

Online Data Supplement for

**Microarray analysis of regional cellular responses to local mechanical stress in acute lung injury**

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**Supplement Table 1:** 50 ALI-associated or highly-changed genes from Figure 5 with references.

Affy U133A Probe Set ID	Title	Gene Symbol	Gene Identity	REFS	Dep Fold Change	Dep q-value (%)	Nondep Fold Change	Nondep q-value (%)	Difference Fold Change	Difference q-value (%)
220192_x_at	prostate epithelium-specific Ets transcription factor	PDEF			<b>-8.90</b>	0.027	<b>-3.12</b>	0.015	2.96	0.074
203647_s_at	ferredoxin 1	FDX1			<b>-4.38</b>	0.027	<b>2.02</b>	0.015	8.81	0.044
213560_at	growth arrest and DNA-damage-inducible, beta	GADD45B	R	2, 3, 4	<b>-1.78</b>	0.027	<b>1.30</b>	0.015	2.31	0.103
39249_at	aquaporin 3	AQP3	R	2, 3	<b>-1.69</b>	0.027	<b>1.00</b>	q>10%	2.01	0.074
203400_s_at	transferrin	TF	Y	5	<b>-2.26</b>	0.027	<b>-1.24</b>	1.188	1.82	1.843
209101_at	connective tissue growth factor	CTGF			<b>-3.56</b>	0.027	<b>1.00</b>	q>10%	3.69	0.044
203186_s_at	S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog)	S100A4	R	2, 3, 4	<b>-2.76</b>	0.027	<b>1.95</b>	0.015	5.36	0.044
216841_s_at	superoxide dismutase 2, mitochondrial	SOD2			<b>-2.26</b>	9.237	<b>3.77</b>	0.015	10.39	0.103
200090_at	farnesyltransferase, CAAX box, alpha	FNTA			<b>1.00</b>	q>10%	<b>11.01</b>	0.015	10.52	0.044
206432_at	hyaluronan synthase 2	HAS2			<b>3.08</b>	0.027	<b>14.28</b>	0.015	4.51	0.044
202431_s_at	v-myc myelocytomatosis viral oncogene homolog (avian)	MYC	Y	4	<b>1.00</b>	q>10%	<b>9.74</b>	0.015	6.60	0.044
201108_s_at	thrombospondin 1	THBS1	Y	8	<b>2.75</b>	0.027	<b>6.41</b>	0.015	2.33	0.044
212185_x_at	metallothionein 2A	MT2A	R	4	<b>3.50</b>	0.027	<b>8.73</b>	0.015	2.48	0.044
217165_x_at	metallothionein 1F (functional)	MT1F	R	4	<b>3.06</b>	0.027	<b>6.99</b>	0.015	2.29	0.127
217739_s_at	pre-B-cell colony-enhancing factor	PBEF	Y	7	<b>2.82</b>	0.027	<b>6.85</b>	0.015	2.46	0.235
204575_s_at	matrix metalloproteinase 19	MMP19	R	4	<b>1.00</b>	q>10%	<b>3.23</b>	0.015	4.07	0.470
200873_s_at	chaperonin containing TCP1, subunit 8 (theta)	CCT8			<b>1.52</b>	5.494	<b>6.57</b>	0.015	4.31	0.044
201474_s_at	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)	ITGA3			<b>1.00</b>	q>10%	<b>2.84</b>	0.015	2.86	0.044
201417_at	SRY (sex determining region Y)-box 4	SOX4	R	4	<b>1.00</b>	q>10%	<b>2.23</b>	0.015	2.29	0.044
209669_s_at	PAI-1 mRNA-binding protein	PAI-RBP1	R	5	<b>1.00</b>	q>10%	<b>2.71</b>	0.015	2.59	0.044

Affy U133A Probe Set ID	Title	Gene Symbol	Gene Identity	REFS	Dep Fold Change	Dep q-value (%)	Nondep Fold Change	Nondep q-value (%)	Difference Fold Change	Difference q-value (%)
211015_s_at	heat shock 70kDa protein 4	HSPA4	R	1, 2, 3, 4	<b>1.73</b>	0.027	<b>3.88</b>	0.015	2.24	0.044
206115_at	early growth response 3	EGR3	R	6	<b>1.72</b>	0.390	<b>5.29</b>	0.015	3.07	0.044
211571_s_at	chondroitin sulfate proteoglycan 2 (versican)	CSPG2			<b>1.79</b>	0.124	<b>4.87</b>	0.015	2.68	0.044
208815_x_at	heat shock 70kDa protein 4	HSPA4	R	1, 2, 3, 4	<b>1.31</b>	9.237	<b>4.00</b>	0.015	3.06	0.044
218611_at	immediate early response 5	IER5	R	6	<b>1.45</b>	1.116	<b>4.07</b>	0.015	2.80	0.044
201325_s_at	epithelial membrane protein 1	EMP1			<b>1.00</b>	q>10%	<b>4.67</b>	0.015	3.56	0.044
200812_at	chaperonin containing TCP1, subunit 7 (eta)	CCT7			<b>1.00</b>	q>10%	<b>3.76</b>	0.015	3.65	0.044
211936_at	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)	HSPA5	R	1, 2, 3, 4	<b>1.00</b>	q>10%	<b>2.35</b>	0.015	1.76	1.843
216245_at	interleukin 1 receptor antagonist	IL1RN	R	1, 2, 3, 4, 5	<b>2.21</b>	0.124	<b>-2.05</b>	0.015	0.20	0.044
200690_at	heat shock 70kDa protein 9B (mortalin-2)	HSPA9B	R	1, 2, 3, 4	<b>1.52</b>	0.027	<b>-2.14</b>	0.015	0.31	0.044
1405_i_at	chemokine (C-C motif) ligand 5	CCL5	R	2, 3, 4, 5, 6	<b>1.00</b>	q>10%	<b>-1.83</b>	0.015	0.50	0.127
208851_s_at	Thy-1 cell surface antigen	THY1	Y	4	<b>1.00</b>	q>10%	<b>-2.10</b>	0.015	0.47	0.235
213692_s_at	vitamin D (1,25- dihydroxyvitamin D3) receptor	VDR	Y	6	<b>3.28</b>	0.027	<b>1.00</b>	q>10%	0.33	0.044
203676_at	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID)	GNS			<b>4.21</b>	0.027	<b>1.00</b>	q>10%	0.24	0.044
213596_at	caspase 4, apoptosis-related cysteine protease	CASP4	R	6	<b>1.83</b>	0.027	<b>1.00</b>	q>10%	0.45	0.044
207849_at	interleukin 2	IL2			<b>1.88</b>	0.027	<b>-1.29</b>	4.091	0.41	0.044
209774_x_at	chemokine (C-X-C motif) ligand 2	CXCL2	Y	5, 6	<b>1.70</b>	0.027	<b>1.00</b>	q>10%	0.52	0.044
202859_x_at	interleukin 8	IL8	Y	6	<b>1.71</b>	0.027	<b>1.00</b>	q>10%	0.50	0.044
206693_at	interleukin 7	IL7			<b>1.76</b>	0.027	<b>1.00</b>	q>10%	0.64	0.814
207861_at	chemokine (C-C motif) ligand 22	CCL22	R	2, 3, 4, 5, 6	<b>1.96</b>	0.027	<b>1.00</b>	q>10%	0.46	0.044
217955_at	BCL2-like 13 (apoptosis facilitator)	BCL2L13	R	6	<b>1.71</b>	0.027	<b>-1.68</b>	0.015	0.34	0.044

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210549_s_at	chemokine (C-C motif) ligand 23	CCL23	R	2, 3, 4, 5, 6	<b>1.51</b>	1.116	<b>-1.98</b>	0.015	0.33	0.044
206157_at	pentaxin-related gene, rapidly induced by IL-1 beta	PTX3	Y	6	<b>1.73</b>	0.027	<b>1.00</b>	q>10%	0.56	1.049
204780_s_at	tumor necrosis factor receptor superfamily, member 6	TNFRSF6	R	6	<b>1.00</b>	q>10%	<b>-1.79</b>	0.015	0.46	0.074
217489_s_at	interleukin 6 receptor	IL6R	R	2, 3, 4, 5, 6	<b>1.54</b>	1.116	<b>-1.90</b>	0.015	0.34	0.044
201208_s_at	tumor necrosis factor, alpha-induced protein 1 (endothelial)	TNFAIP1	R	6	<b>1.71</b>	0.027	<b>-2.05</b>	0.015	0.29	0.044
204116_at	interleukin 2 receptor, gamma (severe combined immunodeficiency)	IL2RG			<b>1.00</b>	q>10%	<b>-2.09</b>	0.015	0.55	0.127
214391_x_at	prostaglandin E receptor 1 (subtype EP1), 42kDa	PTGER1			<b>1.89</b>	4.440	<b>-3.14</b>	0.015	0.17	0.044
205685_at	CD86 antigen (CD28 antigen ligand 2, B7-2 antigen)	CD86			<b>13.18</b>	0.027	<b>-2.30</b>	1.731	0.03	0.044
206952_at	glucose-6-phosphatase, catalytic (glycogen storage disease type I, von Gierke disease)	G6PC			<b>12.59</b>	0.027	<b>-12.63</b>	0.015	0.00	0.044

Dep, dependent base lung region; Nondep, nondependent base lung region; q, False discovery rate; REFS, references  
Gene Identity:

Y= gene directly identified in literature

R= closely related to identified gene

References:

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**Supplement Table 2:** Extended list of 294 ALI-related or highly-changed genes between Dependent and Non-Dependent Base

Affy U133A Probe Set ID	Title	Gene Symbol	Dep Fold Change	Dep q-value (%)	Nondep Fold Change	Nondep q-value (%)	Difference Fold Change	Difference q-value (%)
200982_s_at	annexin A6	ANXA6	<b>1.00</b>	q>10%	<b>2.77</b>	0.015	3.08	0.044
39249_at	aquaporin 3	AQP3	<b>-1.69</b>	0.027	<b>1.00</b>	q>10%	2.01	0.074
205239_at	amphiregulin (schwannoma-derived growth factor)	AREG	<b>1.90</b>	0.027	<b>1.00</b>	q>10%	0.55	0.235
205446_s_at	activating transcription factor 2	ATF2	<b>1.00</b>	q>10%	<b>-2.74</b>	0.015	0.34	0.044
217955_at	BCL2-like 13 (apoptosis facilitator)	BCL2L13	<b>1.71</b>	0.027	<b>-1.68</b>	0.015	0.34	0.044
221530_s_at	basic helix-loop-helix domain containing, class B, 3	BHLHB3	<b>-1.35</b>	9.237	<b>-2.23</b>	0.015	0.60	0.127
213596_at	caspase 4, apoptosis-related cysteine protease	CASP4	<b>1.83</b>	0.027	<b>1.00</b>	q>10%	0.45	0.044
207861_at	chemokine (C-C motif) ligand 22	CCL22	<b>1.96</b>	0.027	<b>1.00</b>	q>10%	0.46	0.044
210549_s_at	chemokine (C-C motif) ligand 23	CCL23	<b>1.51</b>	1.116	<b>-1.98</b>	0.015	0.33	0.044
1405_i_at	chemokine (C-C motif) ligand 5	CCL5	<b>1.00</b>	q>10%	<b>-1.83</b>	0.015	0.50	0.127
203522_at	copper chaperone for superoxide dismutase	CCS	<b>-2.66</b>	0.027	<b>1.00</b>	q>10%	2.51	0.044
200812_at	chaperonin containing TCP1, subunit 7 (eta)	CCT7	<b>1.00</b>	q>10%	<b>3.76</b>	0.015	3.65	0.044
200873_s_at	chaperonin containing TCP1, subunit 8 (theta)	CCT8	<b>1.52</b>	5.494	<b>6.57</b>	0.015	4.31	0.044
213539_at	CD3D antigen, delta polypeptide (TiT3 complex)	CD3D	<b>1.00</b>	q>10%	<b>-2.47</b>	0.015	0.57	1.843
205685_at	CD86 antigen (CD28 antigen ligand 2, B7-2 antigen)	CD86	<b>13.18</b>	0.027	<b>-2.30</b>	1.731	0.03	0.044
203663_s_at	cytochrome c oxidase subunit Va	COX5A	<b>1.00</b>	q>10%	<b>2.81</b>	0.015	2.75	0.044
214508_x_at	cAMP responsive element modulator	CREM	<b>1.35</b>	9.237	<b>3.20</b>	0.015	2.36	0.044
205081_at	cysteine-rich protein 1 (intestinal)	CRIP1	<b>1.00</b>	q>10%	<b>2.86</b>	0.015	2.87	0.044
211571_s_at	chondroitin sulfate proteoglycan 2 (versican)	CSPG2	<b>1.79</b>	0.124	<b>4.87</b>	0.015	2.68	0.044
209101_at	connective tissue growth factor	CTGF	<b>-3.56</b>	0.027	<b>1.00</b>	q>10%	3.69	0.044
200838_at	cathepsin B	CTSB	<b>-2.68</b>	0.027	<b>1.79</b>	0.015	4.64	0.044

<b>Affy U133A Probe Set ID</b>	<b>Title</b>	<b>Gene Symbol</b>	<b>Dep Fold Change</b>	<b>Dep q- value (%)</b>	<b>Nondep Fold Change</b>	<b>Nondep q- value (%)</b>	<b>Difference Fold Change</b>	<b>Difference q-value (%)</b>
209774_x_at	chemokine (C-X-C motif) ligand 2	CXCL2	<b>1.70</b>	0.027	<b>1.00</b>	q>10%	0.52	0.044
219903_s_at	cytochrome P450, family 2, subfamily C, polypeptide 8	CYP2C8	<b>3.67</b>	0.027	<b>1.76</b>	0.015	0.48	0.044
206324_s_at	death-associated protein kinase 2	DAPK2	<b>2.60</b>	0.027	<b>1.00</b>	q>10%	0.47	0.044
201241_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 1	DDX1	<b>1.00</b>	q>10%	<b>2.80</b>	0.015	3.39	0.044
208719_s_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	DDX17	<b>-1.91</b>	0.232	<b>-3.83</b>	0.015	0.49	0.587
213998_s_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	DDX17	<b>1.00</b>	q>10%	<b>-3.11</b>	0.015	0.40	0.103
221780_s_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 27	DDX27	<b>1.35</b>	1.862	<b>2.88</b>	0.015	2.14	0.044
221699_s_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	DDX50	<b>1.00</b>	q>10%	<b>2.81</b>	0.015	3.55	0.044
216338_s_at	DKFZP566C243 protein	DKFZP566C243	<b>1.00</b>	q>10%	<b>-3.23</b>	0.015	0.27	0.074
214338_at	DnaJ (Hsp40) homolog, subfamily B, member 12	DNAJB12	<b>1.74</b>	1.862	<b>-1.68</b>	0.015	0.34	0.044
203811_s_at	DnaJ (Hsp40) homolog, subfamily B, member 4	DNAJB4	<b>-2.72</b>	0.027	<b>1.00</b>	q>10%	2.31	0.327
215982_s_at	dom-3 homolog Z (C. elegans)	DOM3Z	<b>-3.00</b>	0.027	<b>-1.46</b>	0.015	2.06	1.049
40489_at	dentatorubral-pallidoluysian atrophy (atrophin-1)	DRPLA	<b>-1.41</b>	4.440	<b>-3.30</b>	0.015	0.44	0.470
202970_at	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	DYRK2	<b>3.75</b>	0.027	<b>1.00</b>	q>10%	0.27	0.044
218524_at	E4F transcription factor 1	E4F1	<b>-2.69</b>	0.027	<b>1.50</b>	4.091	4.03	0.044
203355_s_at	ADP-ribosylation factor guanine nucleotide factor 6	EFA6R	<b>1.00</b>	q>10%	<b>-2.75</b>	0.015	0.37	0.470
206115_at	early growth response 3	EGR3	<b>1.72</b>	0.390	<b>5.29</b>	0.015	3.07	0.044
205321_at	eukaryotic translation initiation factor 2, subunit 3 gamma, 52kDa	EIF2S3	<b>-1.87</b>	0.027	<b>1.93</b>	0.015	3.58	0.044
208756_at	eukaryotic translation initiation factor 3, subunit 2 beta, 36kDa	EIF3S2	<b>1.43</b>	0.027	<b>2.72</b>	0.015	1.90	0.044

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200005_at	eukaryotic translation initiation factor 3, subunit 7 zeta, 66/67kDa	EIF3S7	<b>1.00</b>	q>10%	<b>2.64</b>	0.015	2.40	0.044
211787_s_at	eukaryotic translation initiation factor 4A, isoform 1	EIF4A1	<b>1.33</b>	5.494	<b>3.90</b>	0.015	2.93	0.044
201437_s_at	eukaryotic translation initiation factor 4E	EIF4E	<b>1.56</b>	0.608	<b>4.13</b>	0.015	2.65	0.044
208708_x_at	eukaryotic translation initiation factor 5	EIF5	<b>1.00</b>	q>10%	<b>2.98</b>	0.015	2.28	0.127
208290_s_at	eukaryotic translation initiation factor 5	EIF5	<b>1.00</b>	q>10%	<b>2.87</b>	0.015	2.67	0.044
219134_at	EGF, latrophilin and seven transmembrane domain containing 1	ELTD1	<b>1.00</b>	q>10%	<b>2.78</b>	0.015	3.26	0.044
201325_s_at	epithelial membrane protein 1	EMP1	<b>1.00</b>	q>10%	<b>4.67</b>	0.015	3.56	0.044
200043_at	enhancer of rudimentary homolog (Drosophila)	ERH	<b>1.00</b>	q>10%	<b>3.56</b>	0.015	2.89	0.327
221911_at	ets variant gene 1	ETV1	<b>-1.58</b>	0.027	<b>-4.49</b>	0.015	0.35	0.044
204503_at	envoplakin	EVPL	<b>1.20</b>	11.714	<b>-2.71</b>	0.015	0.31	0.044
218080_x_at	Fas (TNFRSF6) associated factor 1	FAF1	<b>1.00</b>	q>10%	<b>2.54</b>	0.015	2.89	0.103
208143_s_at	family with sequence similarity 12, member A	FAM12A	<b>1.00</b>	q>10%	<b>-2.66</b>	0.015	0.32	0.044
203647_s_at	ferredoxin 1	FDX1	<b>-4.38</b>	0.027	<b>2.02</b>	0.015	8.81	0.044
205650_s_at	fibrinogen, A alpha polypeptide	FGA	<b>1.74</b>	0.027	<b>1.00</b>	q>10%	0.45	0.044
40850_at	FK506 binding protein 8, 38kDa	FKBP8	<b>-6.58</b>	0.027	<b>-2.55</b>	0.015	2.58	0.044
212024_x_at	flightless I homolog (Drosophila)	FLII	<b>-2.62</b>	0.027	<b>1.55</b>	4.091	4.06	0.044
216407_at	hypothetical protein FLJ10305	FLJ10305	<b>-2.76</b>	0.232	<b>1.87</b>	2.607	4.82	0.044
218594_at	hypothetical protein FLJ10359	FLJ10359	<b>1.00</b>	q>10%	<b>2.56</b>	0.015	2.34	0.103
218910_at	hypothetical protein FLJ10375	FLJ10375	<b>1.00</b>	q>10%	<b>-3.18</b>	0.015	0.48	0.074
217613_at	hypothetical protein FLJ11155	FLJ11155	<b>1.00</b>	q>10%	<b>-2.96</b>	0.015	0.50	0.103
220798_x_at	hypothetical protein FLJ11535	FLJ11535	<b>-3.35</b>	0.027	<b>1.00</b>	q>10%	3.19	0.044
219136_s_at	hypothetical protein FLJ12681	FLJ12681	<b>2.56</b>	0.027	<b>-1.80</b>	0.015	0.22	0.044
218891_at	hypothetical protein FLJ13114	FLJ13114	<b>-5.18</b>	0.027	<b>1.00</b>	q>10%	5.82	0.044
212478_at	hypothetical protein FLJ13910	FLJ13910	<b>1.00</b>	q>10%	<b>-2.81</b>	0.015	0.40	0.044
58994_at	putative NFkB activating protein	FLJ20241	<b>-1.43</b>	0.027	<b>-2.53</b>	0.015	0.57	0.044
220685_at	hypothetical protein FLJ20506	FLJ20506	<b>-3.83</b>	0.027	<b>1.00</b>	q>10%	6.00	0.044
219558_at	hypothetical protein FLJ20986	FLJ20986	<b>1.00</b>	q>10%	<b>3.67</b>	0.015	2.55	0.587

Affy U133A Probe Set ID	Title	Gene Symbol	Dep Fold Change	Dep q-value (%)	Nondep Fold Change	Nondep q-value (%)	Difference Fold Change	Difference q-value (%)
220920_at	hypothetical protein FLJ21477	FLJ21477	<b>1.00</b>	q>10%	<b>-3.75</b>	0.015	0.25	0.074
220656_at	hypothetical protein FLJ22054	FLJ22054	<b>1.00</b>	q>10%	<b>-3.05</b>	0.015	0.31	0.044
219176_at	hypothetical protein FLJ22555	FLJ22555	<b>1.31</b>	6.941	<b>2.55</b>	0.015	1.94	0.235
210957_s_at	fragile X mental retardation 2	FMR2	<b>1.00</b>	q>10%	<b>2.77</b>	0.015	2.30	0.044
218053_at	formin binding protein 3	FNBP3	<b>1.00</b>	q>10%	<b>2.87</b>	0.015	2.80	0.044
200090_at	farnesyltransferase, CAAX box, alpha	FNTA	<b>1.00</b>	q>10%	<b>11.01</b>	0.015	10.52	0.044
221333_at	forkhead box P3	FOXP3	<b>3.29</b>	0.027	<b>1.00</b>	q>10%	0.28	0.044
207178_s_at	fyn-related kinase	FRK	<b>2.53</b>	0.027	<b>1.00</b>	q>10%	0.35	0.044
201503_at	Ras-GTPase-activating protein SH3-domain-binding protein	G3BP	<b>2.70</b>	0.027	<b>5.37</b>	0.015	1.99	0.103
206952_at	glucose-6-phosphatase, catalytic (glycogen storage disease type I, von Gierke disease)	G6PC	<b>12.59</b>	0.027	<b>-12.63</b>	0.015	0.00	0.044
202231_at	dendritic cell protein	GA17	<b>1.46</b>	0.390	<b>2.88</b>	0.015	1.98	0.044
202232_s_at	dendritic cell protein	GA17	<b>1.00</b>	q>10%	<b>2.64</b>	0.015	2.21	0.044
213560_at	growth arrest and DNA-damage-inducible, beta	GADD45B	<b>-1.78</b>	0.027	<b>1.30</b>	0.015	2.31	0.103
203560_at	gamma-glutamyl hydrolase (conjugase, folylpolyglutamyl hydrolase)	GGH	<b>1.00</b>	q>10%	<b>3.04</b>	0.015	2.08	0.327
221510_s_at	glutaminase	GLS	<b>1.00</b>	q>10%	<b>5.42</b>	0.015	6.45	0.044
203676_at	glucosamine (N-acetyl)-6-sulfatase (Sanfilippo disease IIID)	GNS	<b>4.21</b>	0.027	<b>1.00</b>	q>10%	0.24	0.044
202756_s_at	glypican 1	GPC1	<b>1.00</b>	q>10%	<b>-3.05</b>	0.015	0.49	0.587
209470_s_at	glycoprotein M6A	GPM6A	<b>-1.45</b>	0.390	<b>-2.57</b>	0.015	0.56	0.587
206709_x_at	glutamic-pyruvate transaminase (alanine aminotransferase)	GPT	<b>-5.13</b>	0.027	<b>-1.65</b>	2.607	3.26	0.470
201035_s_at	L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain	HADHSC	<b>-1.46</b>	6.941	<b>-3.05</b>	0.015	0.48	0.044
206432_at	hyaluronan synthase 2	HAS2	<b>3.08</b>	0.027	<b>14.28</b>	0.015	4.51	0.044
204848_x_at	hemoglobin, gamma A	HBG1	<b>-2.92</b>	0.027	<b>1.00</b>	q>10%	3.45	0.044
202474_s_at	host cell factor C1 (VP16-accessory protein)	HCFC1	<b>1.00</b>	q>10%	<b>-2.67</b>	0.015	0.54	1.843

Affy U133A Probe Set ID	Title	Gene Symbol	Dep Fold Change	Dep q-value (%)	Nondep Fold Change	Nondep q-value (%)	Difference Fold Change	Difference q-value (%)
203711_s_at	3-hydroxyisobutyryl-Coenzyme A hydrolase	HIBCH	<b>2.84</b>	0.027	<b>-3.02</b>	0.015	0.12	0.044
205580_s_at	histamine receptor H1	HRH1	<b>2.63</b>	0.027	<b>1.00</b>	q>10%	0.36	0.044
206445_s_at	HMT1 hnRNP methyltransferase-like 2 (S. cerevisiae)	HRMT1L2	<b>1.91</b>	0.027	<b>4.78</b>	0.015	2.50	0.044
209657_s_at	heat shock transcription factor 2	HSF2	<b>-2.69</b>	0.027	<b>-1.28</b>	2.607	2.10	0.044
208757_at	gp25L2 protein	HSGP25L2G	<b>1.81</b>	0.027	<b>-4.10</b>	0.015	0.14	0.044
210189_at	heat shock 70kDa protein 1-like	HSPA1L	<b>1.00</b>	q>10%	<b>-3.03</b>	0.015	0.28	0.044
208815_x_at	heat shock 70kDa protein 4	HSPA4	<b>1.31</b>	9.237	<b>4.00</b>	0.015	3.06	0.044
211015_s_at	heat shock 70kDa protein 4	HSPA4	<b>1.73</b>	0.027	<b>3.88</b>	0.015	2.24	0.044
211936_at	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)	HSPA5	<b>1.00</b>	q>10%	<b>2.35</b>	0.015	1.76	1.843
200690_at	heat shock 70kDa protein 9B (mortalin-2)	HSPA9B	<b>1.52</b>	0.027	<b>-2.14</b>	0.015	0.31	0.044
218348_s_at	zinc-finger protein AY163807	HSPC055	<b>-2.64</b>	0.027	<b>1.00</b>	q>10%	2.83	0.127
209328_x_at	hypothetical protein HSPC111	HSPC111	<b>3.75</b>	0.027	<b>-1.21</b>	6.108	0.22	0.044
201655_s_at	heparan sulfate proteoglycan 2 (perlecan)	HSPG2	<b>-2.55</b>	0.027	<b>1.00</b>	q>10%	2.43	0.044
204883_s_at	HUS1 checkpoint homolog (S. pombe)	HUS1	<b>3.11</b>	0.027	<b>-1.84</b>	0.015	0.17	0.044
207826_s_at	inhibitor of DNA binding 3, dominant negative helix-loop-helix protein	ID3	<b>-5.06</b>	0.027	<b>1.00</b>	q>10%	5.07	0.044
201631_s_at	immediate early response 3	IER3	<b>1.32</b>	0.027	<b>-1.65</b>	0.015	0.46	0.044
218611_at	immediate early response 5	IER5	<b>1.45</b>	1.116	<b>4.07</b>	0.015	2.80	0.044
201027_s_at	translation initiation factor IF2	IF2	<b>1.00</b>	q>10%	<b>3.22</b>	0.015	2.60	0.103
211145_x_at	interferon, alpha 21	IFNA21	<b>1.00</b>	q>10%	<b>-2.58</b>	0.015	0.47	0.044
205227_at	interleukin 1 receptor accessory protein	IL1RAP	<b>2.24</b>	0.027	<b>1.00</b>	q>10%	0.39	0.044
216245_at	interleukin 1 receptor antagonist	IL1RN	<b>2.21</b>	0.124	<b>-2.05</b>	0.015	0.20	0.044
207849_at	interleukin 2	IL2	<b>1.88</b>	0.027	<b>-1.29</b>	4.091	0.41	0.044
204116_at	interleukin 2 receptor, gamma (severe combined immunodeficiency)	IL2RG	<b>1.00</b>	q>10%	<b>-2.09</b>	0.015	0.55	0.127
210744_s_at	interleukin 5 receptor, alpha	IL5RA	<b>-1.75</b>	1.116	<b>1.00</b>	q>10%	2.15	0.103
217489_s_at	interleukin 6 receptor	IL6R	<b>1.54</b>	1.116	<b>-1.90</b>	0.015	0.34	0.044
206693_at	interleukin 7	IL7	<b>1.76</b>	0.027	<b>1.00</b>	q>10%	0.64	0.814
202859_x_at	interleukin 8	IL8	<b>1.71</b>	0.027	<b>1.00</b>	q>10%	0.50	0.044

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200052_s_at	interleukin enhancer binding factor 2, 45kDa	ILF2	<b>1.00</b>	q>10%	<b>2.55</b>	0.015	2.33	0.074
202993_at	ilvB (bacterial acetolactate synthase)-like	ILVBL	<b>-3.12</b>	0.027	<b>-1.63</b>	0.070	1.92	0.074
211054_at	inversin	INVS	<b>1.00</b>	q>10%	<b>-2.81</b>	0.070	0.22	0.127
210239_at	iroquois homeobox protein 5	IRX5	<b>-3.40</b>	0.027	<b>-6.48</b>	0.015	0.51	1.843
201474_s_at	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)	ITGA3	<b>1.00</b>	q>10%	<b>2.84</b>	0.015	2.86	0.044
216958_s_at	isovaleryl Coenzyme A dehydrogenase	IVD	<b>1.00</b>	q>10%	<b>2.67</b>	0.015	3.13	0.044
214326_x_at	jun D proto-oncogene	JUND	<b>-2.81</b>	0.027	<b>1.00</b>	q>10%	1.99	0.074
208564_at	potassium voltage-gated channel, shaker-related subfamily, member 2	KCNA2	<b>1.00</b>	q>10%	<b>-3.45</b>	0.015	0.28	0.074
215805_at	KIAA0052 protein	KIAA0052	<b>1.00</b>	q>10%	<b>2.59</b>	0.015	3.03	0.235
207189_s_at	KIAA0399 protein	KIAA0399	<b>-2.96</b>	0.027	<b>1.00</b>	q>10%	2.03	0.074
201854_s_at	KIAA0431 protein	KIAA0431	<b>-2.63</b>	0.027	<b>1.00</b>	q>10%	2.51	1.843
212553_at	KIAA0460 protein	KIAA0460	<b>5.25</b>	0.027	<b>1.00</b>	q>10%	0.12	0.044
213745_at	KIAA0534 protein	KIAA0534	<b>1.37</b>	4.440	<b>-2.56</b>	0.015	0.28	0.044
221831_at	KIAA0601 protein	KIAA0601	<b>1.00</b>	q>10%	<b>3.06</b>	0.015	3.08	0.103
212134_at	KIAA0638 protein	KIAA0638	<b>-3.46</b>	0.027	<b>1.65</b>	4.091	5.67	0.044
209021_x_at	KIAA0652 gene product	KIAA0652	<b>-3.17</b>	0.027	<b>3.70</b>	0.015	10.16	0.044
204094_s_at	KIAA0669 gene product	KIAA0669	<b>1.42</b>	1.116	<b>2.52</b>	0.015	1.78	0.044
216913_s_at	KIAA0690 protein	KIAA0690	<b>1.00</b>	q>10%	<b>-4.82</b>	0.015	0.28	0.378
216634_at	KIAA1069 protein	KIAA1069	<b>1.70</b>	0.027	<b>-2.56</b>	0.015	0.23	0.044
212048_s_at	KIAA1522 protein	KIAA1522	<b>1.62</b>	0.027	<b>2.79</b>	0.015	1.72	0.378
216641_s_at	ladinin 1	LAD1	<b>2.90</b>	0.027	<b>1.00</b>	q>10%	0.27	0.044
219058_x_at	lipocalin 7	LCN7	<b>1.87</b>	0.027	<b>-1.56</b>	0.015	0.34	0.044
221994_at	LIM protein (similar to rat protein kinase C-binding enigma)	LIM	<b>2.62</b>	0.027	<b>1.00</b>	q>10%	0.35	0.044
200706_s_at	lipopolysaccharide-induced TNF factor	LITAF	<b>1.37</b>	3.430	<b>-2.14</b>	0.015	0.34	0.044
203411_s_at	lamin A/C	LMNA	<b>1.00</b>	q>10%	<b>2.97</b>	0.015	2.50	0.235
216721_at	hypothetical protein LOC253512	LOC253512	<b>1.00</b>	q>10%	<b>-2.64</b>	0.015	0.56	0.470
222060_at	hypothetical protein LOC90133	LOC90133	<b>1.28</b>	11.714	<b>2.62</b>	0.015	2.06	0.470
205606_at	low density lipoprotein receptor-related	LRP6	<b>-2.88</b>	0.027	<b>-1.72</b>	0.015	1.67	0.235

Affy U133A Probe Set ID	Title	Gene Symbol	Dep Fold Change	Dep q- value (%)	Nondep Fold Change	Nondep q- value (%)	Difference Fold Change	Difference q-value (%)
	protein 6							
209841_s_at	leucine rich repeat neuronal 3	LRRN3	<b>-1.71</b>	0.027	<b>-2.97</b>	0.015	0.58	0.327
90610_at	leucine rich repeat neuronal 4	LRRN4	<b>-2.72</b>	0.027	<b>1.00</b>	q>10%	2.74	0.235
215967_s_at	lymphocyte antigen 9	LY9	<b>1.00</b>	q>10%	<b>-2.87</b>	0.015	0.43	0.044
36711_at	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	MAFF	<b>1.00</b>	q>10%	<b>2.83</b>	0.015	2.85	0.044
210482_x_at	mitogen-activated protein kinase kinase 5	MAP2K5	<b>-1.77</b>	0.027	<b>-2.78</b>	0.015	0.64	0.470
206571_s_at	mitogen-activated protein kinase kinase kinase kinase 4	MAP4K4	<b>2.61</b>	0.027	<b>4.37</b>	0.015	1.68	1.843
202889_x_at	microtubule-associated protein 7	MAP7	<b>-2.67</b>	0.027	<b>1.00</b>	q>10%	3.74	0.044
207121_s_at	mitogen-activated protein kinase 6	MAPK6	<b>1.00</b>	q>10%	<b>3.80</b>	0.015	3.38	0.044
205018_s_at	muscleblind-like 2 (Drosophila)	MBNL2	<b>-4.39</b>	0.027	<b>-1.45</b>	1.188	2.97	0.127
209087_x_at	melanoma cell adhesion molecule	MCAM	<b>1.00</b>	q>10%	<b>-2.98</b>	0.015	0.32	0.044
218061_at	male-enhanced antigen	MEA	<b>-1.35</b>	3.430	<b>-2.74</b>	0.015	0.49	0.044
219585_at	hypothetical protein MGC1203	MGC1203	<b>-2.77</b>	0.027	<b>1.00</b>	q>10%	4.66	0.044
213422_s_at	hypothetical protein MGC3047	MGC3047	<b>1.00</b>	q>10%	<b>-2.63</b>	0.169	0.35	0.074
221959_at	hypothetical protein MGC39325	MGC39325	<b>2.67</b>	0.027	<b>-1.33</b>	0.015	0.28	0.044
218317_x_at	hypothetical protein MGC5178	MGC5178	<b>1.00</b>	q>10%	<b>-2.74</b>	0.015	0.49	0.044
204575_s_at	matrix metalloproteinase 19	MMP19	<b>1.00</b>	q>10%	<b>3.23</b>	0.015	4.07	0.470
49679_s_at	matrix metalloproteinase 24 (membrane- inserted)	MMP24	<b>1.87</b>	0.027	<b>-1.31</b>	0.070	0.41	0.044
213727_x_at	metallo phosphoesterase	MPPE1	<b>2.98</b>	0.027	<b>-1.43</b>	0.306	0.24	0.044
219819_s_at	mitochondrial ribosomal protein S28	MRPS28	<b>1.00</b>	q>10%	<b>5.36</b>	0.015	7.10	0.044
205887_x_at	mutS homolog 3 (E. coli)	MSH3	<b>2.51</b>	0.124	<b>-2.70</b>	0.015	0.15	0.044
217165_x_at	metallothionein 1F (functional)	MT1F	<b>3.06</b>	0.027	<b>6.99</b>	0.015	2.29	0.127
204745_x_at	metallothionein 1G	MT1G	<b>2.11</b>	0.027	<b>4.10</b>	0.015	1.93	1.843
206461_x_at	metallothionein 1H	MT1H	<b>2.26</b>	0.027	<b>5.50</b>	0.015	2.44	0.074
208581_x_at	metallothionein 1X	MT1X	<b>2.49</b>	0.027	<b>4.89</b>	0.015	1.96	0.814
204326_x_at	metallothionein 1X	MT1X	<b>2.50</b>	0.027	<b>4.92</b>	0.015	1.97	0.814
212185_x_at	metallothionein 2A	MT2A	<b>3.50</b>	0.027	<b>8.73</b>	0.015	2.48	0.044
214649_s_at	myotubularin related protein 2	MTMR2	<b>1.00</b>	q>10%	<b>-2.69</b>	0.015	0.41	0.814

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202431_s_at	v-myc myelocytomatosis viral oncogene homolog (avian)	MYC	<b>1.00</b>	q>10%	<b>9.74</b>	0.015	6.60	0.044
214355_x_at	similar to Meningioma-expressed antigen 6/11 (MEA6) (MEA11)	na	<b>1.00</b>	q>10%	<b>-2.64</b>	0.015	0.42	0.378
215880_at	N-acetylglucosaminidase, alpha- (Sanfilippo disease IIIB)	NAGLU	<b>1.00</b>	q>10%	<b>-3.67</b>	0.015	0.33	0.044
206797_at	N-acetyltransferase 2 (arylamine N-acetyltransferase)	NAT2	<b>2.85</b>	0.027	<b>1.00</b>	q>10%	0.41	0.044
200610_s_at	nucleolin	NCL	<b>1.33</b>	0.027	<b>2.62</b>	0.015	1.98	0.127
206453_s_at	NDRG family member 2	NDRG2	<b>-1.67</b>	0.027	<b>-3.44</b>	0.015	0.49	0.074
221691_x_at	nucleophosmin (nucleolar phosphoprotein B23, numatrin)	NPM1	<b>1.61</b>	9.237	<b>3.11</b>	0.015	1.93	0.044
209750_at	nuclear receptor subfamily 1, group D, member 2	NR1D2	<b>-2.96</b>	0.027	<b>1.00</b>	q>10%	2.65	0.044
210530_s_at	nuclear receptor subfamily 2, group C, member 1	NR2C1	<b>2.38</b>	0.027	<b>-2.90</b>	0.015	0.14	0.044
204622_x_at	nuclear receptor subfamily 4, group A, member 2	NR4A2	<b>1.00</b>	q>10%	<b>4.35</b>	0.015	4.53	0.044
204621_s_at	nuclear receptor subfamily 4, group A, member 2	NR4A2	<b>1.00</b>	q>10%	<b>4.11</b>	0.015	4.89	0.044
216248_s_at	nuclear receptor subfamily 4, group A, member 2	NR4A2	<b>1.00</b>	q>10%	<b>2.97</b>	0.015	2.53	0.044
217834_s_at	NS1-associated protein 1	NSAP1	<b>1.48</b>	0.027	<b>2.88</b>	0.015	1.95	0.044
209025_s_at	NS1-associated protein 1	NSAP1	<b>1.00</b>	q>10%	<b>3.82</b>	0.015	2.82	0.044
218256_s_at	nucleoporin 54kDa	NUP54	<b>2.07</b>	0.027	<b>-3.60</b>	0.015	0.13	0.044
200790_at	ornithine decarboxylase 1	ODC1	<b>1.00</b>	q>10%	<b>3.27</b>	0.015	2.65	0.044
203228_at	platelet-activating factor acetylhydrolase, isoform Ib, gamma subunit 29kDa	PAFAH1B3	<b>-1.77</b>	0.027	<b>-3.44</b>	0.015	0.51	0.044
209669_s_at	PAI-1 mRNA-binding protein	PAI-RBP1	<b>1.00</b>	q>10%	<b>2.71</b>	0.015	2.59	0.044
221251_x_at	PAP-1 binding protein	PAPA-1	<b>-3.81</b>	0.027	<b>-1.96</b>	1.731	1.96	0.103
217739_s_at	pre-B-cell colony-enhancing factor	PBEF	<b>2.82</b>	0.027	<b>6.85</b>	0.015	2.46	0.235
214512_s_at	activated RNA polymerase II transcription cofactor 4	PC4	<b>1.00</b>	q>10%	<b>2.52</b>	0.015	2.47	0.103

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203415_at	programmed cell death 6	PDCD6	<b>1.00</b>	q>10%	<b>2.58</b>	0.015	2.56	0.044
220192_x_at	prostate epithelium-specific Ets transcription factor	PDEF	<b>-8.90</b>	0.027	<b>-3.12</b>	0.015	2.96	0.074
205361_s_at	prefoldin 4	PFDN4	<b>1.00</b>	q>10%	<b>2.97</b>	0.015	2.37	0.044
205061_s_at	polymyositis/scleroderma autoantigen 1, 75kDa	PMSCL1	<b>3.27</b>	0.027	<b>1.63</b>	0.015	0.50	1.049
205811_at	polymerase (DNA directed), gamma 2, accessory subunit	POLG2	<b>2.55</b>	0.027	<b>1.00</b>	q>10%	0.38	0.044
214144_at	polymerase (RNA) II (DNA directed) polypeptide D	POLR2D	<b>1.00</b>	q>10%	<b>-2.67</b>	0.015	0.31	0.044
210830_s_at	paraoxonase 2	PON2	<b>-1.52</b>	3.430	<b>-3.02</b>	0.015	0.51	0.814
217848_s_at	pyrophosphatase (inorganic)	PP	<b>1.60</b>	0.027	<b>4.65</b>	0.015	2.90	0.044
203496_s_at	PPAR binding protein	PPARBP	<b>1.00</b>	q>10%	<b>2.82</b>	0.015	2.65	0.470
204186_s_at	peptidylprolyl isomerase D (cyclophilin D)	PPID	<b>1.94</b>	0.027	<b>1.00</b>	q>10%	0.58	0.378
204228_at	peptidyl prolyl isomerase H (cyclophilin H)	PPIH	<b>1.00</b>	q>10%	<b>-3.10</b>	0.015	0.40	0.327
215195_at	protein kinase C, alpha	PRKCA	<b>-4.86</b>	0.027	<b>1.00</b>	q>10%	7.54	0.044
204795_at	proline-rich polypeptide 3	PRR3	<b>2.00</b>	0.027	<b>5.72</b>	0.015	2.88	0.044
201067_at	proteasome (prosome, macropain) 26S subunit, ATPase, 2	PSMC2	<b>3.81</b>	0.027	<b>1.00</b>	q>10%	0.23	0.044
201252_at	proteasome (prosome, macropain) 26S subunit, ATPase, 4	PSMC4	<b>1.00</b>	q>10%	<b>3.50</b>	0.015	3.89	0.044
210460_s_at	proteasome (prosome, macropain) 26S subunit, non-ATPase, 4	PSMD4	<b>-4.15</b>	0.027	<b>1.00</b>	q>10%	2.90	0.044
214391_x_at	prostaglandin E receptor 1 (subtype EP1), 42kDa	PTGER1	<b>1.89</b>	4.440	<b>-3.14</b>	0.015	0.17	0.044
210355_at	parathyroid hormone-like hormone	PTH1H	<b>1.00</b>	q>10%	<b>2.66</b>	0.015	2.61	0.044
200636_s_at	protein tyrosine phosphatase, receptor type, F	PTPRF	<b>1.00</b>	q>10%	<b>-3.08</b>	0.015	0.24	0.044
206157_at	pentaxin-related gene, rapidly induced by IL-1 beta	PTX3	<b>1.73</b>	0.027	<b>1.00</b>	q>10%	0.56	1.049
219412_at	RAB38, member RAS oncogene family	RAB38	<b>1.42</b>	6.941	<b>-1.72</b>	0.015	0.41	0.074
212932_at	RAB3 GTPase-ACTIVATING PROTEIN	RAB3GAP	<b>1.77</b>	0.027	<b>1.00</b>	q>10%	0.55	0.074
216057_at	rab3 GTPase-activating protein, non-	RAB3-	<b>1.00</b>	q>10%	<b>-3.17</b>	0.015	0.24	0.044

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	catalytic subunit (150kD)	GAP150						
202483_s_at	RAN binding protein 1	RANBP1	<b>1.61</b>	0.608	<b>3.07</b>	0.015	1.92	0.814
219286_s_at	RNA binding motif protein 15	RBM15	<b>1.00</b>	q>10%	<b>2.93</b>	0.015	2.43	0.044
207737_at	RNA binding protein with multiple splicing	RBPMS	<b>1.00</b>	q>10%	<b>-2.84</b>	0.015	0.41	0.814
215156_at	recombination protein REC14	REC14	<b>-2.66</b>	0.027	<b>1.00</b>	q>10%	5.42	0.127
205091_x_at	RecQ protein-like (DNA helicase Q1-like)	RECQL	<b>2.90</b>	0.027	<b>1.00</b>	q>10%	0.40	1.843
200939_s_at	arginine-glutamic acid dipeptide (RE) repeats	RERE	<b>-2.94</b>	0.027	<b>-1.70</b>	0.015	1.73	1.843
206454_s_at	rhodopsin (opsin 2, rod pigment) (retinitis pigmentosa 4, autosomal dominant)	RHO	<b>-2.75</b>	0.027	<b>1.00</b>	q>10%	3.25	0.103
215588_x_at	RIO kinase 3 (yeast)	RIOK3	<b>-2.73</b>	0.027	<b>1.00</b>	q>10%	3.74	0.044
201961_s_at	ring finger protein 41	RNF41	<b>2.96</b>	0.027	<b>1.42</b>	0.015	0.48	0.378
213638_at	RPEL repeat containing 1	RPEL1	<b>1.00</b>	q>10%	<b>-2.68</b>	0.015	0.55	0.378
200725_x_at	ribosomal protein L10	RPL10	<b>-4.59</b>	0.027	<b>4.57</b>	0.015	27.66	0.044
221634_at	ribosomal protein L23a pseudogene 7	RPL23AP7	<b>3.65</b>	0.027	<b>-1.96</b>	0.015	0.14	0.044
212589_at	related RAS viral (r-ras) oncogene homolog 2	RRAS2	<b>1.47</b>	0.027	<b>3.26</b>	0.015	2.22	0.044
203186_s_at	S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog)	S100A4	<b>-2.76</b>	0.027	<b>1.95</b>	0.015	5.36	0.044
202917_s_at	S100 calcium binding protein A8 (calgranulin A)	S100A8	<b>1.00</b>	q>10%	<b>-2.41</b>	0.015	0.39	0.044
203535_at	S100 calcium binding protein A9 (calgranulin B)	S100A9	<b>-1.85</b>	1.116	<b>1.36</b>	0.015	2.53	0.044
204351_at	S100 calcium binding protein P	S100P	<b>1.57</b>	0.027	<b>-1.83</b>	0.015	0.35	0.044
213988_s_at	spermidine/spermine N1-acetyltransferase	SAT	<b>1.66</b>	0.027	<b>3.48</b>	0.015	2.10	0.074
201093_x_at	succinate dehydrogenase complex, subunit A, flavoprotein (Fp)	SDHA	<b>-2.98</b>	0.027	<b>1.00</b>	q>10%	5.94	0.235
209723_at	serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 9	SERPINB9	<b>1.81</b>	0.027	<b>-1.36</b>	0.015	0.41	0.044
202628_s_at	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1	SERPINE1	<b>1.00</b>	q>10%	<b>2.39</b>	0.015	2.10	0.378

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200631_s_at	SET translocation (myeloid leukemia-associated)	SET	<b>1.37</b>	2.553	<b>2.83</b>	0.015	2.06	0.044
221263_s_at	splicing factor 3b, subunit 5, 10kDa	SF3B5	<b>-1.82</b>	9.237	<b>-7.39</b>	0.015	0.25	0.044
206108_s_at	splicing factor, arginine/serine-rich 6	SFRS6	<b>1.35</b>	5.494	<b>2.57</b>	0.015	1.91	0.044
214141_x_at	splicing factor, arginine/serine-rich 7, 35kDa	SFRS7	<b>1.48</b>	5.494	<b>2.99</b>	0.015	2.02	0.235
201739_at	serum/glucocorticoid regulated kinase sialyltransferase 9 (CMP-	SGK	<b>1.54</b>	0.608	<b>3.23</b>	0.015	2.09	0.044
216075_at	NeuAc:lactosylceramide alpha-2,3-sialyltransferase; GM3 synthase)	SIAT9	<b>-2.66</b>	0.027	<b>1.00</b>	q>10%	2.51	0.044
217507_at	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1	SLC11A1	<b>-1.62</b>	0.027	<b>-2.59</b>	0.015	0.62	0.587
211557_x_at	solute carrier family 21 (organic anion transporter), member 9	SLC21A9	<b>1.00</b>	q>10%	<b>-2.56</b>	0.015	0.47	0.327
206542_s_at	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2	SMARCA2	<b>-1.62</b>	0.027	<b>-3.33</b>	0.015	0.49	0.470
208127_s_at	suppressor of cytokine signaling 5	SOCS5	<b>1.90</b>	0.027	<b>1.00</b>	q>10%	0.55	0.235
216841_s_at	superoxide dismutase 2, mitochondrial	SOD2	<b>-2.26</b>	9.237	<b>3.77</b>	0.015	10.39	0.103
213721_at	SRY (sex determining region Y)-box 2	SOX2	<b>-3.42</b>	0.027	<b>-1.24</b>	1.188	2.76	0.044
201417_at	SRY (sex determining region Y)-box 4	SOX4	<b>1.00</b>	q>10%	<b>2.23</b>	0.015	2.29	0.044
213668_s_at	SRY (sex determining region Y)-box 4	SOX4	<b>1.00</b>	q>10%	<b>1.80</b>	0.665	2.12	0.587
220922_s_at	sperm protein associated with the nucleus, X-linked, family member A1	SPANXA1	<b>-2.24</b>	4.440	<b>2.84</b>	0.015	7.32	0.103
209794_at	SLIT-ROBO Rho GTPase activating protein 2	SRGAP2	<b>-3.33</b>	0.027	<b>-6.73</b>	0.015	0.50	0.044
201516_at	spermidine synthase	SRM	<b>1.43</b>	9.237	<b>2.73</b>	0.015	1.92	0.470
201139_s_at	Sjogren syndrome antigen B (autoantigen La)	SSB	<b>1.00</b>	q>10%	<b>4.39</b>	0.015	3.14	0.044
219425_at	sulfotransferase family 4A, member 1	SULT4A1	<b>1.00</b>	q>10%	<b>-2.71</b>	0.015	0.44	0.044
208831_x_at	suppressor of Ty 6 homolog ( <i>S. cerevisiae</i> )	SUPT6H	<b>1.00</b>	q>10%	<b>3.20</b>	0.015	4.10	0.044
217437_s_at	transforming, acidic coiled-coil containing protein 1	TACC1	<b>1.00</b>	q>10%	<b>-2.63</b>	0.015	0.37	0.470

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218746_at	TAP binding protein related	TAPBP-R	<b>1.00</b>	q>10%	<b>-2.65</b>	0.015	0.38	0.044
214413_at	tyrosine aminotransferase	TAT	<b>1.00</b>	q>10%	<b>-3.19</b>	0.015	0.24	0.044
203919_at	transcription elongation factor A (SII), 2	TCEA2	<b>-2.75</b>	0.027	<b>1.00</b>	q>10%	2.96	0.044
202396_at	transcription elongation regulator 1 (CA150)	TCERG1	<b>1.50</b>	11.714	<b>2.86</b>	0.015	1.91	1.049
210515_at	transcription factor 1, hepatic; LF-B1, hepatic nuclear factor (HNF1), albumin proximal factor	TCF1	<b>2.34</b>	0.027	<b>1.00</b>	q>10%	0.29	1.424
208778_s_at	t-complex 1	TCP1	<b>1.00</b>	q>10%	<b>2.63</b>	0.015	3.24	0.044
221472_at	tumor differentially expressed 1	TDE1	<b>1.00</b>	q>10%	<b>-2.63</b>	0.015	0.38	0.470
203400_s_at	transferrin	TF	<b>-2.26</b>	0.027	<b>-1.24</b>	1.188	1.82	1.843
207332_s_at	transferrin receptor (p90, CD71)	TFRC	<b>1.25</b>	9.237	<b>-2.77</b>	0.015	0.29	0.044
201108_s_at	thrombospondin 1	THBS1	<b>2.75</b>	0.027	<b>6.41</b>	0.015	2.33	0.044
201110_s_at	thrombospondin 1	THBS1	<b>3.04</b>	0.027	<b>5.08</b>	0.015	1.68	0.814
208851_s_at	Thy-1 cell surface antigen	THY1	<b>1.00</b>	q>10%	<b>-2.10</b>	0.015	0.47	0.235
202393_s_at	TGFB inducible early growth response	TIEG	<b>2.66</b>	0.027	<b>1.00</b>	q>10%	0.34	0.044
201150_s_at	tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory)	TIMP3	<b>-1.45</b>	0.027	<b>-2.69</b>	0.015	0.54	0.103
201148_s_at	tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory)	TIMP3	<b>1.00</b>	q>10%	<b>-3.02</b>	0.015	0.41	0.044
201922_at	TGF beta-inducible nuclear protein 1	TINP1	<b>1.00</b>	q>10%	<b>2.55</b>	0.015	2.71	0.044
214955_at	type II transmembrane serine protease 6	TMPRSS6	<b>1.20</b>	6.941	<b>-2.59</b>	0.015	0.32	0.044
201208_s_at	tumor necrosis factor, alpha-induced protein 1 (endothelial)	TNFAIP1	<b>1.71</b>	0.027	<b>-2.05</b>	0.015	0.29	0.044
206026_s_at	tumor necrosis factor, alpha-induced protein 6	TNFAIP6	<b>1.70</b>	0.027	<b>1.00</b>	q>10%	0.56	1.424
209294_x_at	tumor necrosis factor receptor superfamily, member 10b	TNFRSF10B	<b>1.00</b>	q>10%	<b>-1.65</b>	0.015	0.48	0.044
204780_s_at	tumor necrosis factor receptor superfamily, member 6	TNFRSF6	<b>1.00</b>	q>10%	<b>-1.79</b>	0.015	0.46	0.074
221602_s_at	regulator of Fas-induced apoptosis	TOSO	<b>1.00</b>	q>10%	<b>-2.58</b>	0.015	0.51	0.587

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206117_at	tropomyosin 1 (alpha)	TPM1	<b>-1.65</b>	0.027	<b>-2.81</b>	0.015	0.58	0.378
203568_s_at	tripartite motif-containing 38	TRIM38	<b>1.00</b>	q>10%	<b>-2.57</b>	0.015	0.53	0.127
209372_x_at	tubulin, beta polypeptide	TUBB	<b>-2.55</b>	0.027	<b>1.00</b>	q>10%	2.02	0.587
208864_s_at	thioredoxin	TXN	<b>1.00</b>	q>10%	<b>4.63</b>	0.015	4.23	0.044
201008_s_at	thioredoxin interacting protein	TXNIP	<b>-1.50</b>	6.941	<b>-2.57</b>	0.015	0.58	0.378
209115_at	ubiquitin-activating enzyme E1C (UBA3 homolog, yeast)	UBE1C	<b>2.74</b>	0.027	<b>1.64</b>	0.015	0.60	0.814
211764_s_at	ubiquitin-conjugating enzyme E2D 1 (UBC4/5 homolog, yeast)	UBE2D1	<b>1.00</b>	q>10%	<b>2.61</b>	0.015	2.39	0.814
217799_x_at	ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)	UBE2H	<b>3.98</b>	0.027	<b>1.00</b>	q>10%	0.15	0.044
213692_s_at	vitamin D (1,25- dihydroxyvitamin D3) receptor	VDR	<b>3.28</b>	0.027	<b>1.00</b>	q>10%	0.33	0.044
206314_at	zinc finger protein	ZFP	<b>1.00</b>	q>10%	<b>2.05</b>	0.015	2.20	0.044
217781_s_at	zinc finger protein 106	ZFP106	<b>1.00</b>	q>10%	<b>-1.70</b>	0.015	0.53	0.127
209565_at	zinc finger protein 183 (RING finger, C3HC4 type)	ZNF183	<b>-1.73</b>	9.237	<b>3.09</b>	0.015	5.32	0.044
209989_at	zinc finger protein 268	ZNF268	<b>3.03</b>	0.027	<b>1.00</b>	q>10%	0.45	0.327
204453_at	zinc finger protein 84 (HPF2)	ZNF84	<b>1.00</b>	q>10%	<b>-2.72</b>	0.015	0.43	0.470