



Figure S1. Downregulating *p53* expression is associated with attenuated cell apoptosis rate induced by the combination therapy of TRAIL and Andro. (A) Effects of the combination treatment on apoptosis in sh-ctrl/sh-*p53* T24 cell lines. Cells were identified by Annexin V-FITC detection following DMSO (control) or TRAIL (2 ng/mL) and Andro (8 μ M) treatment for 24-h. (B) Histogram showing the apoptosis rates of all cell lines. Data represent the mean \pm SD. * $P < 0.05$; ** $P < 0.01$; *** $P < 0.001$ ($n = 3$).

Table S1. The primer sequences for real-time PCR.

Gene symbol	Forward (5'→3')	Reverse (5'→3')
XIAP	AATAGTGCCACGCAGTCTACA	CAGATGGCCTGTCTAAGGCAA
Bcl-2	GGTGGGGTTCATGTGTGTGG	CGGTTTCAGGTACTIONCAGTCATCC
RelA	CCCACGAGCTTGTAGGAAAGG	GGATTCCCAGGTTCTGGAAAC
<i>p53</i>	GAGGTTGGCTCTGACTGTACC	TCCGTCCCAGTAGATTACCAC

GAPDH CTGGGCTACACTGAGCACC AAGTGGTCGTTGAGGGCAATG

Table S2. The sequences of si-RNAs.

RNA oligos	Forward (5'→3')	Reverse (5'→3')
Negative-control FAM	UUCUUCGAACGUGUCACGUTT	ACGUGACACGUUCGGAGAATT
Negative control	UUCUCCGAACGUGUCACGUTT	ACGUGACACGUUCGGAGAATT
DR4-927	GCAUGGACAGGGUGUGUUUTT	AAACACACCCUGUCCAUGCTT
DR4-1201	GCUGUUCUUUGACAAGUUUTT	AAACUUGUCAAGAAGACAGCTT
DR4-366	GGGUCCACAAAGACCUUCAATT	UUGAAGGUCUUGUGGACCCTT
DR5-654	UCAGGUGAAGUGGAGCUAATT	UUAGCUCCACUUCACCUGATT
DR5-955	CAGCCGUAGUCUUGAUUGUTT	ACAAUCAAGACUACGGCUGTT
DR5-555	UCAGAAGACGGUAGAGAUUTT	AAUCUCUACCGUCUUCUGATT
