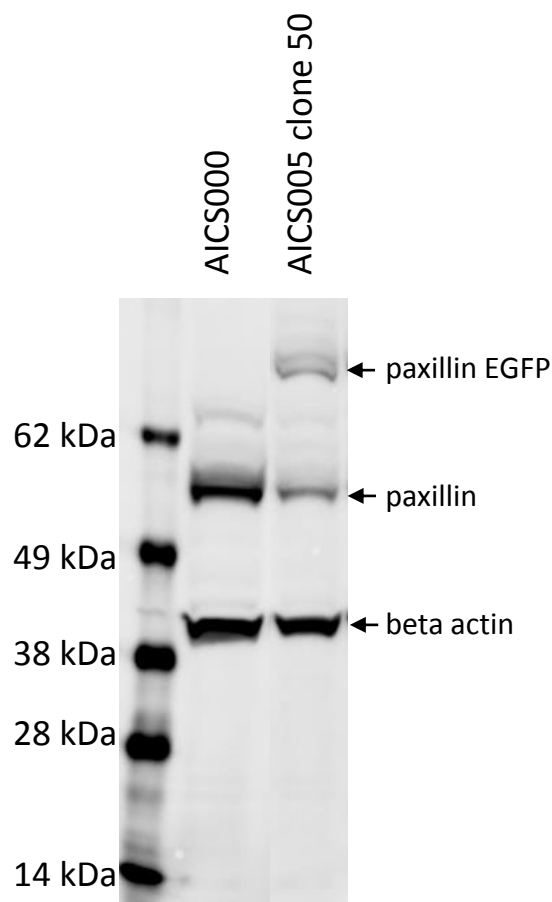
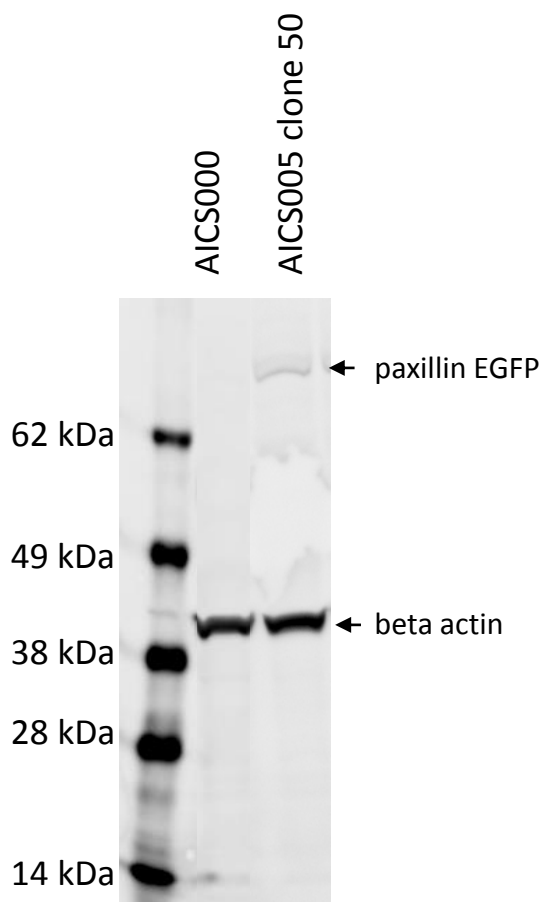


**(A)****(B)**

Whole cells lysate was extracted from AICS000 and AICS005 cells using M-PER buffer supplemented with protease inhibitors and nuclease. 20  $\mu$ 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 paxillin was detected using (A) mouse monoclonal anti-paxillin antibody (BD Biosciences #610051; 1:10,000 in PBS-T with 5% milk, 2.5 hrs at room temperature) and (B) mouse monoclonal anti-GFP antibody (Sigma-Aldrich #11814460001; 1:250 in PBS-T with 5% milk, 2.5 hrs at room temperature). Beta actin was used as loading control (mouse monoclonal anti-beta actin; ThermoFisher, #MA5-15739; 1:10,000 in PBS-T with 5% milk, 2hrs at room temperature). A goat polyclonal anti-mouse Alexa 647-conjugated secondary antibody was 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 AICS005 were analyzed on the same blot and the blot was cropped to only show the final clone of AICS005.

	AICS000	AICS005 clone 50
relative levels of total paxillin	1.00	1.38
relative levels of EGFP-tagged paxillin in AICS005 clone 50	N/A	0.49