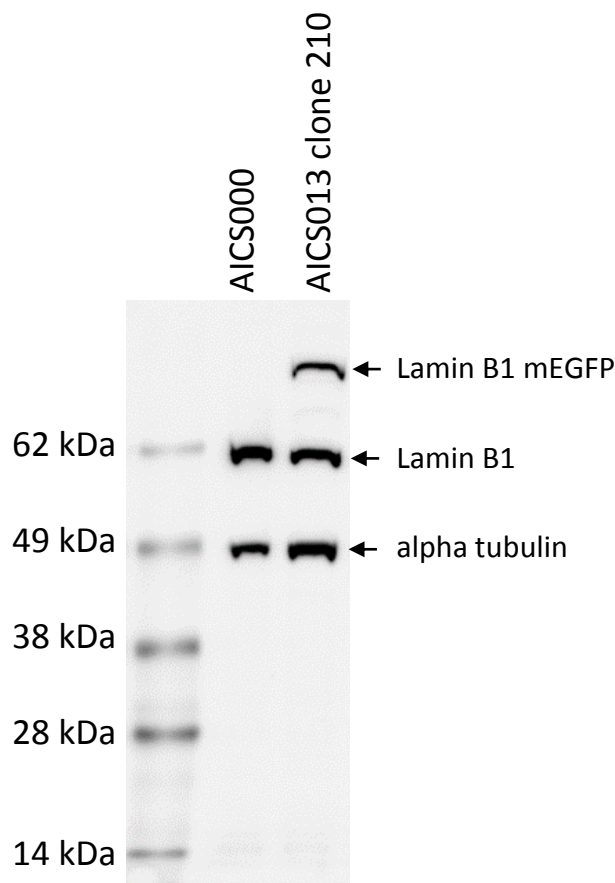
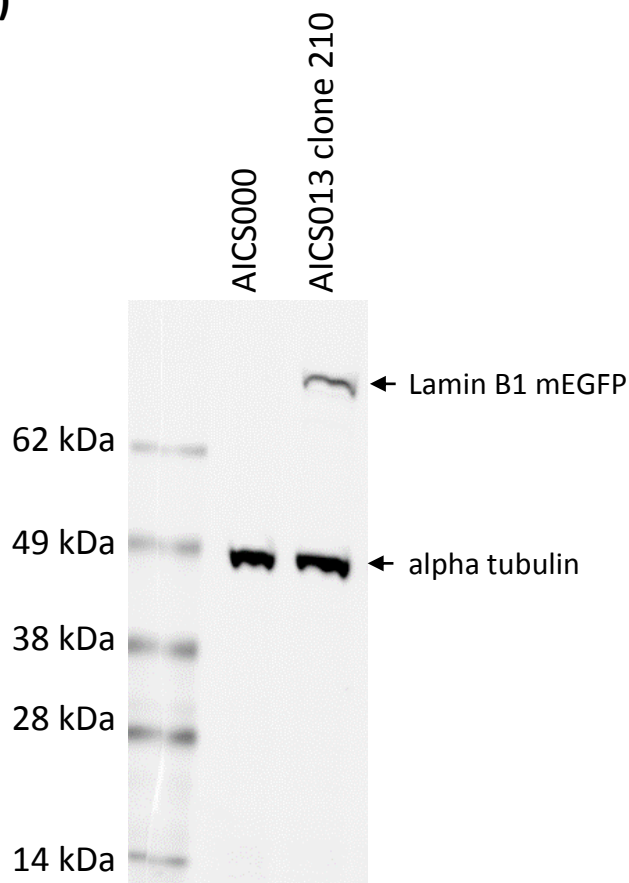


**(A)****(B)**

Whole cells lysate was extracted from AICS000 and AICS013 cells using urea sample buffer. 10  $\mu$ g whole lysate was separated on 4-12% Bolt Bis-Tris Plus gels and transferred onto 0.45  $\mu$ m nitrocellulose membranes. Untagged and GFP-tagged Lamin B1 was detected using (A) rabbit polyclonal anti-Lamin B1 antibody (abcam #ab16048; 1:2,000 in PBS-T with 5% milk, overnight at 4°C) and (B) mouse monoclonal anti-GFP antibody (Sigma-Aldrich #11814460001; 1:250 in PBS-T with 5% milk, overnight at 4°C). Alpha tubulin was used as loading control (mouse monoclonal anti-alpha tubulin; ThermoFisher #62204; 1:10,000 in PBS-T with 5% milk in PBS-T, overnight at 4°C). A goat polyclonal anti-mouse Alexa 647-conjugated secondary antibody and a goat polyclonal anti-rabbit Alexa 647-conjugated antibody were used (1:10,000 in in PBS-T with 5% milk, 2 hrs at room temperature). Blots were imaged at different exposure times using the ChemiDoc MP system (BioRad). Appropriate exposure times were used for semi-quantification of protein levels. Multiple clones of AICS013 were analyzed on the same blot and the blot was cropped to only show the final clone of AICS013.

	AICS000	AICS013 clone 210
relative levels of total Lamin B1	1.00	0.80
relative levels of mEGFP-tagged Lamin B1 in AICS013 clone 210	N/A	0.33