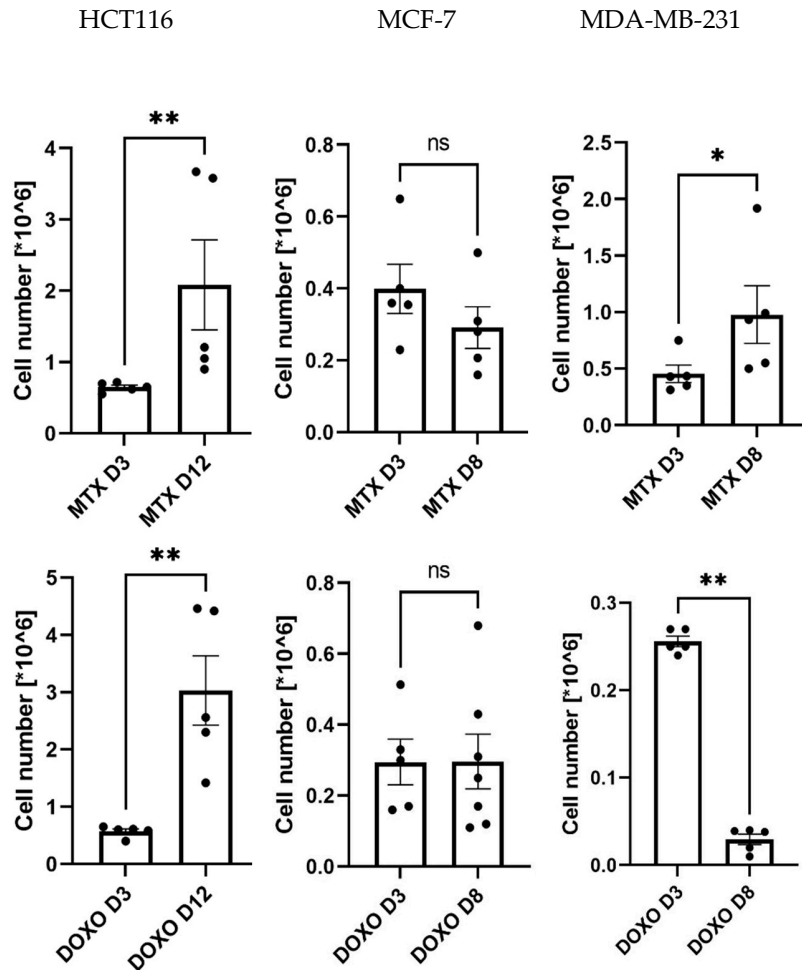


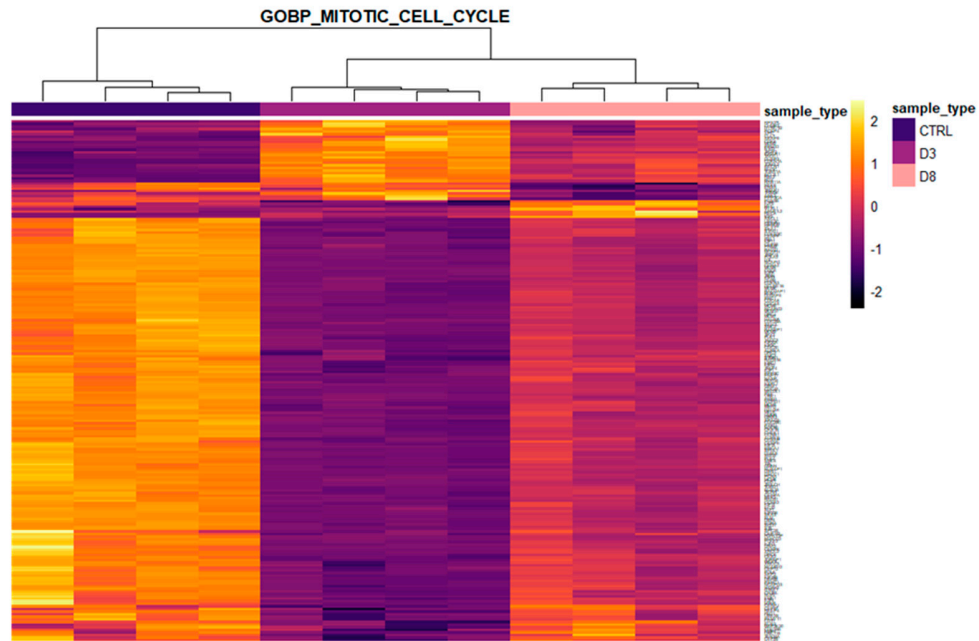
Supplementary Materials:

(a)

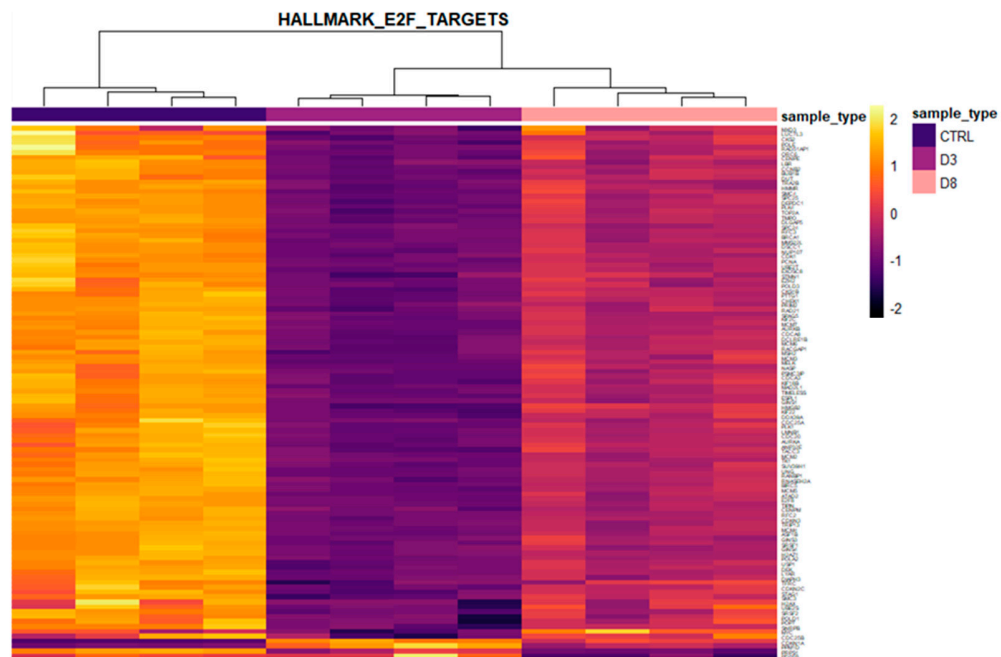


Suppl. Figure S1. Proliferation of various cancer cells is temporarily arrested after different chemotherapeutics (a) HCT116 colon cancer cells, MCF-7 and MDA-MB_231 breast cancer cells counted on day 3 and day 8 or 12 after 24 hour treatment with the indicated drug. Bars represent mean of at least 3 independent experiments, error bars: SEM. Statistical significance: 0.01 < P < 0.05, * 0.05 < P < 0.001, ***P < 0.001.

(a)



(b)



Suppl. Figure S2. Rescue of proliferation related genes during Escape from Senescence (a) Heatmap representing GOBP Mitotic Cell Cycle prepared on Differentially Expressed genes from the geneset. (b) Heatmap representing HALLMARK E2F Targets prepared on Differentially Expressed genes from the geneset.