

Electronic supplementary material

ESM Table 1 Apoptotic genes induced by TNF- α and inhibited by *FOXO1* siRNA: genes defined in the cell-cycle pathway gene set

Gene	TNF- α		<i>FOXO1</i> siRNA	
	Median	Mean	Median	Mean
<i>CDKN2B</i>	2.33	3.97	0.10	0.08
<i>CDK66</i>	2.06	2.16	0.26	0.41
<i>CCND3</i>	1.69	1.42	0.64	0.57
<i>RBI</i>	1.68	1.44	0.47	0.70
<i>CDKN2D</i>	1.64	1.56	0.39	0.65
<i>CDK2</i>	1.57	1.22	0.24	0.44
<i>CCNH</i>	1.53	1.40	0.87	0.76
<i>CDKN2A</i>	1.47	1.54	0.54	0.71
<i>CCNE1</i>	1.34	1.23	1.01	0.83
<i>CDC25A</i>	1.28	1.15	0.46	0.55
<i>CDKN1A</i>	1.28	1.20	0.84	0.69
<i>CDK7</i>	1.24	1.33	0.62	0.60
<i>CDKN1B</i>	1.18	1.23	0.65	0.62
<i>TFDPI</i>	1.16	1.21	0.54	0.80
<i>CCNA1</i>	1.14	1.10	0.95	0.85
<i>CCNB1</i>	1.11	1.48	0.50	0.57
<i>CCND1</i>	1.05	0.97	0.71	0.55
<i>E2F1</i>	0.97	0.88	0.65	0.70
<i>CCND2</i>	0.89	1.07	0.79	0.68
<i>CDKN2C</i>	0.85	0.83	0.81	1.22
<i>RBL1</i>	0.79	1.94	0.83	0.73
<i>CDK4</i>	0.73	0.72	1.26	1.33
<i>CDC2</i> (also known as <i>CDC28A</i>)	0.59	1.08	0.48	0.52

Fibroblasts were stimulated with TNF- α with or without prior transfection with *FOXO1* or scrambled siRNA and mRNA profiling was carried out. The mean and median values for TNF- α vs unstimulated and *FOXO1* siRNA plus TNF- α vs scrambled siRNA plus TNF- α are shown for triplicate experiments