



Supplemental Figure S2 ALDH expression and activity. The mRNA levels of ALDH1A1 were measured with semi-quantitative RT-PCR and represented as the ratio to levels in SK-HEP-1 cells (A). $**P < 0.05$ with the Mann-Whitney *U*-test. The ALDEFLUOR kit (StemCell Technologies, Durham, NC) was used to analyze the ALDH enzymatic activity in a population of cells. B and C, SK-HEP-1 and SK-sphere cells were suspended in ALDEFLUOR assay buffer containing ALDH substrate and incubated for 40 min at 37 °C. D and E, as a negative control, an aliquot of SK-HEP-1 and SK-sphere cells was treated with 50 mM diethylaminobenzaldehyde (DEAB), a specific ALDH inhibitor.