

miR-1281 promotes ER stress-induced apoptosis

Table S1. List of the upregulated miRNAs under TG treatment (Fold_Change > 10)

miRNA name	Fold_Change
Has-miR-10400-5p	107.437732060573
hsa-miR-7704	60.1751113799725
hsa-miR-200a-5p	23.4518009754037
hsa-miR-1281	14.2868865115169
hsa-miR-302b-5p	11.5604091723554
hsa-miR-12128	10.1631732622270
hsa-miR-9718	10.0801168318166

Table S2. List of the upregulated miRNAs in p53 overexpressed Saos2 cells (Fold_Change > 3)

miRNA name	Fold_Change
hsa-miR-34a	6.70
hsa-miR-1915	6.52
hsa-miR-1281	6.20
hsa-miR-3195	5.73
miR-149-3p	4.63
hsa-miR-940	4.27

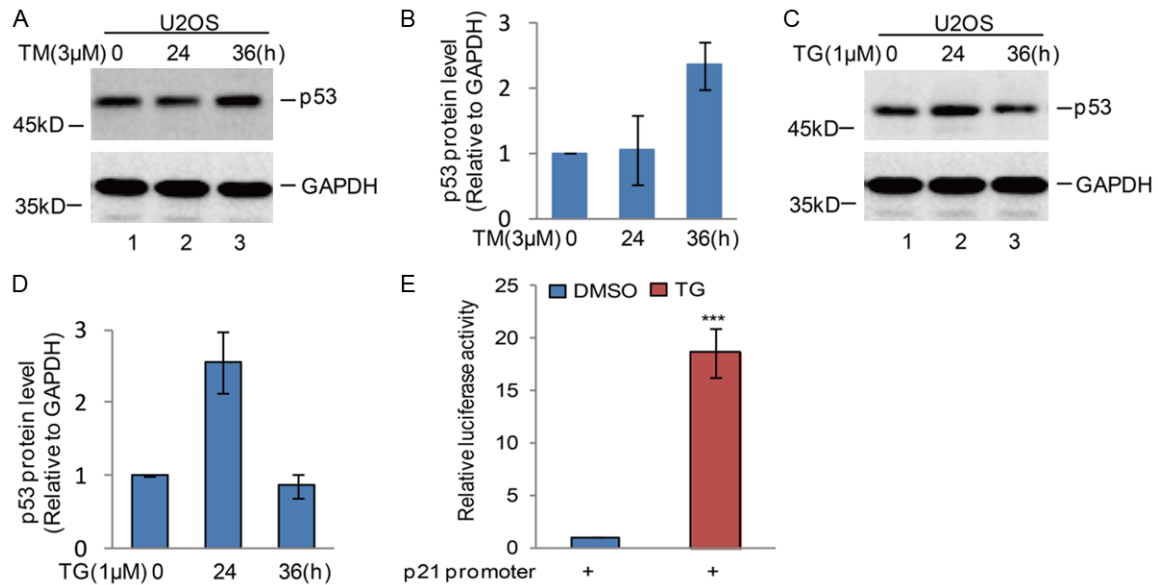


Figure S1. A-D. U2OS cells were treated with 3 μM TM or 1 μM TG at indicated times. The protein levels of p53 were analysed by western blotting assay. E. p21 promoter was transfected into U2OS cells and then the cells were treated with 1 μM TG at indicated times. The luciferase activity was measured. The data represent the means ± SD of three independent experiments; ***P < 0.001 vs. control.