



Figure 3—figure supplement 3.

TGF-beta signaling control the expression of multiple HDR genes at protein level.

A. Western blot analysis of expression of BRCA2, BLM and RAD50 upon vehicle or TGF-beta treatment (9hr, 1day, 2day, 3day, 4day) in H1650 cells. Phospho-Smad2 and E-cadherin are used as marker of active TGF-beta signaling and MET, respectively. Alpha-Tubulin is used as a loading control.

B. The charts depict quantification of relative amount of BRCA2, BLM and RAD50. Levels of intensity of each band were quantified using imajeJ32 software, represented as a ratio of the protein of interest to alpha-Tubulin, and normalized to levels detected in respective TGF-beta untreated (-TGF-beta) samples. The data represents mean \pm SD from 2 independent experiments. p-value * <0.005 , *** <0.001 , unpaired t-test with Welch's correction.