



Figure S12. mir93 promotes tumor growth by increasing CSCs in MDA-MB-453 cells

A. 200k pTRIPZ-MDA-MB-453-mir93 cells were injected into the 4th fatpads of NOD/SCID mice. Treatment was initiated as indicated by the red arrow. DOX (1mg/ml in drinking water) promoted MDA-MB-453 tumor growth in vivo. **B.** Tumors from each group were collected. Aldefluor assay was performed on dissociated cells. DOX increased the ALDH⁺ populations in MDA-MB-453. **C.** Serial dilutions of cells obtained from these xenografts were implanted in the 4th fatpads of secondary mice, which received no further treatment. Cells from DOX-treated tumors formed secondary tumors at all dilutions (1k, 10k, 32k), whereas only higher numbers of cells (32k) obtained from control xenografts were able to generate tumors. *p<0.05; Error bars represent mean ± STDEV.