

Supplemental Table 1. Genes upregulated 24 hours after magnetic hyperthermia in Y-79 retinoblastoma cells treated with 1 mg/ml of dextran-coated iron oxide nanoparticles compared to untreated cells

Gene	Description	Fold Change
<i>FASLG</i>	Fas ligand (TNF superfamily, member 6)	1133.0533
<i>TNF</i>	Tumor necrosis factor	665.9792
<i>IL10</i>	Interleukin 10	646.273
<i>BAG3</i>	BCL2-associated athanogene 3	583.8012
<i>CASP14</i>	Caspase 14, apoptosis-related cysteine peptidase	317.2186
<i>TNFRSF9</i>	Tumor necrosis factor receptor superfamily, member 9	269.2246
<i>PYCARD</i>	PYD and CARD domain containing	265.5181
<i>LTBR</i>	Lymphotoxin beta receptor (TNFR superfamily, member 3)	258.2575
<i>BCL2A1</i>	BCL2-related protein A1	140.0049
<i>LTA</i>	Lymphotoxin alpha (TNF superfamily, member 1)	130.0269
<i>BIRC3</i>	Baculoviral IAP repeat containing 3	112.9338
<i>CFLAR</i>	CASP8 and FADD-like apoptosis regulator	97.4101
<i>CD70</i>	CD70 molecule	52.6855
<i>CD40</i>	CD40 molecule, TNF receptor superfamily member 5	47.9237
<i>CASP10</i>	Caspase 10, apoptosis-related cysteine peptidase	44.4055
<i>BCL2L10</i>	BCL2-like 10 (apoptosis facilitator)	38.037
<i>CD40LG</i>	CD40 ligand	37.1683
<i>CASP5</i>	Caspase 5, apoptosis-related cysteine peptidase	35.2447
<i>TNFRSF1A</i>	Tumor necrosis factor receptor superfamily, member 1A	32.9605
<i>FAS</i>	Fas (TNF receptor superfamily, member 6)	32.1334
<i>CASP8</i>	Caspase 8, apoptosis-related cysteine peptidase	31.8378
<i>HRK</i>	Harakiri, BCL2 interacting protein (contains only BH3 domain)	31.7643
<i>CD27</i>	CD27 molecule	25.0372
<i>TNFSF10</i>	Tumor necrosis factor (ligand) superfamily, member 10	24.7496
<i>CASP4</i>	Caspase 4, apoptosis-related cysteine peptidase	24.1285
<i>BCL2L11</i>	BCL2-like 11 (apoptosis facilitator)	22.5648
<i>TNFSF8</i>	Tumor necrosis factor (ligand) superfamily, member 8	20.196
<i>TNFRSF25</i>	Tumor necrosis factor receptor superfamily, member 25	17.2996
<i>RIPK2</i>	Receptor-interacting serine-threonine kinase 2	17.1009
<i>CASP1</i>	Caspase 1, apoptosis-related cysteine peptidase	15.736
<i>TNFRSF10A</i>	Tumor necrosis factor receptor superfamily, member 10a	15.3057
<i>BIK</i>	BCL2-interacting killer (apoptosis-inducing)	11.8433
<i>TNFRSF1B</i>	Tumor necrosis factor receptor superfamily, member 1B	11.5728
<i>MCL1</i>	Myeloid cell leukemia sequence 1 (BCL2-related)	10.0515
<i>BAG1</i>	BCL2-associated athanogene	9.982
<i>TNFRSF11B</i>	Tumor necrosis factor receptor superfamily, member 11b	9.982
<i>TNFRSF21</i>	Tumor necrosis factor receptor superfamily, member 21	9.5533
<i>TP53BP2</i>	Tumor protein p53 binding protein, 2	6.3614
<i>BAD</i>	BCL2-associated agonist of cell death	5.3864
<i>BCL10</i>	B-cell CLL/lymphoma 10	5.2756
<i>CYCS</i>	Cytochrome c, somatic	5.0374
<i>NOL3</i>	Nucleolar protein 3 (apoptosis repressor with CARD domain)	4.9565
<i>BRAF</i>	V-raf murine sarcoma viral oncogene homolog B1	4.646
<i>TRADD</i>	TNFRSF1A-associated via death domain	4.4982
<i>BIRC6</i>	Baculoviral IAP repeat containing 6	4.2457
<i>GADD45A</i>	Growth arrest and DNA-damage-inducible, alpha	4.026

<i>TRAF3</i>	TNF receptor-associated factor 3	3.8442
<i>BCL2</i>	B-cell CLL/lymphoma 2	3.7825
<i>CASP2</i>	Caspase 2, apoptosis-related cysteine peptidase	3.4248
<i>TNFRSF10B</i>	Tumor necrosis factor receptor superfamily, member 10b	3.3854
<i>TRAF2</i>	TNF receptor-associated factor 2	3.24
<i>APAF1</i>	Apoptotic peptidase activating factor 1	3.188
<i>CASP9</i>	Caspase 9, apoptosis-related cysteine peptidase	3.1514
<i>NOD1</i>	Nucleotide-binding oligomerization domain containing 1	3.0511
<i>BNIP2</i>	BCL2/adenovirus E1B 19kDa interacting protein 2	2.8865
<i>BIRC5</i>	Baculoviral IAP repeat containing 5	2.8402
<i>CIDEB</i>	Cell death-inducing DFFA-like effector b	2.7625
<i>CIDEA</i>	Cell death-inducing DFFA-like effector a	2.2595
<i>BNIP3</i>	BCL2/adenovirus E1B 19kDa interacting protein 3	2.1825
<i>ABL1</i>	C-abl oncogene 1, non-receptor tyrosine kinase	2.1228
<i>AKT1</i>	V-akt murine thymoma viral oncogene homolog 1	2.0936
<i>BAK1</i>	BCL2-antagonist/killer 1	2.0553
<i>NFKB1</i>	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	1.9088
<i>DIABLO</i>	Diablo, IAP-binding mitochondrial protein	1.7124
<i>BAX</i>	BCL2-associated X protein	1.6849
<i>TP53</i>	Tumor protein p53	1.6849
<i>DFFA</i>	DNA fragmentation factor, 45kDa, alpha polypeptide	1.477
<i>NAIP</i>	NLR family, apoptosis inhibitory protein	1.4634
<i>IGF1R</i>	Insulin-like growth factor 1 receptor	1.3877
<i>FADD</i>	Fas (TNFRSF6)-associated via death domain	1.2478
<i>BNIP3L</i>	BCL2/adenovirus E1B 19kDa interacting protein 3-like	1.2164
<i>DAPK1</i>	Death-associated protein kinase 1	1.1777
<i>BFAR</i>	Bifunctional apoptosis regulator	0.9858
<i>CASP3</i>	Caspase 3, apoptosis-related cysteine peptidase	0.8722
<i>BCL2L2</i>	BCL2-like 2	0.8309
<i>BID</i>	BH3 interacting domain death agonist	0.664
<i>CASP7</i>	Caspase 7, apoptosis-related cysteine peptidase	0.664
<i>BCL2L1</i>	BCL2-like 1	0.6625
<i>CASP6</i>	Caspase 6, apoptosis-related cysteine peptidase	0.6399
<i>TP73</i>	Tumor protein p73	0.5998
<i>XIAP</i>	X-linked inhibitor of apoptosis	0.5584
<i>BIRC2</i>	Baculoviral IAP repeat containing 2	0.4463
<i>CRADD</i>	CASP2 and RIPK1 domain containing adaptor with death domain	0.4013
<i>AIFM1</i>	Apoptosis-inducing factor, mitochondrion-associated, 1	0.3701