

Table S2. 873 Bonferroni genes from Fig. 1

Systematic	P-value	Average normalized data in SOJIA	Gene Symbol	Gene Title
Transport				
209994_s_at	8.03E-05	0.5	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1
233371_at	8.96E-06	20.1	ABCC13	ATP-binding cassette, sub-family C (CFTR/MRP), member 13
201613_s_at	0.000528	0.6	AP1G2	adaptor-related protein complex 1, gamma 2 subunit
223237_x_at	8.07E-05	4.2	AP2A1	adaptor-related protein complex 2, alpha 1 subunit
205568_at	1.61E-05	5.1	AQP9	aquaporin 9
208764_s_at	0.000214	0.6	ATP5G2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2
200818_at	0.00806	0.7	ATP5O	ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit (oligomycin sensitivity conferring protein)
212383_at	0.00803	1.9	ATP6V0A1	ATPase, H+ transporting, lysosomal V0 subunit a isoform 1
208898_at	0.000528	1.7	ATP6V1D	ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D
243615_at	0.00566	1.7	ATP9B	ATPase, Class II, type 9B
223649_s_at	1.30E-06	12.0	CGI-69*	CGI-69 protein
213415_at	0.000214	8.3	CLIC2	chloride intracellular channel 2
209143_s_at	0.0027	0.7	CLNS1A	chloride channel, nucleotide-sensitive, 1A
223450_s_at	0.000214	0.6	COG3	component of oligomeric golgi complex 3
201134_x_at	0.000214	0.5	COX7C	Cytochrome c oxidase subunit VIIc
217491_x_at	0.00393	0.5	COX7C	Cytochrome c oxidase subunit VIIc
229588_at	0.000337	0.7	DNAJC10	DnaJ (Hsp40) homolog, subfamily C, member 10
209046_s_at	2.82E-05	2.6	GABARAPL2	GABA(A) receptor-associated protein-like 2
210119_at	0.000214	7.2	KCNJ15	potassium inwardly-rectifying channel, subfamily J, member 15
227934_at	0.00269	0.5	KPNA5	Karyopherin alpha 5 (importin alpha 6)
228841_at	0.00566	0.6	LOC90624	Hypothetical protein LOC90624
201412_at	2.56E-06	1.6	LRP10	low density lipoprotein receptor-related protein 10
225008_at	0.00123	2.1	MGC34646	Hypothetical protein MGC34646
212472_at	0.000214	5.0	MICAL2	Flavoprotein oxidoreductase MICAL2
212473_s_at	1.61E-05	4.4	MICAL2	Flavoprotein oxidoreductase MICAL2
218136_s_at	1.30E-06	8.1	MSCP	mitochondrial solute carrier protein
218978_s_at	4.86E-06	7.5	MSCP	mitochondrial solute carrier protein
221920_s_at	1.30E-06	16.0	MSCP*	mitochondrial solute carrier protein
222528_s_at	1.30E-06	24.3	MSCP*	mitochondrial solute carrier protein
222529_at	0.000133	10.3	MSCP	mitochondrial solute carrier protein
231078_at	1.30E-06	25.8	MSCP	Mitochondrial solute carrier protein
206491_s_at	0.00123	1.6	NAPA	N-ethylmaleimide-sensitive factor attachment protein, alpha
205147_x_at	0.00566	1.9	NCF4	neutrophil cytosolic factor 4, 40kDa
207677_s_at	0.00393	2.5	NCF4	neutrophil cytosolic factor 4, 40kDa
201226_at	0.00123	0.6	NDUFB8	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8, 19kDa
200063_s_at	2.56E-06	0.5	NPM1	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
223432_at	1.30E-06	10.9	OSBP2	oxysterol binding protein 2
218047_at	0.00806	0.7	OSBPL9	oxysterol binding protein-like 9
218676_s_at	8.07E-05	3.5	PCTP	phosphatidylcholine transfer protein
202880_s_at	0.00183	0.7	PSCD1	pleckstrin homology, Sec7 and coiled-coil domains 1(cytohesin 1)
225074_at	1.30E-06	3.5	RAB2B*	RAB2B, member RAS oncogene family

203582_s_at	0.00806	0.6	RAB4A	RAB4A, member RAS oncogene family
221808_at	0.00183	0.7	RAB9A	RAB9A, member RAS oncogene family
202845_s_at	0.00081	2.3	RALBP1	ralA binding protein 1
228548_at	0.00806	0.8	RAP1A	RAP1A, member of RAS oncogene family
227366_at	2.82E-05	2.3	RILP	Rab interacting lysosomal protein
206196_s_at	0.0027	3.2	RPIP8	RaP2 interacting protein 8
208456_s_at	8.03E-05	0.5	RRAS2	related RAS viral (r-ras) oncogene homolog 2
202084_s_at	0.000339	1.7	SEC14L1	SEC14-like 1 (S. cerevisiae)
202798_at	0.000339	0.6	SEC24B	SEC24 related gene family, member B (S. cerevisiae)
215009_s_at	0.000528	0.5	SEC31L1	SEC31-like 1 (S. cerevisiae)
219349_s_at	0.00081	0.6	SEC5L1	SEC5-like 1 (S. cerevisiae)
205856_at	0.000337	8.3	SLC14A1	solute carrier family 14 (urea transporter), member 1
229151_at	0.00123	8.7	SLC14A1	Solute carrier family 14 (urea transporter), member 1
205896_at	1.30E-06	5.2	SLC22A4	solute carrier family 22 (organic cation transporter), member 4
231625_at	0.00122	1.7	SLC22A9	solute carrier family 22 (organic anion/cation transporter), member 9
202433_at	0.00566	1.4	SLC35B1	solute carrier family 35, member B1
218237_s_at	0.0027	0.6	SLC38A1	solute carrier family 38, member 1
205592_at	1.30E-06	64.2	SLC4A1	Solute carrier family 4, anion exchanger, member 1
210854_x_at	1.30E-06	9.2	SLC6A8	solute carrier family 6 member 8
213843_x_at	4.86E-06	10.2	SLC6A8	solute carrier family 6 member 8
210357_s_at	0.000528	6.9	SMOX	spermine oxidase
208781_x_at	0.0027	2.5	SNX3	sorting nexin 3
210648_x_at	0.00806	1.9	SNX3	sorting nexin 3
213545_x_at	0.00566	2.1	SNX3	sorting nexin 3
212807_s_at	0.00183	2.0	SORT1	sortilin 1
209367_at	0.000133	2.3	STXBP2	syntaxin binding protein 2
201260_s_at	0.00806	0.7	SYPL	synaptophysin-like protein
218188_s_at	0.000528	0.6	TIMM13	Translocase of inner mitochondrial membrane 13 homolog (yeast) translocase of outer mitochondrial membrane 7 homolog (yeast) /// hypothetical protein LOC201725
201812_s_at	0.00183	0.6	TOMM7	
205708_s_at	0.00806	2.3	TRPM2	transient receptor potential cation channel, subfamily M, member 2
205849_s_at	0.000339	0.7	UQCRB	ubiquinol-cytochrome c reductase binding protein
209066_x_at	0.000133	0.5	UQCRB	ubiquinol-cytochrome c reductase binding protein vesicle transport through interaction with t-SNAREs homolog 1B (yeast)
209452_s_at	0.00566	1.9	VTI1B	
206698_at	0.000214	7.1	XK	Kell blood group precursor (McLeod phenotype)

Ubiquitin

210075_at	0.000807	2.6	2-3	membrane-associated ring finger (C3HC4) 2
221824_s_at	4.82E-05	6.5	8-3	membrane-associated ring finger (C3HC4) 8
231933_at	4.86E-06	5.1	8-3	membrane-associated ring finger (C3HC4) 8
202268_s_at	0.000214	0.7	APPBP1	amyloid beta precursor protein binding protein 1, 59kDa
204190_at	0.000528	0.6	C13orf22	chromosome 13 open reading frame 22
217988_at	1.30E-06	0.5	CCNB1IP1	cyclin B1 interacting protein 1
212540_at	1.30E-06	3.8	CDC34*	cell division cycle 34
207231_at	0.00123	0.6	DZIP3	zinc finger DAZ interacting protein 3
213186_at	0.0027	0.6	DZIP3	zinc finger DAZ interacting protein 3
201178_at	1.30E-06	5.3	FBXO7	F-box protein 7
210638_s_at	1.30E-06	2.2	FBXO9*	F-box protein 9
218373_at	4.82E-05	0.5	FTS	fused toes homolog (mouse)
239101_at	0.00183	0.4	ITCH	itchy homolog E3 ubiquitin protein ligase (mouse)
209845_at	2.56E-06	4.2	MKRN1	makorin, ring finger protein, 1

201285_at	1.30E-06	3.8	MKRN1*	makorin, ring finger protein, 1
202219_at	1.30E-06	78.3	SLC6A8*	solute carrier family 6 (neurotransmitter transporter, creatine), member 8
227935_s_at	0.00183	3.2	PCGF5	polycomb group ring finger 5
216088_s_at	4.86E-06	0.6	PSMA7	Proteasome (prosome, macropain) subunit, alpha type, 7
201052_s_at	0.00393	3.4	PSMF1	Proteasome (prosome, macropain) inhibitor subunit 1 (PI31)
218247_s_at	0.00806	0.5	RKHD2	ring finger and KH domain containing 2
207801_s_at	4.86E-06	5.4	RNF10	ring finger protein 10
208632_at	0.000133	3.2	RNF10	ring finger protein 10
221063_x_at	8.07E-05	3.1	RNF123	ring finger protein 123
202318_s_at	0.00183	0.7	SENP6	SUMO1/sentrin specific protease 6
214790_at	4.79E-05	0.5	SENP6	SUMO1/sentrin specific protease 6
226366_at	0.00806	0.7	SHPRH	SNF2 histone linker PHD RING helicase
209339_at	1.30E-06	9.0	SIAH2*	seven in absentia homolog 2 (Drosophila)
232665_x_at	0.000133	5.1	SMURF1	SMAD specific E3 ubiquitin protein ligase 1
215047_at	1.30E-06	37.9	TRIM58	tripartite motif-containing 58
208661_s_at	8.07E-05	0.5	TTC3	tetratricopeptide repeat domain 3
208662_s_at	0.00081	0.6	TTC3	tetratricopeptide repeat domain 3
222420_s_at	0.00393	4.2	UBE2H	ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)
201534_s_at	0.00081	0.4	UBL3	ubiquitin-like 3
223117_s_at	0.000528	0.7	USP47	ubiquitin specific protease 47
211678_s_at	2.82E-05	0.6	ZNF313	zinc finger protein 313

Heme/Hemoglobin

203115_at	4.86E-06	9.8	FECH	ferrochelatase (protoporphyrin)
203116_s_at	1.30E-06	6.6	FECH*	ferrochelatase (protoporphyrin)
211699_x_at	0.00566	3.4	HBA1 /// HBA2	Hemoglobin, alpha 1 /// hemoglobin, alpha 2
206834_at	1.30E-06	36.4	HBD*	Hemoglobin, delta /// hemoglobin, delta
204848_x_at	1.30E-06	65.7	HBG1 /// HBG2	Hemoglobin, gamma A /// hemoglobin, gamma G
204419_x_at	1.30E-06	48.9	HBG2	Hemoglobin, gamma G
213515_x_at	2.56E-06	22.0	HBG2	Hemoglobin, gamma G
240336_at	1.30E-06	161.6	HBM	Hemoglobin mu chain

Immune Response

205098_at	0.000133	2.6	CCR1	chemokine (C-C motif) receptor 1
205297_s_at	0.0027	0.5	CD79B	CD79B antigen (immunoglobulin-associated beta)
209498_at	4.82E-05	8.1	CEACAM1	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
211883_x_at	0.00806	3.1	CEACAM1	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
239205_s_at	0.00183	4.5	CR1	complement component (3b/4b) receptor 1, including Knops blood group system
204470_at	0.00183	3.1	CXCL1	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)
211734_s_at	4.86E-06	0.3	FCER1A	Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide
214511_x_at	1.30E-06	4.1	FCGR1A	Fc fragment of IgG, high affinity Ia, receptor (CD64)
216950_s_at	1.30E-06	4.2	FCGR1A*	Fc fragment of IgG, high affinity Ia, receptor (CD64)
203932_at	1.30E-06	0.5	HLA-DMB	major histocompatibility complex, class II, DM beta
208894_at	0.0027	0.6	HLA-DRA	major histocompatibility complex, class II, DR alpha
210982_s_at	0.00393	0.7	HLA-DRA	major histocompatibility complex, class II, DR alpha
217456_x_at	1.30E-06	0.6	HLA-E*	major histocompatibility complex, class I, E
204806_x_at	1.30E-06	0.6	HLA-F*	major histocompatibility complex, class I, F
221875_x_at	0.00566	0.8	HLA-F	major histocompatibility complex, class I, F
210514_x_at	2.82E-05	0.3	HLA-G	HLA-G histocompatibility antigen, class I, G
202411_at	0.000339	15.7	IFI27	interferon, alpha-inducible protein 27

212657_s_at	1.30E-06	3.2	IL1RN*	interleukin 1 receptor antagonist
206881_s_at	0.00806	2.8	LILRA3	leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3
210784_x_at	0.0027	1.8	LILRB3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3
211133_x_at	0.00806	1.9	LILRB3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3
211135_x_at	4.82E-05	2.2	LILRB3	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 3
207339_s_at	8.07E-05	0.5	LTB	Lymphotoxin beta (TNF superfamily, member 3)
206584_at	2.56E-06	2.1	LY96	lymphocyte antigen 96
243099_at	4.86E-06	1.9	NFAM1	NFAT activating protein with ITAM motif 1
205863_at	0.00183	3.2	S100A12	S100 calcium binding protein A12 (calgranulin C)
211429_s_at	0.00183	1.6	SERPINA1	serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1
206025_s_at	0.000133	4.4	TNFAIP6	tumor necrosis factor, alpha-induced protein 6
206026_s_at	0.000133	5.1	TNFAIP6	tumor necrosis factor, alpha-induced protein 6
210915_x_at	8.07E-05	0.6	TRBC1	T cell receptor beta constant 1
211796_s_at	4.82E-05	0.6	TRBC1	T cell receptor beta constant 1
213193_x_at	2.82E-05	0.7	TRBC1	T cell receptor beta constant 1

Metabolism

214274_s_at	0.0027	0.7	ACAA1	acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)
201963_at	0.000214	4.0	ACSL1	acyl-CoA synthetase long-chain family member 1
207275_s_at	4.86E-06	5.5	ACSL1	acyl-CoA synthetase long-chain family member 1
217748_at	1.30E-06	9.3	ADIPOR1	adiponectin receptor 1
202912_at	1.61E-05	6.6	ADM	adrenomedullin
202144_s_at	8.07E-05	0.7	ADSL	adenylosuccinate lyase
208498_s_at	0.000133	0.4	AMY2A	amylase, alpha 2A; pancreatic
221485_at	0.0027	2.2	B4GALT5	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5
203502_at	1.61E-05	8.5	BPGM	2,3-bisphosphoglycerate mutase
235802_at	1.30E-06	0.4	C14orf175*	chromosome 14 open reading frame 175
220751_s_at	2.82E-05	9.0	C5orf4	chromosome 5 open reading frame 4
205950_s_at	1.30E-06	75.6	CA1*	carbonic anhydrase I
224060_s_at	4.82E-05	0.6	CGI-30	CGI-30 protein
208791_at	0.00123	2.5	CLU	clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressed prostate message 2, apolipoprotein J)
209759_s_at	4.82E-05	0.5	DCI	dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase)
203302_at	0.00183	0.6	DCK	deoxycytidine kinase
206335_at	0.00182	1.6	GALNS	galactosamine (N-acetyl)-6-sulfate sulfatase (Morquio syndrome, mucopolysaccharidosis type IVA)
207387_s_at	0.00183	2.5	GK	glycerol kinase
214430_at	0.00566	1.3	GLA	galactosidase, alpha
201576_s_at	0.00081	1.5	GLB1	galactosidase, beta 1
204187_at	1.30E-06	18.8	GMPR	guanosine monophosphate reductase
201554_x_at	4.82E-05	2.7	GYG	Glycogenin
211275_s_at	8.07E-05	2.4	GYG	Glycogenin
200697_at	0.00123	1.9	HK1	hexokinase 1
205936_s_at	4.86E-06	2.8	HK3	hexokinase 3 (white cell)
219403_s_at	0.00393	2.1	HPSE	Heparanase
201193_at	0.00123	2.0	IDH1	isocitrate dehydrogenase 1 (NADP+), soluble
218847_at	8.96E-06	9.1	IMP-2	IGF-II mRNA-binding protein 2
201892_s_at	8.96E-06	0.5	IMPDH2	IMP (inosine monophosphate) dehydrogenase 2
202068_s_at	2.82E-05	2.3	LDLR	low density lipoprotein receptor (familial hypercholesterolemia)

217956_s_at	0.00123	0.6	MASA	E-1 enzyme
206522_at	0.0027	11.9	MGAM	maltase-glucoamylase (alpha-glucosidase)
226214_at	0.0027	2.0	MIR16	membrane interacting protein of RGS16
201695_s_at	1.61E-05	4.1	NP	nucleoside phosphorylase
218025_s_at	4.82E-05	0.7	PECI	Peroxisomal D3,D2-enoyl-CoA isomerase
228499_at	0.00123	1.7	PFKFB4	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4
203335_at	2.82E-05	0.6	PHYH	phytanoyl-CoA hydroxylase (Refsum disease)
205570_at	2.82E-05	5.0	PIP5K2A	phosphatidylinositol-4-phosphate 5-kinase, type II, alpha
202165_at	4.82E-05	0.5	PPP1R2	protein phosphatase 1, regulatory (inhibitor) subunit 2
224909_s_at	0.00183	1.7	PREX1	phosphatidylinositol 3,4,5-trisphosphate-dependent RAC exchanger 1
209503_s_at	0.00393	0.7	PSMC5	Proteasome (prosome, macropain) 26S subunit, ATPase, 5
201195_s_at	0.00806	2.7	SLC7A5	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5
214835_s_at	0.000528	0.6	SUCLG2	succinate-CoA ligase, GDP-forming, beta subunit
215772_x_at	0.000339	0.6	SUCLG2	succinate-CoA ligase, GDP-forming, beta subunit
203234_at	0.00081	2.3	UPP1	uridine phosphorylase 1

Transcription

217729_s_at	4.82E-05	0.5	AES	amino-terminal enhancer of split
215684_s_at	0.000214	4.7	ASCC2	activating signal cointegrator 1 complex subunit 2
205965_at	0.00393	1.8	BATF	basic leucine zipper transcription factor, ATF-like
222891_s_at	0.00123	0.4	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)
209430_at	0.0027	0.6	BTAF1	BTAF1 RNA polymerase II, B-TFIID transcription factor-associated, 170kDa (Mot1 homolog, S. cerevisiae)
216305_s_at	0.000339	0.6	C2orf3	chromosome 2 open reading frame 3
202163_s_at	0.000132	0.7	CNOT8	CCR4-NOT transcription complex, subunit 8
237819_at	2.56E-06	2.8	CREB3L2	CAMP responsive element binding protein 3-like 2
232555_at	0.00183	3.1	CREB5	CAMP responsive element binding protein 5
201160_s_at	1.30E-06	4.9	CSDA	cold shock domain protein A
201161_s_at	1.30E-06	9.1	CSDA	cold shock domain protein A
202521_at	0.00392	0.7	CTCF	CCCTC-binding factor (zinc finger protein)
239083_at	0.00566	0.4	DKFZp7621137	Hypothetical protein DKFZp7621137
203624_at	7.99E-05	0.7	DXYS155E	DNA segment on chromosome X and Y (unique) 155 expressed sequence
217736_s_at	0.000214	2.7	EIF2AK1	eukaryotic translation initiation factor 2-alpha kinase 1
232909_s_at	0.00183	0.6	FALZ	fetal Alzheimer antigen
220760_x_at	8.96E-06	0.6	FLJ14345	Hypothetical protein FLJ14345
206583_at	0.000214	0.6	FLJ20344	Hypothetical protein FLJ20344
206015_s_at	0.000214	0.6	FOXJ3	forkhead box J3
204131_s_at	0.00806	5.0	FOXO3A	forkhead box O3A
204132_s_at	0.00183	5.3	FOXO3A	forkhead box O3A
224891_at	0.00183	4.3	FOXO3A	forkhead box O3A
223287_s_at	0.000133	0.4	FOXP1	forkhead box P1
224838_at	0.000528	0.6	FOXP1	forkhead box P1
209604_s_at	2.82E-05	0.5	GATA3	GATA binding protein 3
229394_s_at	0.00081	0.6	GRLF1	Glucocorticoid receptor DNA binding factor 1
201209_at	2.56E-06	0.5	HDAC1	histone deacetylase 1
214438_at	0.00806	2.6	HLX1	H2.0-like homeo box 1 (Drosophila)
205070_at	0.000339	0.6	ING3	inhibitor of growth family, member 3
55872_at	0.00123	0.5	KIAA1196	KIAA1196 protein
210504_at	1.30E-06	6.7	KLF1	Kruppel-like factor 1 (erythroid)
227198_at	0.00393	0.4	LAF4	Lymphoid nuclear protein related to AF4
226275_at	0.000339	2.6	MAD	MAX dimerization protein 1

228846_at	0.000133	3.4	MAD	MAX dimerization protein 1
218438_s_at	0.000214	0.6	MED28	mediator of RNA polymerase II transcription, subunit 28 homolog
225159_s_at	0.00183	0.7	MED28	Mediator of RNA polymerase II transcription, subunit 28 homolog (yeast)
238761_at	8.96E-06	0.4	MED28	Mediator of RNA polymerase II transcription, subunit 28 homolog (yeast)
217843_s_at	0.00806	0.6	MED4	mediator of RNA polymerase II transcription, subunit 4 homolog (yeast)
218259_at	0.00566	0.6	MKL2	MKL/myocardin-like 2
223189_x_at	4.82E-05	0.5	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)
223190_s_at	0.00566	0.5	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)
226100_at	0.00806	0.5	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homolog, Drosophila)
202364_at	1.30E-06	5.8	MXI1	MAX interactor 1
209930_s_at	1.30E-06	6.4	NFE2	nuclear factor (erythroid-derived 2), 45kDa
225768_at	0.000339	0.6	NR1D2	nuclear receptor subfamily 1, group D, member 2
228569_at	2.82E-05	0.6	PAPOLA	poly(A) polymerase alpha
239210_at	0.00123	4.3	PBX1	Pre-B-cell leukemia transcription factor 1
212259_s_at	0.000528	0.5	PBXIP1	pre-B-cell leukemia transcription factor interacting protein 1
214177_s_at	1.61E-05	0.6	PBXIP1	pre-B-cell leukemia transcription factor interacting protein 1
212660_at	0.00393	0.6	PHF15	PHD finger protein 15
209422_at	8.96E-06	0.5	PHF20	PHD finger protein 20
217952_x_at	4.86E-06	0.7	PHF3	PHD finger protein 3
217864_s_at	1.61E-05	0.6	PIAS1	protein inhibitor of activated STAT, 1
204839_at	0.0027	0.7	POP5	processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae)
203497_at	0.000528	0.5	PPARBP	PPAR binding protein
232517_s_at	1.61E-05	2.9	PRIC285	peroxisomal proliferator-activated receptor A interacting complex 285
212332_at	0.00566	0.5	RBL2	retinoblastoma-like 2 (p130)
219286_s_at	0.00183	0.6	RBM15	RNA binding motif protein 15
204633_s_at	0.000339	0.6	RPS6KA5	ribosomal protein S6 kinase, 90kDa, polypeptide 5
222514_at	0.000994	1.4	RRAGC	Ras-related GTP binding C
202426_s_at	0.0027	3.0	RXRA	retinoid X receptor, alpha
208740_at	4.82E-05	0.5	SAP18	sin3-associated polypeptide, 18kDa
203408_s_at	0.00123	0.7	SATB1	special AT-rich sequence binding protein 1 (binds to nuclear matrix/scaffold-associating DNA's)
203077_s_at	0.00269	0.7	SMAD2	SMAD, mothers against DPP homolog 2 (Drosophila)
235725_at	0.000339	0.6	SMAD4	SMAD, mothers against DPP homolog 4 (Drosophila)
201417_at	8.96E-06	0.5	SOX4	SRY (sex determining region Y)-box 4
201139_s_at	0.000214	0.6	SSB	Sjogren syndrome antigen B (autoantigen La)
203787_at	0.00183	0.6	SSBP2	single-stranded DNA binding protein 2
209358_at	0.00392	0.6	TAF11	TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa
216925_s_at	1.30E-06	17.2	TAL1	T-cell acute lymphocytic leukemia 1
203753_at	0.00806	0.5	TCF4	Transcription factor 4
213891_s_at	0.00566	0.5	TCF4	Transcription factor 4
205255_x_at	0.000214	0.6	TCF7	Transcription factor 7 (T-cell specific, HMG-box)
206649_s_at	0.0027	1.9	TFE3	Transcription factor binding to IGHM enhancer 3
206472_s_at	0.000214	2.0	TLE3	transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)
217501_at	0.000528	0.5	WDR39	WD repeat domain 39
202979_s_at	0.00566	0.6	ZF	HCF-binding transcription factor Zhangfei
227796_at	0.00123	0.6	ZFP62	zinc finger protein 62 homolog (mouse)
225221_at	0.00183	0.5	ZKSCAN1	Zinc finger with KRAB and SCAN domains 1

202136_at	0.00806	0.7	ZMYND11	zinc finger, MYND domain containing 11
219571_s_at	0.0027	0.5	ZNF12	zinc finger protein 12 (KOX 30)
221873_at	8.07E-05	0.6	ZNF143	zinc finger protein 143 (clone pHZ-1)
214686_at	0.00123	0.6	ZNF266	zinc finger protein 266
218490_s_at	0.00806	0.5	ZNF302	zinc finger protein 302
228392_at	0.00123	0.5	ZNF302	Zinc finger protein 302
215359_x_at	0.00393	0.6	ZNF44	zinc finger protein 44 (KOX 7)
228138_at	0.000214	0.7	ZNF498	zinc finger protein 498
223392_s_at	0.00393	1.8	ZNF537	zinc finger protein 537
218735_s_at	0.00806	0.7	ZNF544	zinc finger protein 544
211721_s_at	0.00183	0.6	ZNF551	zinc finger protein 551
224518_s_at	0.00081	0.5	ZNF559	zinc finger protein 559
208137_x_at	2.82E-05	0.5	ZNF611	zinc finger protein 611
205089_at	0.00806	0.6	ZNF7	zinc finger protein 7 (KOX 4, clone HF.16)
221645_s_at	0.00393	0.5	ZNF83	zinc finger protein 83 (HPF1)
206158_s_at	0.00123	0.7	ZNF9	zinc finger protein 9
235170_at	0.00566	0.6	ZNF92	zinc finger protein 92 (HTF12)
Extracellular matrix				
209840_s_at	0.000133	0.3	LRRN3	leucine rich repeat neuronal 3
209841_s_at	0.000339	0.3	LRRN3	leucine rich repeat neuronal 3
203936_s_at	0.000214	13.3	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)
202524_s_at	1.61E-05	0.6	SPOCK2	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2
cytoskeleton/microtubule				
218395_at	0.00393	0.7	ACTR6	ARP6 actin-related protein 6 homolog (yeast)
201753_s_at	0.00183	0.6	ADD3	adducin 3 (gamma)
205882_x_at	0.00393	0.7	ADD3	adducin 3 (gamma)
205389_s_at	1.61E-05	5.7	ANK1	ankyrin 1, erythrocytic
208353_x_at	0.00123	5.8	ANK1	ankyrin 1, erythrocytic
202391_at	0.000133	3.2	BASP1	brain abundant, membrane attached signal protein 1
208451_s_at	0.000528	6.8	C4A	complement component 4A
201605_x_at	0.00081	1.7	CNN2	calponin 2
218660_at	1.30E-06	4.4	DYSF*	dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive)
210746_s_at	1.30E-06	142.5	EPB42	erythrocyte membrane protein band 4.2
204505_s_at	1.30E-06	11.5	EPB49*	erythrocyte membrane protein band 4.9 (dematin)
207721_x_at	1.30E-06	0.6	HINT1*	histidine triad nucleotide binding protein 1
212878_s_at	1.30E-06	0.6	KNS2*	kinesin 2 60/70kDa
205900_at	4.82E-05	19.9	KRT1	keratin 1 (epidermolytic hyperkeratosis)
232011_s_at	1.29E-06	2.3	MAP1LC3A*	Microtubule-associated protein 1 light chain 3 alpha
210088_x_at	1.30E-06	9.9	MYL4	myosin, light polypeptide 4, alkali; atrial, embryonic
216054_x_at	1.30E-06	10.2	MYL4	myosin, light polypeptide 4, alkali; atrial, embryonic
217274_x_at	2.56E-06	5.7	MYL4	myosin, light polypeptide 4, alkali; atrial, embryonic
210395_x_at	1.30E-06	11.6	MYL4*	myosin, light polypeptide 4, alkali; atrial, embryonic
226335_at	0.00123	0.7	RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3
201060_x_at	4.82E-05	3.6	STOM	Stomatin
201061_s_at	8.07E-05	2.7	STOM	Stomatin
203662_s_at	1.30E-06	29.8	TMOD1	tropomodulin 1
203661_s_at	1.30E-06	9.9	TMOD1*	tropomodulin 1
210987_x_at	0.00183	2.8	TPM1	Tropomyosin 1 (alpha)
212481_s_at	0.00183	1.7	TPM4	Tropomyosin 4

219351_at	2.82E-05	0.6	TRAPPC2	trafficking protein particle complex 2
209251_x_at	0.00183	1.4	TUBA6	tubulin alpha 6
210389_x_at	0.00393	0.7	TUBD1	tubulin, delta 1
208623_s_at	0.000339	0.5	VIL2	villin 2 (ezrin)
G-protein coupled receptor				
218030_at	1.30E-06	3.8	GIT1*	G protein-coupled receptor kinase interactor 1
204000_at	8.96E-06	0.6	GNB5	guanine nucleotide binding protein (G protein), beta 5
228770_at	2.82E-05	9.8	GPR146	G protein-coupled receptor 146
212090_at	0.000133	2.9	GRINA	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)
233657_at	0.00123	1.9	OPN5	opsin 5
224707_at	4.86E-06	5.1	ORF1-FL49	putative nuclear protein ORF1-FL49
201042_at	4.86E-06	5.0	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
Signal transduction				
202096_s_at	0.000528	1.9	BZRP	benzodiazapine receptor (peripheral)
208826_x_at	4.82E-05	0.7	HINT1	histidine triad nucleotide binding protein 1
227087_at	0.00183	0.5	INPP4A	Inositol polyphosphate-4-phosphatase, type I, 107kDa
202974_at	1.30E-06	7.5	MPP1	membrane protein, palmitoylated 1, 55kDa
219607_s_at	4.82E-05	6.6	MS4A4A	membrane-spanning 4-domains, subfamily A, member 4
222317_at	0.00803	0.5	PDE3B	Phosphodiesterase 3B, cGMP-inhibited
223358_s_at	0.00081	0.6	PDE7A	Phosphodiesterase 7A
201877_s_at	0.00566	0.7	PPP2R5C	protein phosphatase 2, regulatory subunit B (B56), gamma isoform
229322_at	0.00566	0.7	PPP2R5E	protein phosphatase 2, regulatory subunit B (B56), epsilon isoform
Regulation translation				
209861_s_at	0.000528	0.6	METAP2	methionyl aminopeptidase 2
244185_at	0.00806	0.5	METAP2	Methionyl aminopeptidase 2
218205_s_at	0.00566	0.6	MKNK2	MAP kinase interacting serine/threonine kinase 2
Cell cycle				
201458_s_at	0.00081	0.6	BUB3	BUB3 budding uninhibited by benzimidazoles 3 homolog (yeast)
208796_s_at	0.00806	0.7	CCNG1	cyclin G1
232266_x_at	0.00123	0.4	CDC2L5	Cell division cycle 2-like 5 (cholinesterase-related cell division controller)
209112_at	8.96E-06	0.6	CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)
2028_s_at	0.00566	1.8	E2F1	E2F transcription factor 1
228361_at	2.82E-05	3.8	E2F2	E2F transcription factor 2
201912_s_at	1.30E-06	6.3	GSPT1	G1 to S phase transition 1
215438_x_at	4.82E-05	6.3	GSPT1	G1 to S phase transition 1
211040_x_at	0.000133	2.0	GTSE1	G-2 and S-phase expressed 1
210212_x_at	0.00566	0.8	MTCP1	mature T-cell proliferation 1
200658_s_at	0.000214	0.5	PHB	Prohibitin
238656_at	0.0027	0.6	RAD50	RAD50 homolog (S. cerevisiae)
212783_at	0.0027	0.5	RBBP6	retinoblastoma binding protein 6
203175_at	4.82E-05	1.9	RHOG	ras homolog gene family, member G (rho G)
235683_at	1.29E-06	19.6	SESN3*	sestrin 3
235684_s_at	4.86E-06	7.6	SESN3	sestrin 3
210567_s_at	0.00081	0.7	SKP2	S-phase kinase-associated protein 2 (p45)
212330_at	1.61E-05	2.9	TFDP1	Transcription factor Dp-1
222243_s_at	0.00081	0.5	TOB2	transducer of ERBB2, 2
NF-kB				
203113_s_at	1.30E-06	0.2	EEF1D*	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)
protein biosynthesis				

204905_s_at	0.0027	0.6	EEF1E1	eukaryotic translation elongation factor 1 epsilon 1
210501_x_at	0.00806	0.7	EIF3S12	eukaryotic translation initiation factor 3, subunit 12
221494_x_at	0.00393	0.7	EIF3S12	eukaryotic translation initiation factor 3, subunit 12
201592_at	0.0027	0.7	EIF3S3	eukaryotic translation initiation factor 3, subunit 3 gamma, 40kDa
208887_at	0.000528	0.6	EIF3S4	eukaryotic translation initiation factor 3, subunit 4 delta, 44kDa
212904_at	4.82E-05	0.7	KIAA1185	KIAA1185 protein
226588_at	0.00123	0.4	KIAA1604	KIAA1604 protein
222064_s_at	8.96E-06	0.7	MGC2744	Hypothetical protein MGC2744
224479_s_at	2.56E-06	0.7	MRPL45	mitochondrial ribosomal protein L45
217408_at	0.00806	0.6	MRPS18B	mitochondrial ribosomal protein S18B
225477_s_at	0.00393	0.6	MRPS25	Mitochondrial ribosomal protein S25
200735_x_at	0.00081	0.6	NACA	nascent-polypeptide-associated complex alpha polypeptide
200036_s_at	0.00393	0.7	RPL10A	ribosomal protein L10a
213588_x_at	0.000339	0.6	RPL14	ribosomal protein L14
200074_s_at	0.00806	0.7	RPL14	ribosomal protein L14
217266_at	0.0027	0.6	RPL15	ribosomal protein L15
221475_s_at	0.000528	0.7	RPL15	ribosomal protein L15
221476_s_at	2.56E-06	0.7	RPL15	ribosomal protein L15
216383_at	0.00806	0.4	RPL18A	ribosomal protein L18a
214042_s_at	1.30E-06	0.7	RPL22	ribosomal protein L22
221726_at	1.61E-05	0.7	RPL22	ribosomal protein L22
200823_x_at	0.000339	0.6	RPL29	ribosomal protein L29
200002_at	0.00123	0.6	RPL35	ribosomal protein L35
200089_s_at	4.86E-06	0.6	RPL4	ribosomal protein L4
201154_x_at	8.07E-05	0.7	RPL4	ribosomal protein L4
200937_s_at	8.96E-06	0.7	RPL5	ribosomal protein L5
208646_at	1.30E-06	0.4	RPS14*	ribosomal protein S14
218007_s_at	0.000528	0.6	RPS27L	ribosomal protein S27-like
200082_s_at	0.00123	0.7	RPS7	ribosomal protein S7
200858_s_at	0.00081	0.7	RPS8	ribosomal protein S8
214317_x_at	0.00393	0.5	RPS9	ribosomal protein S9
212018_s_at	4.86E-06	0.5	RSL1D1	ribosomal L1 domain containing 1
200802_at	4.82E-05	0.8	SARS	seryl-tRNA synthetase
202614_at	0.00806	0.7	SLC30A9	solute carrier family 30 (zinc transporter), member 9
201922_at	0.0027	0.6	TINP1	TGF beta-inducible nuclear protein 1
204703_at	0.00182	0.7	TTC10	tetratricopeptide repeat domain 10
206621_s_at	0.00183	0.7	WBSCR1	Williams-Beuren syndrome chromosome region 1

protein amino acid phosphorylation

223266_at	1.30E-06	13.9	ALS2CR2*	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2
59644_at	0.00325	2.1	BMP2K	BMP2 inducible kinase
203468_at	1.61E-05	0.3	CDK10	cyclin-dependent kinase (CDC2-like) 10
227767_at	0.000339	0.6	CSNK1G3	Casein kinase 1, gamma 3
213980_s_at	4.82E-05	0.4	CTBP1	C-terminal binding protein 1
208018_s_at	0.0027	1.5	HCK	Hemopoietic cell kinase
201234_at	0.00081	1.6	ILK	integrin-linked kinase
227677_at	0.00393	1.7	JAK3	Janus kinase 3 (a protein tyrosine kinase, leukocyte)
204155_s_at	4.82E-05	0.5	KIAA0999	KIAA0999 protein
202193_at	0.0027	2.6	LIMK2	LIM domain kinase 2
210582_s_at	0.00183	2.6	LIMK2	LIM domain kinase 2
207667_s_at	8.96E-06	4.5	MAP2K3	mitogen-activated protein kinase kinase 3

215498_s_at	0.000339	4.4	MAP2K3	mitogen-activated protein kinase kinase 3
215499_at	0.0027	4.3	MAP2K3	Mitogen-activated protein kinase kinase 3
202530_at	8.07E-05	2.0	MAPK14	mitogen-activated protein kinase 14
202568_s_at	2.82E-05	2.4	MARK3	MAP/microtubule affinity-regulating kinase 3
218499_at	0.000528	0.6	MST4	Mst3 and SOK1-related kinase
41329_at	0.00081	0.6	PACE-1	ezrin-binding partner PACE-1
208875_s_at	4.82E-05	1.5	PAK2	p21 (CDKN1A)-activated kinase 2
209018_s_at	4.86E-06	3.0	PINK1	PTEN induced putative kinase 1
218764_at	4.86E-06	0.5	PRKCH	protein kinase C, eta
202129_s_at	4.82E-05	5.9	RIOK3	RIO kinase 3 (yeast)
202130_at	0.00393	3.8	RIOK3	RIO kinase 3 (yeast)
202131_s_at	0.00081	3.3	RIOK3	RIO kinase 3 (yeast)
209481_at	0.00081	0.7	SNRK	SNF-1 related kinase
204062_s_at	0.00393	0.7	ULK2	unc-51-like kinase 2 (C. elegans)

Apoptosis

202512_s_at	0.00393	0.6	APG5L	APG5 autophagy 5-like (S. cerevisiae)
202387_at	8.96E-06	4.6	BAG1	BCL2-associated athanogene
211475_s_at	1.30E-06	3.7	BAG1*	BCL2-associated athanogene
202985_s_at	0.00183	0.7	BAG5	BCL2-associated athanogene 5
206665_s_at	2.82E-05	17.7	BCL2L1	BCL2-like 1
212312_at	1.30E-06	9.5	BCL2L1*	BCL2-like 1
215037_s_at	1.30E-06	6.4	BCL2L1*	BCL2-like 1
204861_s_at	0.00806	2.0	BIRC1	baculoviral IAP repeat-containing 1
221479_s_at	0.000214	6.1	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like
200920_s_at	0.00123	0.6	BTG1	B-cell translocation gene 1, anti-proliferative
213581_at	4.82E-05	0.6	PDCD2	programmed cell death 2
212594_at	2.82E-05	0.5	PDCD4	programmed cell death 4 (neoplastic transformation inhibitor)
200608_s_at	0.0027	0.7	RAD21	RAD21 homolog (S. pombe)
211509_s_at	0.00183	1.4	RTN4	reticulon 4
204466_s_at	1.30E-06	28.0	SNCA*	synuclein, alpha (non A4 component of amyloid precursor)
204467_s_at	1.30E-06	30.9	SNCA	synuclein, alpha (non A4 component of amyloid precursor)
207827_x_at	1.30E-06	16.7	SNCA*	synuclein, alpha (non A4 component of amyloid precursor)
211546_x_at	1.30E-06	13.4	SNCA*	synuclein, alpha (non A4 component of amyloid precursor)
200803_s_at	0.00806	1.4	TEGT	testis enhanced gene transcript (BAX inhibitor 1)
221602_s_at	0.0027	0.5	TOSO	regulator of Fas-induced apoptosis

proteolysis and peptidolysis

200839_s_at	4.86E-06	2.4	CTSB	cathepsin B
213274_s_at	4.82E-05	2.2	CTSB	cathepsin B
201945_at	0.000339	2.2	FURIN	furin (paired basic amino acid cleaving enzyme)
207460_at	1.30E-06	0.4	GZMM	granzyme M (lymphocyte met-ase 1)
206697_s_at	2.56E-06	5.4	HP	Haptoglobin
208470_s_at	0.00393	13.9	HP	Haptoglobin
210017_at	4.82E-05	0.5	MALT1	mucosa associated lymphoid tissue lymphoma translocation gene 1
210018_x_at	0.00123	0.6	MALT1	mucosa associated lymphoid tissue lymphoma translocation gene 1
207890_s_at	0.000214	2.7	MMP25	matrix metalloproteinase 25
208709_s_at	0.00123	1.5	NRD1	nardilysin (N-arginine dibasic convertase)
200661_at	8.07E-05	1.7	PPGB	protective protein for beta-galactosidase (galactosialidosis)

cell growth

221675_s_at	4.86E-06	5.6	CHPT1	choline phosphotransferase 1
206359_at	0.00123	4.7	SOCS3	suppressor of cytokine signaling 3

227697_at	0.000339	5.5	SOCS3	suppressor of cytokine signaling 3
201758_at	2.56E-06	1.7	TSG101	tumor susceptibility gene 101
protein folding				
218168_s_at	0.00806	0.7	CABC1	chaperone, ABC1 activity of bc1 complex like (S. pombe)
209275_s_at	0.00393	1.7	CLN3	ceroid-lipofuscinosis, neuronal 3, juvenile
228622_s_at	0.00393	0.7	DNAJC4	DnaJ (Hsp40) homolog, subfamily C, member 4
219672_at	1.30E-06	30.0	ERAF	erythroid associated factor
229949_at	0.00123	0.6	FKBP6	FK506 binding protein 6, 36kDa
40850_at	1.30E-06	48.4	FKBP8*	FK506 binding protein 8, 38kDa
205361_s_at	0.00183	0.6	PFDN4	prefoldin 4
201759_at	0.00806	2.2	TBCD	tubulin-specific chaperone d
RNA Binding				
200810_s_at	8.96E-06	0.5	CIRBP	cold inducible RNA binding protein
200811_at	0.00806	0.6	CIRBP	cold inducible RNA binding protein
211938_at	8.96E-06	0.6	EIF4B	eukaryotic translation initiation factor 4B
214280_x_at	0.00393	0.6	HNRPA1	heterogeneous nuclear ribonucleoprotein A1
201993_x_at	1.30E-06	0.6	HNRPDL	heterogeneous nuclear ribonucleoprotein D-like
209067_s_at	1.61E-05	0.5	HNRPDL	heterogeneous nuclear ribonucleoprotein D-like
209068_at	1.30E-06	0.5	HNRPDL	heterogeneous nuclear ribonucleoprotein D-like
225394_s_at	0.00566	0.6	MADP-1	MADP-1 protein
210093_s_at	1.61E-05	0.3	MAGOH	mago-nashi homolog, proliferation-associated (Drosophila)
225326_at	2.82E-05	0.7	RBM27	RNA binding motif protein 27
229903_x_at	2.82E-05	0.6	RNP	U11/U12 snRNP 65K
203818_s_at	8.96E-06	0.7	SF3A3	splicing factor 3a, subunit 3, 60kDa
214305_s_at	0.00806	0.4	SF3B1	splicing factor 3b, subunit 1, 155kDa
203380_x_at	0.000339	0.7	SFRS5	splicing factor, arginine/serine-rich 5
217833_at	2.82E-05	0.7	SYNCRIP	Synaptotagmin binding, cytoplasmic RNA interacting protein
intracellular signaling cascade				
209409_at	0.00392	2.1	GRB10	growth factor receptor-bound protein 10
212873_at	0.00566	0.7	HA-1	minor histocompatibility antigen HA-1
206302_s_at	8.07E-05	6.6	NUDT4	nudix (nucleoside diphosphate linked moiety X)-type motif 4
206303_s_at	4.86E-06	7.2	NUDT4	nudix (nucleoside diphosphate linked moiety X)-type motif 4
212239_at	0.00123	0.5	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (p85 alpha)
229980_s_at	0.000133	0.4	SNX5	sorting nexin 5
221748_s_at	1.30E-06	12.4	TNS	tensin
226255_at	0.000528	0.7	ZBTB33	zinc finger and BTB domain containing 33
RNA processing				
211623_s_at	0.000214	0.6	FBL	fibrillarin
201054_at	0.000339	0.7	HNRPA0	heterogeneous nuclear ribonucleoprotein A0
232004_at	8.07E-05	0.6	HNRPR	Heterogeneous nuclear ribonucleoprotein R
201517_at	4.82E-05	0.6	NCBP2	nuclear cap binding protein subunit 2, 20kDa
208319_s_at	0.00806	0.5	RBM3	RNA binding motif (RNP1, RRM) protein 3
206111_at	8.96E-06	4.0	RNASE2	ribonuclease, RNase A family, 2
228370_at	2.82E-05	0.6	SNRPN	SNRPN upstream reading frame
201522_x_at	0.000339	0.7	SNRPN /// SNURF	small nuclear ribonucleoprotein polypeptide N
206042_x_at	2.82E-05	0.7	SNRPN /// SNURF	small nuclear ribonucleoprotein polypeptide N
ribosome biogenesis				
203082_at	0.0027	0.7	BMS1L	BMS1-like, ribosome assembly protein (yeast)
201948_at	0.000133	0.6	GNL2	guanine nucleotide binding protein-like 2 (nucleolar)

Protein modification				
212406_s_at	0.0027	0.7	C20orf36	chromosome 20 open reading frame 36
209391_at	0.00123	2.0	DPM2	dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit
203367_at	0.00803	0.7	DUSP14	dual specificity phosphatase 14
226119_at	0.00806	0.6	LOC115294	similar to hypothetical protein FLJ10883
202197_at	0.0027	1.7	MTMR3	myotubularin related protein 3
205005_s_at	4.86E-06	0.5	NMT2	N-myristoyltransferase 2
203966_s_at	0.00081	4.6	PPM1A	protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform
208615_s_at	4.82E-05	0.5	PTP4A2	protein tyrosine phosphatase type IVA, member 2
209180_at	0.00393	0.6	RABGGTB	Rab geranylgeranyltransferase, beta subunit
217977_at	0.000133	2.4	SEPX1	selenoprotein X, 1
222989_s_at	0.00081	2.2	UBQLN1	ubiquilin 1
DNA/Nucleosome assembly				
212672_at	0.000339	0.5	ATM	Ataxia telangiectasia mutated (includes complementation groups A, C and D)
218877_s_at	0.00123	0.5	C6orf75	chromosome 6 open reading frame 75
223518_at	4.86E-06	1.9	DFFA	DNA fragmentation factor, 45kDa, alpha polypeptide
228131_at	0.000339	0.6	ERCC1	Excision repair cross-complementing rodent repair deficiency, complementation group 1
202414_at	0.00081	0.5	ERCC5	excision repair cross-complementing rodent repair deficiency, complementation group 5
200792_at	8.07E-05	0.7	G22P1	thyroid autoantigen 70kDa (Ku antigen)
204528_s_at	0.000528	0.6	NAP1L1	nucleosome assembly protein 1-like 1
212967_x_at	8.07E-05	0.7	NAP1L1	nucleosome assembly protein 1-like 1
213864_s_at	0.000528	0.6	NAP1L1	nucleosome assembly protein 1-like 1
203939_at	0.00393	0.5	NT5E	5'-nucleotidase, ecto (CD73)
212917_x_at	0.000528	0.6	RECQL	RecQ protein-like (DNA helicase Q1-like)
213047_x_at	0.00806	0.7	SET	SET translocation (myeloid leukemia-associated)
40189_at	0.00393	0.7	SET	SET translocation (myeloid leukemia-associated)
208901_s_at	0.00806	1.8	TOP1	topoisomerase (DNA) I
201513_at	0.000528	0.5	TSN	translin
208886_at	0.00123	2.2	H1F0	H1 histone family, member 0
209398_at	0.000528	4.1	HIST1H1C	histone 1, H1c
221493_at	0.00566	0.7	TSPYL1	TSPY-like 1
cell adhesion				
226016_at	0.00183	0.6	CD47	CD47 antigen (Rh-related antigen, integrin-associated signal transducer)
202468_s_at	1.30E-06	5.4	CTNNA1	catenin (cadherin-associated protein), alpha-like 1
226817_at	8.07E-05	2.6	DSC2	desmocollin 2
204714_s_at	0.000133	2.7	F5	coagulation factor V (proaccelerin, labile factor)
205786_s_at	0.0027	1.6	ITGAM	integrin, alpha M (complement component receptor 3, alpha (CD11b))
204563_at	0.00123	1.4	SELL	selectin L (lymphocyte adhesion molecule 1)
225246_at	0.000528	0.7	STIM2	stromal interaction molecule 2
215706_x_at	0.000214	2.2	ZYX	zyxin
chromatin				
238043_at	0.00081	0.6	ARID1B	AT rich interactive domain 1B (SWI1-like)
205062_x_at	0.000339	0.5	ARID4A	AT rich interactive domain 4A (RBP1-like)
227558_at	0.00393	0.5	CBX4	chromobox homolog 4 (Pc class homolog, Drosophila)
213251_at	0.00393	0.6	SMARCA5	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5
other				
211560_s_at	1.30E-06	593.4	ALAS2	aminolevulinate, delta-, synthase 2 (sideroblastic/hypochromic

anemia)

201366_at	8.96E-06	0.6	ANXA7	annexin A7
210027_s_at	1.61E-05	0.7	APEX1	APEX nuclease (multifunctional DNA repair enzyme) 1
244875_at	1.30E-06	5.8	ASMTL	Acetylserotonin O-methyltransferase-like
208677_s_at	2.56E-06	4.7	BSG	basigin (OK blood group)
211727_s_at	0.00183	0.6	COX11	COX11 homolog, cytochrome c oxidase assembly protein (yeast)
215001_s_at	2.82E-05	2.0	GLUL	glutamate-ammonia ligase (glutamine synthase)
217202_s_at	2.56E-06	5.4	GLUL	glutamate-ammonia ligase (glutamine synthase)
220404_at	8.90E-06	5.0	GPR97	G protein-coupled receptor 97
200075_s_at	2.82E-05	2.8	GUK1	guanylate kinase 1
202947_s_at	4.86E-06	5.4	GYPC	glycophorin C (Gerbich blood group)
214470_at	0.00566	0.4	KLRB1	killer cell lectin-like receptor subfamily B, member 1
227250_at	0.000339	7.4	KREMEN1	Kringle containing transmembrane protein 1
201153_s_at	0.000133	0.7	MBNL1	muscleblind-like (Drosophila)
203774_at	0.00081	0.6	MTR	5-methyltetrahydrofolate-homocysteine methyltransferase
201707_at	0.000339	0.6	PEX19	peroxisomal biogenesis factor 19
202446_s_at	4.86E-06	3.1	PLSCR1	phospholipid scramblase 1
200845_s_at	0.000214	0.6	PRDX6	peroxiredoxin 6
226577_at	2.82E-05	1.5	PSEN1	Presenilin 1 (Alzheimer disease 3)
218428_s_at	1.61E-05	0.6	REV1L	REV1-like (yeast)
46665_at	0.0027	0.5	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4C
200652_at	2.82E-05	0.6	SSR2	signal sequence receptor, beta (translocon-associated protein beta)
203887_s_at	0.000528	4.8	THBD	thrombomodulin
207196_s_at	8.96E-06	1.8	TNIP1	TNFAIP3 interacting protein 1
205672_at	0.000214	0.6	XPA	xeroderma pigmentosum, complementation group A
227594_at	0.000528	0.6	ZNF258	zinc finger protein 258

Unknown

205566_at	0.00123	1.8	ABHD2	abhydrolase domain containing 2
226665_at	0.00081	0.4	AHSA2	AHA1, activator of heat shock 90kDa protein ATPase homolog 2 (yeast)
212174_at	8.03E-05	0.7	AK2	adenylate kinase 2
226718_at	2.82E-05	0.5	AMIGO	amphoterin-induced gene and ORF
222108_at	0.00081	0.6	AMIGO2	amphoterin induced gene 2
238439_at	0.00183	6.1	ANKRD22	ankyrin repeat domain 22
239196_at	0.000528	2.5	ANKRD22	ankyrin repeat domain 22
230972_at	4.82E-05	6.7	ANKRD9	ankyrin repeat domain 9
209369_at	0.000337	15.4	ANXA3	annexin A3
202492_at	0.00081	2.0	APG9L1	APG9 autophagy 9-like 1 (S. cerevisiae)
225618_at	0.00183	0.6	ARHGAP27	Rho GTPase activating protein 27
202655_at	2.82E-05	2.1	ARMET	arginine-rich, mutated in early stage tumors
226055_at	1.30E-06	0.5	ARRDC2*	arrestin domain containing 2
215440_s_at	1.30E-06	0.5	BEXL1	brain expressed X-linked-like 1
202201_at	4.82E-05	4.7	BLVRB	biliverdin reductase B (flavin reductase (NADPH))
209846_s_at	0.000528	0.5	BTN3A2	butyrophilin, subfamily 3, member A2
55662_at	0.000339	0.7	C10orf76	chromosome 10 open reading frame 76
213239_at	1.61E-05	0.5	C13orf24	chromosome 13 open reading frame 24
218572_at	2.56E-06	0.4	C14orf123	chromosome 14 open reading frame 123
221932_s_at	1.30E-06	10.7	C14orf87*	chromosome 14 open reading frame 87
203289_s_at	4.86E-06	9.2	C16orf35	chromosome 16 open reading frame 35
214273_x_at	2.82E-05	5.6	C16orf35	chromosome 16 open reading frame 35

221764_at	2.56E-06	4.0	C19orf22	chromosome 19 open reading frame 22
55705_at	1.30E-06	2.9	C19orf22*	chromosome 19 open reading frame 22
226105_at	0.00183	0.6	C1GALT1	Core 1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1,3-galactosyltransferase
224690_at	8.96E-06	7.8	C20orf108	chromosome 20 open reading frame 108
224693_at	1.30E-06	5.3	C20orf108*	chromosome 20 open reading frame 108
225252_at	0.000528	2.5	C20orf139	chromosome 20 open reading frame 139
228291_s_at	0.00566	0.7	C20orf19	chromosome 20 open reading frame 19
223039_at	0.00183	2.4	C22orf13	chromosome 22 open reading frame 13
218518_at	4.82E-05	0.6	C5orf5	chromosome 5 open reading frame 5
220755_s_at	2.56E-06	0.6	C6orf48	chromosome 6 open reading frame 48
226443_at	2.82E-05	1.6	C9orf42	chromosome 9 open reading frame 42
218929_at	0.00393	0.7	CARF	collaborates/cooperates with ARF (alternate reading frame) protein
223084_s_at	0.0027	2.4	CCNDBP1	cyclin D-type binding-protein 1
34210_at	4.86E-06	0.6	CD52	CD52 antigen (CAMPATH-1 antigen)
200663_at	0.00123	1.9	CD63	CD63 antigen (melanoma 1 antigen)
204577_s_at	1.30E-06	0.4	CLUAP1*	clusterin associated protein 1
223431_at	0.0027	0.7	CNO	cappuccino
222702_x_at	1.30E-06	1.6	CRIPT*	postsynaptic protein CRIPT
225216_at	0.00183	0.6	CXorf39	chromosome X open reading frame 39
242292_at	0.000133	0.5	CXorf50	chromosome X open reading frame 50
215785_s_at	2.82E-05	0.5	CYFIP2	cytoplasmic FMR1 interacting protein 2
212690_at	0.00081	0.6	DDHD2	DDHD domain containing 2
201788_at	0.0027	0.6	DDX42	DEAD (Asp-Glu-Ala-Asp) box polypeptide 42
228039_at	4.82E-05	0.5	DDX46	DEAD (Asp-Glu-Ala-Asp) box polypeptide 46
213701_at	0.0027	0.5	DKFZp434N2030	hypothetical protein DKFZp434N2030
227309_at	0.00183	5.3	DKFZp451J1719	hypothetical DKFZp451J1719
202537_s_at	0.0027	0.6	DKFZP564O123	DKFZP564O123 protein
226657_at	1.61E-05	2.6	DKFZp762H185	hypothetical protein DKFZp762H185
225405_at	0.000214	0.6	DKFZp762N1910	Hypothetical protein DKFZp762N1910
220320_at	1.61E-05	2.4	DOK3	docking protein 3
223553_s_at	0.000133	2.9	DOK3	docking protein 3
226009_at	0.000337	2.0	DPCD	deleted in a mouse model of primary ciliary dyskinesia
212830_at	8.07E-05	1.9	EGFL5	EGF-like-domain, multiple 5
212653_s_at	0.00393	0.6	EHBP1	EH domain binding protein 1
215096_s_at	0.000339	0.7	ESD	esterase D/formylglutathione hydrolase
218100_s_at	1.30E-06	0.5	ESRRBL1*	estrogen-related receptor beta like 1
241981_at	0.00183	5.0	FAM20A	family with sequence similarity 20, member A
220547_s_at	0.00566	0.6	FAM35A	family with sequence similarity 35, member A
224820_at	0.00123	0.7	FAM36A	family with sequence similarity 36, member A
201889_at	0.000339	0.6	FAM3C	family with sequence similarity 3, member C
225030_at	0.00123	0.7	FAM44B	family with sequence similarity 44, member B
226811_at	1.30E-06	10.1	FAM46C*	family with sequence similarity 46, member C
204335_at	0.00566	0.5	FLJ10374	hypothetical protein FLJ10374
218545_at	8.07E-05	0.7	FLJ11088	GGA binding partner
217828_at	0.00566	0.7	FLJ13213	hypothetical protein FLJ13213
225350_s_at	0.00566	0.8	FLJ13456	Hypothetical protein FLJ13456
226521_s_at	0.00123	0.6	FLJ13614	hypothetical protein FLJ13614
233543_s_at	0.00803	0.7	FLJ13614	hypothetical protein FLJ13614
212995_x_at	1.61E-05	0.6	FLJ14346	hypothetical protein FLJ14346
225319_s_at	0.0027	2.6	FLJ14775	hypothetical protein FLJ14775

218532_s_at	0.00393	0.5	FLJ20152	hypothetical protein FLJ20152
219093_at	0.000339	0.4	FLJ20701	hypothetical protein FLJ20701
218932_at	0.00123	0.6	FLJ20729	hypothetical protein FLJ20729
51200_at	0.00123	0.5	FLJ20850	hypothetical protein FLJ20850
223528_s_at	0.00183	0.6	FLJ20859	FLJ20859 gene
219029_at	0.000528	0.5	FLJ21657	hypothetical protein FLJ21657
218842_at	0.00183	0.7	FLJ21908	hypothetical protein FLJ21908
218454_at	0.000214	2.3	FLJ22662	hypothetical protein FLJ22662
235052_at	0.000214	0.4	FLJ38451	FLJ38451 protein
64432_at	2.82E-05	0.5	FLJ39616	apoptosis-related protein PNAS-1
208749_x_at	4.82E-05	2.1	FLOT1	flotillin 1
210142_x_at	8.96E-06	2.5	FLOT1	flotillin 1
202232_s_at	4.82E-05	0.5	GA17	dendritic cell protein
224719_s_at	0.00081	0.6	GRCC10	likely ortholog of mouse gene rich cluster, C10 gene
211820_x_at	2.56E-06	8.3	GYPA	glycophorin A (includes MN blood group)
211821_x_at	1.30E-06	36.0	GYPA*	glycophorin A (includes MN blood group)
207459_x_at	8.96E-06	9.1	GYPB	glycophorin B (includes Ss blood group)
214407_x_at	1.30E-06	10.5	GYPB	glycophorin B (includes Ss blood group)
216833_x_at	0.000133	5.8	GYPB	glycophorin B (includes Ss blood group)
205012_s_at	2.56E-06	2.9	HAGH	hydroxyacylglutathione hydrolase
217414_x_at	0.00806	3.1	HBA2	hemoglobin, alpha 2
221425_s_at	0.00393	3.8	HBLD2	HESB like domain containing 2
225584_at	0.00081	0.5	HCG18	CDNA clone IMAGE:5265581, partial cds
217965_s_at	1.61E-05	0.5	HCNGP	transcriptional regulator protein
223252_at	0.00123	1.6	HDGF2	hepatoma-derived growth factor-related protein 2
228736_at	0.00806	0.6	HEL308	DNA helicase HEL308
223670_s_at	2.82E-05	10.2	HEMGN	hemogen
218946_at	0.00081	0.6	HIRIP5	HIRA interacting protein 5
214290_s_at	0.00123	2.4	HIST2H2AA	histone 2, H2aa
218280_x_at	0.000528	2.1	HIST2H2AA	histone 2, H2aa
232209_x_at	0.00566	0.5	HM13	histocompatibility (minor) 13
209787_s_at	0.0027	0.7	HMGN4	high mobility group nucleosomal binding domain 4
211929_at	8.96E-06	0.5	HNRPA3	heterogeneous nuclear ribonucleoprotein A3
203203_s_at	0.00393	0.5	HRB2	HIV-1 rev binding protein 2
225845_at	0.000339	0.6	HSPC063	HSPC063 protein
223124_s_at	0.000133	5.6	HT014	HT014
213804_at	0.00183	0.5	INPP5B	inositol polyphosphate-5-phosphatase, 75kDa
218569_s_at	0.00081	0.4	KBTBD4	kelch repeat and BTB (POZ) domain containing 4
212267_at	0.00081	0.7	KIAA0261	KIAA0261
212355_at	0.0027	1.4	KIAA0323	KIAA0323
204308_s_at	0.000528	1.7	KIAA0329	KIAA0329
201855_s_at	0.00183	0.6	KIAA0431	KIAA0431 protein
212675_s_at	0.00566	0.5	KIAA0582	KIAA0582
34260_at	0.00564	0.5	KIAA0683	KIAA0683 gene product
212201_at	0.00806	0.7	KIAA0692	KIAA0692 protein
228549_at	4.86E-06	0.5	KIAA0792	KIAA0792 gene product
230546_at	0.00806	1.6	KIAA1036	KIAA1036
212754_s_at	0.000339	0.6	KIAA1040	KIAA1040 protein
221495_s_at	0.00393	0.7	KIAA1049	KIAA1049 protein
207765_s_at	0.00806	2.2	KIAA1539	KIAA1539

211433_x_at	0.0027	2.4	KIAA1539	KIAA1539
231850_x_at	1.30E-06	0.5	KIAA1712	KIAA1712
234671_at	0.000339	2.1	KRTAP4-2	keratin associated protein 4-2
208117_s_at	0.000133	0.6	LAS1L	LAS1-like (<i>S. cerevisiae</i>)
223162_s_at	8.96E-06	0.6	LCHN	LCHN protein
209179_s_at	0.000133	2.8	LENG4	leukocyte receptor cluster (LRC) member 4
203276_at	0.00566	3.1	LMNB1	lamin B1
228930_at	2.56E-06	0.5	LOC123722	Hypothetical protein LOC123722
235568_at	8.07E-05	6.3	LOC199675	hypothetical protein LOC199675
235587_at	1.30E-06	0.5	LOC202781*	hypothetical protein LOC202781
35156_at	0.00081	0.6	LOC203069	hypothetical protein LOC203069
222662_at	8.07E-05	2.4	LOC286044	hypothetical protein LOC286044
229323_at	0.00123	0.4	LOC387723	hypothetical LOC387723
216565_x_at	0.00806	1.9	LOC391020	similar to Interferon-induced transmembrane protein 3 (Interferon-inducible protein 1-8U)
225635_s_at	0.000214	0.5	LOC401504	hypothetical gene supported by AK091718
240890_at	4.82E-05	0.5	LOC440066	similar to Caspase-4 precursor (CASP-4) (ICH-2 protease) (TX protease) (ICE(rel)-II)
229872_s_at	0.000339	0.6	LOC440667	LOC440667
237563_s_at	0.000214	2.2	LOC440731	LOC440731
226686_at	0.00081	3.3	LOC493856	similar to RIKEN cDNA 1500009M05 gene
226689_at	0.00393	3.4	LOC493856	similar to RIKEN cDNA 1500009M05 gene
217882_at	2.82E-05	2.2	LOC55831	30 kDa protein
228775_at	0.00081	2.1	LOC55831	30 kDa protein
225705_at	0.00566	0.6	LOC90799	hypothetical protein BC009518
235778_s_at	0.00183	0.5	LOC91526	hypothetical protein DKFZp434D2328
213224_s_at	0.00806	0.5	LOC92482	hypothetical protein LOC92482
228993_s_at	8.07E-05	0.4	LOC92482	hypothetical protein LOC92482
210102_at	1.61E-05	2.1	LOH11CR2A	loss of heterozygosity, 11, chromosomal region 2, gene A
228253_at	2.82E-05	1.5	LOXL3	lysyl oxidase-like 3
219630_at	0.00566	3.9	MAP17	membrane-associated protein 17
220603_s_at	0.0027	2.4	MCTP2	multiple C2-domains with two transmembrane regions 2
223754_at	0.000214	3.3	MGC13057	hypothetical protein MGC13057
227402_s_at	8.07E-05	0.4	MGC14595	hypothetical protein MGC14595
226448_at	8.96E-06	2.4	MGC15887	hypothetical gene supported by BC009447
224759_s_at	0.00566	0.5	MGC17943	hypothetical protein MGC17943
212340_at	0.000528	2.4	MGC21416	hypothetical protein MGC21416
204985_s_at	0.00566	0.5	MGC2650	hypothetical protein MGC2650
229736_at	0.0027	2.1	MGC30208	hypothetical protein MGC30208
235005_at	0.00183	0.5	MGC4562	hypothetical protein MGC4562
221580_s_at	0.00393	0.7	MGC5306	hypothetical protein MGC5306
220615_s_at	0.00393	3.2	MLSTD1	male sterility domain containing 1
239108_at	0.00806	2.4	MLSTD1	Male sterility domain containing 1
211685_s_at	0.000528	0.6	NCALD	neurocalcin delta
210097_s_at	0.00183	0.7	NOL7	nucleolar protein 7, 27kDa
209007_s_at	0.000214	0.4	NPD014	NPD014 protein
219458_s_at	0.00123	1.9	NSUN3	NOL1/NOP2/Sun domain family, member 3
203718_at	0.000133	2.0	NTE	neuropathy target esterase
200649_at	8.07E-05	2.0	NUCB1	nucleobindin 1
217802_s_at	0.00393	0.6	NUCKS	nuclear ubiquitous casein kinase and cyclin-dependent kinase substrate
226726_at	2.56E-06	4.0	OACT2	O-acyltransferase (membrane bound) domain containing 2

223011_s_at	8.96E-06	0.6	OCIAD1	OCIA domain containing 1
241881_at	2.56E-06	13.4	OR2W3	olfactory receptor, family 2, subfamily W, member 3
201245_s_at	0.00393	0.8	OTUB1	OTU domain, ubiquitin aldehyde binding 1
202671_s_at	0.00183	1.7	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase
33760_at	0.000528	0.6	PEX14	peroxisomal biogenesis factor 14
201701_s_at	0.00081	0.5	PGRMC2	progesterone receptor membrane component 2
226247_at	2.82E-05	0.5	PLEKHA1	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1
212705_x_at	8.07E-05	2.7	PNPLA2	patatin-like phospholipase domain containing 2
207000_s_at	2.82E-05	0.5	PPP3CC	protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform (calcineurin A gamma)
32541_at	8.07E-05	0.5	PPP3CC	protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform (calcineurin A gamma)
204507_s_at	8.96E-06	3.3	PPP3R1	protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)
209337_at	0.000339	0.6	PSIP1	PC4 and SFRS1 interacting protein 1
202897_at	0.000337	2.1	PTPNS1	protein tyrosine phosphatase, non-receptor type substrate 1
212168_at	0.00393	0.7	RBM12	RNA binding motif protein 12
225310_at	4.82E-05	0.6	RBMX	RNA binding motif protein, X-linked
213338_at	0.0027	10.5	RIS1	Ras-induced senescence 1
223609_at	0.000214	2.5	ROPN1L	ropporin 1-like
223656_s_at	0.00081	1.5	RP4-622L5	hypothetical protein RP4-622L5
205087_at	8.07E-05	0.6	RWDD3	RWD domain containing 3
214433_s_at	1.30E-06	101.4	SELENBP1	selenium binding protein 1
233587_s_at	0.00081	2.2	SIPA1L2	signal-induced proliferation-associated 1 like 2
203021_at	0.00123	4.4	SLPI	secretory leukocyte protease inhibitor (antileukoproteinase)
211988_at	4.86E-06	0.5	SMARCE1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1
224640_at	0.000528	1.7	SPPL3	signal peptide peptidase 3
201225_s_at	0.000994	0.8	SRRM1	serine/arginine repetitive matrix 1
207320_x_at	0.00081	1.7	STAU	staufen, RNA binding protein (Drosophila)
208948_s_at	0.00566	1.4	STAU	staufen, RNA binding protein (Drosophila)
225396_at	1.30E-06	0.6	SYNCOILIN*	Intermediate filament protein syncoilin
223231_at	0.00081	0.6	TATDN1	TatD DNase domain containing 1
226664_at	0.000214	2.0	TBC1D20	TBC1 domain family, member 20
208089_s_at	0.00269	0.5	TDRD3	tudor domain containing 3
206555_s_at	0.000132	0.5	THUMPD1	THUMP domain containing 1
217979_at	4.82E-05	0.4	TM4SF13	transmembrane 4 superfamily member 13
209890_at	8.07E-05	7.4	TM4SF9	transmembrane 4 superfamily member 9
225387_at	0.000339	8.2	TM4SF9	transmembrane 4 superfamily member 9
225388_at	8.96E-06	4.3	TM4SF9	transmembrane 4 superfamily member 9
218872_at	0.00806	2.7	TSC	hypothetical protein FLJ20607
225180_at	0.0027	0.6	TTC14	tetratricopeptide repeat domain 14
219192_at	0.00564	0.7	UBAP2	ubiquitin associated protein 2
220757_s_at	1.61E-05	5.2	UBXD1	UBX domain containing 1
223012_at	0.000214	4.4	UBXD1	UBX domain containing 1
218050_at	0.00183	0.5	Ufm1	ubiquitin-fold modifier 1
207628_s_at	0.00123	0.7	WBSCR22	Williams Beuren syndrome chromosome region 22
212602_at	0.000133	2.8	WDFY3	WD repeat and FYVE domain containing 3
222804_x_at	2.82E-05	1.9	WDR32	WD repeat domain 32
224789_at	2.56E-06	9.0	WDR40A	WD repeat domain 40A
209216_at	0.00393	2.2	WDR45	WD repeat domain 45
209217_s_at	0.0027	1.7	WDR45	WD repeat domain 45

40829_at	0.00123	1.6	WDTC1	WD and tetratricopeptide repeats 1
223179_at	8.07E-05	3.3	YPEL3	yippee-like 3 (Drosophila)
225629_s_at	4.82E-05	0.7	ZBTB4	zinc finger and BTB domain containing 4
226496_at	4.86E-06	0.5	ZCCHC7	zinc finger, CCHC domain containing 7
222730_s_at	1.30E-06	3.0	ZDHHC2*	zinc finger, DHHC domain containing 2
224593_at	0.00123	0.6	ZFOC1	zinc finger protein ZFOC1
221848_at	0.00393	0.6	ZGPAT	zinc finger, CCCH-type with G patch domain
57539_at	0.00123	0.7	ZGPAT	zinc finger, CCCH-type with G patch domain
221626_at	0.000339	0.5	ZNF506	zinc finger protein 506
227670_at	2.82E-05	0.6	ZNF75A	zinc finger protein 75a
226680_at	0.000528	0.6	ZNFN1A5	Zinc finger protein, subfamily 1A, 5
225131_at	0.0027	2.2	ZRANB1	zinc finger, RAN-binding domain containing 1
212893_at	0.00393	0.6	ZZZ3	zinc finger, ZZ domain containing 3
200067_x_at	0.00806	2.0	---	---
208540_x_at	0.000528	2.3	---	---
209193_at	0.00806	2.5	---	---
211781_x_at	4.82E-05	5.5	---	---
211994_at	4.82E-05	2.8	---	Clone A9A2BRB5 (CAC)n/(GTG)n repeat-containing mRNA.
213048_s_at	0.000528	0.5	---	---
213416_at	0.00081	0.6	---	---
213608_s_at	4.82E-05	4.7	---	Similar to SRR1-like protein
214394_x_at	2.56E-06	0.5	---	---
215604_x_at	4.82E-05	0.4	---	---
215963_x_at	1.61E-05	0.5	---	---
216177_at	0.000528	0.4	---	---
216508_x_at	0.00392	0.6	---	---
216570_x_at	1.30E-06	0.6	---	---
217019_at	8.07E-05	0.4	---	---
217499_x_at	0.000528	1.8	---	PREDICTED: Homo sapiens olfactory receptor, family 7, subfamily E, member 31 pseudogene (OR7E31P), mRNA
217946_s_at	0.00566	0.7	---	---
221963_x_at	0.000213	0.7	---	---
222431_at	0.000339	0.6	---	---
224709_s_at	0.00123	0.6	---	---
224752_at	0.000528	3.0	---	Homo sapiens, Similar to hypothetical protein MGC10526, clone IMAGE:4133906, mRNA
224929_at	0.00123	1.6	---	---
225176_at	0.000528	0.6	---	MSTP146 (MST146)
225492_at	0.00566	1.7	---	CDNA FLJ32412 fis, clone SKMUS2000690
225595_at	0.00806	0.3	---	MRNA; cDNA DKFZp566P1124 (from clone DKFZp566P1124)
225856_at	0.000339	0.6	---	Homo sapiens, clone IMAGE:5267398, mRNA
226179_at	1.30E-06	20.9	---	FP15737
226272_at	0.000528	0.6	---	Full length insert cDNA clone ZD79H10
226542_at	0.00566	1.9	---	Full-length cDNA clone CS0DJ002YF02 of T cells (Jurkat cell line)
226765_at	0.00393	0.4	---	Cot 10-normalized of Homo sapiens (human)
227184_at	0.00123	2.0	---	---
228390_at	0.00183	0.4	---	Transcribed locus, weakly similar to NP_071385.1 chromosome 6 open reading frame 79 [Homo sapiens]
228634_s_at	1.61E-05	3.0	---	Homo sapiens, clone IMAGE:5259272, mRNA
228812_at	0.00566	0.5	---	---
228853_at	0.00393	0.6	---	Transcribed locus, weakly similar to NP_689672.2 hypothetical protein MGC45438 [Homo sapiens]

229064_s_at	0.0027	0.5	---	---
229111_at	0.00806	0.5	---	---
229220_x_at	0.0027	0.4	---	Homo sapiens, clone IMAGE:4151011, mRNA
229373_at	0.00393	2.3	---	Transcribed locus
229498_at	0.00183	3.1	---	MRNA; cDNA DKFZp779M2422 (from clone DKFZp779M2422)
229832_x_at	4.82E-05	2.6	---	---
230208_at	0.000528	2.1	---	Transcribed locus
230739_at	0.00183	0.7	---	CAMP-binding guanine nucleotide exchange factor IV (cAMP-GEFIV) mRNA, clone W15, partial sequence
231039_at	0.0027	0.6	---	Transcribed locus
231225_at	0.00564	0.6	---	Transcribed locus, weakly similar to XP_512872.1 similar to Zinc finger protein 83 (HPF1) [Pan troglodytes]
231274_s_at	8.96E-06	15.7	---	---
231688_at	0.00806	30.3	---	Transcribed locus
233068_at	0.000528	0.6	---	CDNA FLJ13202 fis, clone NT2RP3004503
234969_s_at	8.96E-06	0.6	---	---
234973_at	0.000214	2.5	---	---
235014_at	0.00081	0.6	---	---
235124_at	0.00393	0.7	---	CDNA FLJ35228 fis, clone PROST2001283
235199_at	0.00566	0.6	---	Transcribed locus, weakly similar to XP_513408.1
235466_s_at	0.00806	0.5	---	Transcribed locus
236081_at	1.30E-06	18.0	---	Transcribed locus
236196_at	0.00806	0.7	---	CDNA FLJ42548 fis, clone BRACE3004996
236198_at	4.86E-06	0.4	---	Transcribed locus
236280_at	0.00123	0.5	---	Transcribed locus
236301_at	0.00123	0.5	---	Full length insert cDNA clone YY82H04
237299_at	0.000214	3.3	---	Transcribed locus, moderately similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens]
238431_at	0.000339	0.6	---	Transcribed locus, weakly similar to NP_055301.1 neuronal thread protein AD7c-NTP [Homo sapiens]
239278_at	0.000214	0.6	---	Homo sapiens, clone IMAGE:5301129, mRNA
241143_at	0.00806	1.5	---	---
242104_at	0.00806	0.5	---	CDNA FLJ46553 fis, clone THYMU3038879
242335_at	1.30E-06	6.4	---	FP15737
242841_at	0.00325	1.7	---	Full length insert cDNA clone YS02G11
243024_at	0.00393	1.5	---	---
244008_at	2.82E-05	0.7	---	Transcribed locus
244189_at	4.79E-05	0.5	---	---
36553_at	1.30E-06	0.4	---	---
65472_at	0.00393	0.5	---	Hypothetical LOC388969

List of 873 genes distinguishing SOJIA patients from healthy volunteers ($P < 0.01$, Wilcoxon-Mann-Whitney test, Bonferroni correction). Genes are grouped based on gene ontology.

*, 50 most significant genes.