

Supplemental table 2. List of differentially expressed genes identified by SAM analysis (5% FDR) for combined CRS syndromes compared with NSS controls.

Probe Set ID	Gene Symbol	Gene Title	Fold cha	Entrez Gen	Cytoband
1555623_at	DERP12	dermal papilla derived protein 12	-100	---	---
233847_x_at	ZA31P	---	-33.33	---	---
1554997_a_at	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	-5.88	5743	1q25.2-q25.3
204748_at	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	-5	5743	1q25.2-q25.3
206204_at	GRB14	growth factor receptor-bound protein 14	-3.85	2888	2q22-q24
236824_at	TMEM132B	transmembrane protein 132B	-3.85	114795	12q24.31-q24.32
230135_at	---	---	-3.7	---	---
219789_at	NPR3	natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C)	-3.12	4883	5p14-p13
209277_at	TFPI2	tissue factor pathway inhibitor 2	-3.12	7980	7q22
203887_s_at	THBD	thrombomodulin	-3.12	7056	20p11.2
208719_s_at	DDX17	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	-3.03	10521	22q13.1
227314_at	ITGA2	integrin, alpha 2 (CD49B, alpha 2 subunit of VLA-2 receptor)	-3.03	3673	5q23-q31
228964_at	PRDM1	PR domain containing 1, with ZNF domain	-2.94	639	6q21-q22.1
204614_at	SERPINB2	serpin peptidase inhibitor, clade B (ovalbumin), member 2	-2.86	5055	18q21.3
203888_at	THBD	thrombomodulin	-2.78	7056	20p11.2
236468_at	---	---	-2.7	---	---
230425_at	EPHB1	EPH receptor B1	-2.7	2047	3q21-q23
209278_s_at	TFPI2	tissue factor pathway inhibitor 2	-2.7	7980	7q22
205428_s_at	CALB2	calbindin 2, 29kDa (calretinin)	-2.63	794	16q22.2
208151_x_at	DDX17	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	-2.63	10521	22q13.1
208394_x_at	ESM1	endothelial cell-specific molecule 1	-2.63	11082	5q11.2
219054_at	C5orf23	chromosome 5 open reading frame 23	-2.56	79614	5p13.3
201578_at	PODXL	podocalyxin-like	-2.56	5420	7q32-q33
212859_x_at	MT1E	metallothionein 1E	-2.38	4493	16q13
229070_at	C6orf105	chromosome 6 open reading frame 105	-2.33	84830	6p24.1
209875_s_at	SPP1	secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1)	-2.33	6696	4q21-q25
239331_at	---	---	-2.27	---	---
230560_at	STXBP6	syntaxin binding protein 6 (amisyn)	-2.27	29091	14q12
219528_s_at	BCL11B	B-cell CLL/lymphoma 11B (zinc finger protein)	-2.22	64919	14q32.2
208893_s_at	DUSP6	dual specificity phosphatase 6	-2.17	1848	12q22-q23
208581_x_at	MT1X	metallothionein 1X	-2.17	4501	16q13
228399_at	OSR1	odd-skipped related 1 (Drosophila)	-2.17	130497	2p24.1
205828_at	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	-2.13	4314	11q22.3
204326_x_at	MT1X	metallothionein 1X	-2.13	4501	16q13
236718_at	MYO10	myosin X	-2.13	4651	5p15.1-p14.3
203908_at	SLC4A4	solute carrier family 4, sodium bicarbonate cotransporter, member 4	-2.13	8671	4q21
237252_at	THBD	thrombomodulin	-2.13	7056	20p11.2
235236_at	---	---	-2.08	---	---
204475_at	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	-2.08	4312	11q22.3
204011_at	SPRY2	sprouty homolog 2 (Drosophila)	-2.08	10253	13q31.1
226218_at	IL7R	interleukin 7 receptor	-2.04	3575	5p13
219790_s_at	NPR3	natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C)	-2.04	4883	5p14-p13

229576_s_at	TBX3	T-box 3 (ulnar mammary syndrome)	-2.04	6926	12q24.1
211814_s_at	CCNE2	cyclin E2	-2	9134	8q22.1
215177_s_at	ITGA6	integrin, alpha 6	-2	3655	2q31.1
218340_s_at	UBA6	ubiquitin-like modifier activating enzyme 6	-2	55236	4q13.2
229824_at	---	---	-1.96	---	---
225750_at	---	---	-1.96	---	---
213865_at	DCBLD2	discoïdin, CUB and LCCL domain containing 2	-1.96	131566	3q12.1 3
217165_x_at	MT1F	metallothionein 1F	-1.96	4494	16q13
206461_x_at	MT1H	metallothionein 1H	-1.96	4496	16q13
227082_at	---	---	-1.92	---	---
216336_x_at	MT1E	metallothionein 1E	-1.92	4493	16q13
207334_s_at	TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	-1.92	7048	3p22
223395_at	ABI3BP	ABI gene family, member 3 (NESH) binding protein	-1.89	25890	3q12
227084_at	DTNA	dystrobrevin, alpha	-1.89	1837	18q12
1567224_at	HMGA2	high mobility group AT-hook 2	-1.89	8091	12q15
206172_at	IL13RA2	interleukin 13 receptor, alpha 2	-1.89	3598	Xq13.1-q28
205798_at	IL7R	interleukin 7 receptor	-1.89	3575	5p13
211456_x_at	MT1P2	metallothionein 1 pseudogene 2	-1.89	645745	1q43
212185_x_at	MT2A	metallothionein 2A	-1.89	4502	16q13
227354_at	PAG1	phosphoprotein associated with glycosphingolipid microdomains 1	-1.89	55824	8q21.13
235046_at	---	---	-1.85	---	---
203180_at	ALDH1A3	aldehyde dehydrogenase 1 family, member A3	-1.85	220	15q26.3
210735_s_at	CA12	carbonic anhydrase XII	-1.85	771	15q22
213998_s_at	DDX17	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	-1.85	10521	22q13.1
202600_s_at	NRIP1	nuclear receptor interacting protein 1	-1.85	8204	21q11.2
212240_s_at	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	-1.85	5295	5q13.1
1555326_a_at	ADAM9	ADAM metalloproteinase domain 9 (meltrin gamma)	-1.82	8754	8p11.23
218498_s_at	ERO1L	ERO1-like (S. cerevisiae)	-1.82	30001	14q22.1
217999_s_at	PHLDA1	pleckstrin homology-like domain, family A, member 1	-1.82	22822	12q15
218782_s_at	ATAD2	ATPase family, AAA domain containing 2	-1.79	29028	8q24.13
217523_at	CD44	CD44 molecule (Indian blood group)	-1.79	960	11p13
223533_at	LRRC8C	leucine rich repeat containing 8 family, member C	-1.79	84230	1p22.2
242677_at	NRP1	Neuropilin 1	-1.79	8829	10p12
217998_at	PHLDA1	pleckstrin homology-like domain, family A, member 1	-1.79	22822	12q15
228483_s_at	TAF9B	TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor, 31kDa	-1.79	51616	Xq13.1-q21.1
229011_at	---	---	-1.75	---	---
228314_at	---	---	-1.75	---	---
225847_at	AADA1	arylacetamide deacetylase-like 1	-1.75	57552	3q26.31
204508_s_at	CA12	carbonic anhydrase XII	-1.75	771	15q22
203963_at	CA12	carbonic anhydrase XII	-1.75	771	15q22
1552921_a_at	FIGL1	figetin-like 1	-1.75	63979	7p12.2
208025_s_at	HMGA2	high mobility group AT-hook 2	-1.75	8091	12q15
213629_x_at	MT1F	metallothionein 1F	-1.75	4494	16q13
225173_at	ARHGAP18	Rho GTPase activating protein 18	-1.72	93663	6q22.33
227404_s_at	EGR1	Early growth response 1	-1.72	1958	5q31.1
200637_s_at	PTPRF	protein tyrosine phosphatase, receptor type, F	-1.72	5792	1p34
228250_at	RAPGEF6	Rap guanine nucleotide exchange factor (GEF) 6	-1.72	51735	5q23.3
214895_s_at	ADAM10	ADAM metalloproteinase domain 10	-1.69	102	15q2

202604_x_at	ADAM10	ADAM metallopeptidase domain 10	-1.69	102	15q2
205410_s_at	ATP2B4	ATPase, Ca++ transporting, plasma membrane 4	-1.69	493	1q32.1
213895_at	EMP1	epithelial membrane protein 1	-1.69	2012	12p12.3
201976_s_at	MYO10	myosin X	-1.69	4651	5p15.1-p14.3
223661_at	NUCKS1	nuclear casein kinase and cyclin-dependent kinase substrate 1	-1.69	64710	1q32.1
218000_s_at	PHLDA1	pleckstrin homology-like domain, family A, member 1	-1.69	22822	12q15
203096_s_at	RAPGEF2	Rap guanine nucleotide exchange factor (GEF) 2	-1.69	9693	4q32.1
240991_at	---	---	-1.67	---	---
227529_s_at	AKAP12	A kinase (PRKA) anchor protein (gravin) 12	-1.67	9590	6q24-q25
210896_s_at	ASPH	aspartate beta-hydroxylase	-1.67	444	8q12.1
241986_at	BMPER	BMP binding endothelial regulator	-1.67	168667	7p14.3
224911_s_at	DCBLD2	discoidin, CUB and LCCL domain containing 2	-1.67	131566	3q12.1 3
222889_at	DCLRE1B	DNA cross-link repair 1B (PSO2 homolog, <i>S. cerevisiae</i>)	-1.67	64858	1p13.2
216250_s_at	LPXN	leupaxin	-1.67	9404	11q12.1
228262_at	MAP7D2	MAP7 domain containing 2	-1.67	256714	Xp22.12
232431_at	---	---	-1.64	---	---
227530_at	AKAP12	A kinase (PRKA) anchor protein (gravin) 12	-1.64	9590	6q24-q25
225919_s_at	C9orf72	chromosome 9 open reading frame 72	-1.64	203228	9p21.2
215867_x_at	CA12	carbonic anhydrase XII	-1.64	771	15q22
214164_x_at	CA12	carbonic anhydrase XII	-1.64	771	15q22
226545_at	CD109	CD109 molecule	-1.64	135228	6q13
210311_at	FGF5	fibroblast growth factor 5	-1.64	2250	4q21
225842_at	PHLDA1	pleckstrin homology-like domain, family A, member 1	-1.64	22822	12q15
210807_s_at	SLC16A7	solute carrier family 16, member 7 (monocarboxylic acid transporter 2)	-1.64	9194	12q13
242629_at	---	---	-1.61	---	---
203526_s_at	APC	adenomatous polyposis coli	-1.61	324	5q21-q22
225171_at	ARHGAP18	Rho GTPase activating protein 18	-1.61	93663	6q22.33
221703_at	BRIP1	BRCA1 interacting protein C-terminal helicase 1	-1.61	83990	17q22-q24
208711_s_at	CCND1	cyclin D1	-1.61	595	11q13
239719_at	CD109	CD109 molecule	-1.61	135228	6q13
224829_at	CPEB4	cytoplasmic polyadenylation element binding protein 4	-1.61	80315	5q21
233655_s_at	FAM29A	family with sequence similarity 29, member A	-1.61	54801	9p22.1
225116_at	HIPK2	homeodomain interacting protein kinase 2	-1.61	28996	7q32-q34
217997_at	PHLDA1	pleckstrin homology-like domain, family A, member 1	-1.61	22822	12q15
204612_at	PKIA	protein kinase (cAMP-dependent, catalytic) inhibitor alpha	-1.61	5569	8q21.12
227340_s_at	RGMB	RGM domain family, member B	-1.61	285704	5q21.1
222088_s_at	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3	-1.61	6515	12p13.3
212286_at	ANKRD12	ankyrin repeat domain 12	-1.59	23253	18p11.22
219558_at	ATP13A3	ATPase type 13A3	-1.59	79572	3q29
244852_at	DSEL	dermatan sulfate epimerase-like	-1.59	92126	18q22.1
226810_at	OGFRL1	opioid growth factor receptor-like 1	-1.59	79627	6q13
212239_at	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	-1.59	5295	5q13.1
212629_s_at	PKN2	protein kinase N2	-1.59	5586	1p22.2
200636_s_at	PTPRF	protein tyrosine phosphatase, receptor type, F	-1.59	5792	1p34
236834_at	SCFD2	sec1 family domain containing 2	-1.59	152579	4q12
207057_at	SLC16A7	solute carrier family 16, member 7 (monocarboxylic acid transporter 2)	-1.59	9194	12q13
208944_at	TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	-1.59	7048	3p22
1558733_at	ZBTB38	zinc finger and BTB domain containing 38	-1.59	253461	3q23

233506_at	---	---	-1.56	---	---
221823_at	C5orf30	chromosome 5 open reading frame 30	-1.56	90355	5q21.1
212746_s_at	CEP170	centrosomal protein 170kDa	-1.56	9859	1q44
1552717_s_at	CEP170	centrosomal protein 170kDa	-1.56	645455	1q44
206806_at	DGKI	diacylglycerol kinase, iota	-1.56	9162	7q32.3-q33
232080_at	HECW2	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2	-1.56	57520	2q32.3-q33.1
200635_s_at	PTPRF	protein tyrosine phosphatase, receptor type, F	-1.56	5792	1p34
1569269_s_at	SRGAP1	SLIT-ROBO Rho GTPase activating protein 1	-1.56	57522	12q14.2
222735_at	TMEM38B	transmembrane protein 38B	-1.56	55151	9q31.2
213107_at	TNIK	TRAF2 and NCK interacting kinase	-1.56	23043	3q26.2-q26.31
222600_s_at	UBA6	ubiquitin-like modifier activating enzyme 6	-1.56	55236	4q13.2
238587_at	UBASH3B	ubiquitin associated and SH3 domain containing, B	-1.56	84959	11q24.1
219062_s_at	ZCCHC2	zinc finger, CCHC domain containing 2	-1.56	54877	18q21.33
230175_s_at	---	---	-1.54	---	---
205808_at	ASPH	aspartate beta-hydroxylase	-1.54	444	8q12.1
226463_at	ATP6V1C1	ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1	-1.54	528	8q22.3
202873_at	ATP6V1C1	ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1	-1.54	528	8q22.3
235486_at	C11orf41	chromosome 11 open reading frame 41	-1.54	25758	11p13
228728_at	C7orf58	chromosome 7 open reading frame 58	-1.54	79974	7q31.31
228555_at	CAMK2D	calcium/calmodulin-dependent protein kinase (CaM kinase) II delta	-1.54	817	4q26
219279_at	DOCK10	dedicator of cytokinesis 10	-1.54	55619	2q36.2
221773_at	ELK3	ELK3, ETS-domain protein (SRF accessory protein 2)	-1.54	2004	12q23
218748_s_at	EXOC5	exocyst complex component 5	-1.54	10640	14q23.1
202599_s_at	NRIP1	nuclear receptor interacting protein 1	-1.54	8204	21q11.2
216236_s_at	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3	-1.54	144195	12p13.3
233827_s_at	SUPT16H	suppressor of Ty 16 homolog (S. cerevisiae)	-1.54	11198	14q11.2
216228_s_at	WDHD1	WD repeat and HMG-box DNA binding protein 1	-1.54	11169	14q22.3
223542_at	ANKRD32	ankyrin repeat domain 32	-1.52	84250	5q15
212135_s_at	ATP2B4	ATPase, Ca++ transporting, plasma membrane 4	-1.52	493	1q32.1
203482_at	C10orf6	chromosome 10 open reading frame 6	-1.52	55719	10q24.31
231793_s_at	CAMK2D	calcium/calmodulin-dependent protein kinase (CaM kinase) II delta	-1.52	817	4q26
208712_at	CCND1	cyclin D1	-1.52	595	11q13
203641_s_at	COBLL1	COBL-like 1	-1.52	22837	2q24.3
206127_at	ELK3	ELK3, ETS-domain protein (SRF accessory protein 2)	-1.52	2004	12q23
225115_at	HIPK2	homeodomain interacting protein kinase 2	-1.52	28996	7q32-q34
210261_at	KCNK2	potassium channel, subfamily K, member 2	-1.52	3776	1q41
225752_at	NIPA1	non imprinted in Prader-Willi/Angelman syndrome 1	-1.52	123606	15q11.2
222719_s_at	PDGFC	platelet derived growth factor C	-1.52	56034	4q32
204835_at	POLA1	polymerase (DNA directed), alpha 1	-1.52	5422	Xp22.1-p21.3
222846_at	RAB8B	RAB8B, member RAS oncogene family	-1.52	51762	15q22.2
226989_at	RGMB	RGM domain family, member B	-1.52	285704	5q21.1
222536_s_at	ZNF395	zinc finger protein 395	-1.52	55893	8p21.1
226186_at	---	---	-1.49	---	---
1558517_s_at	---	---	-1.49	---	---
224797_at	ARRDC3	arrestin domain containing 3	-1.49	57561	5q14.3
213295_at	CYLD	cylindromatosis (turban tumor syndrome)	-1.49	1540	16q12.1
225368_at	HIPK2	homeodomain interacting protein kinase 2	-1.49	28996	7q32-q34
225097_at	HIPK2	homeodomain interacting protein kinase 2	-1.49	28996	7q32-q34

209512_at	HSDL2	hydroxysteroid dehydrogenase like 2	-1.49	84263	9q32
213640_s_at	LOX	lysyl oxidase	-1.49	4015	5q23.2
218273_s_at	PPM2C	protein phosphatase 2C, magnesium-dependent, catalytic subunit	-1.49	54704	8q22.1
201647_s_at	SCARB2	scavenger receptor class B, member 2	-1.49	950	4q21.1
226416_at	THEX1	three prime histone mRNA exonuclease 1	-1.49	90459	8p23.1
222562_s_at	TNKS2	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2	-1.49	80351	10q23.3
1566968_at	---	---	-1.47	---	---
213805_at	ABHD5	abhydrolase domain containing 5	-1.47	51099	3p21
226893_at	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene)	-1.47	27	1q24-q25
202760_s_at	AKAP2	PALM2-AKAP2	-1.47	445815	9q31-q33
212253_x_at	DST	dystonin	-1.47	667	6p12.1
205021_s_at	FOXN3	forkhead box N3	-1.47	1112	14q31.3
229055_at	GPR68	G protein-coupled receptor 68	-1.47	8111	14q31
213446_s_at	IQGAP1	IQ motif containing GTPase activating protein 1	-1.47	8826	15q26.1
201465_s_at	JUN	jun oncogene	-1.47	3725	1p32-p31
227638_at	KIAA1632	KIAA1632	-1.47	57724	18q12.3-q21.1
227761_at	MYO5A	myosin VA (heavy chain 12, myoxin)	-1.47	4644	15q21
209750_at	NR1D2	nuclear receptor subfamily 1, group D, member 2	-1.47	9975	3p24.2
204082_at	PBX3	pre-B-cell leukemia homeobox 3	-1.47	5090	9q33-q34
1557918_s_at	SLC16A1	solute carrier family 16, member 1 (monocarboxylic acid transporter 1)	-1.47	6566	1p12
221765_at	UGCG	UDP-glucose ceramide glucosyltransferase	-1.47	7357	9q31
219221_at	ZBTB38	zinc finger and BTB domain containing 38	-1.47	253461	3q23
242366_at	---	---	-1.45	---	---
1555977_at	---	---	-1.45	---	---
208703_s_at	APLP2	amyloid beta (A4) precursor-like protein 2	-1.45	334	11q23-q25
201101_s_at	BCLAF1	BCL2-associated transcription factor 1	-1.45	9774	6q22-q23
1553108_at	C5orf24	chromosome 5 open reading frame 24	-1.45	134553	5q31.1
210310_s_at	FGF5	fibroblast growth factor 5	-1.45	2250	4q21
238539_at	HPS3	Hermansky-Pudlak syndrome 3	-1.45	84343	3q24
236108_at	KIAA1632	KIAA1632	-1.45	57724	18q12.3-q21.1
228986_at	OSBPL8	oxysterol binding protein-like 8	-1.45	114882	12q14
205991_s_at	PRRX1	paired related homeobox 1	-1.45	5396	1q24
202497_x_at	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3	-1.45	6515	12p13.3
222736_s_at	TMEM38B	transmembrane protein 38B	-1.45	55151	9q31.2
222601_at	UBA6	ubiquitin-like modifier activating enzyme 6	-1.45	55236	4q13.2
1564053_a_at	YTHDF3	YTH domain family, member 3	-1.45	253943	8q12.3
209049_s_at	ZMYND8	zinc finger, MYND-type containing 8	-1.45	23613	20q13.12
241925_x_at	---	---	-1.43	---	---
226550_at	---	---	-1.43	---	---
200727_s_at	ACTR2	ARP2 actin-related protein 2 homolog (yeast)	-1.43	10097	2p14
209135_at	ASPH	aspartate beta-hydroxylase	-1.43	444	8q12.1
203481_at	C10orf6	chromosome 10 open reading frame 6	-1.43	55719	10q24.31
230739_at	C18orf19	chromosome 18 open reading frame 19	-1.43	125228	18p11.21
208853_s_at	CANX	calnexin	-1.43	821	5q35
207719_x_at	CEP170	centrosomal protein 170kDa	-1.43	9859	1q44
223249_at	CLDN12	claudin 12	-1.43	9069	7q21
39582_at	CYLD	cylindromatosis (turban tumor syndrome)	-1.43	1540	16q12.1
213645_at	ENOSF1	enolase superfamily member 1	-1.43	55556	18p11.32

235202_x_at	IKIP	IKK interacting protein	-1.43	121457	12q23.1
228453_at	KIAA1632	KIAA1632	-1.43	57724	18q12.3-q21.1
203294_s_at	LMAN1	lectin, mannose-binding, 1	-1.43	3998	18q21.3-q22
210756_s_at	NOTCH2	Notch homolog 2 (Drosophila)	-1.43	4853	1p13-p11
225768_at	NR1D2	nuclear receptor subfamily 1, group D, member 2	-1.43	9975	3p24.2
221045_s_at	PER3	period homolog 3 (Drosophila)	-1.43	8863	1p36.23
210568_s_at	RECQL	RecQ protein-like (DNA helicase Q1-like)	-1.43	5965	12p12
1557078_at	SLFN5	schlafen family member 5	-1.43	162394	17q12
209447_at	SYNE1	spectrin repeat containing, nuclear envelope 1	-1.43	23345	6q25
1554878_a_at	ABCD3	ATP-binding cassette, sub-family D (ALD), member 3	-1.41	5825	1p22-p21
218096_at	AGPAT5	1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon)	-1.41	55326	8p23.1
210858_x_at	ATM	ataxia telangiectasia mutated	-1.41	472	11q22-q23
205095_s_at	ATP6V0A1	ATPase, H+ transporting, lysosomal V0 subunit a1	-1.41	535	17q21
229900_at	CD109	CD109 molecule	-1.41	135228	6q13
208499_s_at	DNAJC3	DnaJ (Hsp40) homolog, subfamily C, member 3	-1.41	5611	13q32
230263_s_at	DOCK5	Dedicator of cytokinesis 5	-1.41	80005	8p21.2
242422_at	G3BP1	GTPase activating protein (SH3 domain) binding protein 1	-1.41	10146	5q33.1
224744_at	IMPAD1	inositol monophosphatase domain containing 1	-1.41	54928	8q12.1
224743_at	IMPAD1	inositol monophosphatase domain containing 1	-1.41	54928	8q12.1
1552611_a_at	JAK1	Janus kinase 1 (a protein tyrosine kinase)	-1.41	3716	1p32.3-p31.3
238490_at	KIAA2026	KIAA2026	-1.41	158358	9p24.1
224410_s_at	LMBR1	limb region 1 homolog (mouse)	-1.41	64327	7q36
211599_x_at	MET	met proto-oncogene (hepatocyte growth factor receptor)	-1.41	4233	7q31
225997_at	MOBK1A	MOB1, Mps One Binder kinase activator-like 1A (yeast)	-1.41	92597	4q13.3
209629_s_at	NXT2	nuclear transport factor 2-like export factor 2	-1.41	55916	Xq22.3
212214_at	OPA1	optic atrophy 1 (autosomal dominant)	-1.41	4976	3q28-q29
200730_s_at	PTP4A1	protein tyrosine phosphatase type IVA, member 1	-1.41	7803	6q12
226923_at	SCFD2	sec1 family domain containing 2	-1.41	152579	4q12
212577_at	SMCHD1	structural maintenance of chromosomes flexible hinge domain containing 1	-1.41	23347	18p11.32
221727_at	SUB1	SUB1 homolog (S. cerevisiae)	-1.41	10923	5p13.3
201730_s_at	TPR	translocated promoter region (to activated MET oncogene)	-1.41	7175	1q25
203690_at	TUBGCP3	tubulin, gamma complex associated protein 3	-1.41	10426	13q34
238420_at	---	---	-1.39	---	---
202759_s_at	AKAP2	A kinase (PRKA) anchor protein 2	-1.39	11217	9q31-q33
208248_x_at	APLP2	amyloid beta (A4) precursor-like protein 2	-1.39	334	11q23-q25 11q24
222538_s_at	APPL1	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1	-1.39	26060	3p21.1-p14.3
216266_s_at	ARFGEF1	ADP-ribosylation factor guanine nucleotide-exchange factor 1 (brefeldin A-inhibited)	-1.39	10565	8q13
212136_at	ATP2B4	ATPase, Ca++ transporting, plasma membrane 4	-1.39	493	1q32.1
228748_at	CD59	CD59 molecule, complement regulatory protein	-1.39	966	11p13
204662_at	CP110	CP110 protein	-1.39	9738	16p12.3
203302_at	DCK	deoxycytidine kinase	-1.39	1633	4q13.3-q21.1
222665_at	FAM82B	family with sequence similarity 82, member B	-1.39	51115	8q21.3
224933_s_at	JMJD1C	jumonji domain containing 1C	-1.39	221037	10q21.2-q21.3
226534_at	KITLG	KIT ligand	-1.39	4254	12q22
224606_at	KLF6	Kruppel-like factor 6	-1.39	1316	10p15
1555832_s_at	KLF6	Kruppel-like factor 6	-1.39	1316	10p15
215446_s_at	LOX	lysyl oxidase	-1.39	4015	5q23.2
201299_s_at	MOBK1B	MOB1, Mps One Binder kinase activator-like 1B (yeast)	-1.39	55233	2p13.1

219321_at	MPP5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)	-1.39	64398	14q23.3
211547_s_at	PAFAH1B1	platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit 45kDa	-1.39	5048	17p13.3
224883_at	PLDN	pallidin homolog (mouse)	-1.39	26258	15q21.1
238020_at	PSMC2	Proteasome (prosome, macropain) 26S subunit, ATPase, 2	-1.39	5701	7q22.1-q22.3
200731_s_at	PTP4A1	protein tyrosine phosphatase type IVA, member 1	-1.39	7803	6q12
201646_at	SCARB2	scavenger receptor class B, member 2	-1.39	950	4q21.1
233888_s_at	SRGAP1	SLIT-ROBO Rho GTPase activating protein 1	-1.39	57522	12q14.2
208097_s_at	TXNDC1	thioredoxin domain containing 1	-1.39	81542	14q22.1
208704_x_at	APLP2	amyloid beta (A4) precursor-like protein 2	-1.37	334	11q23-q25
214483_s_at	ARFIP1	ADP-ribosylation factor interacting protein 1 (arfaptin 1)	-1.37	27236	4q31.3
201971_s_at	ATP6V1A	ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A	-1.37	523	3q13.2-q13.31
217196_s_at	CAMSAP1L1	calmodulin regulated spectrin-associated protein 1-like 1	-1.37	23271	1q32.1
217814_at	CCDC47	coiled-coil domain containing 47	-1.37	57003	17q23.3
230426_at	DLD	dihydroliipoamide dehydrogenase	-1.37	1738	7q31-q32
212467_at	DNAJC13	DnaJ (Hsp40) homolog, subfamily C, member 13	-1.37	23317	3q22.1
211607_x_at	EGFR	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	-1.37	1956	7p12
201325_s_at	EMP1	epithelial membrane protein 1	-1.37	2012	12p12.3
203285_s_at	HS2ST1	heparan sulfate 2-O-sulfotransferase 1	-1.37	9653	1p31.1-p22.1
203202_at	KRR1	KRR1, small subunit (SSU) processome component, homolog (yeast)	-1.37	11103	12q21.2
213457_at	MFHAS1	malignant fibrous histiocytoma amplified sequence 1	-1.37	9258	8p23.1
204837_at	MTMR9	myotubularin related protein 9	-1.37	66036	8p23-p22
222393_s_at	NAT13	N-acetyltransferase 13	-1.37	80218	3q13.2
211090_s_at	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	-1.37	8899	6p25.2
235484_at	PTAR1	protein prenyltransferase alpha subunit repeat containing 1	-1.37	375743	9q21.11
223028_s_at	SNX9	sorting nexin 9	-1.37	51429	6q25.1-q26
225492_at	TMEM33	transmembrane protein 33	-1.37	55161	4p13
218772_x_at	TMEM38B	transmembrane protein 38B	-1.37	55151	9q31.2
222502_s_at	UFM1	ubiquitin-fold modifier 1	-1.37	51569	13q13.3
230177_at	---	---	-1.35	---	---
227623_at	---	---	-1.35	---	---
227539_at	---	---	-1.35	---	---
226834_at	---	---	-1.35	---	---
224755_at	---	---	-1.35	---	---
202955_s_at	ARFGEF1	ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited)	-1.35	10565	8q13
214499_s_at	BCLAF1	BCL2-associated transcription factor 1	-1.35	9774	6q22-q23
211985_s_at	CALM1	calmodulin 1 (phosphorylase kinase, delta)	-1.35	801	14q24-q31
206788_s_at	CBFB	core-binding factor, beta subunit	-1.35	865	16q22.1
208866_at	CSNK1A1	casein kinase 1, alpha 1	-1.35	1452	5q32
225549_at	DDX6	DEAD (Asp-Glu-Ala-Asp) box polypeptide 6	-1.35	1656	11q23.3
210984_x_at	EGFR	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	-1.35	1956	7p12
211998_at	H3F3A	H3 histone, family 3A	-1.35	3020	17q25
208055_s_at	HERC4	hect domain and RLD 4	-1.35	26091	10q21.3
226395_at	HOOK3	hook homolog 3 (Drosophila)	-1.35	84376	8p11.21
209513_s_at	HSDL2	hydroxysteroid dehydrogenase like 2	-1.35	84263	9q32
209185_s_at	IRS2	insulin receptor substrate 2	-1.35	8660	13q34
216908_x_at	LOC730092	RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae) pseudogene	-1.35	730092	16p12.1
225479_at	LRRC58	leucine rich repeat containing 58	-1.35	116064	3q13.33
212076_at	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)	-1.35	4297	11q23

1553551_s_at	ND2	NADH dehydrogenase, subunit 2 (complex I)	-1.35	4536	---
204049_s_at	PHACTR2	phosphatase and actin regulator 2	-1.35	9749	6q24.2
208995_s_at	PPIG	peptidylprolyl isomerase G (cyclophilin G)	-1.35	9360	2q31.1
200732_s_at	PTP4A1	protein tyrosine phosphatase type IVA, member 1	-1.35	7803	6q12
1552790_a_at	SEC62	SEC62 homolog (S. cerevisiae)	-1.35	7095	3q26.2
243999_at	SLFN5	schlafen family member 5	-1.35	162394	17q12
207983_s_at	STAG2	stromal antigen 2	-1.35	10735	Xq25
238604_at	---	---	-1.33	---	---
225269_s_at	C2orf12	chromosome 2 open reading frame 12	-1.33	192137	2q24.3
204489_s_at	CD44	CD44 molecule (Indian blood group)	-1.33	960	11p13
200984_s_at	CD59	CD59 molecule, complement regulatory protein	-1.33	966	11p13
225077_at	CHD2	chromodomain helicase DNA binding protein 2	-1.33	1106	15q26
202444_s_at	ERLIN1	ER lipid raft associated 1	-1.33	10613	10q21-q22
201514_s_at	G3BP1	GTPase activating protein (SH3 domain) binding protein 1	-1.33	10146	5q33.1
221480_at	HNRNPD	heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)	-1.33	3184	4q21.1-q21.2
208936_x_at	LGALS8	lectin, galactoside-binding, soluble, 8 (galectin 8)	-1.33	3964	1q42-q43
213807_x_at	MET	met proto-oncogene (hepatocyte growth factor receptor)	-1.33	4233	7q31
1554414_a_at	OSGIN2	oxidative stress induced growth inhibitor family member 2	-1.33	734	8q21
212720_at	PAPOLA	poly(A) polymerase alpha	-1.33	10914	14q32.31
222565_s_at	PRKD3	protein kinase D3	-1.33	23683	2p21
210543_s_at	PRKDC	protein kinase, DNA-activated, catalytic polypeptide	-1.33	5591	8q11
220368_s_at	SMEK1	SMEK homolog 1, suppressor of mek1 (Dictyostelium)	-1.33	55671	14q32.12
235074_at	SPRED1	sprouty-related, EVH1 domain containing 1	-1.33	161742	15q14
216100_s_at	TOR1AIP1	torsin A interacting protein 1	-1.33	26092	1q24.2
203476_at	TPBG	trophoblast glycoprotein	-1.33	7162	6q14-q15
224895_at	YAP1	Yes-associated protein 1, 65kDa	-1.33	10413	11q13
227978_s_at	ZADH2	zinc binding alcohol dehydrogenase, domain containing 2	-1.33	284273	18q22.3
202654_x_at	MARCH7	membrane-associated ring finger (C3HC4) 7	-1.33	64844	2q24.2
213935_at	ABHD5	abhydrolase domain containing 5	-1.32	51099	3p21
200776_s_at	BZW1	basic leucine zipper and W2 domains 1	-1.32	9689	3q13.31
208852_s_at	CANX	calnexin	-1.32	821	5q35
212586_at	CAST	calpastatin	-1.32	831	5q15
212014_x_at	CD44	CD44 molecule (Indian blood group)	-1.32	960	11p13
213548_s_at	CDV3	CDV3 homolog (mouse)	-1.32	55573	3q22.1
214030_at	DKFZp667G2110	hypothetical protein DKFZp667G2110	-1.32	131544	3q11.2
226970_at	FBXO33	F-box protein 33	-1.32	254170	14q21.1
206920_s_at	GLE1	GLE1 RNA export mediator homolog (yeast)	-1.32	2733	9q34.11
212223_at	IDS	iduronate 2-sulfatase (Hunter syndrome)	-1.32	3423	Xq28
1556186_s_at	KIAA0090	KIAA0090	-1.32	23065	1p36.13
214577_at	MAP1B	microtubule-associated protein 1B	-1.32	4131	5q13
206473_at	MBTPS2	membrane-bound transcription factor peptidase, site 2	-1.32	51360	Xp22.1-p22.2
217279_x_at	MMP14	matrix metalloproteinase 14 (membrane-inserted)	-1.32	4323	14q11-q12
225563_at	PAN3	PAN3 polyA specific ribonuclease subunit homolog (S. cerevisiae)	-1.32	255967	13q12.2
222826_at	PLDN	pallidin homolog (mouse)	-1.32	26258	15q21.1
207749_s_at	PPP2R3A	protein phosphatase 2 (formerly 2A), regulatory subunit B", alpha	-1.32	5523	3q22.1
209896_s_at	PTPN11	protein tyrosine phosphatase, non-receptor type 11 (Noonan syndrome 1)	-1.32	5781	12q24
201087_at	PXN	paxillin	-1.32	5829	12q24.31
202129_s_at	RIOK3	RIO kinase 3 (yeast)	-1.32	8780	18q11.2

201070_x_at	SF3B1	splicing factor 3b, subunit 1, 155kDa	-1.32	23451	2q33.1
213600_at	SIPA1L3	signal-induced proliferation-associated 1 like 3	-1.32	23094	19q13.13
201894_s_at	SSR1	signal sequence receptor, alpha (translocon-associated protein alpha)	-1.32	6745	6p24.3
214007_s_at	TWF1	twinfilin, actin-binding protein, homolog 1 (Drosophila)	-1.32	5756	12q12
202316_x_at	UBE4B	ubiquitination factor E4B (UFD2 homolog, yeast)	-1.32	10277	1p36.3
233559_s_at	WDFY1	WD repeat and FYVE domain containing 1	-1.32	57590	2q36.1
226280_at	---	---	-1.3	---	---
1559822_s_at	---	---	-1.3	---	---
211986_at	AHNAK	AHNAK nucleoprotein	-1.3	79026	11q12.2
216521_s_at	BRCC3	BRCA1/BRCA2-containing complex, subunit 3	-1.3	79184	Xq28
200777_s_at	BZW1	basic leucine zipper and W2 domains 1	-1.3	9689	2q33
224311_s_at	CAB39	calcium binding protein 39	-1.3	51719	2q37.1
212765_at	CAMSAP1L1	calmodulin regulated spectrin-associated protein 1-like 1	-1.3	23271	1q32.1
1559954_s_at	DDX42	DEAD (Asp-Glu-Ala-Asp) box polypeptide 42	-1.3	11325	17q23.3
204077_x_at	ENTPD4	ectonucleoside triphosphate diphosphohydrolase 4	-1.3	9583	8p21.3
222726_s_at	EXOC5	exocyst complex component 5	-1.3	10640	14q23.1
211299_s_at	FLOT2	flotillin 2	-1.3	2319	17q11-q12
238959_at	LARP4	La ribonucleoprotein domain family, member 4	-1.3	113251	12q13.13
201866_s_at	NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	-1.3	2908	5q31.3
222394_at	PDCD6IP	programmed cell death 6 interacting protein	-1.3	10015	3p22.3
213405_at	RAB22A	RAB22A, member RAS oncogene family	-1.3	57403	20q13.32
201870_at	TOMM34	translocase of outer mitochondrial membrane 34	-1.3	10953	---
222579_at	UBA5	ubiquitin-like modifier activating enzyme 5	-1.3	79876	3q22.1
201378_s_at	UBAP2L	ubiquitin associated protein 2-like	-1.3	9898	1q21.3
224691_at	---	---	-1.28	---	---
201686_x_at	API5	apoptosis inhibitor 5	-1.28	8539	11p11.2
211984_at	CALM1	calmodulin 1 (phosphorylase kinase, delta)	-1.28	801	---
200985_s_at	CD59	CD59 molecule, complement regulatory protein	-1.28	966	11p13
225805_at	HNRNPU	heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)	-1.28	3192	1q44
202419_at	KDSR	3-ketodihydrosphingosine reductase	-1.28	2531	18q21.3
225556_at	LOC203547	hypothetical protein LOC203547	-1.28	203547	Xq28
201251_at	PKM2	pyruvate kinase, muscle	-1.28	5315	15q22
233080_s_at	PRPF40A	PRP40 pre-mRNA processing factor 40 homolog A (S. cerevisiae)	-1.28	55660	2q23.3
223598_at	RAD23B	RAD23 homolog B (S. cerevisiae)	-1.28	5887	9q31.2
224880_at	RALA	v-ral simian leukemia viral oncogene homolog A (ras related)	-1.28	5898	7p15-p13
235747_at	SLC25A16	Solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16	-1.28	8034	10q21.3
223197_s_at	SMARCAD1	SWI/SNF-related, matrix-associated actin-dependent regulator of chromatin, subfamily a, containing DEAD/H box 1	-1.28	56916	4q22-q23
217832_at	SYNCRIP	synaptotagmin binding, cytoplasmic RNA interacting protein	-1.28	10492	6q14-q15
204147_s_at	TFDP1	transcription factor Dp-1	-1.28	7027	13q34
215533_s_at	UBE4B	ubiquitination factor E4B (UFD2 homolog, yeast)	-1.28	10277	1p36.3
208884_s_at	UBR5	ubiquitin protein ligase E3 component n-recognin 5	-1.28	51366	8q22
203855_at	WDR47	WD repeat domain 47	-1.28	22911	1p13.3
1554159_a_at	ZMYND11	zinc finger, MYND domain containing 11	-1.28	10771	10p14
232808_at	---	---	-1.27	---	---
1556121_at	---	---	-1.27	---	---
214959_s_at	API5	apoptosis inhibitor 5	-1.27	8539	11p11.2
212815_at	ASCC3	activating signal cointegrator 1 complex subunit 3	-1.27	10973	6q16.1-q16.3
225677_at	BCAP29	B-cell receptor-associated protein 29	-1.27	55973	7q22-q31

225019_at	CAMK2D	calcium/calmodulin-dependent protein kinase (CaM kinase) II delta	-1.27	817	4q26
222432_s_at	CCDC47	coiled-coil domain containing 47	-1.27	57003	17q23.3
209835_x_at	CD44	CD44 molecule (Indian blood group)	-1.27	960	11p13
200983_x_at	CD59	CD59 molecule, complement regulatory protein	-1.27	966	11p13
1555278_a_at	CKAP5	cytoskeleton associated protein 5	-1.27	9793	11p11.2
200861_at	CNOT1	CCR4-NOT transcription complex, subunit 1	-1.27	23019	16q21
222409_at	CORO1C	coronin, actin binding protein, 1C	-1.27	23603	12q24.1
203079_s_at	CUL2	cullin 2	-1.27	8453	10p11.21
227521_at	FBXO33	F-box protein 33	-1.27	254170	14q21.1
222570_at	FREQ	frequenin homolog (Drosophila)	-1.27	23413	9q34
225007_at	G3BP1	GTPase activating protein (SH3 domain) binding protein 1	-1.27	10146	5q33.1
224863_at	GNAQ	Guanine nucleotide binding protein (G protein), q polypeptide	-1.27	2776	9q21
224316_at	KCTD9	potassium channel tetramerisation domain containing 9	-1.27	54793	8p21.1
212248_at	MTDH	Metadherin	-1.27	92140	8q22.1
225673_at	MYADM	myeloid-associated differentiation marker	-1.27	91663	19q13.41
202780_at	OXCT1	3-oxoacid CoA transferase 1	-1.27	5019	5p13.1
200813_s_at	PAFAH1B1	platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit 45kDa	-1.27	5048	17p13.3
209780_at	PHTF2	putative homeodomain transcription factor 2	-1.27	57157	7q11.23-q21
216153_x_at	RECK	reversion-inducing-cysteine-rich protein with kazal motifs	-1.27	8434	9p13-p12
235390_at	SFRS12IP1	SFRS12-interacting protein 1	-1.27	285672	5q12.3
221483_s_at	ARPP-19	cyclic AMP phosphoprotein, 19 kD	-1.25	10776	15q21.2
202370_s_at	CBFB	core-binding factor, beta subunit	-1.25	865	16q22.1
212063_at	CD44	CD44 molecule (Indian blood group)	-1.25	960	11p13
209092_s_at	GLOD4	glyoxalase domain containing 4	-1.25	51031	17p13.3
202544_at	GMFB	glia maturation factor, beta	-1.25	2764	14q22.2
222403_at	MTCH2	mitochondrial carrier homolog 2 (C. elegans)	-1.25	23788	11p11.2
212365_at	MYO1B	myosin IB	-1.25	4430	2q12-q34
209798_at	NPAT	nuclear protein, ataxia-telangiectasia locus	-1.25	4863	11q22-q23
224956_at	NUFIP2	nuclear fragile X mental retardation protein interacting protein 2	-1.25	57532	17q11.2
202614_at	SLC30A9	solute carrier family 30 (zinc transporter), member 9	-1.25	10463	4p13-p12
1558249_s_at	STX16	syntaxin 16	-1.25	8675	20q13.32
224908_s_at	TTL	tubulin tyrosine ligase	-1.25	150465	2q13
208459_s_at	XPO7	exportin 7	-1.25	23039	8p21
212285_s_at	AGRN	agrin	-1.23	375790	1p36.33
201012_at	ANXA1	annexin A1	-1.23	301	9q12-q21.2
222834_s_at	GNG12	guanine nucleotide binding protein (G protein), gamma 12	-1.23	55970	1p31.3
218091_at	HRB	HIV-1 Rev binding protein	-1.23	3267	2q36.3
200691_s_at	HSPA9	heat shock 70kDa protein 9 (mortalin)	-1.23	3313	5q31.1
200791_s_at	IQGAP1	IQ motif containing GTPase activating protein 1	-1.23	8826	15q26.1
207121_s_at	MAPK6	mitogen-activated protein kinase 6	-1.23	5597	15q21
218109_s_at	MFSD1	major facilitator superfamily domain containing 1	-1.23	64747	3q25.33
214812_s_at	MOBK1B	MOB1, Mps One Binder kinase activator-like 1B (yeast)	-1.23	55233	2p13.1
210510_s_at	NRP1	neuropilin 1	-1.23	8829	10p12
206323_x_at	OPHN1	oligophrenin 1	-1.23	4983	Xq12
233873_x_at	PAPD1	PAP associated domain containing 1	-1.23	55149	10p11.23
229517_at	PTPDC1	protein tyrosine phosphatase domain containing 1	-1.23	138639	9q22.32
201529_s_at	RPA1	replication protein A1, 70kDa	-1.23	6117	17p13.3
201528_at	RPA1	replication protein A1, 70kDa	-1.23	6117	17p13.3

211769_x_at	SERINC3	serine incorporator 3	-1.23	10955	20q13.1-q13.3
218228_s_at	TNKS2	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2	-1.23	80351	10q23.3
225179_at	UBE2K	ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast)	-1.23	3093	4p14
226719_at	---	---	-1.22	---	---
200068_s_at	CANX	calnexin	-1.22	821	5q35
208624_s_at	EIF4G1	eukaryotic translation initiation factor 4 gamma, 1	-1.22	1981	3q27-qter
223248_at	HSDL1	hydroxysteroid dehydrogenase like 1	-1.22	83693	16q24.1
211961_s_at	RAB7A	RAB7A, member RAS oncogene family	-1.22	7879	3q21.3
221473_x_at	SERINC3	serine incorporator 3	-1.22	10955	20q13.1-q13.3
208920_at	SRI	sorcin	-1.22	6717	7q21.1
1555841_at	TMEFF1	transmembrane protein with EGF-like and two follistatin-like domains 1	-1.22	8577	9q31
222976_s_at	TPM3	tropomyosin 3	-1.22	7170	1q21.2
226567_at	USP14	ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase)	-1.22	9097	18p11.32
242857_at	---	---	-1.2	---	---
214726_x_at	ADD1	adducin 1 (alpha)	-1.2	118	4p16.3
208683_at	CAPN2	calpain 2, (m/II) large subunit	-1.2	824	1q41-q42
225697_at	CRKRS	Cdc2-related kinase, arginine/serine-rich	-1.2	51755	17q12
201219_at	CTBP2	C-terminal binding protein 2	-1.2	1488	10q26.13
225132_at	FBXL3	F-box and leucine-rich repeat protein 3	-1.2	26224	13q22
238701_x_at	FLJ45803	FLJ45803 protein	-1.2	399948	11q23.1
200745_s_at	GNB1	guanine nucleotide binding protein (G protein), beta polypeptide 1	-1.2	2782	1p36.33
212597_s_at	HMG2L1	high-mobility group protein 2-like 1	-1.2	10042	22q13.1
41386_i_at	JMJD3	jumonji domain containing 3, histone lysine demethylase	-1.2	23135	17p13.1
217725_x_at	SERBP1	SERPINE1 mRNA binding protein 1	-1.2	26135	1p31
224636_at	ZFP91	zinc finger protein 91 homolog (mouse)	-1.2	80829	11q12
1554747_a_at	SEPT2	septin 2	-1.2	4735	2q37
224893_at	ATL3	atlastin 3	-1.19	25923	11q13.1
208625_s_at	EIF4G1	eukaryotic translation initiation factor 4 gamma, 1	-1.19	1981	3q27-qter
223073_at	HIATL1	hippocampus abundant transcript-like 1	-1.19	84641	9q22.32
225506_at	KIAA1468	KIAA1468	-1.19	57614	18q21.33
224958_at	NUFIP2	nuclear fragile X mental retardation protein interacting protein 2	-1.19	57532	17q11.2
225494_at	---	---	-1.18	---	---
1556442_x_at	---	---	-1.18	---	---
203142_s_at	AP3B1	adaptor-related protein complex 3, beta 1 subunit	-1.18	8546	5q14.1
202100_at	RALB	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)	-1.18	5899	2cen-q13
225198_at	VAPA	VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa	-1.18	9218	18p11.22
208374_s_at	CAPZA1	capping protein (actin filament) muscle Z-line, alpha 1	-1.15	829	1p13.2
223420_at	DNAJC14	DnaJ (Hsp40) homolog, subfamily C, member 14	-1.15	85406	12q13.2
210570_x_at	MAPK9	mitogen-activated protein kinase 9	-1.14	5601	5q35
219108_x_at	DDX27	DEAD (Asp-Glu-Ala-Asp) box polypeptide 27	1.09	55661	20q13.13
211956_s_at	EIF1	eukaryotic translation initiation factor 1	1.11	10209	17q21.2
226091_s_at	MRFAP1	Mof4 family associated protein 1	1.11	93621	4p16.1
225554_s_at	ANAPC7	anaphase promoting complex subunit 7	1.13	51434	12q24.11
217768_at	C14orf166	chromosome 14 open reading frame 166	1.13	51637	14q22.1
201837_s_at	SUPT7L	suppressor of Ty 7 (S. cerevisiae)-like	1.13	9913	2pter-p25.1
202349_at	TOR1A	torsin family 1, member A (torsin A)	1.13	1861	9q34
207812_s_at	GORASP2	golgi reassembly stacking protein 2, 55kDa	1.14	26003	2q31.1-q31.2
225808_at	LOC124512	hypothetical protein LOC124512	1.14	124512	17q25.2

223356_s_at	MTIF3	mitochondrial translational initiation factor 3	1.15	219402	13q12.2
219133_at	OXSM	3-oxoacyl-ACP synthase, mitochondrial	1.15	54995	3p24.2
221475_s_at	RPL15	ribosomal protein L15	1.15	6138	3p24.2
217801_at	ATP5E	ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit	1.16	514	20q13.32
200086_s_at	COX4I1	cytochrome c oxidase subunit IV isoform 1	1.16	1327	16q22-qter
201956_s_at	GNPAT	glyceronephosphate O-acyltransferase	1.16	8443	1q42
210633_x_at	KRT10	keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)	1.16	3858	17q21
219598_s_at	RWDD1	RWD domain containing 1	1.16	51389	6q13-q22.33
203588_s_at	TFDP2	transcription factor Dp-2 (E2F dimerization partner 2)	1.16	7029	3q23
205849_s_at	UQCRB	ubiquinol-cytochrome c reductase binding protein	1.16	7381	8q22
224696_s_at	WDR22	WD repeat domain 22	1.16	8816	14q23-q24.1
211793_s_at	ABI2	abl interactor 2	1.17	10152	2q33
213099_at	ANGEL1	angel homolog 1 (Drosophila)	1.17	23357	14q24.3
207335_x_at	ATP5I	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit E	1.17	521	4p16.3
221821_s_at	C12orf41	chromosome 12 open reading frame 41	1.17	54934	12q13.11
204215_at	C7orf23	chromosome 7 open reading frame 23	1.17	79161	7q21.1-q21.2
201134_x_at	COX7C	cytochrome c oxidase subunit VIIc	1.17	1350	5q14
222997_s_at	MRPS21	mitochondrial ribosomal protein S21	1.17	148523	1q21
203396_at	PSMA4	proteasome (prosome, macropain) subunit, alpha type, 4	1.17	5685	15q25.1
217492_s_at	PTEN	phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	1.17	5728	10q23.3
202640_s_at	RANBP3	RAN binding protein 3	1.17	8498	19p13.3
217457_s_at	RAP1GDS1	RAP1, GTP-GDP dissociation stimulator 1	1.17	5910	4q23-q25
218254_s_at	SAR1B	SAR1 gene homolog B (S. cerevisiae)	1.17	51128	5q31.1
218470_at	YARS2	tyrosyl-tRNA synthetase 2, mitochondrial	1.17	51067	12p11.21
226386_at	C7orf30	chromosome 7 open reading frame 30	1.18	115416	7p15.3
210114_at	INVS	inversin	1.18	27130	9q31
207023_x_at	KRT10	keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)	1.18	3858	17q21
221847_at	LOC100129361	hypothetical protein LOC100129361	1.18	100129361	12p13.2
222992_s_at	NDUFB9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9, 22kDa	1.18	4715	8q13.3
209222_s_at	OSBPL2	oxysterol binding protein-like 2	1.18	9885	20q13.3
223269_at	POLR3GL	polymerase (RNA) III (DNA directed) polypeptide G (32kD)-like	1.18	84265	1q21.1
209444_at	RAP1GDS1	RAP1, GTP-GDP dissociation stimulator 1	1.18	5910	4q23-q25
209545_s_at	RIPK2	receptor-interacting serine-threonine kinase 2	1.18	8767	8q21
217256_x_at	RPL36A	ribosomal protein L36a	1.18	6173	19p12
225783_at	UBE2F	ubiquitin-conjugating enzyme E2F (putative)	1.18	140739	2q37.3
226242_at	C1orf131	chromosome 1 open reading frame 131	1.19	128061	1q42.2
213846_at	COX7C	cytochrome c oxidase subunit VIIc	1.19	1350	5q14
204756_at	MAP2K5	mitogen-activated protein kinase kinase 5	1.19	5607	15q23
217980_s_at	MRPL16	mitochondrial ribosomal protein L16	1.19	54948	11q12-q13.1
210212_x_at	MTCP1	mature T-cell proliferation 1	1.19	4515	Xq28
202244_at	PSMB4	proteasome (prosome, macropain) subunit, beta type, 4	1.19	5692	1q21
201705_at	PSMD7	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7	1.19	5713	16q23-q24
204053_x_at	PTEN	phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	1.19	5728	10q23.3
1569895_at	---	---	1.2	---	---
208822_s_at	DAP3	death associated protein 3	1.2	7818	1q21-q22
218799_at	GPN2	GPN-loop GTPase 2	1.2	54707	1p36.11
213287_s_at	KRT10	keratin 10 (epidermolytic hyperkeratosis; keratosis palmaris et plantaris)	1.2	3858	17q21
221274_s_at	LMAN2L	lectin, mannose-binding 2-like	1.2	81562	2q11.2

208771_s_at	LTA4H	leukotriene A4 hydrolase	1.2	4048	12q22
218163_at	MCTS1	malignant T cell amplified sequence 1	1.2	28985	Xq22-q24
204091_at	PDE6D	phosphodiesterase 6D, cGMP-specific, rod, delta	1.2	5147	2q35-q36
225849_s_at	SFT2D1	SFT2 domain containing 1	1.2	113402	6q27
202682_s_at	USP4	ubiquitin specific peptidase 4 (proto-oncogene)	1.2	7375	3p21.3
202144_s_at	ADSL	adenylosuccinate lyase	1.21	158	22q13.1
200042_at	C22orf28	chromosome 22 open reading frame 28	1.21	51493	22q12
226011_at	CCDC12	coiled-coil domain containing 12	1.21	151903	3p21.31
218970_s_at	CUTC	cutC copper transporter homolog (E. coli)	1.21	51076	10q24.2
225359_at	DNAJC19	DnaJ (Hsp40) homolog, subfamily C, member 19	1.21	131118	3q26.33
218100_s_at	IFT57	intraflagellar transport 57 homolog (Chlamydomonas)	1.21	55081	3q13.12
218982_s_at	MRPS17	mitochondrial ribosomal protein S17	1.21	51373	7p11
203616_at	POLB	polymerase (DNA directed), beta	1.21	5423	8p11.2
218286_s_at	RNF7	ring finger protein 7	1.21	9616	3q22-q24
1554555_a_at	SETD6	SET domain containing 6	1.21	79918	16q21
221702_s_at	TM2D3	TM2 domain containing 3	1.21	80213	15q26.3
207268_x_at	ABI2	abl interactor 2	1.22	10152	2q33
212645_x_at	BRE	brain and reproductive organ-expressed (TNFRSF1A modulator)	1.22	9577	2p23.2
211566_x_at	BRE	brain and reproductive organ-expressed (TNFRSF1A modulator)	1.22	9577	2p23.2
202279_at	C14orf2	chromosome 14 open reading frame 2	1.22	9556	14q32.33
228135_at	C1orf52	chromosome 1 open reading frame 52	1.22	148423	1p22.3
227086_at	C22orf39	chromosome 22 open reading frame 39	1.22	128977	22q11.21
203450_at	CBY1	chibby homolog 1 (Drosophila)	1.22	25776	22q12
225331_at	CCDC50	coiled-coil domain containing 50	1.22	152137	3q28
203522_at	CCS	copper chaperone for superoxide dismutase	1.22	9973	11q13
217491_x_at	COX7C	cytochrome c oxidase subunit VIIc	1.22	1350	5q14
201738_at	EIF1B	eukaryotic translation initiation factor 1B	1.22	10289	3p22.1
218154_at	GSDMDC1	gasdermin domain containing 1	1.22	79792	8q24.3
209075_s_at	ISCU	iron-sulfur cluster scaffold homolog (E. coli)	1.22	23479	12q24.1
223428_s_at	ISY1	ISY1 splicing factor homolog (S. cerevisiae)	1.22	57461	3q21.3
223104_at	JAGN1	jagunal homolog 1 (Drosophila)	1.22	84522	3p25.2
78383_at	LOC100129250	similar to hCG1811779	1.22	100129250	9p21.1
203478_at	NDUFC1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa	1.22	4717	4q28.2-q31.1
218946_at	NFU1	NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae)	1.22	27247	2p15-p13
211033_s_at	PEX7	peroxisomal biogenesis factor 7	1.22	5191	6q21-q22.2
223808_s_at	PTPMT1	protein tyrosine phosphatase, mitochondrial 1	1.22	114971	11p11.2
217846_at	QARS	glutamyl-tRNA synthetase	1.22	5859	3p21.3-p21.1
224395_s_at	RNF7	ring finger protein 7	1.22	9616	3q22-q24
223917_s_at	SLC39A3	solute carrier family 39 (zinc transporter), member 3	1.22	29985	19p13.3
227356_at	---	---	1.23	---	---
1555970_at	---	---	1.23	---	---
210250_x_at	ADSL	adenylosuccinate lyase	1.23	158	22q13.1 22q13.2
226414_s_at	ANAPC11	APC11 anaphase promoting complex subunit 11 homolog (yeast)	1.23	51529	17q25.3
223023_at	BET1L	blocked early in transport 1 homolog (S. cerevisiae)-like	1.23	51272	11p15.5
209112_at	CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)	1.23	1027	12p13.1-p12
218648_at	CRTC3	CREB regulated transcription coactivator 3	1.23	64784	15q26.1
212541_at	FLAD1	FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae)	1.23	80308	1q21.3
213357_at	GTF2H5	general transcription factor IIH, polypeptide 5	1.23	404672	6q25.3

201035_s_at	HADH	hydroxyacyl-Coenzyme A dehydrogenase	1.23	3033	4q22-q26
231865_at	KIAA1602	KIAA1602	1.23	57701	12q13.13
231319_x_at	KIF9	kinesin family member 9	1.23	64147	3p21.31
213127_s_at	MED8	mediator complex subunit 8	1.23	112950	1p34.2
224948_at	MRPS24	mitochondrial ribosomal protein S24	1.23	64951	7p14
218654_s_at	MRPS33	mitochondrial ribosomal protein S33	1.23	51650	7q32-q34
209578_s_at	POFUT2	protein O-fucosyltransferase 2	1.23	23275	21q22.3
226150_at	PPAPDC1B	phosphatidic acid phosphatase type 2 domain containing 1B	1.23	84513	8p12
224710_at	RAB34	RAB34, member RAS oncogene family	1.23	83871	17q11.2
205037_at	RABL4	RAB, member of RAS oncogene family-like 4	1.23	11020	22q13.1
219816_s_at	RBM23	RNA binding motif protein 23	1.23	55147	14q11.2
225547_at	SNHG6	small nucleolar RNA host gene (non-protein coding) 6	1.23	641638	8q13
209358_at	TAF11	TAF11 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 28kDa	1.23	6882	6p21.31
212910_at	THAP11	THAP domain containing 11	1.23	57215	16q22.1
1552426_a_at	TM2D3	TM2 domain containing 3	1.23	80213	15q26.3
223113_at	TMEM138	transmembrane protein 138	1.23	51524	11q12.2
217797_at	UFC1	ubiquitin-fold modifier conjugating enzyme 1	1.23	51506	1q23.3
212747_at	ANKS1A	ankyrin repeat and sterile alpha motif domain containing 1A	1.24	23294	6p21.31
202641_at	ARL3	ADP-ribosylation factor-like 3	1.24	403	10q23.3
227904_at	AZI2	5-azacytidine induced 2	1.24	64343	3p24.1
210817_s_at	CALCOCO2	calcium binding and coiled-coil domain 2	1.24	10241	17q21.32
222609_s_at	EXOSC1	exosome component 1	1.24	51013	10q24
224885_s_at	KRTCAP2	keratinocyte associated protein 2	1.24	200185	1q22
219119_at	LSM8	LSM8 homolog, U6 small nuclear RNA associated (S. cerevisiae)	1.24	51691	7q31.1-q31.3
212748_at	MKL1	megakaryoblastic leukemia (translocation) 1	1.24	57591	22q13
218869_at	MLYCD	malonyl-CoA decarboxylase	1.24	23417	16q24
209609_s_at	MRPL9	mitochondrial ribosomal protein L9	1.24	65005	1q21
221027_s_at	PLA2G12A	phospholipase A2, group XIIA	1.24	81579	4q25
225251_at	RAB24	RAB24, member RAS oncogene family	1.24	53917	5q35.3
217756_x_at	SERF2	small EDRK-rich factor 2	1.24	10169	15q15.3
223277_at	TMEM103	transmembrane protein 103	1.24	54859	3p21.31
226752_at	TMEM157	transmembrane protein 157	1.24	345757	5q21.1
1729_at	TRADD	TNFRSF1A-associated via death domain	1.24	8717	16q22
202090_s_at	UQCR	ubiquinol-cytochrome c reductase, 6.4kDa subunit	1.24	10975	19p13.3
222503_s_at	WDR41	WD repeat domain 41	1.24	55255	5q14.1
208906_at	BSCL2	Bernardinelli-Seip congenital lipodystrophy 2 (seipin)	1.25	221092	11q12-q13.5
226165_at	C8orf59	chromosome 8 open reading frame 59	1.25	401466	8q21.2
204264_at	CPT2	carnitine palmitoyltransferase II	1.25	1376	1p32
218845_at	DUSP22	dual specificity phosphatase 22	1.25	56940	6p25.3
226466_s_at	FAM58A	family with sequence similarity 58, member A	1.25	92002	Xq28
221515_s_at	LCMT1	leucine carboxyl methyltransferase 1	1.25	51451	16p12.3-p12.1
213220_at	LOC92482	hypothetical LOC92482	1.25	92482	10q25.2
203781_at	MRPL33	mitochondrial ribosomal protein L33	1.25	9553	2p21
226616_s_at	NDUFV3	NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa	1.25	4731	21q22.3
225418_at	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B)	1.25	5819	19q13.2
231059_x_at	SCAND1	SCAN domain containing 1	1.25	51282	20q11.1-q11.23
224751_at	SLC13A4	Solute carrier family 13 (sodium/sulfate symporters), member 4	1.25	26266	7q33
218822_s_at	STX16	syntaxin 16	1.25	79716	20q13.32

223170_at	TMEM98	transmembrane protein 98	1.25	26022	17q11.2
226546_at	---	---	1.26	---	---
224756_s_at	BAT5	HLA-B associated transcript 5	1.26	7920	6p21.3
209836_x_at	BOLA2	bolA homolog 2 (E. coli)	1.26	552900	16p11.2
219022_at	C12orf43	chromosome 12 open reading frame 43	1.26	64897	12q
45526_g_at	FLJ14154	hypothetical protein FLJ14154	1.26	79903	16p13.3
217990_at	GMPR2	guanosine monophosphate reductase 2	1.26	51292	14q12
203776_at	GPKOW	G patch domain and KOW motifs	1.26	27238	Xp11.23
52159_at	HEMK1	HemK methyltransferase family member 1	1.26	51409	3p21.3
209575_at	IL10RB	interleukin 10 receptor, beta	1.26	3588	21q22.1-q22.2
48825_at	ING4	inhibitor of growth family, member 4	1.26	51147	12p13.31
220160_s_at	KPTN	kaptin (actin binding protein)	1.26	11133	19q13.32
203897_at	LYRM1	LYR motif containing 1	1.26	57149	16p11.2
224302_s_at	MRPS36	mitochondrial ribosomal protein S36	1.26	92259	5q13.2
209303_at	NDUFS4	NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q reductase)	1.26	4724	5q11.1
225844_at	POLE4	polymerase (DNA-directed), epsilon 4 (p12 subunit)	1.26	56655	2p12
225143_at	SFXN4	sideroflexin 4	1.26	119559	10q26.11
65630_at	TMEM80	transmembrane protein 80	1.26	283232	11p15.5
226787_at	ZNF18	zinc finger protein 18	1.26	7566	17p11.2
219603_s_at	ZNF226	zinc finger protein 226	1.26	7769	19q13.2
222064_s_at	AARSD1	alanyl-tRNA synthetase domain containing 1	1.27	80755	17q21.31
204290_s_at	ALDH6A1	aldehyde dehydrogenase 6 family, member A1	1.27	4329	14q24.3
213995_at	ATP5S	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit s (factor B)	1.27	27109	14q22.1
230326_s_at	C11orf73	chromosome 11 open reading frame 73	1.27	51501	11q14.2
228249_at	C11orf74	chromosome 11 open reading frame 74	1.27	119710	11p12
230871_at	DHX30	DEAH (Asp-Glu-Ala-His) box polypeptide 30	1.27	22907	3p21.31
224163_s_at	DMAP1	DNA methyltransferase 1 associated protein 1	1.27	55929	1p34
227166_at	DNAJC18	DnaJ (Hsp40) homolog, subfamily C, member 18	1.27	202052	5q31.2
203562_at	FEZ1	fasciculation and elongation protein zeta 1 (zygin I)	1.27	9638	11q24.2
205661_s_at	FLAD1	FAD1 flavin adenine dinucleotide synthetase homolog (S. cerevisiae)	1.27	80308	1q21.3
217751_at	GSTK1	glutathione S-transferase kappa 1	1.27	373156	---
1555866_a_at	HEXDC	hexosaminidase (glycosyl hydrolase family 20, catalytic domain) containing	1.27	284004	17q25.3
210927_x_at	JTB	jumping translocation breakpoint	1.27	10899	1q21
209971_x_at	JTV1	JTV1 gene	1.27	7965	7p22
207170_s_at	LETMD1	LETM1 domain containing 1	1.27	25875	12q13.13
201871_s_at	LOC51035	SAPK substrate protein 1	1.27	51035	11q12.3
226958_s_at	MED11	mediator complex subunit 11	1.27	400569	17p13.2
226209_at	NDUFV3	NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa	1.27	4731	21q22.3
218556_at	ORMDL2	ORM1-like 2 (S. cerevisiae)	1.27	29095	12q13.2
208454_s_at	PGCP	plasma glutamate carboxypeptidase	1.27	10404	8q22.2
218667_at	PJA1	praja 1	1.27	64219	Xq13.1
35156_at	R3HCC1	R3H domain and coiled-coil containing 1	1.27	203069	8p21.3
225743_at	RPUSD3	RNA pseudouridylation synthase domain containing 3	1.27	285367	3p25.3
222493_s_at	ZFAND3	zinc finger, AN1-type domain 3	1.27	60685	6pter-p22.3
219345_at	BOLA1	bolA homolog 1 (E. coli)	1.28	51027	1p36.13-q31.3
205550_s_at	BRE	brain and reproductive organ-expressed (TNFRSF1A modulator)	1.28	9577	2p23.2
217780_at	C19orf56	chromosome 19 open reading frame 56	1.28	51398	19p13.13
224968_at	CCDC104	coiled-coil domain containing 104	1.28	112942	2p16.1

209501_at	CDR2	cerebellar degeneration-related protein 2, 62kDa	1.28	1039	16p12.3
222701_s_at	CHCHD7	coiled-coil-helix-coiled-coil-helix domain containing 7	1.28	79145	8q12.1
209549_s_at	DGUOK	deoxyguanosine kinase	1.28	1716	2p13
218620_s_at	HEMK1	HemK methyltransferase family member 1	1.28	51409	3p21.3
202138_x_at	JTV1	JTV1 gene	1.28	7965	7p22
225014_at	LOC389203	hypothetical gene supported by BC032431	1.28	389203	4p15.2
228355_s_at	NDUFAF2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 2	1.28	91942	5q12.1
219680_at	NLRX1	NLR family member X1	1.28	79671	11q23.3
51146_at	PIGV	phosphatidylinositol glycan anchor biosynthesis, class V	1.28	55650	1p36.11
224857_s_at	POLR1D	polymerase (RNA) I polypeptide D, 16kDa	1.28	51082	13q12.2
204839_at	POP5	processing of precursor 5, ribonuclease P/MRP subunit (S. cerevisiae)	1.28	51367	12q24.31
225901_at	PTPMT1	protein tyrosine phosphatase, mitochondrial 1	1.28	114971	11p11.2
203150_at	RABEPK	Rab9 effector protein with kelch motifs	1.28	10244	9q33.3
221827_at	RBCK1	RanBP-type and C3HC4-type zinc finger containing 1	1.28	10616	20p13
229009_at	SIX5	SIX homeobox 5	1.28	147912	19q13.32
210242_x_at	ST20	suppressor of tumorigenicity 20	1.28	400410	15q25.1
201812_s_at	TOMM7	translocase of outer mitochondrial membrane 7 homolog (yeast)	1.28	201725	4q32.1
217958_at	TRAPPC4	trafficking protein particle complex 4	1.28	51399	11q23.3
220261_s_at	ZDHHC4	zinc finger, DHHC-type containing 4	1.28	55146	7p22.1
218213_s_at	C11orf10	chromosome 11 open reading frame 10	1.29	746	11q12-q13.1
203257_s_at	C11orf49	chromosome 11 open reading frame 49	1.29	79096	11p11.2
205530_at	ETFDH	electron-transferring-flavoprotein dehydrogenase	1.29	2110	4q32-q35
217168_s_at	HERPUD1	homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1	1.29	9709	16q12.2-q13
210719_s_at	HMG20B	high-mobility group 20B	1.29	10362	19p13.3
210434_x_at	JTB	jumping translocation breakpoint	1.29	10899	1q21
218253_s_at	LGTN	ligatin	1.29	1939	1q31-q32
222512_at	NUB1	negative regulator of ubiquitin-like proteins 1	1.29	51667	7q36
1553587_a_at	POLE4	polymerase (DNA-directed), epsilon 4 (p12 subunit)	1.29	56655	2p12
209817_at	PPP3CB	protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform	1.29	5532	10q21-q22
1560587_s_at	PRDX5	peroxiredoxin 5	1.29	25824	11q13
212922_s_at	SMYD2	SET and MYND domain containing 2	1.29	56950	1q41
33736_at	STOML1	stomatin (EPB72)-like 1	1.29	9399	15q24-q25
231948_s_at	UBE2F	ubiquitin-conjugating enzyme E2F (putative)	1.29	140739	2q37.3
230257_s_at	C1orf19	chromosome 1 open reading frame 19	1.3	116461	1q25
225195_at	DPH3	DPH3, KTI11 homolog (S. cerevisiae)	1.3	285381	3p24.3
225591_at	FBXO25	F-box protein 25	1.3	26260	8p23.3
202105_at	IGBP1	immunoglobulin (CD79A) binding protein 1	1.3	3476	Xq13.1-q13.3
205055_at	ITGAE	integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide)	1.3	3682	17p13
202595_s_at	LEPROTL1	leptin receptor overlapping transcript-like 1	1.3	23484	8p21.2-p21.1
214083_at	LOC100132532	hypothetical protein LOC100132532	1.3	100132532	14q32.31
208682_s_at	MAGED2	melanoma antigen family D, 2	1.3	10916	Xp11.2
204173_at	MYL6B	myosin, light chain 6B, alkali, smooth muscle and non-muscle	1.3	140465	12q13.13
202891_at	NIT1	nitrilase 1	1.3	4817	1q21-q22
34187_at	RBMS2	RNA binding motif, single stranded interacting protein 2	1.3	5939	12q13.3
218206_x_at	SCAND1	SCAN domain containing 1	1.3	51282	20q11.1-q11.23
224752_at	SLC13A4	Solute carrier family 13 (sodium/sulfate symporters), member 4	1.3	26266	7q33
202811_at	STAMPB	STAM binding protein	1.3	10617	2p13.1
224670_at	SYS1	SYS1 Golgi-localized integral membrane protein homolog (S. cerevisiae)	1.3	90196	20q13.12

225787_at	UBE2F	ubiquitin-conjugating enzyme E2F (putative)	1.3	140739	2q37.3
218645_at	ZNF277	zinc finger protein 277	1.3	11179	7q31.1
226519_s_at	AGXT2L2	alanine-glyoxylate aminotransferase 2-like 2	1.31	85007	5q35.3
224665_at	C10orf104	chromosome 10 open reading frame 104	1.31	119504	10q22.1
221600_s_at	C11orf67	chromosome 11 open reading frame 67	1.31	28971	11q14.1
218214_at	C12orf44	chromosome 12 open reading frame 44	1.31	60673	12q13.13
209177_at	C3orf60	chromosome 3 open reading frame 60	1.31	25915	3p21.31
226723_at	CCDC23	coiled-coil domain containing 23	1.31	374969	1p34.2
218504_at	FAHD2A	fumarylacetoacetate hydrolase domain containing 2A	1.31	51011	2p24.3-p11.2
213896_x_at	FAM149B1	family with sequence similarity 149, member B1	1.31	317662	10q22.2
227479_at	KIAA1244	KIAA1244	1.31	57221	6q23.3
230435_at	LOC375190	hypothetical LOC375190	1.31	375190	2p23.3
234875_at	LOC729926	similar to rCG45476	1.31	729926	19p12
204784_s_at	MLF1	myeloid leukemia factor 1	1.31	4291	3q25.1
210386_s_at	MTX1	metaxin 1	1.31	4580	1q21
220311_at	N6AMT1	N-6 adenine-specific DNA methyltransferase 1 (putative)	1.31	29104	21q21.3
211711_s_at	PTEN	phosphatase and tensin homolog (mutated in multiple advanced cancers 1)	1.31	5728	10q23.3
218526_s_at	RANGRF	RAN guanidine nucleotide release factor	1.31	29098	17p13
218836_at	RPP21	ribonuclease P/MRP 21kDa subunit	1.31	79897	6p21.33
201522_x_at	SNRPN	small nuclear ribonucleoprotein polypeptide N	1.31	6638	15q11.2
209770_at	BTN3A1	butyrophilin, subfamily 3, member A1	1.32	11119	6p22.1
204820_s_at	BTN3A3	butyrophilin, subfamily 3, member A3	1.32	10384	6p21.3
225419_at	C7orf11	chromosome 7 open reading frame 11	1.32	136647	7p14.1
222702_x_at	CRIP1	cysteine-rich PDZ-binding protein	1.32	9419	2p21
226402_at	CYP2U1	cytochrome P450, family 2, subfamily U, polypeptide 1	1.32	113612	4q25
202262_x_at	DDAH2	dimethylarginine dimethylaminohydrolase 2	1.32	23564	6p21.3
224060_s_at	DPH5	DPH5 homolog (S. cerevisiae)	1.32	51611	1p21.2
203430_at	HEBP2	heme binding protein 2	1.32	23593	6q24
224981_at	LOC124446	hypothetical protein BC017488	1.32	124446	16p11.2
226236_at	LOC388789	hypothetical LOC388789	1.32	388789	20p11.23
204027_s_at	METTL1	methyltransferase like 1	1.32	4234	12q13
209845_at	MKRN1	makorin, ring finger protein, 1	1.32	23608	7q34
223650_s_at	NRBF2	nuclear receptor binding factor 2	1.32	29982	10q21.2
217499_x_at	OR7E37P	olfactory receptor, family 7, subfamily E, member 37 pseudogene	1.32	26636	13q14.11
232902_s_at	RARS2	arginyl-tRNA synthetase 2, mitochondrial	1.32	57038	6q16.1
205228_at	RBMS2	RNA binding motif, single stranded interacting protein 2	1.32	5939	12q13.3
1554076_s_at	TMEM136	transmembrane protein 136	1.32	219902	11q23.3
224298_s_at	UBAC2	UBA domain containing 2	1.32	337867	13q32.3
223072_s_at	WBP1	WW domain binding protein 1	1.32	83444	2p12
227942_s_at	CRIP1	cysteine-rich PDZ-binding protein	1.33	9419	2p21
204257_at	FADS3	fatty acid desaturase 3	1.33	3995	11q12-q13.1
222105_s_at	NKIRAS2	NFKB inhibitor interacting Ras-like 2	1.33	28511	17q21.2
219489_s_at	NXN	nucleoredoxin	1.33	64359	17p13.3
210502_s_at	PPIE	peptidylprolyl isomerase E (cyclophilin E)	1.33	10450	1p32
222742_s_at	RABL5	RAB, member RAS oncogene family-like 5	1.33	64792	7q22.1
225264_at	RARS2	arginyl-tRNA synthetase 2, mitochondrial	1.33	57038	6q16.1
232652_x_at	SCAND1	SCAN domain containing 1	1.33	51282	20q11.1-q11.23
214096_s_at	SHMT2	serine hydroxymethyltransferase 2 (mitochondrial)	1.33	6472	12q12-q14

210886_x_at	TP53AP1	TP53 activated protein 1	1.33	11257	7q21.1
1294_at	UBA7	ubiquitin-like modifier activating enzyme 7	1.33	7318	3p21
219609_at	WDR25	WD repeat domain 25	1.33	79446	14q32.2
223639_s_at	ZNRD1	zinc ribbon domain containing 1	1.33	30834	6p21.3
225702_at	C8orf76	chromosome 8 open reading frame 76	1.34	84933	8q24.13
203880_at	COX17	COX17 cytochrome c oxidase assembly homolog (S. cerevisiae)	1.34	10063	3q13.33
204008_at	DNAL4	dynein, axonemal, light chain 4	1.34	10126	22q13.1
53071_s_at	FLJ22222	hypothetical protein FLJ22222	1.34	79701	17q25.3
200048_s_at	JTB	jumping translocation breakpoint	1.34	10899	1q21
209363_s_at	MED21	mediator complex subunit 21	1.34	9412	12p11.23
214075_at	NENF	neuron derived neurotrophic factor	1.34	29937	1q32.3
204436_at	PLEKHO2	pleckstrin homology domain containing, family O member 2	1.34	80301	15q22.1
202494_at	PPIE	peptidylprolyl isomerase E (cyclophilin E)	1.34	10450	1p32
202659_at	PSMB10	proteasome (prosome, macropain) subunit, beta type, 10	1.34	5699	16q22.1
242139_s_at	---	---	1.35	---	---
205775_at	FAM50B	family with sequence similarity 50, member B	1.35	26240	6p25-pter
213249_at	FBXL7	F-box and leucine-rich repeat protein 7	1.35	23194	5p15.1
201977_s_at	KIAA0141	KIAA0141	1.35	9812	5q31.3
230588_s_at	LOC285074	hypothetical protein LOC285074	1.35	285074	2p11.2
225441_x_at	LSMD1	LSM domain containing 1	1.35	84316	17p13.1
204168_at	MGST2	microsomal glutathione S-transferase 2	1.35	4258	4q28.3
218563_at	NDUFA3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3, 9kDa	1.35	4696	19q13.42
221803_s_at	NRBF2	nuclear receptor binding factor 2	1.35	29982	10q21.2
218291_at	RP11-336K24.9	mitogen-activated protein-binding protein-interacting protein	1.35	28956	1q22
223538_at	SERF1A	small EDRK-rich factor 1A (telomeric)	1.35	8293	5q12.2-q13.3
218321_x_at	STYXL1	serine/threonine/tyrosine interacting-like 1	1.35	51657	7q11.23
228606_at	TM4SF19	transmembrane 4 L six family member 19	1.35	116211	3q29
204254_s_at	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	1.35	7421	12q13.11
227092_at	---	---	1.36	---	---
204821_at	BTN3A3	butyrophilin, subfamily 3, member A3	1.36	10384	6p21.3
223773_s_at	C1orf79	chromosome 1 open reading frame 79	1.36	85028	1p35.3
225951_s_at	CHD2	Chromodomain helicase DNA binding protein 2	1.36	1106	15q26
207843_x_at	CYB5A	cytochrome b5 type A (microsomal)	1.36	1528	18q23
203979_at	CYP27A1	cytochrome P450, family 27, subfamily A, polypeptide 1	1.36	1593	2q33-qter
214909_s_at	DDAH2	dimethylarginine dimethylaminohydrolase 2	1.36	23564	6p21.3
222854_s_at	GEMIN8	gem (nuclear organelle) associated protein 8	1.36	54960	Xp22.2
217266_at	LOC100130624	hypothetical LOC100130624	1.36	100130624	22q12.1
224512_s_at	LSMD1	LSM domain containing 1	1.36	84316	17p13.1
218543_s_at	PARP12	poly (ADP-ribose) polymerase family, member 12	1.36	64761	7q34
226361_at	TMEM42	transmembrane protein 42	1.36	131616	3p21.31
210241_s_at	TP53AP1	TP53 activated protein 1	1.36	11257	7q21.1
203227_s_at	TSPAN31	tetraspanin 31	1.36	6302	12q13.3
219348_at	USE1	unconventional SNARE in the ER 1 homolog (S. cerevisiae)	1.36	55850	19p13.11
202418_at	YIF1A	Yip1 interacting factor homolog A (S. cerevisiae)	1.36	10897	11q13
228009_x_at	ZNRD1	zinc ribbon domain containing 1	1.36	30834	6p21.3
229493_at	---	---	1.37	---	---
219979_s_at	C11orf73	chromosome 11 open reading frame 73	1.37	51501	11q14.2
219709_x_at	C16orf24	chromosome 16 open reading frame 24	1.37	65990	16p13.3

218945_at	C16orf68	chromosome 16 open reading frame 68	1.37	79091	16p13.2
228291_s_at	C20orf19	chromosome 20 open reading frame 19	1.37	55857	20pter-q11.23
225723_at	C6orf129	chromosome 6 open reading frame 129	1.37	154467	6p21.2
226434_at	C7orf47	chromosome 7 open reading frame 47	1.37	221908	7q22.1
221951_at	TMEM80	transmembrane protein 80	1.37	283232	11p15.5
225651_at	UBE2E2	ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast)	1.37	7325	3p24.2
227674_at	ZNF585A	zinc finger protein 585A	1.37	199704	19q13.12
228275_at	---	---	1.38	---	---
221599_at	C11orf67	chromosome 11 open reading frame 67	1.38	28971	11q14.1
225312_at	COMMD6	COMM domain containing 6	1.38	170622	---
222056_s_at	FAHD2A	fumarylacetoacetate hydrolase domain containing 2A	1.38	51011	2p24.3-p11.2
225806_at	JUB	jub, ajuba homolog (Xenopus laevis)	1.38	84962	14q11.2
218773_s_at	MSRB2	methionine sulfoxide reductase B2	1.38	22921	10p12
209739_s_at	PNPLA4	patatin-like phospholipase domain containing 4	1.38	8228	Xp22.3
204078_at	SC65	synaptonemal complex protein SC65	1.38	10609	17q21.2
213571_s_at	EIF4E2	eukaryotic translation initiation factor 4E family member 2	1.39	9470	2q37.1
238021_s_at	hCG_1815491	hCG1815491	1.39	643911	16q12.2
210312_s_at	IFT20	intraflagellar transport 20 homolog (Chlamydomonas)	1.39	90410	17q11.2
230405_at	LOC441108	hypothetical gene supported by AK128882	1.39	441108	5q31.1
201475_x_at	MARS	methionyl-tRNA synthetase	1.39	4141	12q13.2
224574_at	RNASEK	ribonuclease, RNase K	1.39	440400	17p13.1
209111_at	RNF5	ring finger protein 5	1.39	6048	6p21.3
230370_x_at	STYXL1	serine/threonine/tyrosine interacting-like 1	1.39	51657	7q11.23
203281_s_at	UBA7	ubiquitin-like modifier activating enzyme 7	1.39	7318	3p21
223186_at	UBE2V1	ubiquitin-conjugating enzyme E2 variant 1	1.39	7335	20q13.2
212669_at	CAMK2G	calcium/calmodulin-dependent protein kinase (CaM kinase) II gamma	1.4	818	10q22
205361_s_at	PFDN4	prefoldin subunit 4	1.4	5203	20q13.2
204517_at	PPIC	peptidylprolyl isomerase C (cyclophilin C)	1.4	5480	5q23.2
226674_at	SHISA4	shisa homolog 4 (Xenopus laevis)	1.4	149345	1q32.1
223478_at	TIMM8B	translocase of inner mitochondrial membrane 8 homolog B (yeast)	1.4	26521	11q23.1-q23.2
204985_s_at	TRAPPC6A	trafficking protein particle complex 6A	1.4	79090	19q13.32
209538_at	ZNF32	zinc finger protein 32	1.4	7580	10q22-q25
204175_at	ZNF593	zinc finger protein 593	1.4	51042	1p36.11
219506_at	C1orf54	chromosome 1 open reading frame 54	1.41	79630	1q21.2
205008_s_at	CIB2	calcium and integrin binding family member 2	1.41	10518	15q24
216080_s_at	FADS3	fatty acid desaturase 3	1.41	3995	11q12-q13.1
202967_at	GSTA4	glutathione S-transferase A4	1.41	2941	6p12.1
236075_s_at	LOC100129673	similar to hCG2042915	1.41	100129673	17p13.2
205760_s_at	OGG1	8-oxoguanine DNA glycosylase	1.41	4968	3p26.2
244050_at	PTPLAD2	protein tyrosine phosphatase-like A domain containing 2	1.41	401494	9p21.3
207836_s_at	RBPMS	RNA binding protein with multiple splicing	1.41	11030	8p12-p11
217977_at	SEPX1	selenoprotein X, 1	1.41	51734	16p13.3
228044_at	SERP2	stress-associated endoplasmic reticulum protein family member 2	1.41	387923	13q14.11
219147_s_at	C9orf95	chromosome 9 open reading frame 95	1.42	54981	9q21.13
201642_at	IFNGR2	interferon gamma receptor 2 (interferon gamma transducer 1)	1.42	3460	21q22.11
226453_at	RNASEH2C	ribonuclease H2, subunit C	1.42	84153	11q13.1
214838_at	SFT2D2	SFT2 domain containing 2	1.42	375035	1q24.2
203787_at	SSBP2	single-stranded DNA binding protein 2	1.42	23635	5q14.1

218818_at	FHL3	four and a half LIM domains 3	1.43	2275	1p34
202531_at	IRF1	interferon regulatory factor 1	1.43	3659	5q31.1
217722_s_at	NGRN	neugrin, neurite outgrowth associated	1.43	51335	15q26.1
57540_at	RBKS	ribokinase	1.43	64080	2p23.3
213223_at	RPL28	ribosomal protein L28	1.43	6158	19q13.4
232353_s_at	STYXL1	serine/threonine/tyrosine interacting-like 1	1.43	51657	7q11.23
242140_at	---	---	1.44	---	---
225841_at	C1orf59	chromosome 1 open reading frame 59	1.44	113802	1p13.3
212923_s_at	C6orf145	chromosome 6 open reading frame 145	1.44	221749	6p25.2
215726_s_at	CYB5A	cytochrome b5 type A (microsomal)	1.44	1528	18q23
209366_x_at	CYB5A	cytochrome b5 type A (microsomal)	1.44	1528	18q23
228622_s_at	DNAJC4	DnaJ (Hsp40) homolog, subfamily C, member 4	1.44	3338	11q13
218450_at	HEBP1	heme binding protein 1	1.44	50865	12p13.1
235191_at	LOC148189	Hypothetical protein LOC148189	1.44	148189	19q12
227488_at	MGC16121	hypothetical protein MGC16121	1.44	84848	Xq26.3
224281_s_at	NGRN	neugrin, neurite outgrowth associated	1.44	51335	15q26.1
225220_at	SNHG8	small nucleolar RNA host gene (non-protein coding) 8	1.44	100093630	4q26
62212_at	C1orf50	chromosome 1 open reading frame 50	1.45	79078	1p34.2
238022_at	hCG_1815491	hCG1815491	1.45	643911	16q12.2
213671_s_at	MARS	methionyl-tRNA synthetase	1.45	4141	12q13.2
226074_at	PPM1M	protein phosphatase 1M (PP2C domain containing)	1.45	132160	3p21.1
217336_at	RPS10	ribosomal protein S10	1.45	158104	15q22.2
34408_at	RTN2	reticulin 2	1.45	6253	19q13.32
200670_at	XBP1	X-box binding protein 1	1.45	7494	22q12.1 22q12
202982_s_at	ACOT2	stathmin-like 2	1.46	10965	14q24.3
235721_at	DTX3	deltex 3 homolog (Drosophila)	1.46	196403	12q13.3
204773_at	IL11RA	interleukin 11 receptor, alpha	1.46	3590	9p13
210239_at	IRX5	iroquois homeobox 5	1.46	10265	16q11.2-q13
218388_at	PGLS	6-phosphogluconolactonase	1.46	25796	19p13.2
219406_at	C1orf50	chromosome 1 open reading frame 50	1.47	79078	1p34.2
212757_s_at	CAMK2G	calcium/calmodulin-dependent protein kinase (CaM kinase) II gamma	1.47	818	10q22
228661_s_at	---	---	1.48	---	---
225807_at	JUB	jub, ajuba homolog (Xenopus laevis)	1.48	84962	14q11.2
223305_at	MGC13379	HSPC244	1.48	51259	11q13.1
212647_at	RRAS	related RAS viral (r-ras) oncogene homolog	1.48	6237	19q13.3-qter
223318_s_at	ALKBH7	alkB, alkylation repair homolog 7 (E. coli)	1.49	84266	19p13.3
1553987_at	C12orf47	chromosome 12 open reading frame 47	1.49	51275	12q24.12
204025_s_at	PDCD2	programmed cell death 2	1.49	5134	6q27
206600_s_at	SLC16A5	solute carrier family 16, member 5 (monocarboxylic acid transporter 6)	1.49	9121	17q25.1
203919_at	TCEA2	transcription elongation factor A (SII), 2	1.49	6919	20q13.33
208868_s_at	GABARAPL1	GABA(A) receptor-associated protein like 1	1.5	23710	12p13.2
225800_at	JAZF1	JAZF zinc finger 1	1.5	221895	7p15.2-p15.1
204279_at	PSMB9	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)	1.5	5698	6p21.3
227878_s_at	ALKBH7	alkB, alkylation repair homolog 7 (E. coli)	1.51	84266	19p13.3
214724_at	DIXDC1	DIX domain containing 1	1.51	85458	---
218387_s_at	PGLS	6-phosphogluconolactonase	1.51	25796	19p13.2
223179_at	YPEL3	yippee-like 3 (Drosophila)	1.51	83719	16p11.2
212841_s_at	PPFIBP2	PTPRF interacting protein, binding protein 2 (liprin beta 2)	1.52	8495	11p15.4

219366_at	AVEN	apoptosis, caspase activation inhibitor	1.53	57099	15q13.1
223401_at	C17orf48	chromosome 17 open reading frame 48	1.53	56985	17p13.1
220755_s_at	C6orf48	chromosome 6 open reading frame 48	1.53	50854	6p21.3
223340_at	SPG3A	spastic paraplegia 3A (autosomal dominant)	1.53	51062	14q22.1
220387_s_at	HHLA3	HERV-H LTR-associating 3	1.54	11147	1p31.1
201212_at	LGMN	legumain	1.54	5641	14q32.1
205194_at	PSPH	phosphoserine phosphatase	1.54	5723	7p15.2-p15.1
213170_at	GPX7	glutathione peroxidase 7	1.55	2882	1p32
229742_at	LOC145853	hypothetical LOC145853	1.55	145853	15q23
202150_s_at	NEDD9	neural precursor cell expressed, developmentally down-regulated 9	1.55	4739	6p25-p24
226196_s_at	C14orf179	chromosome 14 open reading frame 179	1.56	112752	14q24.3
209448_at	HTATIP2	HIV-1 Tat interactive protein 2, 30kDa	1.56	10553	11p15.1
223063_at	C1orf198	chromosome 1 open reading frame 198	1.57	84886	1q42.13-q43
211458_s_at	GABARAPL1	GABA(A) receptor-associated protein like 1	1.57	23710	12p13.2
205872_x_at	PDE4DIP	phosphodiesterase 4D interacting protein (myomegalin)	1.57	9659	1q12
224719_s_at	C12orf57	chromosome 12 open reading frame 57	1.58	113246	12p13.31
201605_x_at	CNN2	calponin 2	1.58	1265	19p13.3
209759_s_at	DCI	dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase)	1.58	1632	16p13.3
226552_at	IER5L	immediate early response 5-like	1.58	389792	9q34.11
204964_s_at	SSPN	sarcospan (Kras oncogene-associated gene)	1.58	8082	12p11.2
235173_at	---	---	1.59	---	---
217988_at	CCNB1IP1	cyclin B1 interacting protein 1	1.59	57820	14q11.2
1598_g_at	GAS6	growth arrest-specific 6	1.59	2621	13q34
205174_s_at	QPCT	glutaminy-peptide cyclotransferase (glutaminy cyclase)	1.59	25797	2p22.2
226504_at	FAM109B	family with sequence similarity 109, member B	1.6	150368	22q13.2
202237_at	NNMT	nicotinamide N-methyltransferase	1.6	4837	11q23.1
204545_at	PEX6	peroxisomal biogenesis factor 6	1.6	5190	6p21.1
205687_at	UBFD1	ubiquitin family domain containing 1	1.6	56061	16p12
226195_at	C14orf179	chromosome 14 open reading frame 179	1.61	112752	14q24.3
206595_at	CST6	cystatin E/M	1.61	1474	11q13
1553672_at	ENAH	enabled homolog (Drosophila)	1.61	55740	1q42.12
205752_s_at	GSTM5	glutathione S-transferase M5	1.61	2949	1p13.3
201397_at	PHGDH	phosphoglycerate dehydrogenase	1.62	26227	1p12
204929_s_at	VAMP5	vesicle-associated membrane protein 5 (myobrevin)	1.62	10791	2p11.2
229874_x_at	---	---	1.63	---	---
204079_at	TPST2	tyrosylprotein sulfotransferase 2	1.63	8459	22q12.1
208869_s_at	GABARAPL1	GABA(A) receptor-associated protein like 1	1.64	23710	12p13.2
220606_s_at	C17orf48	chromosome 17 open reading frame 48	1.65	56985	17p13.1
229429_x_at	FAM91A2	family with sequence similarity 91, member A2	1.65	57234	1q21.1
209917_s_at	TP53AP1	TP53 activated protein 1	1.65	11257	7q21.1
220230_s_at	CYB5R2	cytochrome b5 reductase 2	1.67	51700	11p15.4
229638_at	IRX3	iroquois homeobox 3	1.68	79191	16q12.2
205807_s_at	TUFT1	tuftelin 1	1.68	7286	1q21
209885_at	RHOD	ras homolog gene family, member D	1.7	29984	11q14.3
230963_at	EMX2OS	empty spiracles homeobox 2 opposite strand	1.71	196047	10q26.1
224741_x_at	GAS5	growth arrest-specific 5	1.71	60674	1q25.1
224841_x_at	GAS5	growth arrest-specific 5	1.72	60674	1q25.1
202177_at	GAS6	growth arrest-specific 6	1.73	2621	13q34

219044_at	THNSL2	threonine synthase-like 2 (<i>S. cerevisiae</i>)	1.73	55258	2p11.2
217127_at	CTH	cystathionase (cystathionine gamma-lyase)	1.74	1491	1p31.1
232531_at	EMX2OS	empty spiracles homeobox 2 opposite strand	1.75	196047	10q26.1
222001_x_at	FAM91A2	family with sequence similarity 91, member A2	1.77	57234	1q21.1
223499_at	MFRP	membrane frizzled-related protein	1.78	83552	11q23
225698_at	C5orf26	chromosome 5 open reading frame 26	1.79	114915	5q21-q22
229693_at	LOC388335	RIKEN cDNA A730055C05-like	1.79	388335	17p13.1
205047_s_at	ASNS	asparagine synthetase	1.8	440	7q21.3
203973_s_at	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta	1.8	1052	8p11.2-p11.1
202238_s_at	NNMT	nicotinamide N-methyltransferase	1.8	4837	11q23.1
225895_at	SYNPO2	synaptopodin 2	1.8	171024	4q26
218706_s_at	GRAMD3	GRAM domain containing 3	1.83	65983	5q23.2
213942_at	MEGF6	multiple EGF-like-domains 6	1.85	1953	1p36.3
219806_s_at	C11orf75	chromosome 11 open reading frame 75	1.89	56935	11q13.3-q23.3
225767_at	---	---	1.9	---	---
214293_at	SEPT11	Septin 11	1.9	55752	4q21.1
229872_s_at	LOC100132999	hypothetical protein LOC100132999	1.93	100132999	1q21.1
213845_at	GRIK2	glutamate receptor, ionotropic, kainate 2	1.95	2898	6q16.3-q21
207076_s_at	ASS1	argininosuccinate synthetase 1	2.04	445	9q34.1
236313_at	CDKN2B	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	2.1	1030	9p21
240382_at	LOC100131914	hypothetical protein LOC100131914	2.11	100131914	6p24.3
204983_s_at	GPC4	glypican 4	2.19	2239	Xq26.1
211732_x_at	HNMT	histamine N-methyltransferase	2.2	3176	2q22.1
204984_at	GPC4	glypican 4	2.21	2239	Xq26.1
223734_at	OSAP	ovary-specific acidic protein	2.24	84709	4q31.1
205992_s_at	IL15	interleukin 15	2.28	3600	4q31
222899_at	ITGA11	integrin, alpha 11	2.31	22801	15q23
236640_at	LOC399959	Hypothetical gene supported by BX647608	2.38	399959	11q24.1
204112_s_at	HNMT	histamine N-methyltransferase	2.4	3176	2q22.1
229566_at	LOC645638	similar to WDNM1-like protein	2.44	645638	17q23.1
202149_at	NEDD9	neural precursor cell expressed, developmentally down-regulated 9	2.44	4739	6p25-p24
205439_at	GSTT2	glutathione S-transferase theta 2	2.6	2953	22q11.2
211990_at	HLA-DPA1	major histocompatibility complex, class II, DP alpha 1	2.74	3113	6p21.3
203126_at	IMPA2	inositol(myo)-1(or 4)-monophosphatase 2	2.75	3613	18p11.2
225548_at	SHROOM3	shroom family member 3	2.76	57619	4q21.1
210372_s_at	TPD52L1	tumor protein D52-like 1	3.1	7164	6q22-q23
227099_s_at	LOC387763	hypothetical LOC387763	3.2	387763	11p11.2
203786_s_at	TPD52L1	tumor protein D52-like 1	3.26	7164	6q22-q23
229296_at	LOC100128501	hypothetical protein LOC100128501	3.36	100128501	9q34.11
218332_at	BEX1	brain expressed, X-linked 1	3.67	55859	Xq21-q23
203000_at	STMN2	stathmin-like 2	5.62	11075	8q21.13
203001_s_at	STMN2	stathmin-like 2	6.9	11075	8q21.13