

Al-Aamri et al. *Intrinsic and extrinsic apoptosis responses in leukaemia cells following daunorubicin treatment*

Additional File for

**Intrinsic and extrinsic apoptosis responses in leukaemia cells following daunorubicin treatment**

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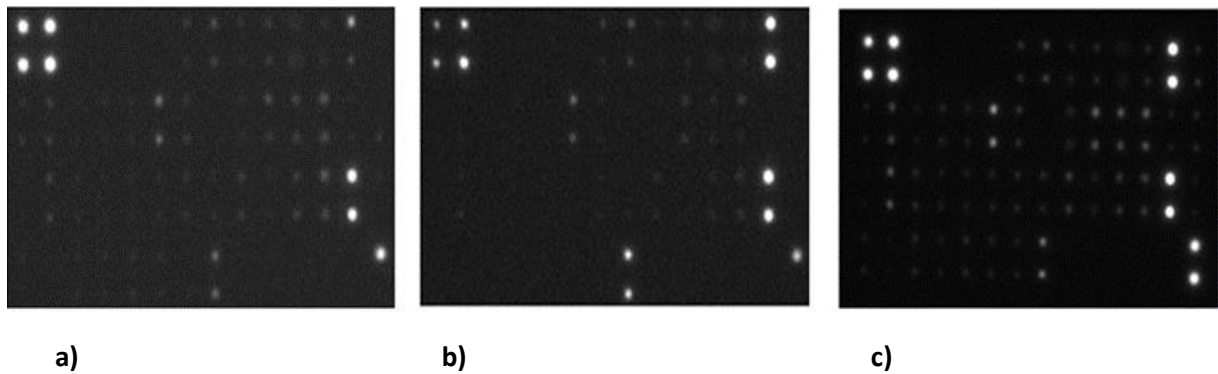
The following pages include:

Table S1

Figures S1 and S2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Pos	Pos	Neg	Neg	BLANK	BLANK	Bad	Bax	Bcl-2	Bcl-w	BID	BIM	Caspase 3	Caspase 8
2	Pos	Pos	Neg	Neg	BLANK	BLANK	Bad	Bax	Bcl-2	Bcl-w	BID	BIM	Caspase 3	Caspase 8
3	CD40	CD40L	clAP-2	cytoC	DR6	Fas	FasL	BLANK	HSP27	HSP60	HSP70	HTRA	IGF-I	IGF-II
4	CD40	CD40L	clAP-2	cytoC	DR6	Fas	FasL	BLANK	HSP27	HSP60	HSP70	HTRA	IGF-I	IGF-II
5	IGFBP-1	IGFBP-2	IGFBP-3	IGFBP-4	IGFBP-5	IGFBP-6	IGF-1sR	Livin	p21	p27	p53	SMAC	Survivin	sTNF-R1
6	IGFBP-1	IGFBP-2	IGFBP-3	IGFBP-4	IGFBP-5	IGFBP-6	IGF-1sR	Livin	p21	p27	p53	SMAC	Survivin	sTNF-R1
7	sTNF-R2	TNF- $\alpha$	TNF- $\beta$	TRAIL R-1	TRAIL R-2	TRAIL R-3	TRAIL R-4	XIAP	BLANK	BLANK	Neg	Neg	Neg	Pos
8	sTNF-R2	TNF- $\alpha$	TNF- $\beta$	TRAIL R-1	TRAIL R-2	TRAIL R-3	TRAIL R-4	XIAP	BLANK	BLANK	Neg	Neg	Neg	Pos

**Figure S1.** The array membrane template



**Figure S2.** Example array panels demonstrating the levels of human apoptotic proteins in MOLT-4 lysates **a)** without treatment (control media) **b)** DNR treated **c)** 12 hour recovery media

**Table S1. Relative changes in levels of apoptosis related protein when treated with DNR for 4 hours and 12 hour in drug free media (recovery media) compared to media only control.**

	MOLT-4		CCRF-CEM		SUP-B15	
	DNR 4hrs	Recovery Media 12hrs	DNR 4hrs	Recovery Media 12hrs	DNR 4hrs	Recovery Media 12hrs
<b>Bad</b>	↑	—	↓	—	↑	—
<b>Bax</b>	↑	↑	↓	↓	↑	—
<b>Bcl-2</b>	↓	—	↑	↑	↓	↓
<b>Bcl-w</b>	—	—	↑	↑	↓	↓
<b>Bid</b>	—	—	—	—	↓	↓
<b>Bim</b>	↓	—	—	—	↓	↓
<b>Casp-3</b>	↑	↑	↑	↑	↑	↑
<b>Casp-8</b>	↑	↑	↑	↑	↑	↑
<b>CD40</b>	↑	—	↑	↑	↑	↓
<b>CD40L</b>	—	—	↑	↑	—	↓
<b>cIAP-2</b>	↓	—	—	—	—	↓
<b>cytC</b>	↑	↑	↓	↓	↑	↑
<b>DR6</b>	↓	—	↓	—	↓	↓
<b>Fas</b>	↑	—	↑	↑	↑	—
<b>FasL</b>	↑	—	↑	—	↓	↓
<b>HSP27</b>	↓	—	—	—	↓	—
<b>HSP60</b>	↑	—	—	—	↑	—
<b>HSP70</b>	↓	↓	—	—	↓	↓
<b>HTRA2</b>	—	↓	↓	—	—	↓
<b>IGF-I</b>	↓	—	↑	↑	↓	↓
<b>IGF-II</b>	↓	—	↑	↑	↓	↓
<b>IGFBP-1</b>	—	—	—	↑	↑	↓
<b>IGFBP- 2</b>	↑	↑	↑	↑	↑	↑
<b>IGFBP- 3</b>	—	—	↑	—	↑	↓
<b>IGFBP- 4</b>	↓	↑	—	—	↑	↑
<b>IGFBP- 5</b>	↑	↑	—	—	↑	—
<b>IGFBP- 6</b>	↓	—	↑	—	—	↓
<b>IGF-1sR</b>	↓	↓	↑	—	↓	↓
<b>Livin</b>	↓	—	↑	—	—	↓
<b>P21</b>	↑	↓	↓	↓	↑	↓
<b>P27</b>	↑	↓	↓	—	↑	↑
<b>P53</b>	↑	↓	↓	↓	-	-
<b>SMAC</b>	↑	↑	—	—	↑	—
<b>Survivin</b>	—	↓	↑	↑	—	—
<b>sTNF-R1</b>	↑	—	↓	↓	↑	↓
<b>sTNF-R2</b>	—	—	↑	—	↑	↓
<b>TNF- <math>\alpha</math></b>	—	—	↑	—	—	↓
<b>TNF- <math>\beta</math></b>	↓	↓	↑	—	↓	↓
<b>TRAILR-1</b>	—	—	↑	—	—	↓
<b>TRAILR-2</b>	↓	↓	↑	—	—	—
<b>TRAIL-3</b>	↑	—	↑	↑	↑	—
<b>TRAIL-4</b>	—	—	↑	↑	—	↓
<b>XIAP</b>	↓	—	↑	↑	↑	↓

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