

**Figure S1.** Regulation of key lipogenic proteins by glucose in MCF7 and T47D breast cancer cells. (**A**–**D**) MCF7 and (**E**–**H**) T47D were cultured in normal and high glucose in serum-free media for 48 h. Lysates were analysed by western blotting and representative immunoblots of FASN, AMPK and BRCA1 are shown. Graphs represent densitometry analysis of (**B**,**F**) FASN normalized to GAPDH, (**C**,**G**) p-AMPK (Thr172) normalized to total AMPK and (**D**,**H**) BRCA1 normalized to GAPDH. All results shown are representative of three independent experiments and the graphs represent mean ± SEM. Independent samples *t*-test was used to compare means of 2 groups.