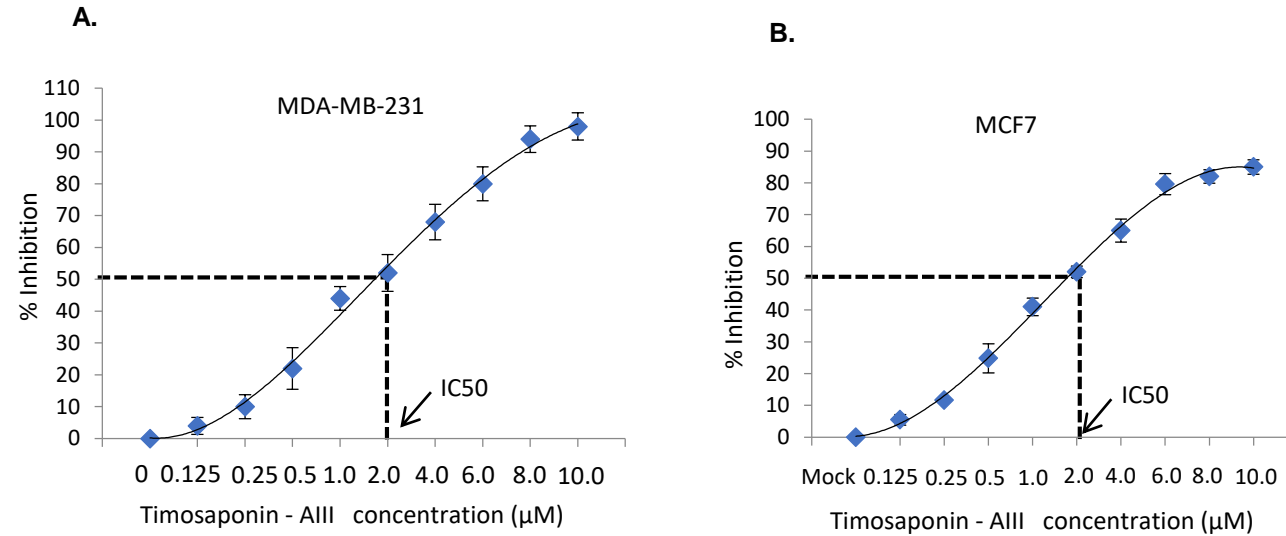
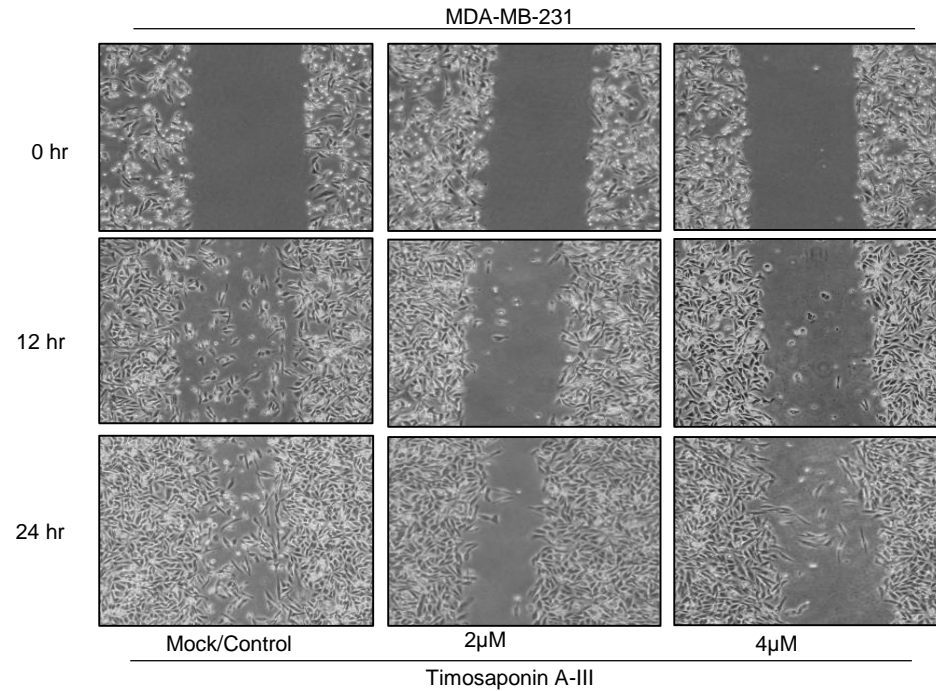


Supplementary Figure 1



Dose response curves for determination of IC₅₀ MDA-MB-231 (A) and MCF7 cells (B) were treated with increasing doses of Timosaponin A-III for 48 hr and cell viability assessed using MTT assay to determine the IC₅₀. The results show IC₅₀ of 2 μM for both the cell lines. Three independent experiments were performed to calculate the IC₅₀. Experiments were performed in triplicates. *Error bars represent ±S.D. *, p < 0.05*

Supplementary Figure 2



Determination of the migratory ability of MDA-MB-231 cells treated with TA-III by wound healing assay MDA-MB-231 cells were grown to near confluence and wounds (scratch) were made with a pipette tip and imaged at 0, 12 and 24 hr to observe the wound healing ability of cells treated with 2 μ M and 4 μ M Timosaponin A-III compared to the mock/control cells. While the wound closed by 24 hr in mock/control cells, the cells treated with TA-III either lagged behind or were unable to close the wound.