

Supplementary Figures:

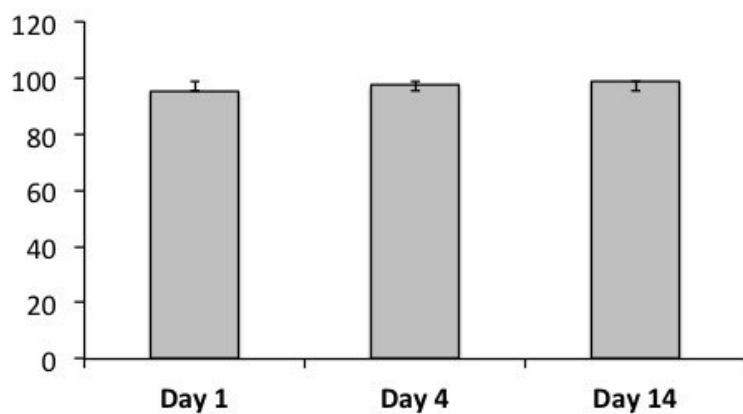


Fig S1: Viability of MCF-7S spheroids in Microfluidic chip over a 14 day time period
The 3D spheroids were housed in the microfluidic device for 14 days with continuous media perfusion and the cell viability was checked at Day1, 4 and 14 using live/dead assay.

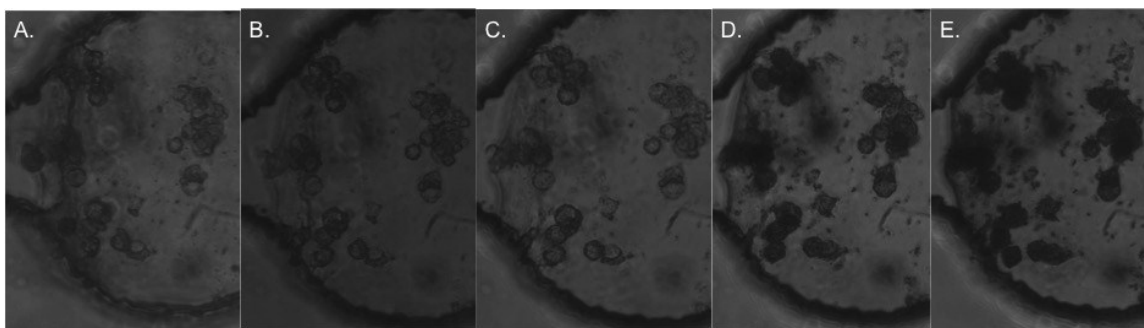


Fig S2: Time-lapse images visualizing proliferation of MCF-7S cells in spheroids over a 14 day period. (A) Day1. (B) Day 4. (C) Day 7. (D) Day 10. (E) Day 14.