

	MDA468		TMD231	
	shControl	shMdm2	shControl	shMdm2
G0/G1	51.7	57.6	55.2	61.3
S	11.2	10.9	16.7	13.7
G2/M	34.0	30.3	14.5	21.5

Table S1 Knock-down of Mdm2 does not affect cell cycle.

Cell cycle analysis of MDA468 and TMD-231 cells that were serum starved for 24 h. followed by replacement of media with Complete DMEM (MDA468) or addition of 1% serum for 8 hours.

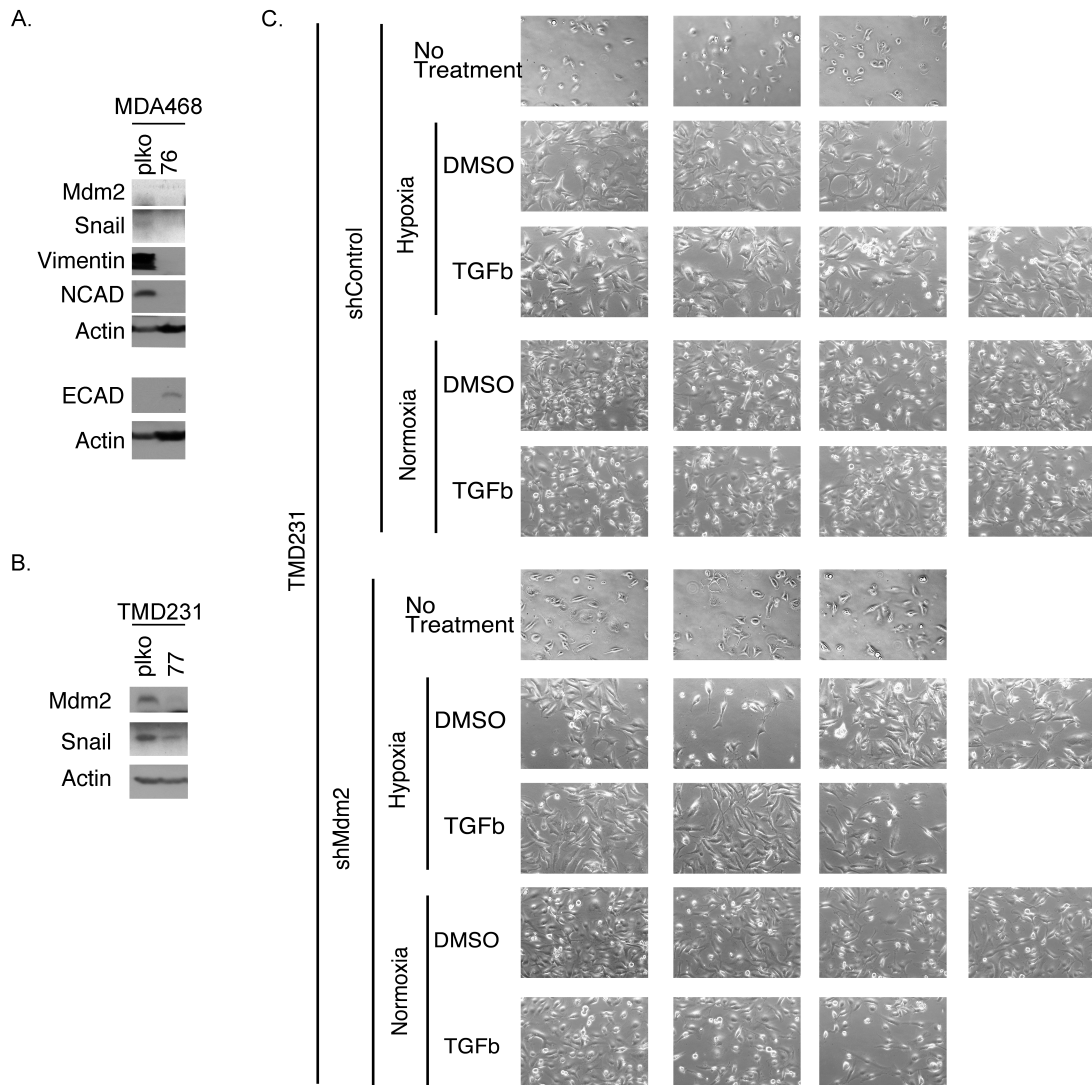


Fig. S1. Characterization of EMT in shMdm2 cell lines. A. MDA468 and **B** TMD231 cell lines generated from distinct shMdm2 constructs (TRCN0000003376 and TRCN0000003377 respectively) show similar changes in EMT marker levels as described in Figure 1 by western blot. **C.** TMD231 cells do not undergo substantial morphological changes upon TGF β 1 or hypoxia treatment. shControl and shMdm2 cells were treated with DMSO or TGF β 1 under normoxia or hypoxia as described in the methods.

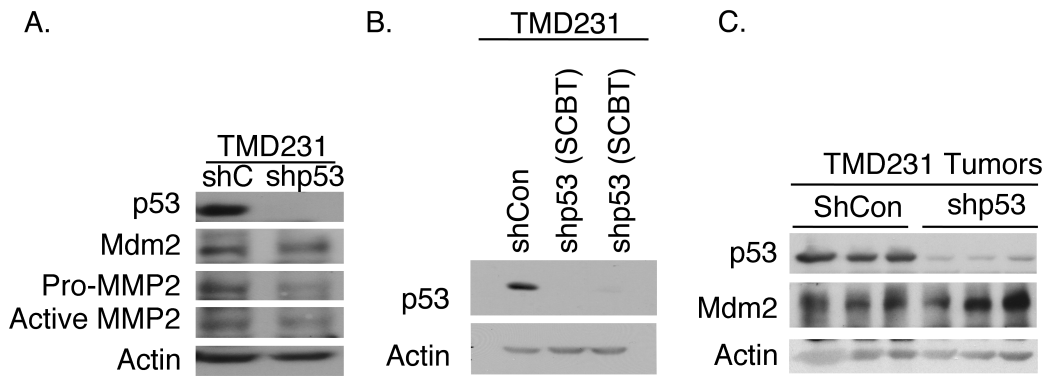


Fig. S2. Western blots of TMD231 cells with knocked-down p53 and shControl cells. **A.** Western blot of cells described in Figures 4 and 5 **B.** Western blot generated from cells transduced with different shp53 constructs. **C.** Western blot of *In vivo* tumors for Mdm2, p53 and Actin.