



Supplementary Figure S3. Knockdown of neither IGF-IR nor InsR changed cell cycle profiles or induced cell death.

Knockdown experiments with siRNAs that target IGF-IR or InsR in MDA-MB-468, MDA-MB-231, SUM149 cells.

A, Expression analyses of IGF-IR and InsR in MDA-MB-468, MDA-MB-231, SUM149 cells by Western blotting. β -actin, loading control.

B, Knock down efficiencies of siRNAs to IGF-IR or InsR were confirmed by Western blotting. In SUM149, only IGF-IR knockdown was performed in **(B)**, **(C)** because SUM149 did not express InsR as shown in **(A)**.

C, Representative histograms depict cell cycle profiles of MDA-MB-468, MDA-MB-231, and SUM149 cells treated with siRNAs to IGF-IR or InsR for 48 or 72 hours (**black lines**). The cell cycle profiles treated with control siRNA are overlapped with the paired sample histogram (**gray lines**).