

Gene Symbol	Fold (MCF-7-TNR/MCF-7)	p-value	FDR
CCND2	35.8484993	1.66E-08	0.000002
CDKN2A	10.34150028	9.01E-08	0.000004
SESN3	8.385530472	3.01E-08	0.000002
PMAIP1	5.159530163	1.26E-07	0.000006
CDK6	4.886919975	3.42E-07	0.000010
ATM	3.212480068	1.69E-06	0.000029
CASP3	2.77263999	1.34E-06	0.000025
RPRM	2.753829956	8.55E-07	0.000019
CCNG1	2.536410093	4.59E-06	0.000060
SESN1	2.364530087	3.03E-06	0.000045
APAF1	2.354249954	5.01E-08	0.000003
GADD45G	0.423877982	7.29E-06	0.000084
CDKN1A	0.41262798	2.16E-07	0.000008
PPM1D	0.315864996	2.23E-09	0.000001
TP53I3	0.296019991	1.51E-07	0.000006
CASP8	0.230773996	1.05E-06	0.000021
CCND1	0.184722992	2.23E-08	0.000002
SFN	0.094577499	3.64E-07	0.000011
THBS1	0.0186942	4.75E-11	0.000000

Supplementary Materials Table 2. Differential expression of the KEGG p53 Signaling Pathway genes in the gene expression arrays of MCF-7 and MCF-7-TNR cells (initially reported in Antoon JW, et al. Altered death receptor signaling promotes epithelial-to-mesenchymal transition and acquired chemoresistance. *Sci Rep.* 2012;2:539. PubMed PMID: 22844580).