



Supplementary Figure 6. FER downregulation inhibits cell cycle progression.

MDA-MB-231 inducible knock-down (iKD) cells were cultured for 96 h in the absence (-) or presence (+) of doxycycline (dox; 2 µg/ml) to induce shRNA expression. Cells were collected and fixed in 70% ethanol for 1 h on ice, followed by centrifugation (3000 g, 5 min, room temperature). Pellets were rinsed once with PBS, resuspended in PBS containing 30 µg/ml RNaseA and incubated for 30 min at 37°C. DNA was labelled with ToPro-3 (1:20 000; Invitrogen) and samples were analysed on a FACSCalibur flow cytometer (Becton Dickinson). Cell cycle analysis was performed using FCS Express 4 Flow Cytometry software (De Novo Software).

(A) FACS histograms of iKD cells (+ dox). (B) Quantification of cell cycle distribution of iKD cells. Values represent the relative number of cells ± SEM. * p<0.05 Two-tailed Student's t test.