

**Supplementary Table 1.** Statistically significant genes showing a greater than tenfold increase in expression in MCF-7/ADR cells\*

Probe set	Gene symbol	Parametric $P \uparrow$	FDR	Fold change	Description
204475_at	<i>MMP1</i>	$< 1 \times 10^{-7}$	$< 1 \times 10^{-7}$	202.4	Matrix metalloproteinase 1 (interstitial collagenase)
201426_s_at	<i>VIM</i>	$3.00 \times 10^{-7}$	$3.18 \times 10^{-5}$	198.3	Vimentin
209993_at	<i>ABCB1</i>	$< 1 \times 10^{-7}$	$< 1 \times 10^{-7}$	191.7	ATP-binding cassette, sub-family B (MDR/TAP), member 1
213564_x_at	<i>LDHB</i>	$< 1 \times 10^{-7}$	$< 1 \times 10^{-7}$	189.1	Lactate dehydrogenase B
209994_s_at	<i>ABCB1</i>	$1.00 \times 10^{-7}$	$2.16 \times 10^{-5}$	152.2	ATP-binding cassette, sub-family B (MDR/TAP), member 1
202237_at	<i>NNMT</i>	$1.00 \times 10^{-7}$	$2.16 \times 10^{-5}$	129.7	Nicotinamide <i>N</i> -methyltransferase
208782_at	<i>FSTL1</i>	$2.00 \times 10^{-7}$	$2.69 \times 10^{-5}$	115.1	Follistatin-like 1
209101_at	<i>CTGF</i>	$1.00 \times 10^{-7}$	$2.16 \times 10^{-5}$	110.2	Connective tissue growth factor
200736_s_at	<i>GPX1</i>	$1.00 \times 10^{-7}$	$2.16 \times 10^{-5}$	103.1	Glutathione peroxidase 1
201030_x_at	<i>LDHB</i>	$1.00 \times 10^{-7}$	$2.16 \times 10^{-5}$	102.4	Lactate dehydrogenase B
201387_s_at	<i>UCHL1</i>	$2.00 \times 10^{-7}$	$2.69 \times 10^{-5}$	94.2	Ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
210517_s_at	<i>AKAP12</i>	$2.00 \times 10^{-7}$	$2.69 \times 10^{-5}$	86.7	A kinase (PRKA) anchor protein 12
201215_at	<i>PLS3</i>	$4.00 \times 10^{-7}$	$3.49 \times 10^{-5}$	86.5	Plastin 3 (T isoform)
210764_s_at	<i>CYR61</i>	$2.00 \times 10^{-7}$	$2.69 \times 10^{-5}$	82.9	Cysteine-rich, angiogenic inducer, 61
201445_at	<i>CNN3</i>	$1.00 \times 10^{-7}$	$2.16 \times 10^{-5}$	79.6	Calponin 3, acidic
214247_s_at	<i>DKK3</i>	$3.00 \times 10^{-7}$	$3.18 \times 10^{-5}$	79.5	Dickkopf homolog 3 ( <i>Xenopus laevis</i> )
212077_at	<i>CALD1</i>	$5.00 \times 10^{-7}$	$3.66 \times 10^{-5}$	73.6	Caldesmon 1
200665_s_at	<i>SPARC</i>	$5.00 \times 10^{-7}$	$3.66 \times 10^{-5}$	71.3	Secreted protein, acidic, cysteine-rich (osteonectin)
200600_at	<i>MSN</i>	$1.10 \times 10^{-6}$	$4.68 \times 10^{-5}$	68.3	Moesin
206042_x_at	<i>SNURF</i>	$1.00 \times 10^{-7}$	$2.16 \times 10^{-5}$	66.8	SNRPN upstream reading frame
33767_at	<i>NEFH</i>	$2.00 \times 10^{-7}$	$2.69 \times 10^{-5}$	64.2	Neurofilament, heavy polypeptide
201289_at	<i>CYR61</i>	$1.00 \times 10^{-7}$	$2.16 \times 10^{-5}$	59.7	Cysteine-rich, angiogenic inducer, 61
201522_x_at	<i>SNRPN</i>	$4.00 \times 10^{-7}$	$3.49 \times 10^{-5}$	58.7	Small nuclear ribonucleoprotein polypeptide N
201272_at	<i>AKR1B1</i>	$1.20 \times 10^{-6}$	$4.82 \times 10^{-5}$	55.5	Aldo-keto reductase family 1, member B1 (aldose reductase)
218332_at	<i>BEX1</i>	$5.00 \times 10^{-7}$	$3.66 \times 10^{-5}$	55.4	Brain expressed, X-linked 1

204083_s_at	<i>TPM2</i>	$2.00 \times 10^{-7}$	$2.69 \times 10^{-5}$	53.7	Tropomyosin 2 ( $\beta$ )
202686_s_at	<i>AXL</i>	$8.00 \times 10^{-7}$	$4.28 \times 10^{-5}$	53.1	AXL receptor tyrosine kinase
202627_s_at	<i>SERPINE1</i>	$5.00 \times 10^{-7}$	$3.66 \times 10^{-5}$	51.7	Serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
220051_at	<i>PRSS21</i>	$3.00 \times 10^{-7}$	$3.18 \times 10^{-5}$	49.5	Protease, serine, 21 (testisin)
218847_at	<i>IGF2BP2</i>	$1.00 \times 10^{-6}$	$4.61 \times 10^{-5}$	49.3	Insulin-like growth factor 2 mRNA binding protein 2
201324_at	<i>EMP1</i>	$9.00 \times 10^{-7}$	$4.39 \times 10^{-5}$	46.5	Epithelial membrane protein 1
206018_at	<i>FOXP1</i>	$8.00 \times 10^{-7}$	$4.28 \times 10^{-5}$	43.7	Forkhead box G1
210869_s_at	<i>MCAM</i>	$2.70 \times 10^{-6}$	$6.82 \times 10^{-5}$	43.6	Melanoma cell adhesion molecule
202310_s_at	<i>COL1A1</i>	$3.00 \times 10^{-7}$	$3.18 \times 10^{-5}$	43.4	Collagen, type I, $\alpha$ 1
219014_at	<i>PLAC8</i>	$4.00 \times 10^{-7}$	$3.49 \times 10^{-5}$	42.1	Placenta-specific 8
218718_at	<i>PDGFC</i>	$4.00 \times 10^{-7}$	$3.49 \times 10^{-5}$	39.3	Platelet-derived growth factor C
211964_at	<i>COL4A2</i>	$8.00 \times 10^{-7}$	$4.28 \times 10^{-5}$	36.4	Collagen, type IV, $\alpha$ 2
201667_at	<i>GJA1</i>	$6.00 \times 10^{-6}$	$1.06 \times 10^{-4}$	35.0	Gap junction protein, $\alpha$ 1, 43kda
204955_at	<i>SRPX</i>	$4.00 \times 10^{-7}$	$3.49 \times 10^{-5}$	34.3	Sushi-repeat-containing protein, X-linked
201058_s_at	<i>MYL9</i>	$1.10 \times 10^{-6}$	$4.68 \times 10^{-5}$	33.8	Myosin, light chain 9, regulatory
202052_s_at	<i>RAI14</i>	$6.00 \times 10^{-7}$	$4.03 \times 10^{-5}$	33.7	Retinoic acid induced 14
218084_x_at	<i>FXVD5</i>	$7.00 \times 10^{-7}$	$4.25 \times 10^{-5}$	33.3	FXVD domain containing ion transport regulator 5
202238_s_at	<i>NNMT</i>	$1.80 \times 10^{-6}$	$5.85 \times 10^{-5}$	32.8	Nicotinamide N-methyltransferase
217975_at	<i>WBP5</i>	$1.73 \times 10^{-5}$	$1.89 \times 10^{-4}$	32.7	WW domain binding protein 5
203828_s_at	<i>IL32</i>	$1.20 \times 10^{-6}$	$4.82 \times 10^{-5}$	32.3	Interleukin 32
201505_at	<i>LAMB1</i>	$2.30 \times 10^{-6}$	$6.36 \times 10^{-5}$	32.2	Laminin, $\beta$ 1
212190_at	<i>SERPINE2</i>	$3.40 \times 10^{-6}$	$7.62 \times 10^{-5}$	32.1	Serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2
202760_s_at	<i>PALM2-AKAP2</i>	$8.20 \times 10^{-6}$	$1.24 \times 10^{-4}$	31.8	PALM2-AKAP2 readthrough transcript
209550_at	<i>NDN</i>	$9.00 \times 10^{-7}$	$4.39 \times 10^{-5}$	31.3	Necdin homolog (mouse)
209644_x_at	<i>CDKN2A</i>	$6.00 \times 10^{-7}$	$4.03 \times 10^{-5}$	31.0	Cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)
211340_s_at	<i>MCAM</i>	$7.00 \times 10^{-7}$	$4.25 \times 10^{-5}$	30.9	Melanoma cell adhesion molecule
201063_at	<i>RCN1</i>	$4.00 \times 10^{-7}$	$3.49 \times 10^{-5}$	30.9	Reticulocalbin 1, EF-hand calcium binding domain

207039_at	<i>CDKN2A</i>	$1.50 \times 10^{-6}$	$5.45 \times 10^{-5}$	30.8	Cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)
220057_at	<i>XAGE1D</i>	$1.70 \times 10^{-6}$	$5.75 \times 10^{-5}$	30.7	X antigen family, member 1D
200824_at	<i>GSTP1</i>	$6.00 \times 10^{-7}$	$4.03 \times 10^{-5}$	29.6	Glutathione S-transferase $\pi$ 1
213603_s_at	<i>RAC2</i>	$6.00 \times 10^{-7}$	$4.03 \times 10^{-5}$	29.6	Ras-related C3 botulinum toxin substrate 2 ( $\rho$ family, small GTP binding protein Rac2)
202759_s_at	<i>AKAP2</i>	$7.50 \times 10^{-6}$	$1.17 \times 10^{-4}$	29.1	A kinase (PRKA) anchor protein 2
219874_at	<i>SLC12A8</i>	$2.50 \times 10^{-6}$	$6.48 \times 10^{-5}$	29.0	Solute carrier family 12 (potassium/chloride transporters), member 8
209386_at	<i>TM4SF1</i>	$7.00 \times 10^{-7}$	$4.25 \times 10^{-5}$	29.0	Transmembrane 4 L six family member 1
209016_s_at	<i>KRT7</i>	$4.00 \times 10^{-7}$	$3.49 \times 10^{-5}$	28.5	Keratin 7
203184_at	<i>FBN2</i>	$1.40 \times 10^{-5}$	$1.70 \times 10^{-4}$	28.5	Fibrillin 2
204086_at	<i>PRAME</i>	$8.00 \times 10^{-7}$	$4.28 \times 10^{-5}$	28.2	Preferentially expressed antigen in melanoma
205081_at	<i>CRIP1</i>	$4.00 \times 10^{-7}$	$3.49 \times 10^{-5}$	28.0	Cysteine-rich protein 1 (intestinal)
209278_s_at	<i>TFPI2</i>	$1.40 \times 10^{-6}$	$5.16 \times 10^{-5}$	27.9	Tissue factor pathway inhibitor 2
208789_at	<i>PTRF</i>	$8.00 \times 10^{-7}$	$4.28 \times 10^{-5}$	27.8	Polymerase I and transcript release factor
214720_x_at	<i>10-Sep</i>	$1.60 \times 10^{-6}$	$5.65 \times 10^{-5}$	27.4	Septin 10
203819_s_at	<i>IGF2BP3</i>	$8.90 \times 10^{-6}$	$1.28 \times 10^{-4}$	26.9	Insulin-like growth factor 2 mRNA binding protein 3
212414_s_at	<i>6-Sep</i>	$1.00 \times 10^{-6}$	$4.61 \times 10^{-5}$	26.8	Septin 6
210095_s_at	<i>IGFBP3</i>	$5.00 \times 10^{-7}$	$3.66 \times 10^{-5}$	26.2	Insulin-like growth factor binding protein 3
201042_at	<i>TGM2</i>	$4.40 \times 10^{-6}$	$8.49 \times 10^{-5}$	25.8	Transglutaminase 2 (C polypeptide, protein-glutamine- $\gamma$ -glutamyltransferase)
202628_s_at	<i>SERPINE1</i>	$2.00 \times 10^{-6}$	$6.07 \times 10^{-5}$	25.6	Serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
203917_at	<i>CXADR</i>	$5.20 \times 10^{-6}$	$9.58 \times 10^{-5}$	24.8	Coxsackie virus and adenovirus receptor
209651_at	<i>TGFB11</i>	$1.01 \times 10^{-5}$	$1.41 \times 10^{-4}$	24.2	Transforming growth factor $\beta$ 1 induced transcript 1
205627_at	<i>CDA</i>	$8.00 \times 10^{-7}$	$4.28 \times 10^{-5}$	24.0	Cytidine deaminase
205798_at	<i>IL7R</i>	$3.50 \times 10^{-6}$	$7.64 \times 10^{-5}$	23.6	Interleukin 7 receptor
209318_x_at	<i>PLAGL1</i>	$2.80 \times 10^{-6}$	$6.97 \times 10^{-5}$	23.1	Pleiomorphic adenoma gene-like 1
213069_at	<i>HEG1</i>	$9.30 \times 10^{-6}$	$1.32 \times 10^{-4}$	22.9	HEG homolog 1 (zebrafish)
201995_at	<i>EXT1</i>	$6.00 \times 10^{-7}$	$4.03 \times 10^{-5}$	22.7	Exostoses (multiple) 1
202998_s_at	<i>LOXL2</i>	$1.10 \times 10^{-6}$	$4.68 \times 10^{-5}$	22.5	Lysyl oxidase-like 2

210105_s_at	<i>FYN</i>	$9.40 \times 10^{-6}$	$1.33 \times 10^{-4}$	22.1	FYN oncogene related to SRC, FGR, YES
201506_at	<i>TGFBI</i>	$6.00 \times 10^{-7}$	$4.03 \times 10^{-5}$	21.8	Transforming growth factor, $\beta$ -induced, 68kda
213428_s_at	<i>COL6A1</i>	$2.20 \times 10^{-6}$	$6.26 \times 10^{-5}$	21.5	Collagen, type VI, $\alpha 1$
202855_s_at	<i>SLC16A3</i>	$2.00 \times 10^{-6}$	$6.07 \times 10^{-5}$	21.3	Solute carrier family 16, member 3 (monocarboxylic acid transporter 4)
218717_s_at	<i>LEPREL1</i>	$1.30 \times 10^{-6}$	$5.01 \times 10^{-5}$	21.3	Leprecan-like 1
203729_at	<i>EMP3</i>	$3.90 \times 10^{-6}$	$7.86 \times 10^{-5}$	21.2	Epithelial membrane protein 3
212154_at	<i>SDC2</i>	$1.40 \times 10^{-6}$	$5.16 \times 10^{-5}$	21.2	Syndecan 2
204420_at	<i>FOSL1</i>	$1.80 \times 10^{-6}$	$5.85 \times 10^{-5}$	20.9	FOS-like antigen 1
208966_x_at	<i>IFI16</i>	$1.10 \times 10^{-6}$	$4.68 \times 10^{-5}$	20.9	Interferon, $\gamma$ -inducible protein 16
202638_s_at	<i>ICAM1</i>	$1.30 \times 10^{-6}$	$5.01 \times 10^{-5}$	20.9	Intercellular adhesion molecule 1
206332_s_at	<i>IFI16</i>	$2.60 \times 10^{-6}$	$6.67 \times 10^{-5}$	20.8	Interferon, $\gamma$ -inducible protein 16
210042_s_at	<i>CTSZ</i>	$1.40 \times 10^{-6}$	$5.16 \times 10^{-5}$	20.4	Cathepsin Z
203939_at	<i>NT5E</i>	$9.00 \times 10^{-7}$	$4.39 \times 10^{-5}$	20.4	5'-Nucleotidase, ecto (CD73)
212698_s_at	<i>10-Sep</i>	$9.00 \times 10^{-7}$	$4.39 \times 10^{-5}$	20.2	Septin 10
202856_s_at	<i>SLC16A3</i>	$9.00 \times 10^{-7}$	$4.39 \times 10^{-5}$	20.1	Solute carrier family 16, member 3 (monocarboxylic acid transporter 4)
207733_x_at	<i>PSG9</i>	$2.40 \times 10^{-6}$	$6.42 \times 10^{-5}$	20.0	Pregnancy specific $\beta$ -1-glycoprotein 9
215034_s_at	<i>TM4SF1</i>	$7.00 \times 10^{-7}$	$4.25 \times 10^{-5}$	19.9	Transmembrane 4 L six family member 1
201012_at	<i>ANXA1</i>	$9.00 \times 10^{-7}$	$4.39 \times 10^{-5}$	19.7	Annexin A1
203695_s_at	<i>DFNA5</i>	$2.90 \times 10^{-6}$	$7.07 \times 10^{-5}$	19.7	Deafness, autosomal dominant 5
214452_at	<i>BCAT1</i>	$1.58 \times 10^{-5}$	$1.80 \times 10^{-4}$	19.6	Branched chain aminotransferase 1, cytosolic
202637_s_at	<i>ICAM1</i>	$1.10 \times 10^{-6}$	$4.68 \times 10^{-5}$	19.5	Intercellular adhesion molecule 1
209191_at	<i>TUBB6</i>	$7.00 \times 10^{-7}$	$4.25 \times 10^{-5}$	19.5	Tubulin, $\beta 6$
209576_at	<i>GNAI1</i>	$1.35 \times 10^{-4}$	$5.76 \times 10^{-4}$	19.1	Guanine nucleotide binding protein (G protein), $\alpha$ inhibiting activity polypeptide 1
202345_s_at	<i>FABP5</i>	$7.00 \times 10^{-7}$	$4.25 \times 10^{-5}$	18.8	Fatty acid binding protein 5 (psoriasis-associated)
203440_at	<i>CDH2</i>	$3.40 \times 10^{-6}$	$7.62 \times 10^{-5}$	18.7	Cadherin 2, type 1, N-cadherin (neuronal)
206857_s_at	<i>FKBP1B</i>	$2.45 \times 10^{-5}$	$2.33 \times 10^{-4}$	18.4	FK506 binding protein 1B, 12.6 kda
201325_s_at	<i>EMP1</i>	$3.30 \times 10^{-6}$	$7.62 \times 10^{-5}$	18.4	Epithelial membrane protein 1
202196_s_at	<i>DKK3</i>	$2.46 \times 10^{-5}$	$2.33 \times 10^{-4}$	18.3	Dickkopf homolog 3 ( <i>Xenopus laevis</i> )

202949_s_at	<i>FHL2</i>	$2.10 \times 10^{-6}$	$6.22 \times 10^{-5}$	18.2	Four and a half LIM domains 2
203851_at	<i>IGFBP6</i>	$1.10 \times 10^{-6}$	$4.68 \times 10^{-5}$	18.1	Insulin-like growth factor binding protein 6
209156_s_at	<i>COL6A2</i>	$8.00 \times 10^{-7}$	$4.28 \times 10^{-5}$	18.1	Collagen, type VI, $\alpha 2$
209087_x_at	<i>MCAM</i>	$2.30 \times 10^{-6}$	$6.36 \times 10^{-5}$	18.1	Melanoma cell adhesion molecule
212094_at	<i>PEG10</i>	$3.50 \times 10^{-6}$	$7.64 \times 10^{-5}$	18.0	Paternally expressed 10
201616_s_at	<i>CALD1</i>	$2.08 \times 10^{-5}$	$2.14 \times 10^{-4}$	17.8	Caldesmon 1
204466_s_at	<i>SNCA</i>	$2.50 \times 10^{-6}$	$6.48 \times 10^{-5}$	17.7	Synuclein, $\alpha$ (non A4 component of amyloid precursor)
212607_at	<i>AKT3</i>	$2.14 \times 10^{-5}$	$2.16 \times 10^{-4}$	17.6	V-akt murine thymoma viral oncogene homolog 3 (protein kinase B, $\gamma$ )
211980_at	<i>COL4A1</i>	$2.42 \times 10^{-5}$	$2.33 \times 10^{-4}$	17.6	Collagen, type IV, $\alpha 1$
209283_at	<i>CRYAB</i>	$1.10 \times 10^{-6}$	$4.68 \times 10^{-5}$	17.3	Crystallin, $\alpha B$
212158_at	<i>SDC2</i>	$2.80 \times 10^{-6}$	$6.97 \times 10^{-5}$	17.2	Syndecan 2
212774_at	<i>ZNF238</i>	$2.75 \times 10^{-5}$	$2.45 \times 10^{-4}$	17.2	Zinc finger protein 238
206382_s_at	<i>BDNF</i>	$1.70 \times 10^{-6}$	$5.75 \times 10^{-5}$	17.2	Brain-derived neurotrophic factor
211071_s_at	<i>MLLT11</i>	$5.80 \times 10^{-6}$	$1.03 \times 10^{-4}$	16.9	Myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, <i>Drosophila</i> ); translocated to, 11
206953_s_at	<i>LPHN2</i>	$1.65 \times 10^{-5}$	$1.85 \times 10^{-4}$	16.6	Latrophilin 2
205830_at	<i>CLGN</i>	$2.80 \times 10^{-5}$	$2.47 \times 10^{-4}$	16.4	Calmeglin
220994_s_at	<i>STXBP6</i>	$1.20 \times 10^{-6}$	$4.82 \times 10^{-5}$	16.3	Syntaxin binding protein 6 (amisyn)
204885_s_at	<i>MSLN</i>	$3.80 \times 10^{-6}$	$7.72 \times 10^{-5}$	16.3	Mesothelin
211003_x_at	<i>TGM2</i>	$2.45 \times 10^{-5}$	$2.33 \times 10^{-4}$	15.9	Transglutaminase 2 (C polypeptide, protein-glutamine- $\gamma$ -glutamyltransferase)
211719_x_at	<i>FN1</i>	$2.40 \times 10^{-6}$	$6.42 \times 10^{-5}$	15.9	Fibronectin 1
206467_x_at	<i>TNFRSF6B</i>	$1.00 \times 10^{-6}$	$4.61 \times 10^{-5}$	15.9	Tumor necrosis factor receptor superfamily, member 6b, decoy
45714_at	<i>HCFC1R1</i>	$2.50 \times 10^{-6}$	$6.48 \times 10^{-5}$	15.8	Host cell factor C1 regulator 1 (XPO1 dependent)
214321_at	<i>NOV</i>	$4.09 \times 10^{-4}$	$1.08 \times 10^{-4}$	15.6	Nephroblastoma overexpressed gene
208025_s_at	<i>HMG A2</i>	$1.22 \times 10^{-5}$	$1.55 \times 10^{-4}$	15.5	High mobility group AT-hook 2
206029_at	<i>ANKRD1</i>	$2.30 \times 10^{-6}$	$6.36 \times 10^{-5}$	15.4	Ankyrin repeat domain 1 (cardiac muscle)
220027_s_at	<i>RASIP1</i>	$1.80 \times 10^{-6}$	$5.85 \times 10^{-5}$	15.3	Ras-interacting protein 1
212233_at	<i>MAP1B</i>	$2.84 \times 10^{-4}$	$8.68 \times 10^{-4}$	15.2	Microtubule-associated protein 1B
203820_s_at	<i>IGF2BP3</i>	$6.28 \times 10^{-5}$	$3.74 \times 10^{-4}$	15.2	Insulin-like growth factor 2 mRNA binding protein 3

209288_s_at	<i>CDC42EP3</i>	$4.48 \times 10^{-5}$	$3.12 \times 10^{-4}$	15.1	CDC42 effector protein ( $\rho$ GTPase binding) 3
204688_at	<i>SGCE</i>	$5.20 \times 10^{-6}$	$9.58 \times 10^{-5}$	15.0	Sarcoglycan, $\epsilon$
209594_x_at	<i>PSG9</i>	$4.80 \times 10^{-6}$	$9.01 \times 10^{-5}$	14.9	Pregnancy specific $\beta$ -1-glycoprotein 9
206295_at	<i>IL18</i>	$3.40 \times 10^{-6}$	$7.62 \times 10^{-5}$	14.9	Interleukin 18 (interferon- $\gamma$ -inducing factor)
212509_s_at	<i>MXRA7</i>	$3.00 \times 10^{-6}$	$7.21 \times 10^{-5}$	14.8	Matrix-remodelling associated 7
207876_s_at	<i>FLNC</i>	$1.01 \times 10^{-5}$	$1.41 \times 10^{-4}$	14.5	Filamin C, $\gamma$ (actin binding protein 280)
211573_x_at	<i>TGM2</i>	$2.00 \times 10^{-6}$	$6.07 \times 10^{-5}$	14.3	Transglutaminase 2 (C polypeptide, protein-glutamine- $\gamma$ -glutamyltransferase)
213620_s_at	<i>ICAM2</i>	$4.20 \times 10^{-6}$	$8.29 \times 10^{-5}$	14.2	Intercellular adhesion molecule 2
219271_at	<i>GALNT14</i>	$3.40 \times 10^{-6}$	$7.62 \times 10^{-5}$	14.2	UDP- <i>N</i> -acetyl- $\alpha$ -D-galactosamine:polypeptide <i>N</i> -acetylgalactosaminyltransferase 14 (GalNac-T14)
212464_s_at	<i>FN1</i>	$4.30 \times 10^{-6}$	$8.36 \times 10^{-5}$	14.1	Fibronectin 1
215047_at	<i>TRIM58</i>	$3.10 \times 10^{-6}$	$7.35 \times 10^{-5}$	14.0	Tripartite motif-containing 58
210495_x_at	<i>FN1</i>	$6.00 \times 10^{-6}$	$1.06 \times 10^{-4}$	14.0	Fibronectin 1
221059_s_at	<i>CHST6</i>	$2.10 \times 10^{-6}$	$6.22 \times 10^{-5}$	13.9	Carbohydrate ( <i>N</i> -acetylglucosamine 6- <i>O</i> ) sulfotransferase 6
201123_s_at	<i>EIF5A</i>	$4.40 \times 10^{-6}$	$8.49 \times 10^{-5}$	13.8	Eukaryotic translation initiation factor 5A
209356_x_at	<i>EFEMP2</i>	$2.50 \times 10^{-6}$	$6.48 \times 10^{-5}$	13.8	EGF-containing fibulin-like extracellular matrix protein 2
212563_at	<i>BOP1</i>	$1.40 \times 10^{-6}$	$5.16 \times 10^{-5}$	13.7	Block of proliferation 1
214439_x_at	<i>BIN1</i>	$1.40 \times 10^{-6}$	$5.16 \times 10^{-5}$	13.4	Bridging integrator 1
203810_at	<i>DNAJB4</i>	$2.53 \times 10^{-5}$	$2.34 \times 10^{-4}$	13.4	DnaJ (Hsp40) homolog, subfamily B, member 4
216442_x_at	<i>FN1</i>	$1.76 \times 10^{-5}$	$1.90 \times 10^{-4}$	13.3	Fibronectin 1
214023_x_at	<i>TUBB2B</i>	$3.88 \times 10^{-4}$	$1.04 \times 10^{-4}$	13.2	Tubulin, $\beta$ 2B
204030_s_at	<i>SCHIP1</i>	$2.85 \times 10^{-4}$	$8.68 \times 10^{-4}$	13.2	Schwannomin interacting protein 1
212859_x_at	<i>MT1E</i>	$8.50 \times 10^{-6}$	$1.27 \times 10^{-4}$	13.0	Metallothionein 1E
207419_s_at	<i>RAC2</i>	$3.90 \times 10^{-6}$	$7.86 \times 10^{-5}$	13.0	Ras-related C3 botulinum toxin substrate 2 ( $\rho$ family, small GTP binding protein Rac2)
200923_at	<i>LGALS3BP</i>	$2.30 \times 10^{-6}$	$6.36 \times 10^{-5}$	13.0	Lectin, galactoside-binding, soluble, 3 binding protein
202236_s_at	<i>SLC16A1</i>	$8.70 \times 10^{-6}$	$1.27 \times 10^{-4}$	12.9	Solute carrier family 16, member 1 (monocarboxylic acid transporter 1)
202806_at	<i>DBN1</i>	$1.80 \times 10^{-6}$	$5.85 \times 10^{-5}$	12.9	Drebrin 1
214071_at	<i>GNAL</i>	$8.20 \times 10^{-6}$	$1.24 \times 10^{-4}$	12.9	Guanine nucleotide binding protein (G protein), $\alpha$ activating activity polypeptide, olfactory type

221185_s_at	<i>IQCG</i>	$9.20 \times 10^{-6}$	$1.31 \times 10^{-4}$	12.8	IQ motif containing G
209763_at	<i>CHRD1</i>	$4.66 \times 10^{-5}$	$3.21 \times 10^{-4}$	12.8	Chordin-like 1
205548_s_at	<i>BTG3</i>	$2.00 \times 10^{-6}$	$6.07 \times 10^{-5}$	12.7	BTG family, member 3
210933_s_at	<i>FSCN1</i>	$1.91 \times 10^{-4}$	$6.97 \times 10^{-4}$	12.5	Fascin homolog 1, actin-bundling protein ( <i>Strongylocentrotus purpuratus</i> )
204141_at	<i>TUBB2A</i>	$4.50 \times 10^{-6}$	$8.61 \times 10^{-5}$	12.4	Tubulin, $\beta$ 2A
213113_s_at	<i>SLC43A3</i>	$1.14 \times 10^{-5}$	$1.49 \times 10^{-4}$	12.3	Solute carrier family 43, member 3
204639_at	<i>ADA</i>	$3.70 \times 10^{-6}$	$7.70 \times 10^{-5}$	12.2	Adenosine deaminase
212647_at	<i>RRAS</i>	$3.80 \times 10^{-6}$	$7.72 \times 10^{-5}$	12.2	Related RAS viral (r-ras) oncogene homolog
210609_s_at	<i>TP53I3</i>	$2.20 \times 10^{-6}$	$6.26 \times 10^{-5}$	12.2	Tumor protein p53 inducible protein 3
204589_at	<i>NUAK1</i>	$6.30 \times 10^{-6}$	$1.07 \times 10^{-4}$	12.1	NUAK family, SNF1-like kinase, 1
204279_at	<i>PSMB9</i>	$4.80 \times 10^{-6}$	$9.01 \times 10^{-5}$	12.1	Proteasome (prosome, macropain) subunit, $\beta$ type, 9 (large multifunctional peptidase 2)
202656_s_at	<i>SERTAD2</i>	$1.42 \times 10^{-5}$	$1.70 \times 10^{-4}$	12.0	SERTA domain containing 2
205990_s_at	<i>WNT5A</i>	$5.00 \times 10^{-6}$	$9.28 \times 10^{-5}$	11.9	Wingless-type MMTV integration site family, member 5A
210201_x_at	<i>BIN1</i>	$3.19 \times 10^{-5}$	$2.61 \times 10^{-4}$	11.8	Bridging integrator 1
220565_at	<i>CCR10</i>	$2.00 \times 10^{-6}$	$6.07 \times 10^{-5}$	11.8	Chemokine (C-C motif) receptor 10
211564_s_at	<i>PDLIM4</i>	$6.60 \times 10^{-6}$	$1.10 \times 10^{-4}$	11.8	PDZ and LIM domain 4
200808_s_at	<i>ZYX</i>	$3.00 \times 10^{-6}$	$7.21 \times 10^{-5}$	11.8	Zyxin
213134_x_at	<i>BTG3</i>	$2.00 \times 10^{-6}$	$6.07 \times 10^{-5}$	11.8	BTG family, member 3
206580_s_at	<i>EFEMP2</i>	$2.79 \times 10^{-5}$	$2.46 \times 10^{-4}$	11.8	EGF-containing fibulin-like extracellular matrix protein 2
208790_s_at	<i>PTRF</i>	$3.30 \times 10^{-6}$	$7.62 \times 10^{-5}$	11.7	Polymerase I and transcript release factor
204298_s_at	<i>LOX</i>	$2.53 \times 10^{-5}$	$2.34 \times 10^{-4}$	11.7	Lysyl oxidase
211458_s_at	<i>GABARAPL3</i>	$1.48 \times 10^{-4}$	$6.11 \times 10^{-4}$	11.6	GABA(A) receptors associated protein like 3 (pseudogene)
201641_at	<i>BST2</i>	$2.40 \times 10^{-6}$	$6.42 \times 10^{-5}$	11.6	Bone marrow stromal cell antigen 2
202075_s_at	<i>PLTP</i>	$2.20 \times 10^{-6}$	$6.26 \times 10^{-5}$	11.5	Phospholipid transfer protein
201348_at	<i>GPX3</i>	$3.60 \times 10^{-6}$	$7.69 \times 10^{-5}$	11.4	Glutathione peroxidase 3 (plasma)
205229_s_at	<i>COCH</i>	$6.50 \times 10^{-6}$	$1.09 \times 10^{-4}$	11.4	Coagulation factor C homolog, cochlin ( <i>Limulus polyphemus</i> )
209537_at	<i>EXTL2</i>	$1.62 \times 10^{-5}$	$1.83 \times 10^{-4}$	11.4	Exostoses (multiple)-like 2
202657_s_at	<i>SERTAD2</i>	$3.21 \times 10^{-5}$	$2.62 \times 10^{-4}$	11.3	SERTA domain containing 2

218537_at	<i>HCFC1R1</i>	$1.45 \times 10^{-5}$	$1.71 \times 10^{-4}$	11.2	Host cell factor C1 regulator 1 (XPO1 dependent)
205924_at	<i>RAB3B</i>	$8.03 \times 10^{-5}$	$4.29 \times 10^{-4}$	11.2	RAB3B, member RAS oncogene family
214091_s_at	<i>GPX3</i>	$3.40 \times 10^{-6}$	$7.62 \times 10^{-5}$	11.0	Glutathione peroxidase 3 (plasma)
201983_s_at	<i>EGFR</i>	$1.76 \times 10^{-5}$	$1.90 \times 10^{-4}$	11.0	Epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)
213924_at	<i>MPPE1</i>	$3.35 \times 10^{-5}$	$2.69 \times 10^{-4}$	11.0	Metallophosphoesterase 1
203085_s_at	<i>TGFB1</i>	$7.80 \times 10^{-6}$	$1.19 \times 10^{-4}$	10.9	Transforming growth factor, $\beta$ 1
220892_s_at	<i>PSAT1</i>	$5.70 \times 10^{-6}$	$1.03 \times 10^{-4}$	10.9	Phosphoserine aminotransferase 1
212358_at	<i>CLIP3</i>	$4.00 \times 10^{-6}$	$7.99 \times 10^{-5}$	10.9	CAP-GLY domain containing linker protein 3
210220_at	<i>FZD2</i>	$2.60 \times 10^{-6}$	$6.67 \times 10^{-5}$	10.8	Frizzled homolog 2 ( <i>Drosophila</i> )
206825_at	<i>OXR</i>	$1.31 \times 10^{-5}$	$1.64 \times 10^{-4}$	10.7	Oxytocin receptor
219806_s_at	<i>C11orf75</i>	$1.16 \times 10^{-5}$	$1.50 \times 10^{-4}$	10.7	Chromosome 11 open reading frame 75
218618_s_at	<i>FNDC3B</i>	$7.00 \times 10^{-6}$	$1.12 \times 10^{-4}$	10.6	Fibronectin type III domain containing 3B
206074_s_at	<i>HMGA1</i>	$3.00 \times 10^{-6}$	$7.21 \times 10^{-5}$	10.5	High mobility group AT-hook 1
209365_s_at	<i>ECM1</i>	$2.40 \times 10^{-6}$	$6.42 \times 10^{-5}$	10.4	Extracellular matrix protein 1
221974_at	<i>IPW</i>	$1.69 \times 10^{-4}$	$6.50 \times 10^{-4}$	10.3	Imprinted in Prader-Willi syndrome (non-protein coding)
206421_s_at	<i>SERPINB7</i>	$6.09 \times 10^{-5}$	$3.68 \times 10^{-4}$	10.3	Serpin peptidase inhibitor, clade B (ovalbumin), member 7
201649_at	<i>UBE2L6</i>	$1.18 \times 10^{-5}$	$1.52 \times 10^{-4}$	10.2	Ubiquitin-conjugating enzyme E2L 6

\*FDR = false discovery rate; MDR/TAP = multidrug resistant/transporter associated with antigen processing; PRKA = protein kinase A; SNRPN = small nuclear ribonucleoprotein polypeptide N; FXYD = FXYD domain-containing ion transport regulator; WW domain = small 38 to 40 amino acid residue modules that have been reported to bind to proline-rich sequences; PALM2-AKAP2 = paralemmin 2 isoform a-A kinase (PRKA) anchor protein 2 isoform 1; CDK4 = cyclin-dependent kinase 4; EF-hand = a high affinity  $\text{Ca}^{+2}$ -binding motif; FGR = Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog; YES = v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1; FOS = FBJ murine osteosarcoma viral oncogene homolog; FK506 = tacrolimus or fujimycin; LIM domains = double zinc fingers; XPO1 = exportin-1; CDC42 = cell division control protein 42 homolog; EGF = epidermal growth factor; IQ motif = uninterrupted seven-turn  $\alpha$ -helix that is amphiphilic; BTG = B-cell translocation gene; NUA1 = AMP-activated protein kinase family member; SNF1 = sucrose nonfermenting; SERTA = p34 (*SEI1*), Replication Protein A Binding Trans-activator 1, and *Drosophila taranis* (*TARA*) motif; MMTV = mouse mammary tumor virus; PDZ = this is a common structural domain of 80-90 amino acids and it is an acronym combining the first letters of three proteins--post synaptic density protein (PSD95), *Drosophila* disc large tumor

suppressor (DlgA), and zonula occludens-1 protein (zo-1); GABA =  $\gamma$ -aminobutyric acid; CAP-GLY domain = glycine-rich domain of about 42 residues found in cytoskeleton-associated proteins.

† Two-sample  $t$  test (with random variance model) was used to discriminate between the MCF-7 and MCF-7/ADR cells. Univariate test random variance model parameters were as follows:  $a = 1.68165$ ;  $b = 14.3422$ ; Kolmogorov–Smirnov statistic = 0.03998. Nominal statistical significance level of each univariate test was .001. All statistical tests were two-sided.