

Supplemental Table 2a. Genes upregulated in CD4+ cells from early and chronic HIV patients when compared to samples from uninfected and non-progressive donors

Affymetrix Probe ID	Entrez Gene ID	Entrez Symbol	Gene	Fold Change	In CD8?
206513_at	9447	AIM2	absent in melanoma 2	1.78	Yes
202124_s_at	66008	ALS2CR3	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3	1.35	No
202125_s_at	66008	ALS2CR3	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3	1.31	No
206133_at	54739	BIRC4BP	XIAP associated factor-1	2.58	Yes
202095_s_at	332	BIRC5	baculoviral IAP repeat-containing 5 (survivin)	2.10	Yes
201641_at	684	BST2	bone marrow stromal cell antigen 2	1.47	Yes
209642_at	699	BUB1	BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast)	2.78	Yes
218542_at	55165	C10orf3	chromosome 10 open reading frame 3	2.34	Yes
218741_at	79019	C22orf18	chromosome 22 open reading frame 18	2.15	Yes
208925_at	56650	C3orf4	chromosome 3 open reading frame 4	1.84	Yes
213322_at	221443	C6orf130	chromosome 6 open reading frame 130	1.39	Yes
209970_x_at	834	CASP1	caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)	1.53	Yes
212097_at	857	CAV1	caveolin 1, caveolae protein, 22kDa	1.94	No
213294_at	253635	CCDC75	Coiled-coil domain containing 75	2.43	Yes
213226_at	890	CCNA2	Cyclin A2	1.69	Yes
206991_s_at	1234	CCR5	chemokine (C-C motif) receptor 5	2.35	Yes
205692_s_at	952	CD38	CD38 antigen (p45)	2.74	Yes
203213_at	983	CDC2	Cell division cycle 2, G1 to S and G2 to M	1.98	Yes
218085_at	51510	CHMP5	chromatin modifying protein 5	1.79	No
219356_s_at	51510	CHMP5	chromatin modifying protein 5	1.49	No
218943_s_at	23586	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	1.59	No
203764_at	9787	DLG7	discs, large homolog 7 (Drosophila)	1.96	Yes
222154_s_at	26010	DNAPTTP6	DNA polymerase-transactivated protein 6	3.57	Yes
218585_s_at	51514	DTL	denticleless homolog (Drosophila)	1.67	Yes
204858_s_at	1890	ECGF1	endothelial cell growth factor 1 (platelet-derived)	1.86	Yes
204211_x_at	5610	EIF2AK2	eukaryotic translation initiation factor 2-alpha kinase 2	2.17	Yes
203358_s_at	2146	EZH2	enhancer of zeste homolog 2 (Drosophila)	1.34	Yes
202345_s_at	2171	FABP5	fatty acid binding protein 5 (psoriasis-associated)	1.86	Yes
218875_s_at	26271	FBXO5	F-box protein 5	1.53	Yes
213008_at	55215	FLJ10719	hypothetical protein FLJ10719	2.74	Yes
218986_s_at	55601	FLJ20035	hypothetical protein FLJ20035	2.92	Yes
220169_at	80008	FLJ23235	hypothetical protein FLJ23235	1.80	Yes
219806_s_at	56935	FN5	FN5 protein	1.99	Yes
205483_s_at	9636	G1P2	interferon, alpha-inducible protein (clone IFI-15K)	3.08	Yes
204415_at	2537	G1P3	interferon, alpha-inducible protein (clone IFI-6-16)	2.75	Yes
202269_x_at	2633	GBP1	guanylate binding protein 1, interferon-inducible, 67kDa OR guanylate binding protein 1, interfere	1.57	Yes
202270_at	2633	GBP1	guanylate binding protein 1, interferon-inducible, 67kDa OR guanylate binding protein 1, interfere	1.96	Yes
219539_at	79833	GEMIN6	gem (nuclear organelle) associated protein 6	2.92	Yes
219243_at	55303	GIMAP4	GTPase, IMAP family member 4	1.95	Yes
207651_at	29809	GPR171	G protein-coupled receptor 171	1.67	Yes
218663_at	64151	HCAP-G	chromosome condensation protein G	4.40	Yes
219863_at	51191	HERC5	hect domain and RLD 5	2.07	Yes
219352_at	55008	HERC6	hect domain and RLD 6	2.84	Yes
206332_s_at	3428	IFI16	interferon, gamma-inducible protein 16	1.39	Yes
208965_s_at	3428	IFI16	interferon, gamma-inducible protein 16	1.61	Yes
208966_x_at	3428	IFI16	interferon, gamma-inducible protein 16	1.46	Yes
202411_at	3429	IFI27	interferon, alpha-inducible protein 27	9.71	Yes
209417_s_at	3430	IFI35	interferon-induced protein 35	1.82	Yes
214059_at	10561	IFI44	Interferon-induced protein 44	1.87	Yes
214453_s_at	10561	IFI44	interferon-induced protein 44	5.42	Yes
204439_at	10964	IFI44L	interferon-induced protein 44-like	17.96	Yes
219209_at	64135	IFIH1	interferon induced with helicase C domain 1	1.62	Yes
203153_at	3434	IFIT1	interferon-induced protein with tetratricopeptide repeats 1 OR interferon-induced protein with te	5.66	Yes
204747_at	3437	IFIT3	interferon-induced protein with tetratricopeptide repeats 3	2.96	Yes
212203_x_at	10410	IFITM3	interferon induced transmembrane protein 3 (1-8U)	1.49	No
219684_at	64108	IFRG28	28kD interferon responsive protein	2.02	Yes
211430_s_at	3492 OR 3500 OR 3501 OR 3502 OR 3507 OR IGHG1 OR IGHG2 OR IGHG3 OR	IGHG1 OR IGHG2 OR IGHG3 OR	immunoglobulin heavy locus OR immunoglobulin heavy constant gamma 1 (G1m marker) OR	5.42	Yes
216510_x_at	3493 OR 3495 OR 3500 OR 3507 OR 39071-R IGHD OR IGHD1 OR IGHM OR LO	IGHD OR IGHD1 OR IGHM OR LO	immunoglobulin heavy constant alpha 1 OR immunoglobulin heavy constant delta OR immuno	5.47	Yes
213674_x_at	3495	IGHD	immunoglobulin heavy constant delta	17.77	Yes
212592_at	3512	IGJ	Immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides	4.27	No
211645_x_at	3514	IGKC	Immunoglobulin kappa light chain (IGKV) mRNA variable region, joining region, and constant r	4.46	Yes
214669_x_at	3514	IGKC	Immunoglobulin kappa variable 1-5	2.91	Yes
215176_x_at	388978	IGKC	Immunoglobulin kappa light chain variable region (IGKV gene), clone 25	7.34	Yes
214836_x_at	28299 OR 3514	IGKC OR IGKV1-5	immunoglobulin kappa constant OR immunoglobulin kappa variable 1-5	2.86	Yes
221651_x_at	28299 OR 3514	IGKC OR IGKV1-5	immunoglobulin kappa constant OR immunoglobulin kappa variable 1-5	6.06	Yes
221671_x_at	28299 OR 3514	IGKC OR IGKV1-5	immunoglobulin kappa constant OR immunoglobulin kappa variable 1-5	7.07	Yes
216207_x_at	28902	IGKV1D-13	immunoglobulin kappa variable 1D-13	2.50	Yes
214677_x_at	28793	IGL@	immunoglobulin lambda locus	5.40	No
215121_x_at	28793	IGL@	immunoglobulin lambda locus	12.81	No
215379_x_at	28793	IGL@	immunoglobulin lambda locus	3.97	No
211798_x_at	28831	IGLJ3	immunoglobulin lambda joining 3	3.68	Yes
217148_x_at	28815	IGLV2-14	immunoglobulin lambda variable 2-14	3.03	No
209138_x_at	10901 OR 28793 OR 3538	IGLV3-25 OR DHRS4 OR IGLC2	Immunoglobulin lambda constant 1 (Mcg marker) OR Dehydrogenase/reductase (SDR family)	7.66	Yes
215214_at	28793 OR 3538	IGLV3-25 OR IGLC2	Immunoglobulin lambda constant 1 (Mcg marker) OR Immunoglobulin lambda joining 3	4.65	Yes
208436_s_at	3665	IRF7	interferon regulatory factor 7	1.93	Yes
202503_s_at	9768	KIAA0101	KIAA0101	2.97	Yes
214712_at	440352	KIAA0220	Similar to BTG3 associated nuclear protein isoform b	1.76	No
204444_at	3832	KIF11	kinesin family member 11	2.41	Yes
209408_at	11004	KIF2C	kinesin family member 2C	1.50	Yes
218355_at	24137	KIF4A	kinesin family member 4A	1.73	No
206785_s_at	3821 OR 3822	KLRC1 OR KLRC2	killer cell lectin-like receptor subfamily C, member 1 OR killer cell lectin-like receptor subfamily	2.22	No
206486_at	3902	LAG3	lymphocyte-activation gene 3	1.80	Yes
205569_at	27074	LAMP3	lysosomal-associated membrane protein 3	4.86	Yes
217933_s_at	51056	LAP3	leucine aminopeptidase 3	1.61	Yes
203276_at	4001	LAMB1	lamin B1	1.53	Yes
215946_x_at	91353	LOC91353	similar to omega protein	2.16	No
202145_at	4061	LY6E	lymphocyte antigen 6 complex, locus E	2.08	Yes
206584_at	23643	LY96	lymphocyte antigen 96	1.45	No
200723_s_at	4076	M11S1	membrane component, chromosome 11, surface marker 1	1.43	No
204825_at	9833	MELK	maternal embryonic leucine zipper kinase	2.10	Yes
219812_at	79037	MGC2463	hypothetical protein MGC2463	1.46	Yes
211637_x_at	192 OR 3500 OR 3507 OR 388025 OR 3880:C27165 OR IGH@ OR IGHG1 OR IG	IGH@ OR IGHG1 OR IG	Immunoglobulin heavy chain variable region (VH IV family) from IgM rheumatoid factor OR Irm	2.75	Yes
204173_at	140465	MLC1SA	myosin light chain 1 slow a	1.53	Yes
208907_s_at	28973	MRPS18B	mitochondrial ribosomal protein S18B	1.37	Yes
212859_x_at	4493	MT1E	metallothionein 1E (functional)	1.71	Yes
217165_x_at	4494	MT1F	metallothionein 1F (functional)	1.54	Yes
216336_x_at	4499	MT1M	Metallothionein 1M	1.47	Yes
208581_x_at	4501	MT1X	metallothionein 1X	1.45	No
201761_at	10797	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methylenetetrahydrofolate cy	1.46	Yes
202086_at	4599	MX1	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse) OR myxoviru	4.64	Yes
204994_at	4600	MX2	myxovirus (influenza virus) resistance 2 (mouse)	1.84	Yes
204641_at	4751	NEK2	NIMA (never in mitosis gene a)-related kinase 2	1.76	Yes
218039_at	51203	NUSAP1	nucleolar and spindle associated protein 1	4.69	Yes
202869_at	4938	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa	3.86	Yes
205552_s_at	4938	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa	3.05	Yes
204972_at	4939	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	2.04	Yes
218400_at	4940	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	2.49	Yes
210797_s_at	8638	OASL	2'-5'-oligoadenylate synthetase-like	1.67	Yes
218809_at	80025	PANK2	pantothenate kinase 2 (Hallervorden-Spatz syndrome)	1.35	Yes

218543_s_at	64761	PARP12	poly (ADP-ribose) polymerase family, member 12	1.55	Yes
211023_at	5162	PDHB	pyruvate dehydrogenase (lipoamide) beta	1.42	Yes
220576_at	80055	PGAP1	GPI deacylase	1.90	No
202430_s_at	5359	PLSCR1	phospholipid scramblase 1	3.00	Yes
202446_s_at	5359	PLSCR1	phospholipid scramblase 1	2.69	Yes
205267_at	5450	POU2AF1	POU domain, class 2, associating factor 1	2.23	Yes
208680_at	5052	PRDX1	peroxiredoxin 1	1.47	Yes
201619_at	10935	PRDX3	peroxiredoxin 3	1.61	Yes
201923_at	10549	PRDX4	peroxiredoxin 4	1.39	No
203396_at	5685	PSMA4	proteasome (prosome, macropain) subunit, alpha type, 4	1.43	Yes
201274_at	5686	PSMA5	proteasome (prosome, macropain) subunit, alpha type, 5	1.51	Yes
204279_at	5698	PSMB9	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	1.47	Yes
201762_s_at	5721	PSME2	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)	1.45	Yes
203554_x_at	9232	PTTG1	pituitary tumor-transforming 1	1.55	Yes
203344_s_at	5932	RBBP8	retinoblastoma binding protein 8	1.43	Yes
218117_at	9978	RBX1	ring-box 1	1.57	Yes
201890_at	6241	RRM2	ribonucleotide reductase M2 polypeptide	2.68	Yes
209773_s_at	6241	RRM2	ribonucleotide reductase M2 polypeptide	2.83	Yes
213797_at	91543	RSAD2	radical S-adenosyl methionine domain containing 2	3.34	Yes
205241_at	9997	SCO2	SCO cytochrome oxidase deficient homolog 2 (yeast)	1.55	Yes
217724_at	26135	SERPBP1	SERPINE 1 mRNA binding protein 1	1.38	No
220485_s_at	55423	SIRPB2	signal-regulatory protein beta 2	1.35	Yes
204240_s_at	10592	SMC2L1	SMC2 structural maintenance of chromosomes 2-like 1 (yeast)	1.65	Yes
212577_at	23347	SMCHD1	structural maintenance of chromosomes flexible hinge domain containing 1	1.42	No
208012_x_at	3431	SP110	SP110 nuclear body protein	1.40	Yes
208392_x_at	3431	SP110	SP110 nuclear body protein	1.48	Yes
209762_x_at	3431	SP110	SP110 nuclear body protein	1.41	Yes
201138_s_at	6741	SSB	Sjogren syndrome antigen B (autoantigen La)	1.27	No
200887_s_at	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	1.52	Yes
209969_s_at	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	2.09	Yes
AFFX-HUMISGF3A/M97935_3_at	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	1.57	Yes
AFFX-HUMISGF3A/M97935_5_at	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	1.70	Yes
AFFX-HUMISGF3A/M97935_MA_ε	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	1.64	Yes
AFFX-HUMISGF3A/M97935_MB_ε	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	1.45	Yes
32402_s_at	8189	SYMPK	sympleskin	1.52	No
208716_s_at	54499	TMCO1	transmembrane and coiled-coil domains 1	1.51	Yes
202687_s_at	8743	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10 OR tumor necrosis factor (ligand) super	1.64	Yes
202688_at	8743	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10 OR tumor necrosis factor (ligand) super	1.72	Yes
214329_x_at	8743	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10 OR tumor necrosis factor (ligand) super	2.91	Yes
201291_s_at	7153	TOP2A	topoisomerase (DNA) II alpha 170kDa	2.99	Yes
201292_at	7153	TOP2A	topoisomerase (DNA) II alpha 170kDa	3.89	Yes
213830_at	6964	TRD@	T-cell receptor-delta mRNA, 3' end OR T cell receptor delta locus	1.66	No
213293_s_at	10346	TRIM22	tripartite motif-containing 22	1.59	No
203567_s_at	10475	TRIM38	tripartite motif-containing 38	1.47	Yes
204822_at	7272	TTK	TTK protein kinase	1.86	Yes
202589_at	7298	TYMS	thymidylate synthetase	2.13	Yes
201649_at	9246	UBE2L6	ubiquitin-conjugating enzyme E2L 6	1.42	Yes
219211_at	11274	USP18	ubiquitin specific peptidase 18	5.07	Yes
203869_at	64854	USP46	ubiquitin specific peptidase 46	1.96	No
218069_at	79077	XTP3TPA	XTP3-transactivated protein A	1.50	Yes
208087_s_at	81030	ZBP1	Z-DNA binding protein 1 OR Z-DNA binding protein 1	1.66	Yes
218349_s_at	55055	ZWILCH	Zwilch, kinetochore associated, homolog (Drosophila)	1.41	Yes
204026_s_at	11130	ZWINT	ZW10 interactor	1.63	Yes

Supplemental Table 2b. Genes upregulated in CD8+ cells from early and chronic HIV patients when compared to samples from uninfected and non-progressive donors

Affymetrix Probe ID	Entrez Gene ID	Entrez Symbol	Gene	Fold Change	In CD4?
202170_s_at	60496	AASDHPTP	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase	1.30	No
208002_s_at	11332	ACOT7	acyl-CoA thioesterase 7	2.07	No
202767_at	53	ACP2	acid phosphatase 2, lysosomal	1.47	No
204638_at	54	ACP5	acid phosphatase 5, tartrate resistant	1.59	No
200721_s_at	10121	ACTR1A	ARP1 actin-related protein 1 homolog A, centractin alpha (yeast)	1.57	No
213102_at	10096	ACTR3	ARP3 actin-related protein 3 homolog (yeast)	1.47	No
204639_at	100	ADA	adenosine deaminase	1.88	No
216705_s_at	100	ADA	adenosine deaminase	1.89	No
208847_s_at	128	ADH5	alcohol dehydrogenase 5 (class III), chi polypeptide	1.40	No
206513_at	9447	AIM2	absent in melanoma 2	2.45	Yes
202760_s_at	11217 OR 445815	AKAP2 OR PALM2-AKAP2	A kinase (PRKA) anchor protein 2 OR PALM2-AKAP2 protein	2.57	No
200782_at	308	ANXA5	annexin A5	1.66	No
209635_at	1174	AP1S1	adaptor-related protein complex 1, sigma 1 subunit	1.49	No
206632_s_at	9582	APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B	2.37	No
209584_x_at	27350	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C	1.78	No
204205_at	60489	APOBEC3G	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G	1.57	No
209546_s_at	8542	APOL1	apolipoprotein L 1	1.81	No
218527_at	54840	APTX	apratxin	1.37	No
218501_at	50650	ARHGEF3	Rho guanine nucleotide exchange factor (GEF) 3	1.40	No
207988_s_at	10109	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	1.54	No
213513_x_at	10109	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	1.31	No
218115_at	55723	ASF1B	ASF1 anti-silencing function 1 homolog B (S. cerevisiae)	2.23	No
212041_at	9114	ATP6V0D1	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d isoform 1	1.39	No
208898_at	51382	ATP6V1D	ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D	2.01	No
208899_x_at	51382	ATP6V1D	ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D	1.62	No
205416_s_at	4287	ATXN3	ataxin 3	1.63	No
209464_at	9212	AURKB	aurora kinase B	2.40	No
210243_s_at	8703	B4GALT3	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 3	1.35	No
205345_at	580	BARD1	BRCA1 associated RING domain 1	3.52	No
205965_at	10538	BATF	basic leucine zipper transcription factor, ATF-like	1.64	No
208445_s_at	9031	BAZ1B	bromodomain adjacent to zinc finger domain, 1B	1.57	No
206133_at	54739	BIRC4BP	XIAP associated factor-1	2.70	Yes
202095_s_at	332	BIRC5	baculoviral IAP repeat-containing 5 (survivin)	8.36	Yes
204531_s_at	672	BRCA1	breast cancer 1, early onset	4.46	No
201641_at	684	BST2	bone marrow stromal cell antigen 2	1.64	Yes
209642_at	699	BUB1	BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast)	3.10	Yes
203755_at	701	BUB1B	BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yeast)	2.42	No
218542_at	55165	C10orf3	chromosome 10 open reading frame 3	5.57	Yes
218597_s_at	55847	C10orf70	chromosome 10 open reading frame 70	1.76	No
218852_at	55012	C14orf10	chromosome 14 open reading frame 10	1.34	No
218298_s_at	80017	C14orf159	chromosome 14 open reading frame 159	1.49	No
201683_x_at	9878	C14orf92	chromosome 14 open reading frame 92	1.46	No
219283_at	29071	C1GALT1C1	C1GALT1-specific chaperone 1	1.88	No
215691_x_at	51668	C1orf41	chromosome 1 open reading frame 41	1.83	No
218783_at	25896	C1orf73	chromosome 1 open reading frame 73	2.65	No
209927_s_at	26097	C1orf77	chromosome 1 open reading frame 77	1.52	No
219004_s_at	54069	C21orf45	chromosome 21 open reading frame 45	1.36	No
218741_at	79019	C22orf18	chromosome 22 open reading frame 18	5.92	Yes
219288_at	57415	C3orf14	chromosome 3 open reading frame 14	2.74	No
208925_at	56650	C3orf4	chromosome 3 open reading frame 4	1.93	Yes
213322_at	221443	C6orf130	chromosome 6 open reading frame 130	1.53	Yes
218195_at	79624	C6orf211	chromosome 6 open reading frame 211	1.70	No
218979_at	80010	C9orf76	chromosome 9 open reading frame 76	1.59	No
208374_s_at	829	CAPZA1	capping protein (actin filament) muscle Z-line, alpha 1	1.54	No
209970_x_at	834	CASP1	caspace 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)	1.47	Yes

211368_s_at	834	CASP1	caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)	1.61	Yes
207181_s_at	840	CASP7	caspase 7, apoptosis-related cysteine peptidase	1.55	No
221912_s_at	79140	CCDC28B	coiled-coil domain containing 28B	2.00	No
213294_at	253635	CCDC75	Coiled-coil domain containing 75	1.77	Yes
205114_s_at	414062 OR 6348 OR 6349	CCL3 OR CCL3L1 OR CCL3L3	chemokine (C-C motif) ligand 3 OR chemokine (C-C motif) ligand 3-like 1 OR chemokine (C-C motif) ligand 3-like 2	2.65	No
213226_at	890	CCNA2	Cyclin A2	2.85	Yes
202705_at	9133	CCNB2	cyclin B2	5.42	No
213523_at	898	CCNE1	cyclin E1	1.47	No
204826_at	899	CCNF	cyclin F	2.23	No
205098_at	1230	CCR1	chemokine (C-C motif) receptor 1	2.29	No
205099_s_at	1230	CCR1	chemokine (C-C motif) receptor 1	4.07	No
206978_at	1231	CCR2	chemokine (C-C motif) receptor 2 OR chemokine (C-C motif) receptor 2	1.46	No
206991_s_at	1234	CCR5	chemokine (C-C motif) receptor 5	3.06	Yes
202256_at	10421	CD2BP2	CD2 antigen (cytoplasmic tail) binding protein 2	1.50	No
202257_s_at	10421	CD2BP2	CD2 antigen (cytoplasmic tail) binding protein 2	1.61	No
205692_s_at	952	CD38	CD38 antigen (p45)	5.04	Yes
203213_at	983	CDCC2	Cell division cycle 2, G1 to S and G2 to M	4.39	Yes
203214_x_at	983	CDCC2	cell division cycle 2, G1 to S and G2 to M	2.66	Yes
210559_s_at	983	CDCC2	cell division cycle 2, G1 to S and G2 to M	4.25	Yes
202870_s_at	991	CDC20	CDC20 cell division cycle 20 homolog (S. cerevisiae)	4.66	No
203968_s_at	990	CDC6	CDC6 cell division cycle 6 homolog (S. cerevisiae)	2.29	No
209714_s_at	1033	CDKN3	cyclin-dependent kinase inhibitor 3 (CDK2-associated dual specificity phosphatase)	2.28	No
209832_s_at	81620	CDT1	DNA replication factor	2.42	No
204962_s_at	1058	CENPA	centromere protein A, 17kDa	3.25	No
210821_x_at	1058	CENPA	centromere protein A, 17kDa	1.57	No
207828_s_at	1063	CENPF	centromere protein F, 350/400ka (mitosin)	3.86	No
209172_s_at	1063	CENPF	centromere protein F, 350/400ka (mitosin) OR centromere protein F, 350/400ka (mitosin)	2.41	No
219150_s_at	11033	CENTA1	centaurin, alpha 1	1.60	No
205393_s_at	1111	CHEK1	CHK1 checkpoint homolog (S. pombe)	2.35	No
205394_at	1111	CHEK1	CHK1 checkpoint homolog (S. pombe)	3.09	No
213060_s_at	1117	CHI3L2	chitinase 3-like 2 OR chitinase 3-like 2	2.96	No
202121_s_at	27243	CHMP2A	chromatin modifying protein 2A	1.51	No
218927_s_at	55501	CHST12	carbohydrate (chondroitin 4) sulfotransferase 12	1.83	No
204170_s_at	1164	CKS2	CDC28 protein kinase regulatory subunit 2	1.61	No
219529_at	9022	CLIC3	chloride intracellular channel 3	1.79	No
216295_s_at	1211	CLTA	clathrin, light polypeptide (Lca)	1.68	No
208912_s_at	1267	CNP	2',3'-cyclic nucleotide 3' phosphodiesterase	1.73	No
212189_s_at	25839	COG4	component of oligomeric golgi complex 4	1.38	No
218048_at	23412	COMM3	COMM domain containing 3	1.59	No
209132_s_at	54939	COMM4	COMM domain containing 4	1.49	No
201098_at	9276	COPB2	coatamer protein complex, subunit beta 2 (beta prime)	1.57	No
221059_s_at	23406	COTL1	coactosin-like 1 (Dictyostelium)	1.67	No
203663_s_at	9377	COX5A	cytochrome c oxidase subunit Va	1.48	No
204172_at	1371	CPOX	coproporphyrinogen oxidase	1.58	No
218643_s_at	9419	CRIP1	postsynaptic protein CRIP1	1.50	No
203947_at	1479	CSTF3	cleavage stimulation factor, 3' pre-RNA, subunit 3, 77kDa	1.47	No
202613_at	1503	CTPS	CTP synthase	1.61	No
205898_at	1524	CX3CR1	chemokine (C-X3-C motif) receptor 1	2.66	No
204923_at	54440	CXorf9	chromosome X open reading frame 9	1.83	No
212133_at	23191	CYFIP1	Cytoplasmic FMR1 interacting protein 1	1.53	No
203409_at	1643 OR 8022	DDB2 OR LHX3	damage-specific DNA binding protein 2, 48kDa OR LIM homeobox 3	1.75	No
202447_at	1666	DECR1	2,4-dienoyl CoA reductase 1, mitochondrial	1.71	No
221081_s_at	79961	DENND2D	DENN/MADD domain containing 2D	1.81	No
220295_x_at	55635	DEPDC1	DEP domain containing 1	1.89	No
200862_at	1718	DHCR24	24-dehydrocholesterol reductase	1.53	No
219350_s_at	56616	DIABLO	diablo homolog (Drosophila)	1.31	No
212333_at	25940	DKFZP564F0522	DKFZP564F0522 protein	1.43	No
221265_s_at	81556	DKFZP564O1664	DKFZP564O1664 OR hypothetical protein DKFZP564O1664	1.41	No
215629_s_at	79469 OR 8847	DLEU2 OR BCMSUNL	deleted in lymphocytic leukemia, 2 OR BCMS upstream neighbor-like	1.51	No
216870_x_at	79469 OR 8847	DLEU2 OR BCMSUNL	deleted in lymphocytic leukemia, 2 OR BCMS upstream neighbor-like	1.78	No
203764_at	9787	DLG7	discs, large homolog 7 (Drosophila)	7.19	Yes
218435_at	29103	DNAJC15	DnaJ (Hsp40) homolog, subfamily C, member 15	1.43	No
222154_s_at	26010	DNAPT6	DNA polymerase-transactivated protein 6	3.71	Yes
200703_at	8655	DNCL1	dynein, cytoplasmic, light polypeptide 1	1.66	No
216835_s_at	1796	DOK1	docking protein 1, 62kDa (downstream of tyrosine kinase 1)	1.45	No
218567_x_at	10072	DPP3	dipeptidylpeptidase 3	1.68	No
218585_s_at	51514	DTL	denticleless homolog (Drosophila)	4.93	Yes
208956_x_at	1854	DUT	dUTP pyrophosphatase	1.46	No
209932_s_at	1854	DUT	dUTP pyrophosphatase	1.71	No
2028_s_at	1869	E2F1	E2F transcription factor 1	1.53	No
219990_at	79733	E2F8	E2F transcription factor 8	3.22	No
204858_s_at	1890	ECGF1	endothelial cell growth factor 1 (platelet-derived)	1.93	Yes
217497_at	1890	ECGF1	endothelial cell growth factor 1 (platelet-derived)	2.48	Yes
219787_s_at	1894	ECT2	epithelial cell transforming sequence 2 oncogene	2.45	No
209572_s_at	8726	EED	embryonic ectoderm development	1.47	No
204211_x_at	5610	EIF2AK2	eukaryotic translation initiation factor 2-alpha kinase 2	1.87	Yes
202461_at	8892	EIF2B2	eukaryotic translation initiation factor 2B, subunit 2 beta, 39kDa	1.60	No
201144_s_at	1965	EIF2S1	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa	1.46	No
208985_s_at	8669	EIF3S1	eukaryotic translation initiation factor 3, subunit 1 alpha, 35kDa	1.53	No
209393_s_at	9470	EIF4E2	eukaryotic translation initiation factor 4E member 2	1.53	No
201767_s_at	60528	ELAC2	elaC homolog 2 (E. coli)	1.59	No
219017_at	55500	ETNK1	ethanolamine kinase 1	2.54	No
203358_s_at	2146	EZH2	enhancer of zeste homolog 2 (Drosophila)	2.56	Yes
202345_s_at	2171	FABP5	fatty acid binding protein 5 (psoriasis-associated)	2.23	Yes
209683_at	81553	FAM49A	Family with sequence similarity 49, member A	1.92	No
205775_at	26240	FAM50B	family with sequence similarity 50, member B	1.56	No
203564_at	2189	FANCG	Fanconi anemia, complementation group G	1.58	No
218397_at	55120	FANCL	Fanconi anemia, complementation group L	1.94	No
218875_s_at	26271	FBXO5	F-box protein 5	2.22	Yes
207813_s_at	2232	FDXR	ferredoxin reductase	1.84	No
204767_s_at	2237	FEN1	flap structure-specific endonuclease 1	1.90	No
204768_s_at	2237	FEN1	flap structure-specific endonuclease 1	1.82	No
202949_s_at	2274	FHL2	four and a half LIM domains 2	2.30	No
213007_at	55215	FLJ10719	hypothetical protein FLJ10719	2.44	Yes
213008_at	55215	FLJ10719	hypothetical protein FLJ10719	13.49	Yes
219056_at	79621	FLJ11712	hypothetical protein FLJ11712	1.33	No
201818_at	79888	FLJ12443	hypothetical protein FLJ12443	1.79	No
218986_s_at	55601	FLJ20035	hypothetical protein FLJ20035	2.45	Yes
219696_at	54530	FLJ20054	hypothetical protein FLJ20054	1.55	No
219258_at	54962	FLJ20516	timeless-interacting protein	1.53	No
218646_at	54969	FLJ20534	hypothetical protein FLJ20534	1.38	No
220060_s_at	55010	FLJ20641	hypothetical protein FLJ20641	1.75	No
217872_at	55011	FLJ20643	hypothetical protein FLJ20643	1.33	No
220169_at	80008	FLJ23235	hypothetical protein FLJ23235	2.22	Yes
219806_s_at	56935	FN5	FN5 protein	3.14	Yes
205483_s_at	9636	G1P2	interferon, alpha-inducible protein (clone IFI-15K)	3.52	Yes
204415_at	2537	G1P3	interferon, alpha-inducible protein (clone IFI-6-16)	2.49	Yes
201503_at	10146	G3BP	Ras-GTPase-activating protein SH3-domain-binding protein	1.48	No
212378_at	2618	GART	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phospho	1.42	No
212379_at	2618	GART	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phospho	1.68	No
202269_x_at	2633	GBP1	guanylate binding protein 1, interferon-inducible, 67kDa OR guanylate binding protein 1, interfe	1.99	Yes
202270_at	2633	GBP1	guanylate binding protein 1, interferon-inducible, 67kDa OR guanylate binding protein 1, interfe	2.50	Yes

204224_s_at	2643	GCH1	GTP cyclohydrolase 1 (dopa-responsive dystonia)	1.61	No
219539_at	79833	GEMIN6	gem (nuclear organelle) associated protein 6	4.78	Yes
219243_at	55303	GIMAP4	GTPase, IMAP family member 4	2.23	Yes
217814_at	57003	GK001	GK001 protein	1.62	No
207153_s_at	11146	GLMN	glomulin, FKBP associated protein	2.05	No
218350_s_at	51053	GMNN	geminin, DNA replication inhibitor	2.16	No
207651_at	29909	GPR171	G protein-coupled receptor 171	2.00	Yes
209990_s_at	9568	GPR51	G protein-coupled receptor 51	1.76	No
202451_at	2965	GT2H1	general transcription factor IIH, polypeptide 1, 62kDa	1.85	No
205488_at	3001	GZMA	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3) OR granzyme	1.66	No
210164_at	3002	GZMB	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) OR granzyme	1.96	No
213911_s_at	3015	H2AFZ	H2A histone family, member Z	1.35	No
218662_s_at	64151	HCAP-G	chromosome condensation protein G	2.29	Yes
218663_at	64151	HCAP-G	chromosome condensation protein G	5.34	Yes
206082_at	10866	HCP5	HLA complex P5	1.53	No
219863_at	51191	HERC5	hect domain and RLD 5	2.33	Yes
219352_at	55008	HERC6	hect domain and RLD 6	2.39	Yes
59999_at	55662	HIF1AN	hypoxia-inducible factor 1, alpha subunit inhibitor	1.43	No
217478_s_at	3108	HLA-DMA	major histocompatibility complex, class II, DM alpha	1.50	No
210982_s_at	3122	HLA-DRA	major histocompatibility complex, class II, DR alpha	2.06	No
208808_s_at	3148	HMG2	high-mobility group box 2	1.50	No
203744_at	3149	HMG3	high-mobility group box 3	1.91	No
207165_at	3161	HMMR	hyaluronan-mediated motility receptor (RHAMM)	4.39	No
209709_s_at	3161	HMMR	hyaluronan-mediated motility receptor (RHAMM)	2.26	No
204779_s_at	3217	HOBX7	homeo box B7	1.98	No
200942_s_at	3281	HSPB1	heat shock factor binding protein 1	1.53	No
220081_x_at	51478	HSD17B7	hydroxysteroid (17-beta) dehydrogenase 7	1.54	No
200799_at	3303	HSPA1A	heat shock 70kDa protein 1A	2.06	No
200800_s_at	3303 OR 3304	HSPA1A OR HSPA1B	heat shock 70kDa protein 1A OR heat shock 70kDa protein 1B	2.01	No
218026_at	28958	HSPC009	HSPC009 protein	1.74	No
209448_at	10553	HTATIP2	HIV-1 Tat interactive protein 2, 30kDa	1.54	No
210046_s_at	3418	IDH2	isocitrate dehydrogenase 2 (NADP+), mitochondrial	1.80	No
206332_s_at	3428	IFI16	interferon, gamma-inducible protein 16	1.75	Yes
208965_s_at	3428	IFI16	interferon, gamma-inducible protein 16	2.19	Yes
208966_x_at	3428	IFI16	interferon, gamma-inducible protein 16	1.89	Yes
202411_at	3429	IFI27	interferon, alpha-inducible protein 27	17.57	Yes
209417_s_at	3430	IFI35	interferon-induced protein 35	2.62	Yes
214059_at	10561	IFI44	Interferon-induced protein 44	2.06	Yes
214453_s_at	10561	IFI44	interferon-induced protein 44	5.81	Yes
204439_at	10964	IFI44L	interferon-induced protein 44-like	30.90	Yes
219209_at	64135	IFIH1	interferon induced with helicase C domain 1	1.83	Yes
203153_at	3434	IFIT1	interferon-induced protein with tetratricopeptide repeats 1 OR interferon-induced protein with te	7.71	Yes
204747_at	3437	IFIT3	interferon-induced protein with tetratricopeptide repeats 3	3.22	Yes
219684_at	64108	IFR28	28kD interferon responsive protein	2.31	Yes
211430_s_at	3492 OR 3500 OR 3501 OR 3502 OR 3507 OR IGHG1 OR IGHG2 OR IGHG3 OR	immunoglobulin heavy locus OR immunoglobulin heavy constant gamma 1 (G1m marker) OR	5.01	Yes	
216510_x_at	3493 OR 3495 OR 3500 OR 3507 OR 39071-R IGHD OR IGHG1 OR IGHM OR LO	immunoglobulin heavy constant alpha 1 OR immunoglobulin heavy constant delta OR immuno	4.67	Yes	
213674_x_at	3495	IGHD	immunoglobulin heavy constant delta	19.82	Yes
214973_x_at	3495	IGHD	immunoglobulin heavy constant delta	2.68	Yes
217236_x_at	3500	IGHG1	Immunoglobulin heavy constant gamma 1 (G1m marker)	2.44	No
209374_s_at	3507	IGHM	immunoglobulin heavy constant mu	3.21	No
211641_x_at	3507 OR 388025	IGHM	Isolate Middle91 immunoglobulin heavy chain variable region (IGVH) OR Isolate Middle91 imm	1.69	No
211645_x_at	3514	IGKC	Immunoglobulin kappa light chain (IGKV) mRNA variable region, joining region, and constant r	3.24	Yes
214669_x_at	3514	IGKC	Immunoglobulin kappa variable 1-5	2.53	Yes
215176_x_at	388978	IGKC	Immunoglobulin kappa light chain variable region (IGKV gene), clone 25	4.33	Yes
217157_x_at	3514	IGKC	IGK mRNA for immunoglobulin kappa light chain VLJ region, partial cds, clone:K142	2.30	Yes
214836_x_at	28299 OR 3514	IGKC OR IGKV1-5	immunoglobulin kappa constant OR immunoglobulin kappa variable 1-5	2.41	Yes
221651_x_at	28299 OR 3514	IGKC OR IGKV1-5	immunoglobulin kappa constant OR immunoglobulin kappa variable 1-5	4.63	Yes
221671_x_at	28299 OR 3514	IGKC OR IGKV1-5	immunoglobulin kappa constant OR immunoglobulin kappa variable 1-5	4.61	Yes
216207_x_at	28902	IGKV1D-13	immunoglobulin kappa variable 1D-13	2.20	Yes
215121_x_at	38793 OR 28815 OR 3535 OR 3537 OR 3538 OR IGLC1 OR IGLC2 OR IGLV3-25 OR IGLV	immunoglobulin lambda locus OR immunoglobulin lambda constant 1 (Mcg marker) OR immu	4.76	No	
214677_x_at	OR 28815 OR 28831 OR 3535 OR 3537 OR 3538 OR IGLC1 OR IGLC2 OR IGLV3-25 OR IGLV	immunoglobulin lambda locus OR immunoglobulin lambda constant 1 (Mcg marker) OR immu	5.98	No	
215379_x_at	OR 28815 OR 28831 OR 3535 OR 3537 OR 3538 OR IGLC1 OR IGLC2 OR IGLV3-25 OR IGLV	immunoglobulin lambda locus OR immunoglobulin lambda constant 1 (Mcg marker) OR immu	3.36	No	
211798_x_at	28831	IGLJ3	immunoglobulin lambda joining 3	2.91	Yes
211881_x_at	28831	IGLJ3	immunoglobulin lambda joining 3	2.03	Yes
217179_x_at	28831	IGLJ3	(clone 9F2L) Ig rearranged L-chain mRNA V-region, 5' end	2.68	Yes
209138_x_at	10901 OR 28793 OR 3538	IGLV3-25 OR DHRS4 OR IGLC2	Immunoglobulin lambda constant 1 (Mcg marker) OR Dehydrogenase/reductase (SDR family)	5.44	Yes
215214_at	28793 OR 3538	IGLV3-25 OR IGLC2	Immunoglobulin lambda constant 1 (Mcg marker) OR Immunoglobulin lambda joining 3	3.24	Yes
209929_s_at	8517	IKBK	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	1.44	No
201234_at	3611	ILK	integrin-linked kinase	1.39	No
208436_s_at	3665	IRF7	interferon regulatory factor 7	2.51	Yes
204698_at	3669	ISG20	interferon stimulated exonuclease gene 20kDa	1.45	No
203882_at	10379	ISGF3G	interferon-stimulated transcription factor 3, gamma 48kDa	1.36	No
205841_at	3717	JAK2	Janus kinase 2 (a protein tyrosine kinase)	2.45	No
205842_s_at	3717	JAK2	Janus kinase 2 (a protein tyrosine kinase)	1.62	No
203204_s_at	9682	JMJD2A	jumonji domain containing 2A	1.63	No
202138_x_at	7965	JTV1	JTV1 gene	1.46	No
209971_x_at	7965	JTV1	JTV1 gene	1.46	No
212380_at	23070	KIAA0082	KIAA0082	1.43	No
202503_s_at	9768	KIAA0101	KIAA0101	6.11	Yes
211713_x_at	9768	KIAA0101	KIAA0101 OR KIAA0101	2.35	Yes
200616_s_at	9761	KIAA0152	KIAA0152	1.57	No
212405_s_at	51603	KIAA0859	KIAA0859	1.71	No
204444_at	3832	KIF11	kinesin family member 11	4.06	Yes
206364_at	9928	KIF14	kinesin family member 14	2.58	No
219306_at	56992	KIF15	kinesin family member 15	3.18	No
209408_at	11004	KIF2C	kinesin family member 2C	2.40	Yes
204162_at	10403	KNTC2	kinetochore associated 2	2.38	No
214352_s_at	3845	KRAS	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog	1.63	No
206486_at	3902	LAG3	lymphocyte-activation gene 3	2.38	Yes
205569_at	27074	LAMP3	lysosomal-associated membrane protein 3	3.27	Yes
217933_s_at	51056	LAP3	leucine aminopeptidase 3	1.76	Yes
213261_at	9881	LBA1	lupus brain antigen 1	1.37	No
203236_s_at	3965	LGALS9	lectin, galactoside-binding, soluble, 9 (galectin 9)	1.09	No
203276_at	4001	LMBN1	lamin B1	3.19	Yes
222039_at	146909	LOC146909	hypothetical protein LOC146909	2.27	No
217480_x_at	339562	LOC339562	similar to Ig kappa chain	1.85	No
202209_at	27258	LSM3	LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae)	1.43	No
219588_s_at	54892	LUZP5	leucine zipper protein 5	2.25	No
218729_at	56925	LXN	latexin	2.30	No
202145_at	4061	LY6E	lymphocyte antigen 6 complex, locus E	2.35	Yes
210943_s_at	1130	LYST	lysosomal trafficking regulator	1.39	No
219003_s_at	79694	MANEA	mannosidase, endo-alpha	2.21	No
203836_s_at	4217	MAP3K5	mitogen-activated protein kinase kinase kinase 5	1.41	No
203942_s_at	2011	MARK2	MAP/microtubule affinity-regulating kinase 2	1.78	No
202107_s_at	4171	MCM2	MCM2 minichromosome maintenance deficient 2, mitotin (S. cerevisiae)	2.70	No
212142_at	4173	MCM4	MCM4 minichromosome maintenance deficient 4 (S. cerevisiae)	2.00	No
222036_s_at	4173	MCM4	MCM4 minichromosome maintenance deficient 4 (S. cerevisiae)	2.40	No
201755_at	4174	MCM5	MCM5 minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae)	2.44	No
216237_s_at	4174	MCM5	MCM5 minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae)	2.44	No
201930_at	4175	MCM6	MCM6 minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe) (S. cerevisiae)	2.26	No
218163_at	28985	MCTS1	malignant T cell amplified sequence 1	1.42	No
213127_s_at	112950	MED8	mediator of RNA polymerase II transcription, subunit 8 homolog (yeast)	1.44	No

204825_at	9833	MELK	maternal embryonic leucine zipper kinase	3.48	Yes
219812_at	79037	MGC2463	hypothetical protein MGC2463	1.54	Yes
221637_s_at	79081	MGC2477	hypothetical protein MGC2477	1.68	No
211637_x_at	192 OR 3500 OR 3507 OR 388025 OR 3880:C27165 OR	IGH@ OR IGHG1 OR IG	Immunoglobulin heavy chain variable region (VH IV family) from IgM rheumatoid factor OR Imr	3.62	Yes
218903_s_at	79035	MGC2731	hypothetical protein MGC2731	1.52	No
218130_at	79415	MGC4368	hypothetical protein MGC4368	1.55	No
213851_at	375346	MGC52022	Similar to RIKEN cDNA 1810038N08 gene	1.57	No
206247_at	4277	MICB	MHC class I polypeptide-related sequence B	1.72	No
212020_s_at	4288	MKI67	antigen identified by monoclonal antibody Ki-67	2.73	No
204173_at	140465	MLC1SA	myosin light chain 1 slow a	2.38	Yes
218883_s_at	79682	MLF1IP	MLF1 interacting protein	2.38	No
220615_s_at	55711	MLSTD1	male sterility domain containing 1	2.90	No
205395_s_at	4361	MRE11A	MRE11 meiotic recombination 11 homolog A (S. cerevisiae)	1.82	No
218027_at	29088	MRPL15	mitochondrial ribosomal protein L15	1.49	No
213897_s_at	6150	MRPL23	mitochondrial ribosomal protein L23	1.61	No
204599_s_at	10573	MRPL28	mitochondrial ribosomal protein L28	1.43	No
203800_s_at	63931	MRPS14	mitochondrial ribosomal protein S14	1.79	No
208907_s_at	28973	MRS18B	mitochondrial ribosomal protein S18B	1.57	Yes
212859_x_at	4493	MT1E	metallothionein 1E (functional)	1.76	Yes
210524_x_at	4494	MT1F	metallothionein 1F (functional)	1.65	Yes
213629_x_at	4494	MT1F	metallothionein 1F (functional)	1.68	Yes
217165_x_at	4494	MT1F	metallothionein 1F (functional)	1.55	Yes
216336_x_at	4499	MT1M	metallothionein 1M	1.61	Yes
202309_at	4522	MTDFD1	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methylenetetrahydrofolate cy	1.84	No
201761_at	10797	MTDFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methylenetetrahydrofolate cy	1.60	Yes
222132_s_at	55750	MULK	multiple substrate lipid kinase	1.63	No
202086_at	4599	MX1	myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse) OR myxoviru	5.45	Yes
204994_at	4600	MX2	myxovirus (influenza virus) resistance 2 (mouse)	1.97	Yes
213733_at	4542	MYO1F	myosin IF	1.78	No
201969_at	4678	NASP	nuclear autoantigenic sperm protein (histone-binding)	1.42	No
214440_at	9	NAT1	N-acetyltransferase 1 (arylamine N-acetyltransferase)	1.62	No
209520_s_at	4686	NCBP1	nuclear cap binding protein subunit 1, 80kDa	1.69	No
209734_at	3071	NCKAP1L	NCK-associated protein 1-like	1.64	No
204125_at	51103	NDUFAF1	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1	1.77	No
203371_s_at	4709	NDUFB3	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa	1.48	No
201966_at	4720	NDUFS2	NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase)	1.46	No
33767_at	4744	NEFH	neurofilament, heavy polypeptide 200kDa	1.73	No
204641_at	4751	NEK2	NIMA (never in mitosis gene a)-related kinase 2	8.98	Yes
203830_at	64149	NJMU-R1	protein kinase Njmu-R1	1.78	No
203964_at	9111	NMI	N-myc (and STAT) interactor	1.62	No
217962_at	55505	NOLA3	nucleolar protein family A, member 3 (H/ACA small nucleolar RNPs)	1.43	No
215093_at	50814	NSDHL	NAD(P) dependent steroid dehydrogenase-like	1.37	No
209731_at	4913	NTHL1	nth endonuclease III-like 1 (E. coli)	1.52	No
204766_s_at	4521	NUDT1	nudix (nucleoside diphosphate linked moiety X)-type motif 1	2.26	No
219665_at	79873	NUDT18	nudix (nucleoside diphosphate linked moiety X)-type motif 18	1.47	No
218622_at	79023	NUP37	nucleoporin 37kDa	1.52	No
202153_s_at	23636	NUP62	nucleoporin 62kDa	1.58	No
218039_at	51203	NUSAP1	nucleolar and spindle associated protein 1	3.86	Yes
219978_s_at	51203	NUSAP1	nucleolar and spindle associated protein 1	4.90	Yes
202869_at	4938	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa	5.27	Yes
205552_s_at	4938	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa	4.60	Yes
204972_at	4939	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	3.03	Yes
218400_at	4940	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	2.16	Yes
205660_at	8638	OASL	2'-5'-oligoadenylate synthetase-like	2.27	Yes
210797_s_at	8638	OASL	2'-5'-oligoadenylate synthetase-like	2.05	Yes
213599_at	11339	OIP5	Opa interacting protein 5	2.14	No
202759_s_at	445815	PALM2-AKAP2	PALM2-AKAP2 protein	1.68	No
218809_at	80025	PANK2	pantothenate kinase 2 (Hallervorden-Spatz syndrome)	1.49	Yes
203905_at	5073	PARN	poly(A)-specific ribonuclease (deadenylation nuclease)	1.30	No
218543_s_at	64761	PARP12	poly (ADP-ribose) polymerase family, member 12	1.76	Yes
219148_at	55872	PBK	PDZ binding kinase	3.19	No
201933_at	5119	PCOLN3	procollagen (type III) N-endopeptidase	1.47	No
211023_at	5162	PDHB	pyruvate dehydrogenase (lipoamide) beta	1.54	Yes
221521_s_at	51659	Pfs2	DNA replication complex GINS protein PSF2	27.97	No
215134_at	55361	PI4KII	phosphatidylinositol 4-kinase type II	1.46	No
205078_at	5281	PIGF	phosphatidylinositol glycan, class F	1.62	No
204613_at	5336	PLCG2	phospholipase C, gamma 2 (phosphatidylinositol-specific)	2.61	No
202430_s_at	5359	PLSCR1	phospholipid scramblase 1	3.35	Yes
202446_s_at	5359	PLSCR1	phospholipid scramblase 1	3.09	Yes
213241_at	10154	PLXNC1	plexin C1	1.53	No
204285_s_at	5366	PMAIP1	phorbol-12-myristate-13-acetate-induced protein 1	1.48	No
204441_s_at	23649	POLA2	polymerase (DNA directed), alpha 2 (70kD subunit)	1.92	No
205909_at	5427	POLE2	polymerase (DNA directed), epsilon 2 (p59 subunit)	2.31	No
202868_s_at	10775	POPA	processing of precursor 4, ribonuclease P/MRP subunit (S. cerevisiae)	1.45	No
205267_at	5450	POU2AF1	POU domain, class 2, associating factor 1	2.13	Yes
201602_s_at	4659	PPP1R12A	protein phosphatase 1, regulatory (inhibitor) subunit 12A	1.54	No
213305_s_at	5527	PPP2R5C	protein phosphatase 2, regulatory subunit B (B56), gamma isoform	1.47	No
208932_at	5531	PPP4C	protein phosphatase 4 (formerly X), catalytic subunit	1.48	No
208680_at	5052	PRDX1	peroxiredoxin 1	1.50	Yes
201619_at	10935	PRDX3	peroxiredoxin 3	2.74	Yes
204117_at	5550	PREP	prolyl endopeptidase	1.38	No
37950_at	5550	PREP	prolyl endopeptidase	1.34	No
214617_at	5551	PRF1	perforin 1 (pore forming protein) OR perforin 1 (pore forming protein)	1.72	No
206102_at	9837	PSF1	DNA replication complex GINS protein PSF1	3.38	No
203396_at	5685	PSMA4	proteasome (prosome, macropain) subunit, alpha type, 4	1.90	Yes
201274_at	5686	PSMA5	proteasome (prosome, macropain) subunit, alpha type, 5	1.98	Yes
208805_at	5687	PSMA6	proteasome (prosome, macropain) subunit, alpha type, 6	1.60	No
202659_at	5699	PSMB10	proteasome (prosome, macropain) subunit, beta type, 10	1.79	No
200039_s_at	5690	PSMB2	proteasome (prosome, macropain) subunit, beta type, 2 OR proteasome (prosome, macropain	1.96	No
209040_s_at	5696	PSMB8	proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)	1.62	No
204279_at	5698	PSMB9	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	1.59	Yes
201252_at	5704	PSMC4	proteasome (prosome, macropain) 26S subunit, ATPase, 4	1.46	No
201762_s_at	5721	PSME2	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)	1.86	Yes
201896_s_at	84722	PSRC1	proline/serine-rich coiled-coil 1	1.40	No
204852_s_at	5778	PTPN7	protein tyrosine phosphatase, non-receptor type 7	1.53	No
203554_x_at	9232	PTTG1	pituitary tumor-transforming 1	2.03	Yes
218135_at	51290	PTX1	PTX1 protein	1.41	No
201606_s_at	11137	PWP1	PWP1 homolog (S. cerevisiae)	1.48	No
221666_s_at	29108	PYCARD	PYD and CARD domain containing	1.74	No
218700_s_at	8934	RAB7L1	RAB7, member RAS oncogene family-like 1	1.41	No
222077_s_at	29127	RACGAP1	Rac GTPase activating protein 1	2.22	No
204146_at	10635	RAD51AP1	RAD51 associated protein 1	3.41	No
202844_s_at	10928	RALBP1	ra1A binding protein 1	1.42	No
209444_at	5910	RAP1GDS1	RAP1, GTP-GDP dissociation stimulator 1	1.36	No
204070_at	5920	RARRS3	retinoic acid receptor responder (tazarotene induced) 3	1.41	No
203344_s_at	5932	RBBP8	retinoblastoma binding protein 8	2.55	Yes
218117_at	9978	RBX1	ring-box 1	1.63	Yes
218599_at	9985	REC8L1	REC8-like 1 (yeast)	1.46	No
212917_x_at	5965	RECQL	RecQ protein-like (DNA helicase Q1-like)	1.46	No
202297_s_at	11079	RER1	RER1 retention in endoplasmic reticulum 1 homolog (S. cerevisiae)	1.27	No
204127_at	5983	RFC3	replication factor C (activator 1) 3, 38kDa	1.68	No
202758_s_at	8625	RFXANK	regulatory factor X-associated ankyrin-containing protein	1.33	No

203823_at	5998	RGS3	regulator of G-protein signalling 3	1.45	No
203022_at	10535	RNASEH2A	ribonuclease H2, large subunit	1.53	No
219035_s_at	80196	RNF34	ring finger protein 34	1.43	No
203160_s_at	9025	RNF8	ring finger protein 8	1.33	No
209507_at	6119	RPA3	replication protein A3, 14kDa	1.76	No
201890_at	6241	RRM2	ribonucleotide reductase M2 polypeptide	7.68	Yes
209773_s_at	6241	RRM2	ribonucleotide reductase M2 polypeptide	7.99	Yes
213797_at	91543	RSAD2	radical S-adenosyl methionine domain containing 2	4.21	Yes
200660_at	6282	S100A11	S100 calcium binding protein A11 (calgizzarin)	1.50	No
219691_at	54809	SAMD9	sterile alpha motif domain containing 9	1.96	No
205241_at	9997	SCO2	SCO cytochrome oxidase deficient homolog 2 (yeast)	1.93	Yes
207707_s_at	6396	SEC13L1	SEC13-like 1 (S. cerevisiae)	1.33	No
216392_s_at	11196	SEC23IP	SEC23 interacting protein	1.95	No
210116_at	4068	SH2D1A	SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome)	1.56	No
207351_s_at	9047	SH2D2A	SH2 domain protein 2A	1.74	No
219493_at	79801	SHCBP1	SHC SH2-domain binding protein 1	4.02	No
202276_at	7979	SHFM1	split hand/foot malformation (ectrodactyly) type 1	1.88	No
220485_s_at	55423	SIRPB2	signal-regulatory protein beta 2	1.47	Yes
219159_s_at	57823	SLAMF7	SLAM family member 7	1.75	No
209610_s_at	6509	SLC1A4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	1.99	No
212811_x_at	6509	SLC1A4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	1.79	No
209003_at	8402	SLC25A11	solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11	1.35	No
203658_at	788	SLC25A20	solute carrier family 25 (carnitine/acylcarnitine translocase), member 20	1.66	No
205768_s_at	11001	SLC27A2	solute carrier family 27 (fatty acid transporter), member 2	2.93	No
205769_at	11001	SLC27A2	solute carrier family 27 (fatty acid transporter), member 2	2.53	No
218519_at	55032	SLC35A5	solute carrier family 35, member A5	1.58	No
201827_at	6603	SMARCD2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2	1.63	No
204240_s_at	10592	SMC2L1	SMC2 structural maintenance of chromosomes 2-like 1 (yeast)	2.32	Yes
213253_at	10592	SMC2L1	SMC2 structural maintenance of chromosomes 2-like 1 (yeast)	1.73	Yes
201663_s_at	10051	SMC4L1	SMC4 structural maintenance of chromosomes 4-like 1 (yeast)	2.02	No
201664_at	10051	SMC4L1	SMC4 structural maintenance of chromosomes 4-like 1 (yeast)	2.00	No
218327_s_at	9342	SNAP29	synaptosomal-associated protein, 29kDa	1.53	No
220140_s_at	29916	SNX11	sorting nexin 11	1.65	No
201563_at	6652	SORD	sorbitol dehydrogenase	1.46	No
202863_at	6672	SP100	nuclear antigen Sp100	1.47	No
210218_s_at	6672	SP100	nuclear antigen Sp100	1.65	No
208012_x_at	3431	SP110	SP110 nuclear body protein	1.47	Yes
209762_x_at	3431	SP110	SP110 nuclear body protein	1.43	Yes
207777_s_at	11262	SP140	SP140 nuclear body protein	1.45	No
209891_at	57405	SPBC25	spindle pole body component 25 homolog (S. cerevisiae)	2.49	No
217995_at	58472	SQRDL	sulfide quinone reductase-like (yeast)	1.46	No
203605_at	6729	SRP54	signal recognition particle 54kDa	1.64	No
200028_s_at	56910	STARD7	START domain containing 7 OR START domain containing 7	1.38	No
200887_s_at	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	1.52	Yes
209969_s_at	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	3.07	Yes
AFFX-HUMISGF3A/M97935_5_at	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	1.92	Yes
\AFFX-HUMISGF3A/M97935_MA_ε	6772	STAT1	signal transducer and activator of transcription 1, 91kDa	1.82	Yes
202951_at	11329	STK38	serine/threonine kinase 38	1.51	No
208079_s_at	6790	STK6	serine/threonine kinase 6	4.92	No
200783_s_at	3925	STMN1	stathmin 1/oncoprotein 18	1.75	No
217874_at	8802	SUCLG1	succinate-CoA ligase, GDP-forming, alpha subunit	1.45	No
202307_s_at	6890	TAP1	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	2.30	No
201263_at	6897	TARS	threonyl-tRNA synthetase	1.45	No
212685_s_at	26608	TBL2	transducin (beta)-like 2	1.52	No
213951_s_at	29893	TBPIP	TBP-1 interacting protein	1.62	No
212330_at	7027	TFDP1	transcription factor Dp-1	1.67	No
218357_s_at	26521	TIMM8B	translocase of inner mitochondrial membrane 8 homolog B (yeast)	1.55	No
214773_x_at	261726	TIPRL	TIP41, TOR signalling pathway regulator-like (S. cerevisiae)	1.61	No
208716_s_at	54499	TMCO1	transmembrane and coiled-coil domains 1	1.60	Yes
211098_x_at	54499	TMCO1	transmembrane and coiled-coil domains 1	1.55	Yes
220177_s_at	64699	TMPRSS3	transmembrane protease, serine 3	1.46	No
214657_s_at	283131	TncRNA	Full-length cDNA clone CSOD1085YB07 of Placenta Cot 25-normalized of Homo sapiens (hum:)	1.56	No
202687_s_at	8743	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10 OR tumor necrosis factor (ligand) super	1.98	Yes
202688_at	8743	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10 OR tumor necrosis factor (ligand) super	1.99	Yes
214329_x_at	8743	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10 OR tumor necrosis factor (ligand) super	3.65	Yes
214550_s_at	23534	TNPO3	transportin 3	1.64	No
208901_s_at	7150	TOP1	topoisomerase (DNA) I	1.37	No
201291_s_at	7153	TOP2A	topoisomerase (DNA) II alpha 170kDa	8.59	Yes
201292_at	7153	TOP2A	topoisomerase (DNA) II alpha 170kDa	4.97	Yes
202349_at	1861	TOR1A	torsin family 1, member A (torsin A)	1.38	No
210052_s_at	22974	TPX2	TPX2, microtubule-associated, homolog (Xenopus laevis)	3.92	No
213888_s_at	80342	TRAF3IP3	TRAF3 interacting protein 3	1.62	No
35254_at	10906	TRAFD1	TRAF-type zinc finger domain containing 1	1.68	No
217959_s_at	51399	TRAPP4	trafficking protein particle complex 4	1.50	No
212872_s_at	9477	TRFP	Trf (TATA binding protein-related factor)-proximal homolog (Drosophila)	1.45	No
204804_at	6737	TRIM21	tripartite motif-containing 21	1.47	No
203567_s_at	10475	TRIM38	tripartite motif-containing 38	1.43	Yes
203732_at	9325	TRIP4	thyroid hormone receptor interactor 4	1.34	No
221952_x_at	57570	TRMT5	TRM5 tRNA methyltransferase 5 homolog (S. cerevisiae)	1.45	No
212852_s_at	6738	TROVE2	TROVE domain family, member 2	1.36	No
204822_at	7272	TTK	TTK protein kinase	4.39	Yes
212320_at	203068	TUBB	tubulin, beta polypeptide	1.56	No
201714_at	7283	TUBG1	tubulin, gamma 1	2.11	No
208864_s_at	7295	TXN	thioredoxin	1.47	No
203008_x_at	10190	TXNDC9	thioredoxin domain containing 9	1.64	No
211758_x_at	10190	TXNDC9	thioredoxin domain containing 9 OR thioredoxin domain containing 9	1.73	No
202589_at	7298	TYMS	thymidylate synthetase	5.76	Yes
201899_s_at	7319	UBE2A	ubiquitin-conjugating enzyme E2A (RAD6 homolog)	1.56	No
202954_at	11065	UBE2C	ubiquitin-conjugating enzyme E2C	2.18	No
200684_s_at	7332	UBE2L3	ubiquitin-conjugating enzyme E2L 3	1.46	No
201649_at	9246	UBE2L6	ubiquitin-conjugating enzyme E2L 6	1.63	Yes
202330_s_at	7374	UNG	uracil-DNA glycosylase	1.89	No
202412_s_at	7398	USP1	ubiquitin specific peptidase 1	1.62	No
219211_at	11274	USP18	ubiquitin specific peptidase 18	5.55	Yes
208845_at	7419	VDAC3	voltage-dependent anion channel 3	1.32	No
205922_at	8875	VNN2	vanin 2 OR vanin 2	1.52	No
217727_x_at	55737	VPS35	vacuolar protein sorting 35 (yeast)	1.41	No
221998_s_at	51231	VRK3	vaccinia related kinase 3	1.60	No
202665_s_at	7456	WASPIP	Wiskott-Aldrich syndrome protein interacting protein	1.49	No
201886_at	80344	WDR23	WD repeat domain 23	1.53	No
221744_at	10238	WDR68	WD repeat domain 68	1.61	No
221745_at	10238	WDR68	WD repeat domain 68	1.64	No
218069_at	79077	XTP3TPA	XTP3-transactivated protein A	1.70	Yes
212048_s_at	8565	YARS	tyrosyl-tRNA synthetase	1.55	No
202418_at	10897	YIF1A	Yip1 interacting factor homolog A (S. cerevisiae)	1.33	No
210996_s_at	7531	YWHAE	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	1.64	No
221613_s_at	54469	ZA20D3	zinc finger, A20 domain containing 3	1.59	No
208087_s_at	81030	ZBP1	Z-DNA binding protein 1 OR Z-DNA binding protein 1	2.28	Yes
220933_s_at	79670	ZCCHC6	zinc finger, CCHC domain containing 6	1.46	No
219296_at	54503	ZDHHC13	zinc finger, DHHC-type containing 13	1.41	No
202939_at	10269	ZMPSTE24	zinc metalloproteinase (STE24 homolog, yeast)	1.45	No
209944_at	57862	ZNF410	zinc finger protein 410	1.49	No

204489_s_at	960	CD44	CD44 antigen (homing function and Indian blood group system)	1.29	No
204490_s_at	960	CD44	CD44 antigen (homing function and Indian blood group system)	1.57	No
209835_x_at	960	CD44	CD44 antigen (homing function and Indian blood group system)	1.80	No
212014_x_at	960	CD44	CD44 antigen (homing function and Indian blood group system)	1.77	No
212063_at	960	CD44	CD44 antigen (homing function and Indian blood group system)	1.36	No
217523_at	960	CD44	CD44 antigen (homing function and Indian blood group system)	1.56	No
200985_s_at	966	CD59	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32 ;	1.35	No
214551_s_at	924	CD7	CD7 antigen (p41)	1.47	No
204440_at	9308	CD83	CD83 antigen (activated B lymphocytes, immunoglobulin superfamily)	1.42	No
201005_at	928	CD9	CD9 antigen (p24)	2.99	No
221556_at	8555	CDC14B	CDC14 cell division cycle 14 homolog B (S. cerevisiae)	1.93	No
219343_at	55664	CDC37L1	CDC37 cell division cycle 37 homolog (S. cerevisiae)-like 1	1.40	No
206898_at	28513	CDH19	cadherin 19, type 2	1.76	No
202284_s_at	1026	CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	2.13	No
209112_at	1027	CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)	1.52	No
213183_s_at	1028	CDKN1C	Cyclin-dependent kinase inhibitor 1C (p57, Kip2)	1.59	No
213348_at	1028	CDKN1C	Cyclin-dependent kinase inhibitor 1C (p57, Kip2)	1.61	No
210240_s_at	1032	CDKN2D	cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)	1.48	No
209501_at	1039	CDR2	cerebellar degeneration-related protein 2, 62kDa	1.38	No
204066_s_at	116987	CENTG2	centaurin, gamma 2	1.62	No
204605_at	10668	CGRRF1	cell growth regulator with ring finger domain 1	1.45	No
219049_at	55790	ChGn	chondroitin beta1,4 N-acetylgalactosaminyltransferase	2.11	No
218177_at	57132	CHMP1B	chromatin modifying protein 1B	1.40	No
218178_s_at	57132	CHMP1B	chromatin modifying protein 1B	1.49	No
221675_s_at	56994	CHPT1	choline phosphotransferase 1	1.56	No
200811_at	1153	CIRBP	cold inducible RNA binding protein	1.56	No
207980_s_at	10370	CITED2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	1.51	No
200999_s_at	10970	CKAP4	cytoskeleton-associated protein 4	2.37	No
200998_s_at	10970	CKAP4	cytoskeleton-associated protein 4	1.71	No
218223_s_at	51177	CKIP-1	CK2 interacting protein 1; HQ0024c protein	1.56	No
220496_at	51266	CLEC1B	C-type lectin domain family 1, member B	1.93	No
201560_at	25932	CLIC4	chloride intracellular channel 4	2.75	No
214683_s_at	1195	CLK1	CDC-like kinase 1	1.34	No
210346_s_at	57396	CLK4	CDC-like kinase 4	1.36	No
214252_s_at	1203	CLN5	ceroid-lipofuscinosis, neuronal 5	1.48	No
208791_at	1191	CLU	clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressec	2.47	No
208792_s_at	1191	CLU	clusterin (complement lysis inhibitor, SP-40,40, sulfated glycoprotein 2, testosterone-repressec	2.19	No
217870_s_at	51727	CMPK	cytidylate kinase	1.28	No
201445_at	1266	CNN3	calponin 3, acidic	2.13	No
217798_at	4848	CNOT2	CCR4-NOT transcription complex, subunit 2	1.29	No
209081_s_at	80781	COL18A1	collagen, type XVIII, alpha 1	2.88	No
209156_s_at	1292	COL6A2	collagen, type VI, alpha 2	2.09	No
211727_s_at	1353	COX11	COX11 homolog, cytochrome c oxidase assembly protein (yeast) OR COX11 homolog, cytoch	1.43	No
202160_at	1387	CREBBP	CREB binding protein (Rubinstein-Taybi syndrome)	1.39	No
201988_s_at	1389	CREBL2	cAMP responsive element binding protein-like 2	1.31	No
201200_at	8804	CREG1	cellular repressor of E1A-stimulated genes 1	1.43	No
205474_at	51379	CRLF3	cytokine receptor-like factor 3	1.32	No
201380_at	10491	CRTP	cartilage associated protein	1.42	No
209674_at	1407	CRY1	cryptochrome 1 (photolyase-like)	1.79	No
220753_s_at	51084	CRYL1	crystallin, lambda 1	1.34	No
201360_at	1471	CST3	cystatin C (amyloid angiopathy and cerebral hemorrhage)	1.70	No
218923_at	1486	CTBS	chitobiasis, di-N-acetyl-	1.46	No
201906_s_at	10217	CTDSPL	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like	2.18	No
217127_at	1491	CTH	cystathionase (cystathionine gamma-lyase)	1.62	No
203657_s_at	8722	CTSF	cathepsin F	1.52	No
203758_at	1519	CTSO	cathepsin O	1.53	No
214743_at	1523	CUTL1	cut-like 1, CCAAT displacement protein (Drosophila)	2.03	No
214974_x_at	6374	CXCL5	chemokine (C-X-C motif) ligand 5	3.38	No
209201_x_at	7852	CXCR4	chemokine (C-X-C motif) receptor 4	1.36	No
211919_s_at	7852	CXCR4	chemokine (C-X-C motif) receptor 4 OR chemokine (C-X-C motif) receptor 4	1.41	No
202263_at	51706	CYB5R1	cytochrome b5 reductase 1	1.47	No
201885_s_at	1727	CYB5R3	cytochrome b5 reductase 3	1.39	No
203923_s_at	1536	CYBB	cytochrome b-245, beta polypeptide (chronic granulomatous disease)	1.60	No
220999_s_at	26999	CYFIP2	cytoplasmic FMR1 interacting protein 2 OR cytoplasmic FMR1 interacting protein 2	1.38	No
60084_at	1540	CYLD	cylandromatosis (turban tumor syndrome)	1.35	No
216060_s_at	23002	DAAM1	dishevelled associated activator of morphogenesis 1	1.51	No
210757_x_at	1601	DAB2	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	1.87	No
201278_at	1601	DAB2	Disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	1.74	No
201280_s_at	1601	DAB2	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	2.53	No
201925_s_at	1604	DAF	decay accelerating factor for complement (CD55, Cromer blood group system)	1.69	No
201095_at	1611	DAP	death-associated protein	1.33	No
217025_s_at	1627	DBN1	drebrin 1	1.87	No
222101_s_at	8642	DCHS1	dachsous 1 (Drosophila)	2.01	No
212690_at	23259	DDHD2	DDHD domain containing 2	1.40	No
202887_s_at	54541	DDIT4	DNA-damage-inducible transcript 4	1.50	No
212515_s_at	1654	DDX3X	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked	1.63	No
220004_at	55510	DDX43	DEAD (Asp-Glu-Ala-Asp) box polypeptide 43	1.72	No
211272_s_at	1606	DGKA	diacylglycerol kinase, alpha 80kDa	1.41	No
208072_s_at	8527	DGKD	diacylglycerol kinase, delta 130kDa	1.46	No
202481_at	9249	DHRS3	dehydrogenase/reductase (SDR family) member 3	1.78	No
210788_s_at	51635	DHRS7	dehydrogenase/reductase (SDR family) member 7	1.37	No
217989_at	51170	DHRS8	dehydrogenase/reductase (SDR family) member 8	1.33	No
218277_s_at	79665	DHX40	DEAH (Asp-Glu-Ala-His) box polypeptide 40	1.33	No
201104_x_at	32 OR 284565 OR 440670 OR 440673 OR 44 OR LOC200030 OR MGC8902 OR F		hypothetical protein DJ328E19.C1.1 OR hypothetical protein FLJ20719 OR hypothetical protei	1.38	No
214693_x_at	284565 OR 401967 OR 440670 OR 440673C200030 OR MGC8902 OR LOC4019		hypothetical protein DJ328E19.C1.1 OR hypothetical protein FLJ20719 OR hypothetical protei	1.45	No
214717_at	150967	DKFZp434H1419	hypothetical protein DKFZp434H1419	1.85	No
212936_at	83989	DKFZp564D172	hypothetical protein DKFZp564D172	1.35	No
200664_s_at	3337	DNAJB1	DnaJ (Hsp40) homolog, subfamily B, member 1	1.53	No
202842_s_at	4189	DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9	1.49	No
202843_at	4189	DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9	1.66	No
204720_s_at	9829	DNAJC6	DnaJ (Hsp40) homolog, subfamily C, member 6	1.78	No
209839_at	26052	DNM3	dynamain 3	1.82	No
212538_at	23348	DOCK9	dedicator of cytokinesis 9	1.65	No
219452_at	64174	DPEP2	dipeptidase 2	2.05	No
204646_at	1806	DPYD	dihydropyrimidine dehydrogenase	1.54	No
207324_s_at	1823	DSC1	desmocollin 1	2.41	No
219864_s_at	11123	DSCR1L2	Down syndrome critical region gene 1-like 2	2.15	No
201044_x_at	1843	DUSP1	dual specificity phosphatase 1	1.85	No
203367_at	11072	DUSP14	dual specificity phosphatase 14	1.38	No
201536_at	1845	DUSP3	dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related)	1.67	No
203624_at	8227	DXYS155E	DNA segment on chromosome X and Y (unique) 155 expressed sequence	1.36	No
203279_at	9695	EDEM1	ER degradation enhancer, mannosidase alpha-like 1	1.40	No
204642_at	1901	EDG1	endothelial differentiation, sphingolipid G-protein-coupled receptor, 1	1.59	No
206722_s_at	9170	EDG4	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 4	1.41	No
200705_s_at	1933	EEF1B2	eukaryotic translation elongation factor 1 beta 2	1.40	No
203113_s_at	1936	EEF1D	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)	1.46	No
220591_s_at	80258	EFHC2	EF-hand domain (C-terminal) containing 2	1.60	No
218935_at	30845	EHD3	EH-domain containing 3	2.36	No
201018_at	1964	EIF1AX	eukaryotic translation initiation factor 1A, X-linked	1.53	No
217719_at	51386	EIF356IP	eukaryotic translation initiation factor 3, subunit 6 interacting protein	1.41	No
211937_at	1975	EIF4B	eukaryotic translation initiation factor 4B	1.58	No
211938_at	1975	EIF4B	eukaryotic translation initiation factor 4B	1.48	No

208707_at	1983	EIF5	eukaryotic translation initiation factor 5	1.52	No
208706_s_at	1983	EIF5	eukaryotic translation initiation factor 5	1.66	No
201123_s_at	1984	EIF5A	eukaryotic translation initiation factor 5A	1.99	No
201313_at	2026	ENO2	enolase 2 (gamma, neuronal)	1.54	No
204076_at	9583	ENTPD4	ectonucleoside triphosphate diphosphohydrolase 4	1.33	No
211776_s_at	23136	EPB41L3	erythrocyte membrane protein band 4.1-like 3 OR erythrocyte membrane protein band 4.1-like	1.58	No
209368_at	2053	EPHX2	epoxide hydrolase 2, cytoplasmic	3.04	No
37986_at	2057	EPOR	erythropoietin receptor	1.55	No
202414_at	2073	ERCC5	excision repair cross-complementing rodent repair deficiency, complementation group 5 (xerod	1.31	No
201995_at	2131	EXT1	exostoses (multiple) 1	1.48	No
203305_at	2162	F13A1	coagulation factor XIII, A1 polypeptide	3.10	No
219253_at	79134	FAM11B	family with sequence similarity 11, member B	1.46	No
218446_s_at	51030	FAM18B	family with sequence similarity 18, member B	1.56	No
220147_s_at	58516	FAM60A	family with sequence similarity 60, member A	1.34	No
221856_s_at	55793	FAM63A	family with sequence similarity 63, member A	1.70	No
211623_s_at	2091	FBL	fibrillarlin OR fibrillarlin	1.42	No
212231_at	23014	FBXO21	F-box protein 21	1.33	No
203240_at	8857	FCGBP	Fc fragment of IgG binding protein	2.38	No
212374_at	10116	FEM1B	fem-1 homolog b (C. elegans)	1.49	No
212373_at	10116	FEM1B	fem-1 homolog b (C. elegans)	1.66	No
203562_at	9638	FEZ1	fasciculation and elongation protein zeta 1 (zygin I)	1.90	No
206404_at	2254	FGF9	fibroblast growth factor 9 (glia-activating factor)	2.34	No
206492_at	2272	FHIT	fragile histidine triad gene	1.80	No
201540_at	2273	FHL1	four and a half LIM domains 1	2.21	No
209688_s_at	54520	FLJ10996	hypothetical protein FLJ10996	1.38	No
218510_x_at	54463	FLJ20152	hypothetical protein FLJ20152	1.64	No
218532_s_at	54463	FLJ20152	hypothetical protein FLJ20152	1.95	No
221821_s_at	54934	FLJ20436	hypothetical protein FLJ20436	1.44	No
221229_s_at	55006	FLJ20628	hypothetical protein FLJ20628 OR hypothetical protein FLJ20628	1.29	No
201103_x_at	284565 OR 440670 OR 440673 OR 440672:00030 OR MGC8902 OR AE01 OR A	hypothetical protein FLJ20719 OR hypothetical protein LOC200030 OR hypothetical protein M	1.40	No	
211299_s_at	2319	FLOT2	flotillin 2	1.42	No
206980_s_at	2323	FLT3LG	fms-related tyrosine kinase 3 ligand	1.53	No
210607_at	2323	FLT3LG	fms-related tyrosine kinase 3 ligand	1.57	No
215017_s_at	54874	FNBP1L	formin binding protein 1-like	1.72	No
209189_at	2353	FOS	v-fos FBJ murine osteosarcoma viral oncogene homolog	1.67	No
218881_s_at	2355	FOSL2	FOS-like antigen 2	1.65	No
202724_s_at	2308	FOXP01A	forkhead box O1A (rhabdomyosarcoma)	1.49	No
200748_s_at	2495	FTTH1	ferritin, heavy polypeptide 1	1.41	No
218373_at	64400	FTS	fused toes homolog (mouse)	1.44	No
205324_s_at	24140	FTSJ1	FtsJ homolog 1 (E. coli)	1.32	No
218084_x_at	53827	FXYP2	FXYP domain containing ion transport regulator 5	1.45	No
208840_s_at	9908	G3BD5	Ras-GTPase activating protein SH3 domain-binding protein 2	1.38	No
208868_s_at	23710	GABARAPL1	GABA(A) receptor-associated protein like 1	1.60	No
203725_at	1647	GADD45A	growth arrest and DNA-damage-inducible, alpha	2.84	No
209304_x_at	4616	GADD45B	growth arrest and DNA-damage-inducible, beta	1.42	No
207574_s_at	4616	GADD45B	growth arrest and DNA-damage-inducible, beta	1.55	No
209305_s_at	4616	GADD45B	growth arrest and DNA-damage-inducible, beta	1.52	No
218885_s_at	79695	GALNT12	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12 (GalT	1.46	No
214855_s_at	253959	GARNL1	GTPase activating Rap/RanGAP domain-like 1	1.39	No
31874_at	10634	GAS2L1	growth arrest-specific 2 like 1	2.06	No
201738_at	10289	GC20	translation factor sui1 homolog	1.40	No
219015_s_at	55849	GLT28D1	glycosyltransferase 28 domain containing 1	1.59	No
200648_s_at	2752	GLUL	glutamate-ammonia ligase (glutamine synthetase)	1.60	No
215001_s_at	2752	GLUL	glutamate-ammonia ligase (glutamine synthetase)	1.56	No
206917_at	10672	GNA13	guanine nucleotide binding protein (G protein), alpha 13	1.44	No
202615_at	2776	GNAQ	Guanine nucleotide binding protein (G protein), q polypeptide	1.63	No
214157_at	2778	GNAS	GNAS complex locus	1.60	No
204993_at	2781	GNAZ	guanine nucleotide binding protein (G protein), alpha z polypeptide	1.72	No
204000_at	10681	GNB5	guanine nucleotide binding protein (G protein), beta 5	1.33	No
204115_at	2791	GNG11	guanine nucleotide binding protein (G protein), gamma 11	2.48	No
202382_s_at	10007	GNPDA1	glucosamine-6-phosphate deaminase 1	1.68	No
208798_x_at	23015	GOLGA8A	golgi autoantigen, golgin subfamily a, 8A	1.74	No
210425_x_at	440270	GOLGA8B	golgi autoantigen, golgin subfamily a, 8B	1.90	No
206655_s_at	2812	GP1BB	glycoprotein Ib (platelet), beta polypeptide	2.21	No
207926_at	2814	GP5	glycoprotein V (platelet)	1.91	No
220336_s_at	51206	GP6	glycoprotein VI (platelet)	1.87	No
204793_at	9737	GRASP1	G protein-coupled receptor associated sorting protein 1	1.83	No
200736_s_at	2876	GPX1	glutathione peroxidase 1	1.55	No
201106_at	2879	GPX4	glutathione peroxidase 4 (phospholipid hydroperoxidase)	1.63	No
212434_at	80273	GRPEL1	GrpE-like 1, mitochondrial (E. coli)	1.32	No
204550_x_at	2944	GSTM1	glutathione S-transferase M1	1.63	No
215333_x_at	2944	GSTM1	glutathione S-transferase M1	1.74	No
204418_x_at	2946	GSTM2	glutathione S-transferase M2 (muscle)	1.83	No
203817_at	2963	GUCY1B3	guanylate cyclase 1, soluble, beta 3	2.34	No
212206_s_at	94239	H2AFV	H2A histone family, member V	1.36	No
221425_s_at	81689	HBLD2	HESB like domain containing 2 OR HESB like domain containing 2	1.52	No
209102_s_at	26959	HBP1	HMG-box transcription factor 1	1.39	No
218603_at	51696	HECA	headcase homolog (Drosophila)	1.32	No
214308_s_at	3081	HGD	homogentisate 1,2-dioxygenase (homogentisate oxidase)	1.82	No
212964_at	23119	HIC2	hypermethylated in cancer 2	1.72	No
212966_at	23119	HIC2	hypermethylated in cancer 2	1.78	No
207721_x_at	3094	HINT1	histidine triad nucleotide binding protein 1	1.31	No
202708_s_at	8349	HIST2H2BE	histone 2, H2be	1.49	No
204512_at	3096	HIVEP1	human immunodeficiency virus type 1 enhancer binding protein 1	1.91	No
201054_at	10949	HNRPA0	heterogeneous nuclear ribonucleoprotein A0	1.64	No
209068_at	9987	HNRPDL	heterogeneous nuclear ribonucleoprotein D-like	1.33	No
207127_s_at	3189	HNRPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	1.42	No
205462_s_at	3241	HPCAL1	hippocalcin-like 1	1.37	No
203913_s_at	3248	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)	1.88	No
211548_s_at	3248	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)	2.13	No
209657_s_at	3298	HSF2	heat shock transcription factor 2	1.51	No
211220_s_at	3298	HSF2	heat shock transcription factor 2	1.65	No
201841_s_at	3315	HSPB1	heat shock 27kDa protein 1	1.85	No
220692_at	29060	HSPC047	HSPC047 protein	1.53	No
218936_s_at	29080	HSPC128	HSPC128 protein	1.39	No
214359_s_at	3326	HSPC8	heat shock 90kDa protein 1, beta	1.41	No
218099_at	55852	HT008	uncharacterized hypothalamus protein HT008	1.69	No
215038_s_at	29072	HYPB	huntingtin interacting protein B	1.37	No
201566_x_at	3398 OR 84099	ID2 OR ID2B	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein OR inhibitor of DNA bindi	1.72	No
204615_x_at	3422	ID1	isopentenyl-diphosphate delta isomerase 1	1.60	No
208881_x_at	3422	ID1	isopentenyl-diphosphate delta isomerase 1	1.58	No
218611_at	51278	IER5	immediate early response 5	1.65	No
202727_s_at	3459	IFNGR1	interferon gamma receptor 1	1.39	No
211676_s_at	3459	IFNGR1	interferon gamma receptor 1 OR interferon gamma receptor 1	1.46	No
202146_at	3475	IFRD1	interferon-related developmental regulator 1	1.45	No
202147_s_at	3475	IFRD1	interferon-related developmental regulator 1	1.90	No
203628_at	3480	IGF1R	insulin-like growth factor 1 receptor	4.32	No
203627_at	3480	IGF1R	Insulin-like growth factor 1 receptor	2.22	No
202490_at	8518	IKBKAP	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protei	1.40	No
220054_at	51561	IL23A	interleukin 23, alpha subunit p19	1.53	No
205945_at	3570	IL6R	interleukin 6 receptor OR interleukin 6 receptor	1.80	No
212195_at	3572	IL6ST	MRNA; cDNA DKFZp564F053 (from clone DKFZp564F053)	1.83	No

212196_at	3572	IL6ST	MRNA; cDNA DKFZp564F053 (from clone DKFZp564F053)	1.71	No
205798_at	3575	IL7R	interleukin 7 receptor OR interleukin 7 receptor	1.54	No
208415_x_at	3621	ING1	inhibitor of growth family, member 1	1.45	No
203006_at	3632	INPP5A	inositol polyphosphate-5-phosphatase, 40kDa	1.40	No
209184_s_at	8660	IRS2	insulin receptor substrate 2	1.68	No
209185_s_at	8660	IRS2	insulin receptor substrate 2	2.47	No
216956_s_at	3674	ITGA2B	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41B)	2.10	No
206493_at	3674	ITGA2B	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41B)	2.13	No
215177_s_at	3655	ITGA6	integrin, alpha 6	2.38	No
201656_at	3655	ITGA6	integrin, alpha 6	2.06	No
204627_s_at	3690	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	3.67	No
204628_s_at	3690	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	2.12	No
214020_x_at	3693	ITGB5	Integrin, beta 5	3.78	No
203723_at	3707	ITPKB	inositol 1,4,5-trisphosphate 3-kinase B	1.51	No
209898_x_at	50618	ITSN2	intersectin 2	1.32	No
212813_at	83700	JAM3	junctional adhesion molecule 3	2.04	No
212689_s_at	55818	JMJD1A	jumonji domain containing 1A	1.33	No
221763_at	221037	JMJD1C	jumonji domain containing 1C	1.74	No
213146_at	23135	JMJD3	jumonji domain containing 3	1.60	No
41386_l_at	23135	JMJD3	jumonji domain containing 3	1.44	No
41387_r_at	23135	JMJD3	jumonji domain containing 3	1.52	No
201473_at	3726	JUNB	jun B proto-oncogene	1.67	No
203751_x_at	3727	JUND	jun D proto-oncogene	1.65	No
214326_x_at	3727	JUND	jun D proto-oncogene	1.74	No
221307_at	30820	KCNIP1	Kv channel interacting protein 1	1.42	No
212192_at	115207	KCTD12	potassium channel tetramerisation domain containing 12	2.52	No
201751_at	9929	KIAA0063	KIAA0063 gene product	1.62	No
203288_at	9710	KIAA0355	KIAA0355	1.43	No
213340_s_at	57212	KIAA0495	KIAA0495	1.37	No
212946_at	23078	KIAA0564	KIAA0564 protein	1.36	No
214231_s_at	23078	KIAA0564	KIAA0564 protein	1.61	No
207971_s_at	23177	KIAA0582	KIAA0582	1.48	No
212675_s_at	23177	KIAA0582	KIAA0582	1.72	No
215994_x_at	23061	KIAA0676	KIAA0676 protein	1.27	No
212314_at	23231	KIAA0746	KIAA0746 protein	1.29	No
203322_at	22850	KIAA0863	KIAA0863 protein	1.42	No
213954_at	26049	KIAA0888	KIAA0888 protein	2.11	No
200897_s_at	23022	KIAA0992	palladin	1.83	No
215146_s_at	23331	KIAA1043	KIAA1043 protein	2.00	No
220368_s_at	55671	KIAA2010	KIAA2010	1.53	No
218486_at	8462	KLF11	Kruppel-like factor 11	1.98	No
204334_at	8609	KLF7	Kruppel-like factor 7 (ubiquitous)	1.39	No
203542_s_at	687	KLF9	Kruppel-like factor 9	1.61	No
203543_s_at	687	KLF9	Kruppel-like factor 9	2.04	No
221221_s_at	26249	KLHL3	kelch-like 3 (Drosophila)	1.35	No
214470_at	3820	KLRB1	killer cell lectin-like receptor subfamily B, member 1 OR killer cell lectin-like receptor subfamily	1.77	No
220646_s_at	51348	KLRF1	killer cell lectin-like receptor subfamily F, member 1	1.83	No
214039_s_at	55353	LAPTM4B	lysosomal associated protein transmembrane 4 beta	1.74	No
222212_s_at	29956	LASS2	LAG1 longevity assurance homolog 2 (S. cerevisiae)	1.29	No
204012_s_at	9836	LCMT2	leucine carboxyl methyltransferase 2	1.34	No
221790_s_at	26119	LDLRAP1	low density lipoprotein receptor adaptor protein 1	2.06	No
204454_at	23641	LDOC1	leucine zipper, down-regulated in cancer 1	1.38	No
221558_s_at	51176	LEF1	lymphoid enhancer-binding factor 1	1.79	No
209894_at	3953	LEPR	leptin receptor	1.86	No
202594_at	23484	LEPROTL1	leptin receptor overlapping transcript-like 1	1.42	No
202595_s_at	23484	LEPROTL1	leptin receptor overlapping transcript-like 1	1.54	No
205571_at	51601	LIP1	lipoyltransferase 1	1.40	No
208190_s_at	51599	LISCH7	liver-specific bHLH-Zip transcription factor	2.44	No
203411_s_at	4000	LMNA	lamin A/C	1.78	No
212086_x_at	4000	LMNA	lamin A/C	1.76	No
213212_x_at	161527	LOC161527	hypothetical protein LOC161527	1.86	No
222307_at	282997	LOC282997	hypothetical protein LOC282997	1.53	No
216177_at	283412 OR 284064	LOC283412 OR LOC284064	similar to 60S ribosomal protein L29 (Cell surface heparin binding protein HIP) OR similar to 6C	1.41	No
213737_x_at	30 OR 388189 OR 390535 OR 400304 OR 4-88189 OR LOC390535 OR LOC400304	hypothetical LOC283768 OR similar to hypothetical protein OR similar to hypothetical protein C	1.74	No	
209733_at	286440	LOC286440	hypothetical protein LOC286440	1.60	No
81737_at	388221 OR 440345	LOC388221 OR LOC440345	SLC7A5 pseudogene OR Hypothetical protein LOC440345 OR Homo sapiens, clone IMAGE:4	1.60	No
65588_at	388796	LOC388796	hypothetical LOC388796	1.45	No
217506_at	400642	LOC400642	Hypothetical gene supported by BC041875; BX648894	1.74	No
60794_f_at	400721	LOC400721	similar to Hypothetical zinc finger protein KIAA1956	1.45	No
218263_s_at	58486	LOC58486	transposon-derived Buster1 transposase-like protein gene	1.38	No
47560_at	22859	LPHN1	latrophilin 1	1.69	No
219922_s_at	4054	LTPB3	latent transforming growth factor beta binding protein 3	2.04	No
215967_s_at	4063	LY9	lymphocyte antigen 9	1.30	No
204952_at	27076	LYPD3	LY6/PLAUR domain containing 3	3.27	No
209347_s_at	4094	MAF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog (avian)	1.61	No
205193_at	23764	MAFF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	1.53	No
36711_at	23764	MAFF	v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	2.04	No
208309_s_at	10892	MALT1	mucosa associated lymphoid tissue lymphoma translocation gene 1	1.40	No
210018_x_at	10892	MALT1	mucosa associated lymphoid tissue lymphoma translocation gene 1	1.50	No
218918_at	57134	MAN1C1	mannosidase, alpha, class 1C, member 1	1.72	No
202032_s_at	4122	MAN2A2	mannosidase, alpha, class 2A, member 2	1.47	No
219999_at	4122	MAN2A2	mannosidase, alpha, class 2A, member 2	1.32	No
202670_at	5604	MAP2K1	mitogen-activated protein kinase kinase 1	1.39	No
218311_at	8491	MAP4K3	mitogen-activated protein kinase kinase kinase 3	1.53	No
212871_at	8550	MAPKAPK5	mitogen-activated protein kinase-activated protein kinase 5	1.38	No
215512_at	10299	MAR6	membrane-associated ring finger (C3HC4) 6	1.59	No
201737_s_at	10299	MAR6	membrane-associated ring finger (C3HC4) 6	1.68	No
200624_s_at	9782	MATR3	matrin 3	1.36	No
203640_at	10150	MBNL2	muscleblind-like 2 (Drosophila)	1.46	No
204069_at	4211	MEI51	Meis1, myeloid ecotropic viral integration site 1 homolog (mouse)	2.01	No
214077_x_at	4213	MEI54	Meis1, myeloid ecotropic viral integration site 1 homolog 4 (mouse)	1.51	No
202016_at	4232	MEST	mesoderm specific transcript homolog (mouse)	2.54	No
213123_at	4238	MFAP3	Microfibrillar-associated protein 3	1.36	No
205442_at	9848	MFAP3L	microfibrillar-associated protein 3-like	3.32	No
213457_at	9258	MFHAS1	malignant fibrous histiocytoma amplified sequence 1	1.51	No
219797_at	11320	MGAT4A	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isoenzyme A	1.34	No
221756_at	113791	MGC17330	HGFL gene OR HGFL gene	1.81	No
221757_at	113791	MGC17330	HGFL gene OR HGFL gene	1.82	No
202365_at	84747	MGC5139	hypothetical protein MGC5139	1.69	No
211026_s_at	11343	MGLL	monoglyceride lipase OR monoglyceride lipase	1.43	No
221559_s_at	79003	MIS12	MIS12 homolog (yeast)	1.44	No
204783_at	4291	MLF1	Myeloid leukemia factor 1	1.86	No
204917_s_at	4300	MLLT3	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3	1.36	No
203414_at	23531	MMD	monocyte to macrophage differentiation-associated	1.99	No
203878_s_at	4320	MMP11	matrix metalloproteinase 11 (stromelysin 3)	1.74	No
203936_s_at	4318	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa type IV collagenase)	1.33	No
204206_at	4335	MNT	MAX binding protein	1.33	No
212508_at	64112	MOAP1	modulator of apoptosis 1	1.61	No
202519_at	22877	MONDOA	MondoA	1.75	No
210212_x_at	4515	MTCPI1	mature T-cell proliferation 1	1.28	No
220346_at	441024	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like	1.40	No
202364_at	4601	MXI1	MAX interactor 1 OR MAX interactor 1	1.65	No

213906_at	4603	MYBL1	v-myb myeloblastosis viral oncogene homolog (avian)-like 1	1.75	No
201058_s_at	10398	MYL9	myosin, light polypeptide 9, regulatory	2.57	No
219173_at	80022	MYO15B	myosin XVb pseudogene	1.79	No
59375_at	80022	MYO15B	myosin XVb pseudogene	1.82	No
212462_at	23522	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4	1.33	No
208752_x_at	4673	NAP1L1	nucleosome assembly protein 1-like 1	1.35	No
212967_x_at	4673	NAP1L1	nucleosome assembly protein 1-like 1	1.27	No
219368_at	4674	NAP1L2	nucleosome assembly protein 1-like 2	2.18	No
204749_at	4675	NAP1L3	nucleosome assembly protein 1-like 3	2.40	No
221207_s_at	26960	NBEA	neurobeachin	1.64	No
219342_at	64921	NBLA04196	putative protein product of Nbla04196	1.50	No
203315_at	8440	NCK2	NCK adaptor protein 2	1.36	No
211010_s_at	259197	NCR3	natural cytotoxicity triggering receptor 3	1.59	No
217800_s_at	80762	NDFIP1	Nedd4 family interacting protein 1	1.51	No
209300_s_at	25977	NECAP1	NECAP endocytosis associated 1	1.39	No
203413_at	4753	NELL2	NEL-like 2 (chicken) OR NEL-like 2 (chicken)	2.74	No
204321_at	4756	NEO1	neogenin homolog 1 (chicken)	1.56	No
212847_at	91624	NEXN	Nexlin (F actin binding protein)	1.41	No
201146_at	4780	NFE2L2	nuclear factor (erythroid-derived 2)-like 2	1.86	No
217963_s_at	27018	NGFRAP1	nerve growth factor receptor (TNFRSF16) associated protein 1	1.54	No
217722_s_at	51335	NGRN	neugrin, neurite outgrowth associated	1.50	No
209706_at	4824	NKX3-1	NK3 transcription factor related, locus 1 (Drosophila)	1.55	No
212739_s_at	4833	NME4	non-metastatic cells 4, protein expressed in	1.66	No
39549_at	4862	NPAS2	neuronal PAS domain protein 2	2.44	No
216321_s_at	2908	NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	1.33	No
205259_at	4306	NR3C2	nuclear receptor subfamily 3, group C, member 2	2.62	No
204621_s_at	4929	NR4A2	nuclear receptor subfamily 4, group A, member 2	2.23	No
204622_x_at	4929	NR4A2	nuclear receptor subfamily 4, group A, member 2	1.91	No
216248_s_at	4929	NR4A2	nuclear receptor subfamily 4, group A, member 2	1.93	No
209959_at	8013	NR4A3	nuclear receptor subfamily 4, group A, member 3	2.98	No
204105_s_at	4897	NRCAM	neuronal cell adhesion molecule	2.27	No
204081_at	4900	NRGN	neurogranin (protein kinase C substrate, RC3)	2.58	No
202599_s_at	8204	NRIP1	nuclear receptor interacting protein 1	2.95	No
202600_s_at	8204	NRIP1	nuclear receptor interacting protein 1	2.05	No
203939_at	4907	NT5E	5-nucleotidase, ecto (CD73)	2.19	No
214251_s_at	4926	NUMA1	nuclear mitotic apparatus protein 1	1.52	No
218708_at	29107	NXT1	NTF2-like export factor 1	1.45	No
214945_at	285596 OR 389347	NY-REN-7 OR LOC389347	NY-REN-7 antigen OR similar to KIAA0752 protein	3.03	No
201599_at	4942	OAT	ornithine aminotransferase (gyrate atrophy)	1.36	No
219100_at	79991	OBFC1	oligonucleotide/oligosaccharide-binding fold containing 1	1.66	No
214637_at	5008	OSM	osteonectin M	1.72	No
208113_x_at	5042	PABPC3	poly(A) binding protein, cytoplasmic 3 OR poly(A) binding protein, cytoplasmic 3	1.46	No
201064_s_at	8761	PABPC4	poly(A) binding protein, cytoplasmic 4 (inducible form)	1.46	No
221751_at	79646	PANK3	Solute carrier family 2 (facilitated glucose transporter), member 3 pseudogene 1	1.36	No
219033_at	79668	PARP8	poly (ADP-ribose) polymerase family, member 8	1.45	No
213534_s_at	23178	PASK	PAS domain containing serine/threonine kinase	1.75	No
213263_s_at	5094	PCBP2	Poly(rC) binding protein 2	1.42	No
204031_s_at	5094	PCBP2	poly(rC) binding protein 2	1.33	No
213173_at	22990	PCNX	pecanex homolog (Drosophila)	1.50	No
213652_at	5125	PCSK5	Proprotein convertase subtilisin/kexin type 5	2.20	No
205559_s_at	5125	PCSK5	proprotein convertase subtilisin/kexin type 5	2.07	No
203803_at	51449	PCYOX1	prenylcysteine oxidase 1	1.73	No
222326_at	5142	PDE4B	Phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila)	1.74	No
203708_at	5142	PDE4B	phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila)	2.02	No
211302_s_at	5142	PDE4B	phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila)	2.13	No
213388_at	9659	PDE4DIP	phosphodiesterase 4D interacting protein (myomegalin)	1.48	No
212521_s_at	5151	PDE8A	phosphodiesterase 8A	1.46	No
206686_at	5163	PDK1	pyruvate dehydrogenase kinase, isoenzyme 1	2.49	No
218319_at	57162	PELL1	pellino homolog 1 (Drosophila)	1.62	No
219132_at	57161	PELL2	pellino homolog 2 (Drosophila)	1.88	No
202861_at	5187	PER1	period homolog 1 (Drosophila)	1.71	No
36829_at	5187	PER1	period homolog 1 (Drosophila)	1.54	No
205251_at	8864	PER2	period homolog 2 (Drosophila)	1.38	No
217744_s_at	64065	PERP	PERP, TP53 apoptosis effector	1.49	No
201707_at	5824	PEX19	peroxisomal biogenesis factor 19	1.38	No
206390_x_at	5196	PF4	platelet factor 4 (chemokine (C-X-C motif) ligand 4)	2.40	No
207815_at	5197	PF4V1	platelet factor 4 variant 1	3.92	No
202259_s_at	10443	PFAAP5	phosphonofornate immuno-associated protein 5	1.44	No
207132_x_at	5204	PFDN5	prefoldin 5	1.40	No
210908_s_at	5204	PFDN5	prefoldin 5	1.33	No
202464_s_at	5209	PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 3	1.68	No
204992_s_at	5217	PFN2	profilin 2	1.88	No
208454_s_at	10404	PGCP	plasma glutamate carboxypeptidase	2.50	No
203501_at	10404	PGCP	plasma glutamate carboxypeptidase	1.72	No
201701_s_at	10424	PGRMC2	progesterone receptor membrane component 2	1.51	No
213227_at	10424	PGRMC2	progesterone receptor membrane component 2	1.62	No
218517_at	79960	PHF17	PHD finger protein 17	1.44	No
209803_s_at	7262	PHLDA2	pleckstrin homology-like domain, family A, member 2	1.90	No
205281_s_at	5277	PIGA	phosphatidylinositol glycan, class A (paroxysmal nocturnal hemoglobinuria) OR phosphatidylin	1.38	No
212688_at	5291	PIK3CB	phosphoinositide-3-kinase, catalytic, beta polypeptide	1.32	No
213408_s_at	220686 OR 5297	PIK4CA OR LOC220686	phosphatidylinositol 4-kinase, catalytic, alpha polypeptide OR hypothetical protein LOC220686	1.62	No
213111_at	200576	PIP5K3	phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III	1.44	No
212628_at	5586	PKN2	Protein kinase N2	1.40	No
201927_s_at	8502	PKP4	plakophilin 4	1.61	No
213222_at	23236	PLCB1	phospholipase C, beta 1 (phosphoinositide-specific)	1.73	No
205934_at	5334	PLCL1	phospholipase C-like 1	1.83	No
213309_at	23228	PLCL2	phospholipase C-like 2	1.34	No
216218_s_at	23228	PLCL2	phospholipase C-like 2	1.47	No
220952_s_at	54477	PLEKHA5	pleckstrin homology domain containing, family A member 5	1.95	No
209504_s_at	58473	PLEKHB1	pleckstrin homology domain containing, family B (evectins) member 1	1.84	No
201939_at	10769	PLK2	polo-like kinase 2 (Drosophila)	2.46	No
204958_at	1263	PLK3	polo-like kinase 3 (Drosophila)	1.85	No
201136_at	5355	PLP2	proteolipid protein 2 (colonic epithelium-enriched)	1.70	No
214081_at	57125	PLXDC1	plexin domain containing 1	1.55	No
219700_at	57125	PLXDC1	plexin domain containing 1	1.91	No
218224_at	9240	PNMA1	paraneoplastic antigen MA1	1.55	No
212036_s_at	5411	PNN	pinin, desmosome associated protein	1.31	No
218229_s_at	57645	POGK	pogo transposable element with KRAB domain	1.34	No
219317_at	11201	POLI	polymerase (DNA directed) iota	1.47	No
205878_at	5463	POU6F1	POU domain, class 6, transcription factor 1	1.58	No
214146_s_at	5473	PPBP	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)	2.58	No
200661_at	5476	PPGB	protective protein for beta-galactosidase (galactosialidosis)	1.62	No
218273_s_at	54704	PPM2C	protein phosphatase 2C, magnesium-dependent, catalytic subunit	1.61	No
202165_at	5504	PPP1R2	protein phosphatase 1, regulatory (inhibitor) subunit 2	1.49	No
202166_s_at	5504	PPP1R2	protein phosphatase 1, regulatory (inhibitor) subunit 2	1.44	No
200975_at	5538	PPT1	palmitoyl-protein thioesterase 1 (ceroid-lipofuscinosis, neuronal 1, infantile)	1.41	No
218997_at	64425	PRAF1	polymerase (RNA) I associated factor 1	1.39	No
49485_at	11108	PRDM4	PR domain containing 4	1.38	No
203680_at	5577	PRKAR2B	protein kinase, cAMP-dependent, regulatory, type II, beta	3.58	No
213093_at	5578	PRKCA	protein kinase C, alpha	1.83	No
211084_x_at	23683	PRKD3	protein kinase D3 OR protein kinase D3	1.76	No
218236_s_at	23683	PRKD3	protein kinase D3	1.58	No

209139_s_at	8575	PRKRA	protein kinase, interferon-inducible double stranded RNA dependent activator	1.42	No
209323_at	5612	PRKRIR	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P5	1.28	No
201300_s_at	5621	PRNP	prion protein (p27-30) (Creutzfeld-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, f	1.59	No
215707_s_at	5621	PRNP	prion protein (p27-30) (Creutzfeld-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, f	1.54	No
217682_at	29035	PROO149	PROO149 protein	1.52	No
207808_s_at	5627	PROS1	protein S (alpha)	2.81	No
200000_s_at	10594	PRPF8	PRPF8 pre-mRNA processing factor 8 homolog (yeast) OR PRPF8 pre-mRNA processing factor ;	1.36	No
209606_at	9595	PSCDBP	pleckstrin homology, Sec7 and coiled-coil domains, binding protein OR pleckstrin homology, S	1.41	No
209815_at	5727	PTCH	patched homolog (Drosophila)	1.74	No
204896_s_at	5734	PTGER4	prostaglandin E receptor 4 (subtype EP4)	2.09	No
215813_s_at	5742	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	1.79	No
205128_x_at	5742	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	1.68	No
37549_g_at	27241	PTH1B	parathyroid hormone-responsive B1	1.44	No
201745_at	5756	PTK9	PTK9 protein tyrosine kinase 9	1.50	No
200730_s_at	7803	PTP4A1	protein tyrosine phosphatase type IVA, member 1	1.92	No
200731_s_at	7803	PTP4A1	protein tyrosine phosphatase type IVA, member 1	1.75	No
200732_s_at	7803	PTP4A1	protein tyrosine phosphatase type IVA, member 1	1.70	No
200733_s_at	7803	PTP4A1	protein tyrosine phosphatase type IVA, member 1	1.59	No
212640_at	201562	PTPLB	protein tyrosine phosphatase-like (proline instead of catalytic arginine), member b	1.48	No
213799_s_at	5786	PTPRA	protein tyrosine phosphatase, receptor type, A	1.47	No
203329_at	5797	PTPRM	protein tyrosine phosphatase, receptor type, M	1.85	No
211600_at	5800	PTPRO	protein tyrosine phosphatase, receptor type, O OR protein tyrosine phosphatase, receptor type	2.33	No
209694_at	5805	PTS	6-pyruvoyltetrahydropterin synthase	1.38	No
202990_at	5836	PYGL	phosphorylase, glycogen; liver (Hers disease, glycogen storage disease type VI)	1.60	No
207791_s_at	5861	RAB1A	RAB1A, member RAS oncogene family	1.46	No
208732_at	5862	RAB2	RAB2, member RAS oncogene family	1.30	No
212561_at	23258	RAB6IP1	RAB6 interacting protein 1	1.64	No
212842_x_at	84220	RANBP2L1	RAN binding protein 2-like 1	1.53	No
213019_at	26953	RANBP6	RAN binding protein 6	1.62	No
214488_at	5912	RAP2B	RAP2B, member of RAS oncogene family	1.99	No
203097_s_at	9693	RAPGEF2	Rap guanine nucleotide exchange factor (GEF) 2	1.40	No
203749_s_at	5914	RARA	retinoic acid receptor, alpha	1.69	No
210621_s_at	5921	RASA1	RAS p21 protein activator (GTPase activating protein) 1	1.38	No
206220_s_at	22821	RASA3	RAS p21 protein activator 3	1.60	No
214369_s_at	10235	RASGRP2	RAS guanyl releasing protein 2 (calcium and DAG-regulated)	1.44	No
212870_at	283349	RASSF3	Ras association (RalGDS/AF-6) domain family 3	1.61	No
209868_s_at	5937	RBMS1	RNA binding motif, single stranded interacting protein 1	1.33	No
212743_at	25898	RCHY1	ring finger and CHY zinc finger domain containing 1	1.83	No
205407_at	8434	RECK	reversion-inducing-cysteine-rich protein with kazal motifs	1.99	No
218723_s_at	28984	RGC32	response gene to complement 32	2.46	No
204319_s_at	6001	RG510	regulator of G-protein signalling 10	1.37	No
202388_at	5997	RG52	regulator of G-protein signalling 2, 24kDa	1.38	No
204951_at	399	RHOH	ras homolog gene family, member H	1.58	No
211515_s_at	25778	RIPK5	receptor interacting protein kinase 5	1.39	No
202636_at	7844	RNF103	ring finger protein 103	1.44	No
208924_at	26994	RNF11	ring finger protein 11	1.59	No
218761_at	54778	RNF111	ring finger protein 111	1.35	No
217865_at	55819	RNF130	ring finger protein 130	3.03	No
218738_s_at	51444	RNF138	ring finger protein 138	1.75	No
209510_at	11236	RNF139	ring finger protein 139	1.25	No
204040_at	9781	RNF144	ring finger protein 144	1.72	No
202684_s_at	8731	RNMT	RNA (guanine-7-) methyltransferase	1.64	No
208720_s_at	9584	RNPC2	RNA-binding region (RNP1, RRM) containing 2	1.42	No
217379_at	6134	RPL10	ribosomal protein L10	1.81	No
221989_at	6134	RPL10	ribosomal protein L10	1.49	No
217559_at	140801	RPL10L	ribosomal protein L10-like	1.65	No
217266_at	136321 OR 402694 OR 6138	RPL15	ribosomal protein L15 OR similar to ribosomal protein L15 OR similar to ribosomal protein L15	1.45	No
221726_at	6146	RPL22	ribosomal protein L22	1.55	No
215224_at	9349	RPL23	ribosomal protein L23	1.96	No
221634_at	118433	RPL23AP7	ribosomal protein L23a pseudogene 7	2.18	No
222229_x_at	392501 OR 400055 OR 441073 OR 44153R LOC392501	OR LOC400055 OR LC	ribosomal protein L26 OR similar to 60S ribosomal protein L26 OR similar to 60S ribosomal pr	1.31	No
216570_x_at	284064 OR 389655 OR 391738 OR 40191R LOC284064	OR LOC389655 OR LC	ribosomal protein L29 OR similar to 60S ribosomal protein L29 (Cell surface heparin binding pr	1.34	No
213459_at	6168	RPL37A	ribosomal protein L37a	1.56	No
200937_s_at	6125	RPL5	ribosomal protein L5	1.29	No
213080_x_at	6125	RPL5	ribosomal protein L5	1.33	No
200936_at	6132	RPL8	ribosomal protein L8	1.38	No
217336_at	388885 OR 389127 OR 390842 OR 40181R LOC388885	OR LOC389127 OR LC	ribosomal protein S10 OR similar to 40S ribosomal protein S10 OR hypothetical LOC388885 C	1.42	No
216505_x_at	388885 OR 6204	RPS10	ribosomal protein S10 OR hypothetical LOC388885	1.34	No
217466_x_at	286444 OR 400963 OR 440589 OR 6187	: LOC148430 OR LOC286444 OR LO	ribosomal protein S2 OR similar to ribosomal protein S2; 40S ribosomal protein S2 OR similar	1.51	No
208903_at	6234	RPS28	Ribosomal protein S28	1.34	No
216380_x_at	6234	RPS28	ribosomal protein S28	1.54	No
203704_s_at	6239	RREB1	ras responsive element binding protein 1	1.30	No
218307_at	55316	RSAD1	radical S-adenosyl methionine domain containing 1	1.34	No
213694_at	54665	RSBN1	round spermatid basic protein 1	1.64	No
212018_s_at	26156	RSL1D1	ribosomal L1 domain containing 1	1.59	No
210365_at	861	RUNX1	runt-related transcription factor 1 (acute myeloid leukemia 1; aml1 oncogene)	1.40	No
201846_s_at	23429	RYBP	RING1 and YY1 binding protein	1.39	No
216976_s_at	6259	RYK	RYK receptor-like tyrosine kinase	1.43	No
214172_x_at	6259	RYK	RYK receptor-like tyrosine kinase	1.41	No
209686_at	6285	S100B	S100 calcium binding protein, beta (neural)	3.12	No
211423_s_at	6309	SC5DL	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, fungal)-like	1.90	No
218793_s_at	6322	SCML1	sex comb on midleg-like 1 (Drosophila)	2.84	No
201462_at	9805	SCRN1	secernin 1	1.68	No
218711_s_at	8436	SDPR	serum deprivation response (phosphatidylserine binding protein)	2.05	No
201916_s_at	11231	SEC63	SEC63-like (S. cerevisiae)	1.31	No
206049_at	6403	SELP	selectin P (granule membrane protein 140kDa, antigen CD62)	1.59	No
46665_at	54910	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasm	1.80	No
210124_x_at	10505	SEMA4F	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasm	1.38	No
215113_s_at	26168	SENP3	SUMO1/sentrin/SMT3 specific peptidase 3	1.40	No
214790_at	26054	SENP6	SUMO1/sentrin specific peptidase 6	1.58	No
208671_at	57515	SERINC1	serine incorporator 1	1.32	No
200970_s_at	27230	SERP1	stress-associated endoplasmic reticulum protein 1	1.37	No
212190_at	5270	SERPINE2	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2	1.62	No
202657_s_at	9792	SERTAD2	SERTA domain containing 2	1.54	No
218346_s_at	27244	SESN1	sestrin 1	1.61	No
210077_s_at	6430	SFRS5	splicing factor, arginine/serine-rich 5	1.54	No
201739_at	6446	SGK	serum/glucocorticoid regulated kinase	2.65	No
202981_x_at	6477	SIAH1	seven in absentia homolog 1 (Drosophila)	1.52	No
218878_s_at	23411	SIRT1	sirtuin (silent mating type information regulation 2 homolog) 1 (S. cerevisiae)	1.38	No
217591_at	6498	SKIL	SKI-like	1.87	No
200719_at	6500	SKP1A	S-phase kinase-associated protein 1A (p19A)	1.58	No
219915_s_at	117247	SLC16A10	solute carrier family 16 (monocarboxylic acid transporters), member 10	1.84	No
207057_at	9194	SLC16A7	solute carrier family 16 (monocarboxylic acid transporters), member 7	1.43	No
213549_at	6571	SLC18A2	Solute carrier family 18 (vesicular monoamine), member 2	1.84	No
209681_at	10560	SLC19A2	solute carrier family 19 (thiamine transporter), member 2	1.75	No
57588_at	57419	SLC24A3	solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	1.73	No
201917_s_at	55186	SLC25A36	solute carrier family 25, member 36	1.37	No
201919_at	55186	SLC25A36	Solute carrier family 25, member 36	1.32	No
202497_x_at	6515	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3	2.04	No
202498_s_at	6515	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3	1.71	No
202499_s_at	6515	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3	1.69	No
216236_s_at	144195 OR 6515	SLC2A3 OR SLC2A14	solute carrier family 2 (facilitated glucose transporter), member 3 OR solute carrier family 2 (fa	2.17	No

222088_s_at	144195 OR 6515	SLC2A3 OR SLC2A14	solute carrier family 2 (facilitated glucose transporter), member 3 OR solute carrier family 2 (fa	1.58	No
209711_at	23169	SLC35D1	solute carrier family 35 (UDP-glucuronic acid/UDP-N-acetylglucosamine dual transporter), m	1.33	No
218041_x_at	54407	SLC38A2	solute carrier family 38, member 2	1.40	No
220924_s_at	54407	SLC38A2	solute carrier family 38, member 2	1.39	No
209267_s_at	64116	SLC39A8	solute carrier family 39 (zinc transporter), member 8	1.43	No
203908_at	8671	SLC4A4	solute carrier family 4, sodium bicarbonate cotransporter, member 4	1.73	No
216604_s_at	23428	SLC7A8	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 8	1.71	No
202526_at	4089	SMAD4	SMAD, mothers against DPP homolog 4 (Drosophila)	1.43	No
204790_at	4092	SMAD7	SMAD, mothers against DPP homolog 7 (Drosophila)	2.77	No
205596_s_at	64750	SMURF2	SMAD specific E3 ubiquitin protein ligase 2	1.38	No
212922_s_at	56950	SMYD2	SET and MYND domain containing 2	1.23	No
217616_at	150094	SNF1LK	SNF1-like kinase	2.26	No
208078_s_at	150094	SNF1LK	SNF1-like kinase OR SNF1-like kinase	1.87	No
218032_at	8303	SNN	stannin	2.43	No
209481_at	54861	SNRK	SNF related kinase	1.42	No
221974_at	6638	SNRPN	Small nuclear ribonucleoprotein polypeptide N	1.53	No
206042_x_at	6638 OR 8926	SNRPN OR SNURF	small nuclear ribonucleoprotein polypeptide N OR SNRPN upstream reading frame	1.49	No
213364_s_at	6642	SNX1	sorting nexin 1	1.53	No
203372_s_at	8835	SOCS2	suppressor of cytokine signaling 2	1.63	No
206360_s_at	9021	SOCS3	suppressor of cytokine signaling 3	1.60	No
206359_at	9021	SOCS3	suppressor of cytokine signaling 3	1.62	No
209647_s_at	9655	SOCS5	suppressor of cytokine signaling 5	1.75	No
209648_x_at	9655	SOCS5	suppressor of cytokine signaling 5	2.31	No
208127_s_at	9655	SOCS5	suppressor of cytokine signaling 5	2.07	No
213538_at	6651	SON	SON DNA binding protein	1.33	No
203509_at	6653	SORL1	sortilin-related receptor, L(DLR class) A repeats-containing	1.63	No
201416_at	6659	SOX4	SRY (sex determining region Y)-box 4	2.31	No
201417_at	6659	SOX4	SRY (sex determining region Y)-box 4	4.15	No
200665_s_at	6678	SPARC	secreted protein, acidic, cysteine-rich (osteonectin) OR secreted protein, acidic, cysteine-rich (i	2.62	No
212526_at	23111	SPG20	spastic paraplegia 20, spartin (Troyer syndrome)	2.10	No
206310_at	6691	SPINK2	serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhibitor)	3.01	No
202524_s_at	9806	SPOCK2	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2	1.69	No
215918_s_at	6711	SPTBN1	spectrin, beta, non-erythrocytic 1	1.61	No
213152_s_at	10929	SRP46	Splicing factor, arginine/serine-rich, 46kD	1.42	No
210829_s_at	23635	SBBP2	single-stranded DNA binding protein 2	2.69	No
203787_at	23635	SBBP2	single-stranded DNA binding protein 2	1.94	No
207040_s_at	6767	ST13	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)	1.33	No
208666_s_at	6767	ST13	suppression of tumorigenicity 13 (colon carcinoma) (Hsp70 interacting protein)	1.37	No
215874_at	6482	ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	1.74	No
203544_s_at	8027	STAM	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1	1.41	No
202557_at	6782	STCH	stress 70 protein chaperone, microsome-associated, 60kDa	1.38	No
202558_s_at	6782	STCH	stress 70 protein chaperone, microsome-associated, 60kDa	1.50	No
205214_at	9262	STK17B	serine/threonine kinase 17b (apoptosis-inducing)	1.72	No
217503_at	9262	STK17B	<i>serine/threonine kinase 17b (apoptosis-inducing)</i>	1.62	No
215772_x_at	8801	SUCLG2	succinate-CoA ligase, GDP-forming, beta subunit	1.33	No
209362_at	9412	SURB7	SRB7 suppressor of RNA polymerase B homolog (yeast)	1.40	No
209363_s_at	9412	SURB7	SRB7 suppressor of RNA polymerase B homolog (yeast)	1.34	No
202565_s_at	6840	SVIL	supervillin	1.74	No
217833_at	10492	SYNCRIP	synaptotagmin binding, cytoplasmic RNA interacting protein	1.37	No
212828_at	8871	SYNJ2	synaptojanin 2	1.42	No
201259_s_at	6856	SYPL1	synaptophysin-like 1	1.66	No
201260_s_at	6856	SYPL1	synaptophysin-like 1	1.69	No
201023_at	6879	TAF7	TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa	1.35	No
206283_s_at	6886	TAL1	T-cell acute lymphocytic leukemia 1	2.01	No
221428_s_at	79718	TBL1XR1	transducin (beta)-like 1X-linked receptor 1 OR transducin (beta)-like 1X-linked receptor 1	1.54	No
336_at	6915	TBXA2R	thromboxane A2 receptor	1.45	No
202371_at	79921	TCEAL4	transcription elongation factor A (SII)-like 4	2.20	No
205254_x_at	6932	TCF7	transcription factor 7 (T-cell specific, HMG-box)	1.70	No
216511_s_at	6934	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	1.73	No
212762_s_at	6934	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	1.58	No
210875_s_at	6935	TCF8	transcription factor 8 (represses interleukin 2 expression)	2.37	No
212764_at	6935	TCF8	<i>transcription factor 8 (represses interleukin 2 expression)</i>	1.67	No
203303_at	6990	TCTE1L	t-complex-associated-testis-expressed 1-like	1.53	No
208944_at	7048	TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	1.60	No
203313_s_at	7050	TGIF	TGFB-induced factor (TALE family homeobox)	2.23	No
212910_at	57215	THAP11	THAP domain containing 11	1.32	No
201108_s_at	7057	THBS1	thrombospondin 1	1.79	No
201110_s_at	7057	THBS1	thrombospondin 1	3.87	No
204760_s_at	7067 OR 9572	THRA OR NR1D1	thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, av	3.42	No
213025_at	55623	THUMPD1	THUMP domain containing 1	1.49	No
40837_at	7089	TLE2	transducin-like enhancer of split 2 (E(sp1) homolog, Drosophila)	1.76	No
208943_s_at	7095	TLOC1	translocation protein 1	1.44	No
221702_s_at	80213	TM2D3	TM2 domain containing 3 OR TM2 domain containing 3	1.45	No
200929_at	10972	TMED10	transmembrane emp24-like trafficking protein 10 (yeast)	1.43	No
217743_s_at	55754	TMEM30A	transmembrane protein 30A	1.35	No
213285_at	161291	TMEM30B	transmembrane protein 30B	1.89	No
210260_s_at	25816	TNFAIP8	tumor necrosis factor, alpha-induced protein 8	1.26	No
209295_at	8795	TNFRSF10B	tumor necrosis factor receptor superfamily, member 10b	1.39	No
219423_x_at	8718	TNFRSF25	tumor necrosis factor receptor superfamily, member 25	1.47	No
207426_s_at	7292	TNFSF4	tumor necrosis factor (ligand) superfamily, member 4 (tax-transcriptionally activated glycoprote	1.68	No
202704_at	10140	TOB1	transducer of ERBB2, 1	1.42	No
200662_s_at	9804	TOMM20	translocase of outer mitochondrial membrane 20 homolog (yeast)	1.28	No
212773_s_at	9804	TOMM20	translocase of outer mitochondrial membrane 20 homolog (yeast)	1.53	No
204071_s_at	10210	TOPORS	topoisomerase I binding, arginine/serine-rich	1.41	No
217914_at	53373	TPCN1	two pore segment channel 1	1.57	No
201688_s_at	7163	TPD52	tumor protein D52	1.42	No
201689_s_at	7163	TPD52	tumor protein D52	1.45	No
210986_s_at	7168	TPM1	tropomyosin 1 (alpha)	1.92	No
204140_at	8460	TPST1	tyrosylprotein sulfotransferase 1	1.39	No
215275_at	80342	TRAF3IP3	TRAF3 interacting protein 3	1.59	No
200990_at	10155	TRIM28	tripartite motif-containing 28	1.42	No
217760_at	54765	TRIM44	tripartite motif-containing 44	1.25	No
215111_s_at	8848	TSC22D1	TSC22 domain family, member 1	1.77	No
204094_s_at	9819	TSC22D2	TSC22 domain family, member 2	1.83	No
207001_x_at	1831	TSC22D3	TSC22 domain family, member 3	3.02	No
200973_s_at	10099	TSPAN3	tetraspanin 3	1.58	No
200972_at	10099	TSPAN3	tetraspanin 3	2.05	No
221493_at	7259	TSPYL1	TSPY-like 1	1.43	No
208073_x_at	7267	TTC3	tetratricopeptide repeat domain 3	1.52	No
208662_s_at	7267	TTC3	tetratricopeptide repeat domain 3	1.40	No
210645_s_at	7267	TTC3	tetratricopeptide repeat domain 3	1.46	No
205652_s_at	25809	TTL1	tubulin tyrosine ligase-like family, member 1	1.44	No
212242_at	7277	TUBA1	tubulin, alpha 1 (testis specific)	1.43	No
207490_at	80086	TUBA4	tubulin, alpha 4	1.47	No
208601_s_at	81027	TUBB1	tubulin, beta 1 OR tubulin, beta 1	2.88	No
215739_s_at	10426	TUBGCP3	tubulin, gamma complex associated protein 3	1.57	No
201534_s_at	5412	UBL3	ubiquitin-like 3	1.71	No
201535_at	5412	UBL3	ubiquitin-like 3	1.46	No
204062_s_at	9706	ULK2	unc-51-like kinase 2 (C. elegans)	1.45	No
204063_s_at	9706	ULK2	unc-51-like kinase 2 (C. elegans)	1.30	No
209066_x_at	7381	UQCRCB	ubiquinol-cytochrome c reductase binding protein	1.42	No
220370_s_at	57602	USP36	ubiquitin specific peptidase 36	1.48	No

204761_at	9712	USP6NL	USP6 N-terminal like	2.08	No
219675_s_at	80146	UXS1	UDP-glucuronate decarboxylase 1	1.54	No
218495_at	8409	UXT	ubiquitously-expressed transcript	1.39	No
218806_s_at	10451	VAV3	vav 3 oncogene	1.56	No
218807_at	10451	VAV3	vav 3 oncogene	1.37	No
210512_s_at	7422	VEGF	vascular endothelial growth factor	2.31	No
208622_s_at	7430	VIL2	villin 2 (ezrin)	1.61	No
205019_s_at	7433	VIPR1	vasoactive intestinal peptide receptor 1	1.91	No
217821_s_at	51729	WBP11	WW domain binding protein 11	1.59	No
211383_s_at	22884	WDR37	WD repeat domain 37	1.47	No
201295_s_at	26118	WSB1	WD repeat and SOCS box-containing 1	2.02	No
219077_s_at	51741	WWOX	WW domain containing oxidoreductase	1.37	No
200670_at	7494	XBP1	X-box binding protein 1	1.38	No
219401_at	64132	XYLT2	xylosyltransferase II	1.64	No
217783_s_at	51646	YPEL5	yippee-like 5 (Drosophila)	1.46	No
218647_s_at	79693	YRDC	yrdC domain containing (E.coli)	1.47	No
214814_at	91746	YTHDC1	YTH domain containing 1	1.60	No
221749_at	253943	YTHDF3	YTH domain family, member 3	1.36	No
210275_s_at	7763	ZA20D2	zinc finger, A20 domain containing 2	1.34	No
217741_s_at	7763	ZA20D2	zinc finger, A20 domain containing 2	1.40	No
213376_at	22890	ZBTB1	zinc finger and BTB domain containing 1	1.62	No
219312_s_at	65986	ZBTB10	zinc finger and BTB domain containing 10	2.44	No
205383_s_at	26137	ZBTB20	zinc finger and BTB domain containing 20	1.59	No
218810_at	80149	ZC3H12A	zinc finger CCCH-type containing 12A	1.49	No
212655_at	23174	ZCCHC14	zinc finger, CCHC domain containing 14	1.97	No
209724_s_at	7541	ZFP161	zinc finger protein 161 homolog (mouse)	1.30	No
201531_at	7538	ZFP36	zinc finger protein 36, C3H type, homolog (mouse)	1.62	No
211962_s_at	677	ZFP36L1	zinc finger protein 36, C3H type-like 1	1.58	No
201367_s_at	678	ZFP36L2	zinc finger protein 36, C3H type-like 2	1.91	No
207247_s_at	7543 OR 7544	ZFX OR ZFY	zinc finger protein, X-linked OR zinc finger protein, Y-linked	1.60	No
203556_at	22882	ZHX2	zinc fingers and homeoboxes 2	1.33	No
216350_s_at	7556	ZNF10	zinc finger protein 10	2.26	No
206240_s_at	7695	ZNF136	zinc finger protein 136 (clone pHZ-20)	1.55	No
219854_at	7561	ZNF14	zinc finger protein 14 (KOX 6)	1.56	No
213452_at	7738	ZNF184	zinc finger protein 184 (Kruppel-like)	1.78	No
210281_s_at	7750	ZNF198	zinc finger protein 198	1.46	No
218005_at	7570	ZNF22	zinc finger protein 22 (KOX 15)	1.38	No
207164_s_at	10472	ZNF238	zinc finger protein 238	1.94	No
212774_at	10472	ZNF238	zinc finger protein 238	2.23	No
203248_at	7572	ZNF24	zinc finger protein 24 (KOX 17)	1.58	No
204937_s_at	10782	ZNF274	zinc finger protein 274	1.35	No
209741_x_at	49855	ZNF291	zinc finger protein 291	1.39	No
219765_at	79673	ZNF329	zinc finger protein 329	2.02	No
219228_at	55422	ZNF331	zinc finger protein 331	2.68	No
214714_at	84124	ZNF394	zinc finger protein 394	1.48	No
218149_s_at	55893	ZNF395	zinc finger protein 395	2.00	No
205964_at	79088	ZNF426	zinc finger protein 426	1.76	No
222136_x_at	7594	ZNF43	zinc finger protein 43 (HTF6)	1.51	No
206829_x_at	80264	ZNF430	zinc finger protein 430	1.45	No
218312_s_at	65982	ZNF447	zinc finger protein 447	1.99	No
204291_at	9849	ZNF518	zinc finger protein 518	1.39	No
206648_at	51276	ZNF571	zinc finger protein 571	1.95	No
220760_x_at	79788	ZNF665	zinc finger protein 665	1.37	No
221645_s_at	55769	ZNF83	zinc finger protein 83 (HPF1)	1.97	No
204453_at	7637	ZNF84	zinc finger protein 84 (HPF2)	1.46	No
206059_at	7644	ZNF91	zinc finger protein 91 (HPF7, HTF10)	2.27	No
220086_at	64376	ZNFN1A5	zinc finger protein, subfamily 1A, 5	1.57	No
215263_at	158586 OR 7789	ZXDA OR ZXDB	zinc finger, X-linked, duplicated A OR zinc finger, X-linked, duplicated B	1.43	No
214807_at	---	---	MRNA; cDNA DKFZp564O0862 (from clone DKFZp564O0862)	1.64	No
217606_at	284972	---	MRNA; cDNA DKFZp686P24158 (from clone DKFZp686P24158)	1.84	No
213156_at	---	---	MRNA; cDNA DKFZp586B211 (from clone DKFZp586B211) OR Homo sapiens, clone IMAGE:	1.86	No
43511_s_at	220018	---	MRNA; cDNA DKFZp762M127 (from clone DKFZp762M127)	1.62	No
215262_at	---	---	Clone 24629 mRNA sequence	2.05	No
212920_at	---	---	<i>Transcribed sequence with weak similarity to protein ref.NP_060312.1 (H.sapiens) hypothetic</i>	1.39	No
213158_at	---	---	MRNA; cDNA DKFZp586B211 (from clone DKFZp586B211)	1.77	No
215307_at	---	---	MRNA full length insert cDNA clone EUROIMAGE 31619	1.50	No