



Figure 2—figure supplement 1.

mRNA expression analysis of the shRNA screen hits in tumor-derived cell lines and FACS sorted cells based on surface expression of CD44 and CD24.

A. mRNA expression analysis (SYBR-green-based RT-qPCR) of BRCA1, ORC5L, RFC3, RPA2, POLS and ERCC8 in tumor derived cell lines. The data represents mean \pm SD of 3 replicates from 2 independent experiments.

B. mRNA expression analysis (SYBR-green-based RT-qPCR) of BRCA1, ORC5L, RFC3, RPA2, POLS and ERCC8 in H1650 and A549 FACS sorted cells based on surface expression of CD44 and CD24. Each bar represents mean \pm SD of 3 replicates from 2 independent experiments and represents mRNA expression of the indicated gene normalized to GAPDH expression of each cell line.

p-value ** < 0.005, unpaired t-test; ns= non-significant.