

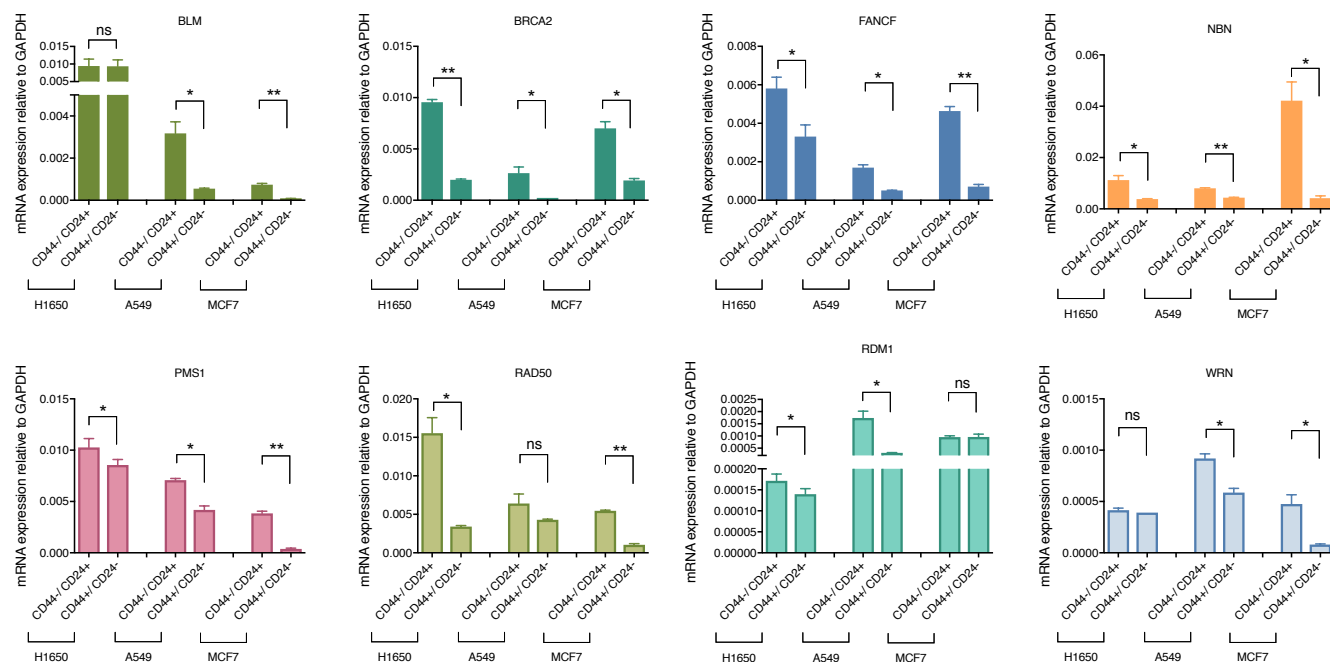
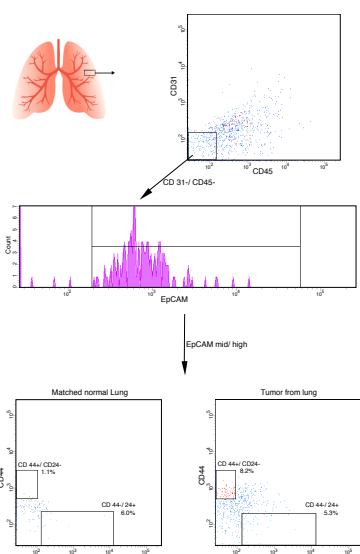
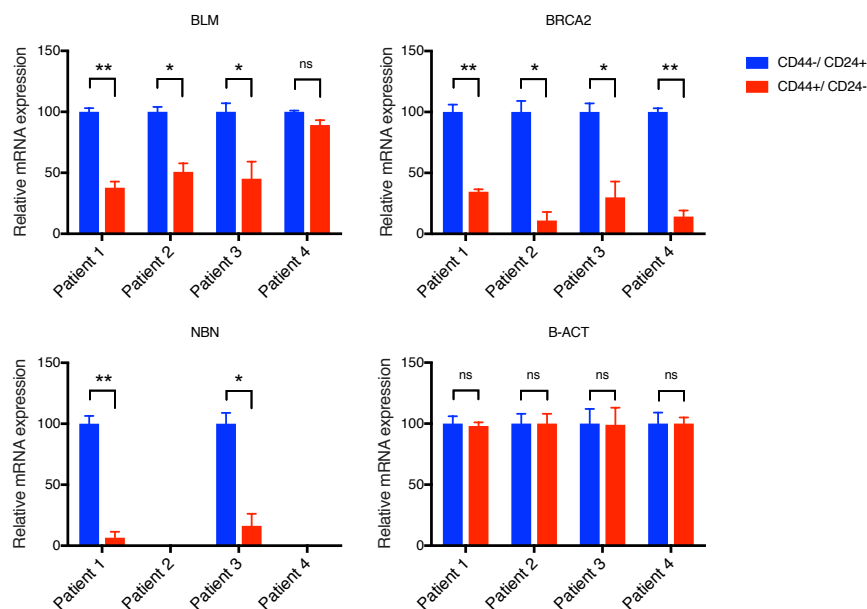
A**B****C**

Figure 2—figure supplement 3.

mRNA expression analysis of HDR genes in CD44-/CD24+ and CD44+/CD24- cells FACS sorted from cells lines and patient tumors.

A. Comparative expression of the indicated HDR genes in FACS sorted CD44+/CD24- cells relative to CD44-/CD24+ cells from H1650, A549 and MCF7. mRNA expression was quantified by RT-qPCR. Each bar is the mean \pm SD of 3 replicates from 2 different experiments and represents mRNA expression of the indicated gene. p-value * <0.05 , ** <0.005 , unpaired t-test.

B. Schematic of cell sorting from tumors. Tumor derived single cell suspension was stained with antibodies against CD45, CD31, EpCAM, CD44, and CD24. CD45-, CD31-, EpCAM+ cells were then FACS sorted according to the immune-types CD44+/CD24- and CD44-/CD24+.

C. Expression of BLM, BRCA2, NBN and B-ACT genes in FACS sorted CD44-/CD24+ and CD44+/CD24- cells from four NSCL tumor. B-ACT was used as a housekeeping control gene. Each bar represents mean \pm SD of 3 replicates. p-value * <0.05 , *** <0.0005 , unpaired t-test.