Matrigel to DMEM F12 dilution. Cells were fixed and permeabilized after four days of growth with 4% Paraformaldehyde and 0.5% Triton X 100 for 10min, and labeled with anti-Lamin B1 antibody (ab16048, Abcam) diluted 1:500, followed by a 1:500 dilution of anti-rabbit AlexaFluor647 (A-21245 ThermoFisher Scientific). Images represent maximum intensity projections of 3 z-sections near the top of the colony acquired on a spinning disk confocal microscope. A. Scale bar, 10 μ m B. Scale bar, 3 μ m. Image system details: 3i system with a CSU-W1 Yokogawa spinning disk head equipped with a Hamamatsu Orca Flash 4.0 camera and a 100x/1.46 NA Zeiss alpha-plan APOCHROMAT oil objective.