

## Figure legends

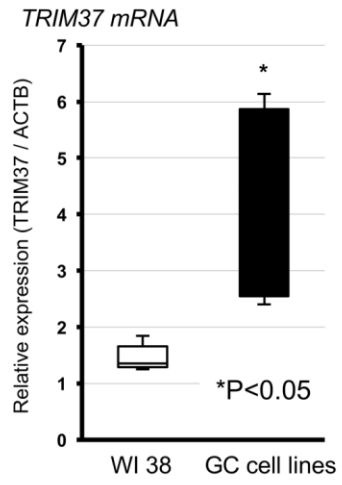
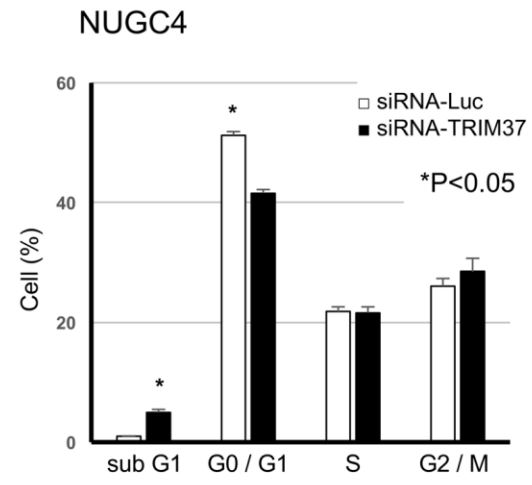
### Figure S1.

#### A Overexpression of TRIM37 in cells

Expression of TRIM37 mRNA in GC cell lines compared with cells from healthy organs plus the fibroblast cell line WI-38.

#### B Cell cycle analysis by the silencing of TRIM37 expression

Transfection of *TP53* wild-type NUGC4 cells with siRNA-*TRIM37* resulted in an accumulation of cells in G2/M phase compared with their transfection with control siRNA, however transfection of *TP53* mutant MKN7 with siRNA-*TRIM37* resulted in an accumulation of cells in the sub-G1 phase compared with transfection with control siRNA

**A****B***MKN7*