



Figure 3—figure supplement 2.

Active TGF-beta signaling control the expression of multiple HDR genes.

A. TGF-beta signature target genes measured by SYBR-green-based RT-qPCR in H1650 and A549 upon treating the cells with TGF-beta for 9hrs. mRNA expression was quantified by RT-qPCR. Each bar represents mean \pm SD of 3 replicates from 3 independent experiments and represents mRNA expression of the indicated gene. p-value <0.05 , <0.005 <0.0005 , paired t-test.

B. mRNA expression analysis of indicated HDR genes in TGF-beta treated cells relative to vehicle control in the indicated cell lines. mRNA expression was quantified by SYBR-green-based RT-qPCR. Each bar represents mean \pm SD of 3 replicates from 2 independent experiments (n=6), normalized to respective GAPDH mRNA expression. Cells were treated for 9 hours with TGF-beta (1ng/ml each of TGF-beta1 and TGF-beta2).

p-value <0.05 , <0.005 <0.0005 , paired t-test.