

**Supplementary table 1****Upregulated transcripts in sarcoid vs control with 1.5-fold change or more and q-value < 5%**

Probe Set ID	Gene Symbol	Gene Title	Fold Change	q value (%)
228439_at	BATF2	basic leucine zipper transcription factor, ATF-like 2	11.149	0.000
214511_x_at	FCGR1B	Fc fragment of IgG, high affinity Ib, receptor (CD64)	4.694	0.000
223670_s_at	HEMGN	hemogen	6.004	0.000
216950_s_at	FCGR1A	Fc fragment of IgG, high affinity Ia, receptor (CD64)	5.101	0.000
227458_at	---	---	4.630	0.000
1552583_s_at	ABCC13	ATP-binding cassette, sub-family C (CFTR/MRP), member 13	8.867	0.000
206637_at	P2RY14	purinergic receptor P2Y, G-protein coupled, 14	3.078	0.000
220173_at	C14orf45	chromosome 14 open reading frame 45	3.508	0.000
209969_s_at	STAT1	signal transducer and activator of transcription 1, 91kDa	2.252	0.000
200986_at	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1, (angioedema, hereditary)	11.128	0.000
224225_s_at	ETV7	ets variant gene 7 (TEL2 oncogene)	12.104	0.000
238581_at	GBP5	Guanylate binding protein 5	3.689	0.000
210029_at	INDO	indoleamine-pyrrole 2,3 dioxygenase	3.687	0.000
223669_at	HEMGN	hemogen	3.507	0.000
204858_s_at	ECGF1	endothelial cell growth factor 1 (platelet-derived)	2.048	0.000
213716_s_at	SECTM1	secreted and transmembrane 1	2.124	0.000
211560_s_at	ALAS2	aminolevulinate, delta-, synthase 2 (sideroblastic/hypochromic anemia)	2.901	0.000
225388_at	TSPAN5	tetraspanin 5	2.715	0.000
231769_at	FBXO6	F-box protein 6	2.080	0.000
202748_at	GBP2	guanylate binding protein 2, interferon-inducible /// guanylate binding protein 2, interferon-inducible	1.775	0.000
219630_at	PDZK1IP1	PDZK1 interacting protein 1	2.491	0.000
242907_at	GBP2	guanylate binding protein 2, interferon-inducible	1.796	0.000
AFFX- HUMISGF3A/M9	STAT1	signal transducer and activator of transcription 1, 91kDa	2.233	0.000
7935_MB_at				
1553589_a_at	PDZK1IP1	PDZK1 interacting protein 1	2.436	0.000
206414_s_at	DDEF2	development and differentiation enhancing factor 2	2.174	0.000
225387_at	TSPAN5	tetraspanin 5	2.739	0.000
221747_at	TNS1	Tensin 1 /// Tensin 1	4.463	0.000
204187_at	GMPR	guanosine monophosphate reductase /// guanosine monophosphate reductase	3.076	0.000
202468_s_at	CTNNAL1	catenin (cadherin-associated protein), alpha-like 1	4.651	0.000
225167_at	FRMD4A	FERM domain containing 4A	6.672	0.000
220306_at	FAM46C	family with sequence similarity 46, member C	4.042	0.000
205950_s_at	CA1	carbonic anhydrase I	5.246	0.000
233371_at	ABCC13	ATP-binding cassette, sub-family C (CFTR/MRP), member 13	6.304	0.000
218232_at	C1QA	complement component 1, q subcomponent, A chain	3.150	0.000
238327_at	GCLM /// LOC440836	glutamate-cysteine ligase, modifier subunit /// similar to MGC52679 protein	2.314	0.000

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238439_at	ANKRD22	ankyrin repeat domain 22	7.127	0.000
231578_at	GBP1	guanylate binding protein 1, interferon-inducible, 67kDa	5.294	0.000
229625_at	GBP5	Guanylate binding protein 5	4.116	0.000
205592_at	IL8	interleukin 8	3.650	0.000
202269_x_at	GBP1	guanylate binding protein 1, interferon-inducible, 67kDa /// guanylate binding protein 1, interferon-inducible, 67kDa	2.943	0.000
231577_s_at	GBP1	guanylate binding protein 1, interferon-inducible, 67kDa	2.715	0.000
206303_s_at	NUDT4 /// NUDT4P1	nudix (nucleoside diphosphate linked moiety X)-type motif 4 /// nudix (nucleoside diphosphate linked moiety X)-type motif 4 pseudogene 1	3.104	0.000
202411_at	IFI27	interferon, alpha-inducible protein 27	5.017	0.000
201333_s_at	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12	4.312	0.000
201042_at	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	3.844	0.000
244840_x_at	DOCK4	dedicator of cytokinesis 4	3.180	0.000
221748_s_at	TNS1	tensin 1 /// tensin 1	4.086	0.000
207500_at	CASP5	caspase 5, apoptosis-related cysteine peptidase	2.651	0.000
230645_at	FRMD3	FERM domain containing 3	2.444	0.000
1564525_at	---	---	2.152	0.000
227757_at	CUL4A	Cullin 4A	3.678	0.000
202974_at	MPP1	membrane protein, palmitoylated 1, 55kDa	2.400	0.000
202270_at	GBP1	guanylate binding protein 1, interferon-inducible, 67kDa /// guanylate binding protein 1, interferon-inducible, 67kDa	2.512	0.000
221627_at	TRIM10	tripartite motif-containing 10	6.645	0.000
218864_at	TNS1	tensin 1	3.452	0.000
218847_at	IGF2BP2	insulin-like growth factor 2 mRNA binding protein 2	3.355	0.000
218863_s_at	TNS1	tensin 1	2.732	0.000
214433_s_at	SELENBP1	selenium binding protein 1 /// selenium binding protein 1	3.287	0.000
205389_s_at	ANK1	ankyrin 1, erythrocytic /// ankyrin 1, erythrocytic	5.326	0.000
201912_s_at	GSPT1	G1 to S phase transition 1 /// G1 to S phase transition 1	2.231	0.000
235993_at	---	---	2.580	0.000
212807_s_at	SORT1	sortilin 1	1.773	0.000
225782_at	MSRB3	methionine sulfoxide reductase B3	2.157	0.000
215047_at	TRIM58	tripartite motif-containing 58	2.962	0.000
1552713_a_at	SLC4A1	solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group)	5.754	0.000
212340_at	YIPF6	Yip1 domain family, member 6	2.134	0.000
236081_at	---	Transcribed locus	4.839	0.000
203115_at	FECH	ferrochelatase (protoporphyrin)	3.985	0.000
226811_at	FAM46C	family with sequence similarity 46, member C	3.104	0.000
230972_at	ANKRD9	ankyrin repeat domain 9	2.961	0.000
212658_at	LHFPL2	lipoma HMGIC fusion partner-like 2	2.389	0.000
208353_x_at	ANK1	ankyrin 1, erythrocytic	3.735	0.000
226763_at	SESTD1	SEC14 and spectrin domains 1	1.872	0.000

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203116_s_at	FECH	ferrochelatase (protoporphyrin)	3.687	0.000
207087_x_at	ANK1	ankyrin 1, erythrocytic	3.462	0.000
227235_at	GUCY1A3	Guanylate cyclase 1, soluble, alpha 3	2.321	0.000
229740_at	LOC643008	PP12104	2.370	0.000
220751_s_at	C5orf4	chromosome 5 open reading frame 4	2.752	0.000
207269_at	DEFA4	defensin, alpha 4, corticostatin	5.034	0.000
209890_at	TSPAN5	tetraspanin 5 /// tetraspanin 5	2.273	0.000
202124_s_at	TRAK2	trafficking protein, kinesin binding 2	3.129	0.000
1552348_at	PRSS33	protease, serine, 33	3.176	0.000
223834_at	CD274	CD274 molecule	2.193	0.000
211889_x_at	CEACAM1	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	3.114	0.000
204747_at	IFIT3	interferon-induced protein with tetratricopeptide repeats 3	2.912	0.000
1558691_a_at	DOCK4	dedicator of cytokinesis 4	4.630	0.000
202672_s_at	ATF3	activating transcription factor 3	4.156	0.000
214407_x_at	GYPB	glycophorin B (MNS blood group)	4.149	0.000
231933_at		8-Mar membrane-associated ring finger (C3HC4) 8	2.275	0.000
205003_at	DOCK4	dedicator of cytokinesis 4	2.599	0.000
213415_at	CLIC2	chloride intracellular channel 2	2.250	0.000
215438_x_at	GSPT1	G1 to S phase transition 1	2.114	0.000
219938_s_at	PSTPIP2	proline-serine-threonine phosphatase interacting protein 2	1.952	0.000
221932_s_at	GLRX5	glutaredoxin 5 homolog (S. cerevisiae)	2.216	0.000
214040_s_at	GSN	gelsolin (amyloidosis, Finnish type)	2.311	0.000
223220_s_at	PARP9	poly (ADP-ribose) polymerase family, member 9	1.782	0.000
206765_at	KCNJ2	potassium inwardly-rectifying channel, subfamily J, member 2	1.666	0.000
206698_at	XK	X-linked Kx blood group (McLeod syndrome)	4.431	0.000
216925_s_at	TAL1	T-cell acute lymphocytic leukemia 1	3.274	0.000
237403_at	GFI1B	growth factor independent 1B (potential regulator of CDKN1A, translocated in CML)	2.525	0.000
235670_at	STX11	Syntaxin 11	1.699	0.000
205391_x_at	ANK1	ankyrin 1, erythrocytic /// ankyrin 1, erythrocytic	3.443	0.000
215037_s_at	BCL2L1	BCL2-like 1	2.337	0.000
229893_at	FRMD3	FERM domain containing 3	2.652	0.000
239979_at	EPSTI1	Epithelial stromal interaction 1 (breast)	3.809	0.000
240336_at	HBM	hemoglobin, mu	2.380	0.000
224789_at	WDR40A	WD repeat domain 40A	2.093	0.000
204505_s_at	EPB49	erythrocyte membrane protein band 4.9 (dematin)	2.372	0.000
214073_at	ALDH1A3	Aldehyde dehydrogenase 1 family, member A3	3.162	0.000
212430_at	RBM38	RNA binding motif protein 38 /// RNA binding motif protein 38	2.254	0.000
1561651_s_at	TAL1	T-cell acute lymphocytic leukemia 1	2.301	0.000
206995_x_at	SCARF1	scavenger receptor class F, member 1	2.282	0.000
212148_at	PBX1	Pre-B-cell leukemia transcription factor 1	3.510	0.000
229450_at	---	---	2.313	0.000
210746_s_at	EPB42	erythrocyte membrane protein band 4.2 /// erythrocyte membrane protein band 4.2	2.969	0.000
221942_s_at	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	2.406	0.000

203502_at	BPGM	2,3-bisphosphoglycerate mutase /// 2,3-bisphosphoglycerate mutase	2.920	0.000
201649_at	UBE2L6	ubiquitin-conjugating enzyme E2L 6	1.904	0.000
218644_at	PLEK2	pleckstrin 2	3.246	0.000
224693_at	C20orf108	chromosome 20 open reading frame 108	2.763	0.000
209546_s_at	APOL1	apolipoprotein L, 1	1.985	0.000
227609_at	EPST11	epithelial stromal interaction 1 (breast)	3.578	0.000
203662_s_at	TMOD1	tropomodulin 1	3.690	0.000
206196_s_at	RPIP8	RaP2 interacting protein 8	6.031	0.000
231513_at	---	Transcribed locus	1.578	0.000
224690_at	C20orf108	chromosome 20 open reading frame 108	2.446	0.000
213096_at	TMCC2	transmembrane and coiled-coil domain family 2	3.972	0.000
223266_at	ALS2CR2	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2	2.131	0.000
48031_r_at	C5orf4	chromosome 5 open reading frame 4	2.271	0.000
207801_s_at	RNF10	ring finger protein 10	2.237	0.000
207459_x_at	GYPB	glycophorin B (MNS blood group)	3.920	0.000
218418_s_at	ANKRD25	ankyrin repeat domain 25	3.693	0.000
241237_at	LOC151146	Hypothetical protein LOC151146	2.636	0.000
216833_x_at	GYPB /// GYPE	glycophorin B (MNS blood group) /// glycophorin E	3.165	0.000
206576_s_at	CEACAM1	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	3.129	0.000
201906_s_at	CTDSPL	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like	2.299	0.000
AFFX- HUMISGF3A/M9 7935_5_at	STAT1	signal transducer and activator of transcription 1, 91kDa	1.712	0.000
206302_s_at	NUDT4 /// NUDT4P1	nudix (nucleoside diphosphate linked moiety X)-type motif 4 /// nudix (nucleoside diphosphate linked moiety X)-type motif 4 pseudogene 1	2.477	0.000
228770_at	GPR146	G protein-coupled receptor 146	3.396	0.000
209498_at	CEACAM1	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	2.767	0.000
206665_s_at	BCL2L1	BCL2-like 1	2.239	0.000
207511_s_at	C2orf24	chromosome 2 open reading frame 24	1.846	0.000
203661_s_at	TMOD1	tropomodulin 1	3.841	0.000
221824_s_at		8-Mar membrane-associated ring finger (C3HC4) 8	2.052	0.000
232375_at	STAT1	Signal transducer and activator of transcription 1, 91kDa	2.005	0.000
208352_x_at	ANK1	ankyrin 1, erythrocytic	2.900	0.000
223432_at	OSBP2	oxysterol binding protein 2	2.986	0.000
237563_s_at	LOC440731	hypothetical LOC440731	1.938	0.000
209930_s_at	NFE2	nuclear factor (erythroid-derived 2), 45kDa	1.745	0.000
236065_at	---	Transcribed locus	1.735	0.000
209339_at	SIAH2	seven in absentia homolog 2 (Drosophila) /// seven in absentia homolog 2 (Drosophila)	2.060	0.000
229390_at	RP1-93H18.5	hypothetical protein LOC441168	2.382	0.000
227807_at	PARP9	poly (ADP-ribose) polymerase family, member 9	2.088	0.000
218141_at	UBE2O	ubiquitin-conjugating enzyme E2O	2.292	0.000

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212445_s_at	NEDD4L	neural precursor cell expressed, developmentally down-regulated 4-like	3.848	0.000
228088_at	---	CDNA FLJ31513 fis, clone NT2R11000127	1.786	0.000
201285_at	MKRN1	makorin, ring finger protein, 1 /// makorin, ring finger protein, 1	1.825	0.000
1552349_a_at	PRSS33	protease, serine, 33	3.154	0.000
235643_at	SAMD9L	sterile alpha motif domain containing 9-like	2.414	0.000
201195_s_at	SLC7A5	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	2.833	0.000
239196_at	ANKRD22	ankyrin repeat domain 22	5.567	0.000
219763_at	DENND1A	DENN/MADD domain containing 1A	1.922	0.116
211883_x_at	CEACAM1	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	2.595	0.116
221237_s_at	OSBP2	oxysterol binding protein 2 /// oxysterol binding protein 2	2.398	0.116
224905_at	WDR26	WD repeat domain 26	1.824	0.116
215761_at	DMXL2	Dmx-like 2	2.193	0.116
242300_at	---	Ubiquitin B (UBB) mRNA, 3' UTR and genetic suppressor element	3.658	0.116
214108_at	MAX	MYC associated factor X	1.791	0.116
213797_at	RSAD2	radical S-adenosyl methionine domain containing 2	3.927	0.116
241916_at	PLSCR1	Phospholipid scramblase 1	1.839	0.116
229530_at	GUCY1A3	Guanylate cyclase 1, soluble, alpha 3	2.194	0.116
229498_at	---	MRNA; cDNA DKFZp779M2422 (from clone DKFZp779M2422)	2.218	0.116
220807_at	HBQ1	hemoglobin, theta 1 /// hemoglobin, theta 1	2.304	0.116
200648_s_at	GLUL	glutamate-ammonia ligase (glutamine synthetase)	1.841	0.116
205570_at	PIP5K2A	phosphatidylinositol-4-phosphate 5-kinase, type II, alpha	2.130	0.116
210446_at	GATA1	GATA binding protein 1 (globin transcription factor 1)	2.439	0.116
225168_at	FRMD4A	FERM domain containing 4A	4.570	0.116
AFFX- HUMISGF3A/M9	STAT1	signal transducer and activator of transcription 1, 91kDa	2.128	0.116
7935_MA_at				
225369_at	ESAM	endothelial cell adhesion molecule	2.076	0.116
202953_at	C1QB	complement component 1, q subcomponent, B chain	1.792	0.116
208501_at	GFI1B	growth factor independent 1B (potential regulator of CDKN1A, translocated in CML)	2.098	0.116
210504_at	KLF1	Kruppel-like factor 1 (erythroid)	2.512	0.116
217202_s_at	GLUL	glutamate-ammonia ligase (glutamine synthetase)	1.786	0.116
203395_s_at	HES1	hairy and enhancer of split 1, (Drosophila)	1.820	0.116
219814_at	MBNL3	muscleblind-like 3 (Drosophila)	2.535	0.116
1555590_a_at	GATA1	GATA binding protein 1 (globin transcription factor 1)	2.432	0.116
243222_at	ALPK1	Alpha-kinase 1	1.991	0.116
210993_s_at	SMAD1	SMAD family member 1	1.876	0.116
239598_s_at	AYTL1	acyltransferase like 1	1.713	0.116
212667_at	SPARC	secreted protein, acidic, cysteine-rich (osteonectin)	3.017	0.116
202949_s_at	FHL2	four and a half LIM domains 2	2.974	0.116
227366_at	RILP	Rab interacting lysosomal protein	2.033	0.116
243271_at	SAMD9L	Sterile alpha motif domain containing 9-like	2.024	0.116

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203040_s_at	HMBS	hydroxymethylbilane synthase	2.075	0.116
229391_s_at	RP1-93H18.5	hypothetical protein LOC441168	2.391	0.116
221920_s_at	SLC25A37	solute carrier family 25, member 37	1.779	0.116
210854_x_at	SLC6A8	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	2.533	0.116
211821_x_at	GYP A	glycophorin A (MNS blood group)	2.979	0.116
235276_at	---	---	2.543	0.116
227438_at	ALPK1	alpha-kinase 1	1.910	0.116
235683_at	SESN3	sestrin 3	1.981	0.132
204466_s_at	SNCA	synuclein, alpha (non A4 component of amyloid precursor) /// synuclein, alpha (non A4 component of amyloid precursor)	2.137	0.132
239258_at	RHOQ	Ras homolog gene family, member Q	1.776	0.132
224701_at	PARP14	poly (ADP-ribose) polymerase family, member 14	1.776	0.132
217748_at	ADIPOR1	adiponectin receptor 1 /// adiponectin receptor 1	1.897	0.132
212759_s_at	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	1.786	0.132
242625_at	RSAD2	radical S-adenosyl methionine domain containing 2	3.423	0.132
48030_i_at	C5orf4	chromosome 5 open reading frame 4	2.022	0.132
217354_s_at	HPS1 /// LOC646756	Hermansky-Pudlak syndrome 1 /// similar to Hermansky-Pudlak syndrome 1 protein isoform b	2.126	0.132
212312_at	BCL2L1	BCL2-like 1 /// BCL2-like 1	2.136	0.132
223549_s_at	ESPN	espin	2.733	0.132
AFFX- HUMRGE/M100 98_3_at	---	---	1.835	0.132
211864_s_at	FER1L3	fer-1-like 3, myoferlin (C. elegans)	2.132	0.132
202307_s_at	TAP1	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	1.624	0.132
239492_at	SEC14L4	SEC14-like 4 (S. cerevisiae)	3.629	0.132
200629_at	WARS	tryptophanyl-tRNA synthetase	1.761	0.132
232465_at	TCF7L2	Transcription factor 7-like 2 (T-cell specific, HMG-box)	2.126	0.132
227935_s_at	PCGF5	polycomb group ring finger 5	2.457	0.132
202638_s_at	ICAM1	intercellular adhesion molecule 1 (CD54), human rhinovirus receptor	1.823	0.132
225074_at	RAB2B	RAB2B, member RAS oncogene family	1.925	0.132
242600_at	FRMD3	FERM domain containing 3	2.699	0.132
227995_at	---	MRNA; cDNA DKFZp564O0862 (from clone DKFZp564O0862)	1.739	0.132
213843_x_at	SLC6A8	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	2.321	0.132
214074_s_at	CTTN	cortactin	1.896	0.132
236012_at	---	---	1.860	0.132
200887_s_at	STAT1	signal transducer and activator of transcription 1, 91kDa	1.592	0.132
210112_at	HPS1	Hermansky-Pudlak syndrome 1	2.070	0.132
209391_at	DPM2	dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit	2.211	0.132
229413_s_at	---	---	2.845	0.132
208632_at	RNF10	ring finger protein 10 /// ring finger protein 10	2.747	0.132

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213608_s_at	CTB-1048E9.5	similar to SRR1-like protein	2.119	0.132
219546_at	BMP2K	BMP2 inducible kinase	1.770	0.132
212185_x_at	MT2A	metallothionein 2A	1.679	0.132
207291_at	PRRG4	proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane)	1.753	0.132
229151_at	SLC14A1	Solute carrier family 14 (urea transporter), member 1 (Kidd blood group)	2.737	0.132
202219_at	SLC6A8	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	2.386	0.132
1555503_a_at	TMCC2	transmembrane and coiled-coil domain family 2	4.012	0.132
225319_s_at	FAM104A	family with sequence similarity 104, member A	1.988	0.132
235582_at	E2F2	E2F transcription factor 2	2.044	0.132
217736_s_at	EIF2AK1	eukaryotic translation initiation factor 2-alpha kinase 1	1.761	0.132
200628_s_at	WARS	tryptophanyl-tRNA synthetase	1.677	0.132
206548_at	FLJ23556	hypothetical protein FLJ23556	1.935	0.132
203817_at	GUCY1B3	guanylate cyclase 1, soluble, beta 3	2.014	0.132
219672_at	ERAF	erythroid associated factor	2.905	0.132
242281_at	---	---	2.100	0.132
223608_at	EFCAB2	EF-hand calcium binding domain 2	1.984	0.132
207042_at	E2F2	E2F transcription factor 2	4.175	0.132
1559663_at	ACSL4	Acyl-CoA synthetase long-chain family member 4	1.891	0.132
221063_x_at	RNF123	ring finger protein 123	2.183	0.132
226726_at	MBOAT2	membrane bound O-acyltransferase domain containing 2	1.783	0.132
207387_s_at	GK	glycerol kinase	1.717	0.132
221246_x_at	TNS1	tensin 1 /// tensin 1	2.121	0.132
206491_s_at	NAPA	N-ethylmaleimide-sensitive factor attachment protein, alpha	1.590	0.132
202637_s_at	ICAM1	intercellular adhesion molecule 1 (CD54), human rhinovirus receptor	1.777	0.132
1559582_at	RHOQ	ras homolog gene family, member Q	1.617	0.132
210075_at		2-Mar membrane-associated ring finger (C3HC4) 2	1.760	0.132
224186_s_at	RNF123	ring finger protein 123	1.990	0.132
221479_s_at	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like /// BCL2/adenovirus E1B 19kDa interacting protein 3- like	1.584	0.132
230036_at	SAMD9L	sterile alpha motif domain containing 9-like	1.912	0.132
59644_at	BMP2K	BMP2 inducible kinase	1.784	0.132
242335_at	SLC25A37	solute carrier family 25, member 37	1.756	0.132
212845_at	SAMD4A	sterile alpha motif domain containing 4A	1.956	0.132
209845_at	MKRN1	makorin, ring finger protein, 1	1.821	0.183
224818_at	SORT1	sortilin 1	1.678	0.183
209807_s_at	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)	1.851	0.183
239167_at	AFF1	AF4/FMR2 family, member 1	1.704	0.183
396_f_at	EPOR	erythropoietin receptor	1.672	0.183
224752_at	LOC641845 /// LOC647087	hypothetical protein LOC641845 /// hypothetical LOC647087	1.686	0.183
215684_s_at	ASCC2	activating signal cointegrator 1 complex subunit 2	1.963	0.183
203308_x_at	HPS1	Hermansky-Pudlak syndrome 1	1.869	0.183

## Supplementary table 1

## Upregulated transcripts

35254_at	TRAFD1	TRAF-type zinc finger domain containing 1	1.569	0.183
221653_x_at	APOL2	apolipoprotein L, 2	1.675	0.183
209651_at	TGFB1I1	transforming growth factor beta 1 induced transcript 1	2.144	0.183
235175_at	GBP4	guanylate binding protein 4	2.166	0.183
203911_at	RAP1GAP	RAP1 GTPase activating protein	4.020	0.183
223094_s_at	ANKH	ankylosis, progressive homolog (mouse)	2.293	0.183
	DEFA1 ///	defensin, alpha 1 ///		
	DEFA3 ///	defensin, alpha 3, neutrophil-specific ///		
205033_s_at	LOC728358	(HNP-1) (HP-1) (HP1) (Defensin, alpha 1)	2.470	0.183
216054_x_at	MYL4	myosin, light chain 4, alkali; atrial, embryonic	2.184	0.183
227309_at	YOD1	YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae)	2.099	0.183
	GP1BB ///	glycoprotein Ib (platelet), beta polypeptide ///		
209767_s_at	SEPT5	septin 5	1.565	0.183
209018_s_at	PINK1	PTEN induced putative kinase 1	1.784	0.183
208751_at	NAPA	N-ethylmaleimide-sensitive factor attachment protein, alpha	1.646	0.183
211794_at	FYB	FYN binding protein (FYB-120/130)	1.582	0.183
243465_at	TMEM140	Transmembrane protein 140	1.610	0.183
221425_s_at	HBLD2	HESB like domain containing 2 ///	2.173	0.183
		HESB like domain containing 2		
207827_x_at	SNCA	synuclein, alpha (non A4 component of amyloid precursor)	2.061	0.183
228361_at	E2F2	E2F transcription factor 2	2.813	0.183
235396_at	C22orf25	Chromosome 22 open reading frame 25	1.664	0.183
217475_s_at	LIMK2	LIM domain kinase 2	1.833	0.183
228775_at	---	---	1.892	0.183
229778_at	C12orf39	Chromosome 12 open reading frame 39	2.093	0.183
1558837_a_at	PLGLB1	Plasminogen-like B1	1.731	0.183
1566959_at	GAB2	GRB2-associated binding protein 2	1.942	0.183
212540_at	CDC34	cell division cycle 34 homolog (S. cerevisiae)	1.811	0.183
205856_at	SLC14A1	solute carrier family 14 (urea transporter), member 1 (Kidd blood group)	2.622	0.183
202426_s_at	RXRA	retinoid X receptor, alpha	2.180	0.183
201904_s_at	CTDSPL	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like	2.162	0.183
204611_s_at	PPP2R5B	protein phosphatase 2, regulatory subunit B (B56), beta isoform	1.549	0.183
214974_x_at	CXCL5	chemokine (C-X-C motif) ligand 5	2.254	0.183
230505_at	LOC145474	hypothetical protein LOC145474	1.770	0.183
1558688_at	LOC441461	hypothetical gene supported by BC030123	2.298	0.183
239555_at	LYN	V-yes-1 Yamaguchi sarcoma viral related oncogene homolog	1.869	0.183
226757_at	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	1.707	0.183
229543_at	RPL29	Ribosomal protein L29 ///	2.492	0.183
		Ribosomal protein L29		
215087_at	C15orf39	chromosome 15 open reading frame 39	1.936	0.183
239600_at	SIPA1L1	Signal-induced proliferation-associated 1 like 1	1.699	0.183
1566958_at	GAB2	GRB2-associated binding protein 2	2.086	0.183
220757_s_at	UBXD1	UBX domain containing 1	1.855	0.183

## Supplementary table 1

## Upregulated transcripts

204393_s_at	ACPP	acid phosphatase, prostate	1.646	0.183
206834_at	HBD	hemoglobin, delta /// hemoglobin, delta	2.973	0.183
212151_at	PBX1	Pre-B-cell leukemia transcription factor 1	2.545	0.183
214464_at	CDC42BPA	CDC42 binding protein kinase alpha (DMPK-like)	2.662	0.183
40850_at	FKBP8	FK506 binding protein 8, 38kDa	2.036	0.183
211546_x_at	SNCA	synuclein, alpha (non A4 component of amyloid precursor)	2.094	0.183
211456_x_at	LOC645745	metallothionein 1H-like protein	1.584	0.183
238725_at	---	---	1.592	0.183
232610_at	PARP14	poly (ADP-ribose) polymerase family, member 14	2.376	0.183
233072_at	NTNG2	netrin G2	1.574	0.183
209417_s_at	IFI35	interferon-induced protein 35	1.709	0.183
208255_s_at	FKBP8	FK506 binding protein 8, 38kDa	2.115	0.183
217125_at	---	---	2.039	0.183
213324_at	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	1.750	0.183
235574_at	GBP4	guanylate binding protein 4	2.435	0.183
215812_s_at	SLC6A8 /// SLC6A10P /// LOC653562	solute carrier family 6 (neurotransmitter transporter, creatine), member 8 /// solute carrier family 6 (neurotransmitter transporter, creatine), member 10 (pseudogene) /// similar to Sodium- and chloride-dependent creatine transporter 1 (CT1) (Creatine tr	2.283	0.183
223649_s_at	SLC25A39	solute carrier family 25, member 39	1.721	0.183
213439_x_at	RPIP8	RaP2 interacting protein 8	4.034	0.183
239661_at	AFF1	AF4/FMR2 family, member 1	1.558	0.183
204993_at	GNAZ	guanine nucleotide binding protein (G protein), alpha z polypeptide	1.812	0.183
241420_at	LOC728262	Hypothetical protein LOC728262	6.244	0.183
211012_s_at	PML /// LOC161527	promyelocytic leukemia /// hypothetical protein LOC161527	1.614	0.183
212512_s_at	CARM1	coactivator-associated arginine methyltransferase 1	1.981	0.183
214523_at	CEBPE	CCAAT/enhancer binding protein (C/EBP), epsilon	1.677	0.183
215966_x_at	GK3P	glycerol kinase 3 pseudogene	1.686	0.250
217144_at	UBB /// LOC648390	ubiquitin B /// similar to ubiquitin B precursor	2.585	0.250
216549_s_at	TBC1D22B	TBC1 domain family, member 22B	2.657	0.250
241849_at	CD74	CD74 molecule, major histocompatibility complex, class II invariant chain	1.610	0.250
242267_x_at	NINJ2	Ninjurin 2	2.439	0.250
208087_s_at	ZBP1	Z-DNA binding protein 1 /// Z-DNA binding protein 1	1.818	0.250
219090_at	SLC24A3	solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	2.134	0.250
213338_at	TMEM158	transmembrane protein 158	4.355	0.250
1558836_at	PLGLB1	Plasminogen-like B1	1.633	0.250
206123_at	LLGL1	lethal giant larvae homolog 1 (Drosophila)	1.764	0.250
201178_at	FBXO7	F-box protein 7	1.676	0.250
204042_at	WASF3	WAS protein family, member 3	1.741	0.250
234157_at	WDFY1	WD repeat and FYVE domain containing 1	1.836	0.250
201052_s_at	PSMF1	proteasome (prosome, macropain) inhibitor subunit 1 (PI31)	1.733	0.250
241948_at	FAM122A	Family with sequence similarity 122A	1.596	0.250

## Supplementary table 1

## Upregulated transcripts

223039_at	C22orf13	chromosome 22 open reading frame 13	1.696	0.250
233591_at	---	CDNA: FLJ23098 fis, clone LNG07440	2.720	0.250
236216_at	TCF7L2	Transcription factor 7-like 2 (T-cell specific, HMG-box)	1.809	0.250
57588_at	SLC24A3	solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	1.975	0.250
235054_at	NUDT16	nudix (nucleoside diphosphate linked moiety X)-type motif 16	1.516	0.250
202130_at	RIOK3	RIO kinase 3 (yeast) /// RIO kinase 3 (yeast)	1.542	0.250
209948_at	KCNMB1	potassium large conductance calcium-activated channel, subfamily M, beta member 1	1.700	0.250
242094_at	ITGB3	Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	1.663	0.250
1552309_a_at	NEXN	nexilin (F actin binding protein)	1.853	0.250
216336_x_at	MT1M	metallothionein 1M	1.541	0.250
226152_at	TTC7B	tetratricopeptide repeat domain 7B	2.076	0.250
205451_at	MLLT7	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 7	1.827	0.250
206513_at	AIM2	absent in melanoma 2	2.005	0.250
210582_s_at	LIMK2	LIM domain kinase 2	1.693	0.250
230942_at	CMTM5	CKLF-like MARVEL transmembrane domain containing 5	2.605	0.250
37408_at	MRC2	mannose receptor, C type 2	2.211	0.250
219716_at	APOL6	apolipoprotein L, 6	1.951	0.250
206025_s_at	TNFAIP6	tumor necrosis factor, alpha-induced protein 6	2.036	0.250
214681_at	GK	glycerol kinase	1.610	0.250
225119_at	CHMP4B	chromatin modifying protein 4B	1.884	0.250
231038_s_at	---	Transcribed locus, strongly similar to NP_001028866.1 regulatory element binding factor 2 [Rattus norvegicus]	1.909	0.250
203966_s_at	PPM1A	protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform /// protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform	1.598	0.250
204081_at	NRGN	neurogranin (protein kinase C substrate, RC3)	1.890	0.250
1556590_s_at	---	CDNA FLJ25645 fis, clone SYN00113	2.551	0.250
207815_at	PF4V1	platelet factor 4 variant 1	3.899	0.250
1555659_a_at	TREML1	triggering receptor expressed on myeloid cells-like 1	2.298	0.250
211433_x_at	KIAA1539	KIAA1539	1.547	0.250
205099_s_at	CCR1	chemokine (C-C motif) receptor 1	1.678	0.250
202555_s_at	MYLK	myosin, light chain kinase /// myosin, light chain kinase	2.005	0.250
200615_s_at	AP2B1	adaptor-related protein complex 2, beta 1 subunit	1.848	0.250
212086_x_at	LMNA	lamin A/C	1.547	0.250
207414_s_at	PCSK6	proprotein convertase subtilisin/kexin type 6	3.004	0.250
205463_s_at	PDGFA	platelet-derived growth factor alpha polypeptide	1.750	0.250
200665_s_at	SPARC	secreted protein, acidic, cysteine-rich (osteonectin) /// secreted protein, acidic, cysteine-rich (osteonectin)	2.057	0.250
201161_s_at	CSDA	cold shock domain protein A	1.859	0.250
202456_s_at	ZYG11BL	zyg-11 homolog B (C. elegans)-like	1.950	0.250

235512_at	CDKL1	Cyclin-dependent kinase-like 1 (CDC2-related kinase)	1.715	0.250
200075_s_at	GUK1	guanylate kinase 1 /// guanylate kinase 1	1.578	0.250
219622_at	RAB20	RAB20, member RAS oncogene family	1.890	0.250
226603_at	SAMD9L	sterile alpha motif domain containing 9-like	1.788	0.250
208416_s_at	SPTB	spectrin, beta, erythrocytic (includes spherocytosis, clinical type I)	2.742	0.250
1556764_s_at	PDE4D	Phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, Drosophila)	2.597	0.250
201798_s_at	FER1L3	fer-1-like 3, myoferlin (C. elegans)	1.943	0.250
202387_at	BAG1	BCL2-associated athanogene /// BCL2-associated athanogene	1.781	0.250
228214_at	---	Transcribed locus	5.136	0.250
214020_x_at	ITGB5	Integrin, beta 5	1.657	0.250
241154_x_at	MTSS1	Metastasis suppressor 1	1.594	0.250
31874_at	GAS2L1	growth arrest-specific 2 like 1	1.757	0.250
239210_at	PBX1	Pre-B-cell leukemia transcription factor 1	6.905	0.250
1554334_a_at	DNAJA4	DnaJ (Hsp40) homolog, subfamily A, member 4	2.110	0.250
222678_s_at	DCUN1D1	DCN1, defective in cullin neddylation 1, domain containing 1 (S. cerevisiae)	1.818	0.250
201334_s_at	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12	2.080	0.250
209641_s_at	ABCC3	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	1.714	0.250
204467_s_at	SNCA	synuclein, alpha (non A4 component of amyloid precursor) /// synuclein, alpha (non A4 component of amyloid precursor)	2.035	0.250
203827_at	WIP1	WD repeat domain, phosphoinositide interacting 1	1.540	0.250
229736_at	TMEM86B	transmembrane protein 86B	2.085	0.341
205067_at	IL1B	interleukin 1, beta	1.601	0.341
209019_s_at	PINK1	PTEN induced putative kinase 1	1.567	0.341
243463_s_at	RIT1	Ras-like without CAAX 1	2.503	0.341
226184_at	FMNL2	formin-like 2	1.967	0.341
215449_at	BZRPL1	benzodiazapine receptor (peripheral)-like 1	2.384	0.341
39402_at	IL1B	interleukin 1, beta	1.582	0.341
212705_x_at	PNPLA2	patatin-like phospholipase domain containing 2	1.661	0.341
224898_at	WDR26	WD repeat domain 26	1.669	0.341
200696_s_at	GSN	gelsolin (amyloidosis, Finnish type)	1.575	0.341
202364_at	MXI1	MAX interactor 1 /// MAX interactor 1	1.865	0.341
239853_at	KLC3	kinesin light chain 3	2.980	0.341
227014_at	ASPHD2	aspartate beta-hydroxylase domain containing 2	1.735	0.341
223012_at	UBXD1	UBX domain containing 1	1.678	0.341
235756_at	SAMD4A	Sterile alpha motif domain containing 4A	1.992	0.341
219695_at	SMPD3	sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)	2.086	0.341
202129_s_at	RIOK3	RIO kinase 3 (yeast) /// RIO kinase 3 (yeast)	2.011	0.341
208161_s_at	ABCC3	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	1.970	0.341
223832_s_at	CAPNS2	calpain, small subunit 2	1.677	0.341
201125_s_at	ITGB5	integrin, beta 5	1.959	0.341
635_s_at	PPP2R5B	protein phosphatase 2, regulatory subunit B (B56), beta isoform	1.608	0.341

## Supplementary table 1

## Upregulated transcripts

225239_at	---	CDNA FLJ26120 fis, clone SYN00419	1.737	0.341
236707_at	DAPP1	dual adaptor of phosphotyrosine and 3-phosphoinositides	1.749	0.341
203196_at	ABCC4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	1.547	0.341
201058_s_at	MYL9	myosin, light chain 9, regulatory	2.929	0.341
232522_at	TCF7L2	Transcription factor 7-like 2 (T-cell specific, HMG-box)	1.886	0.341
202201_at	BLVRB	biliverdin reductase B (flavin reductase (NADPH))	1.746	0.341
206283_s_at	TAL1	T-cell acute lymphocytic leukemia 1	2.569	0.341
223121_s_at	SFRP2	secreted frizzled-related protein 2	4.125	0.341
215977_x_at	GK	glycerol kinase	1.747	0.341
212055_at	C18orf10	chromosome 18 open reading frame 10	2.367	0.341
240630_at	RARA	Retinoic acid receptor, alpha	1.650	0.341
202947_s_at	GYPC	glycophorin C (Gerbich blood group)	1.598	0.341
212472_at	MICAL2	microtubule associated monooxygenase, calponin and LIM domain containing 2	1.781	0.341
237299_at	---	Transcribed locus	2.787	0.341
221809_at	RANBP10	RAN binding protein 10	1.869	0.341
225252_at	SRXN1	sulfiredoxin 1 homolog (S. cerevisiae)	1.688	0.341
227798_at	SMAD1	SMAD family member 1	1.595	0.341
225102_at	MGLL	monoglyceride lipase	1.614	0.341
206026_s_at	TNFAIP6	tumor necrosis factor, alpha-induced protein 6	1.926	0.341
232579_at	---	CDNA: FLJ22719 fis, clone HSI14307	2.286	0.341
209217_s_at	WDR45	WD repeat domain 45	1.653	0.341
219202_at	RHBDF2	rhomboid 5 homolog 2 (Drosophila)	1.511	0.341
1569095_at	LOC731424	hypothetical protein LOC731424	2.084	0.341
225271_at	TMEM63B	transmembrane protein 63B	1.786	0.341
201059_at	CTTN	cortactin	2.193	0.341
210088_x_at	MYL4	myosin, light chain 4, alkali; atrial, embryonic	2.039	0.341
1555068_at	WNK1	WNK lysine deficient protein kinase 1	2.181	0.341
212077_at	CALD1	caldesmon 1	2.339	0.341
226071_at	ADAMTSL4	ADAMTS-like 4	1.723	0.341
209992_at	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	1.528	0.341
213288_at	MBOAT2	membrane bound O-acyltransferase domain containing 2	1.746	0.341
207357_s_at	GALNT10	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)	1.519	0.341
1554423_a_at	FBXO7	F-box protein 7	1.613	0.341
221962_s_at	UBE2H	ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)	1.933	0.341
202500_at	DNAJB2	DnaJ (Hsp40) homolog, subfamily B, member 2	1.864	0.341
215150_at	YOD1	YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae)	2.062	0.341
210610_at	CEACAM1	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)	1.787	0.341
1555680_a_at	SMOX	spermine oxidase	2.191	0.341
236155_at	ZCCHC6	Zinc finger, CCHC domain containing 6	1.510	0.341
205127_at	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	2.315	0.341

225800_at	JAZF1	JAZF zinc finger 1	2.103	0.341
228362_s_at	RP1-93H18.5	Hypothetical protein LOC441168	2.693	0.341
203394_s_at	HES1	hairy and enhancer of split 1, (Drosophila)	1.919	0.341
208335_s_at	DARC	Duffy blood group, chemokine receptor	3.577	0.341
210999_s_at	GRB10	growth factor receptor-bound protein 10	1.527	0.341
211820_x_at	GYP A	glycophorin A (MNS blood group)	2.643	0.341
211026_s_at	MGLL	monoglyceride lipase /// monoglyceride lipase	1.994	0.341
228273_at	---	Transcribed locus	1.640	0.341
221345_at	FFAR2	free fatty acid receptor 2	1.619	0.341
227959_at	---	Transcribed locus	4.257	0.341
228195_at	MGC13057	hypothetical protein MGC13057	1.798	0.341
202452_at	ZYG11BL	zyg-11 homolog B (C. elegans)-like	1.871	0.341
228618_at	PEAR1	platelet endothelial aggregation receptor 1	1.536	0.341
213836_s_at	WIPI1	WD repeat domain, phosphoinositide interacting 1	1.545	0.341
205253_at	PBX1	pre-B-cell leukemia transcription factor 1	1.937	0.341
204439_at	IFI44L	interferon-induced protein 44-like	2.583	0.341
221049_s_at	POLL	polymerase (DNA directed), lambda	1.725	0.341
208791_at	CLU	clusterin	1.941	0.341
234643_x_at	---	CDNA: FLJ21798 fis, clone HEP00573	1.700	0.341
207793_s_at	EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)	2.084	0.341
219905_at	ERMAP	erythroblast membrane-associated protein (Scianna blood group)	1.695	0.341
1557538_at	THRAP2	Thyroid hormone receptor associated protein 2	1.508	0.341
241133_at	---	CDNA FLJ35984 fis, clone TEST12014097, highly similar to V_segment translation product	2.360	0.503
203289_s_at	C16orf35	chromosome 16 open reading frame 35	2.625	0.503
239412_at	IRF5	interferon regulatory factor 5	2.390	0.503
200954_at	ATP6V0C	ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c	1.617	0.503
202131_s_at	RIOK3	RIO kinase 3 (yeast) /// RIO kinase 3 (yeast)	1.876	0.503
1557418_at	ACSL4	Acyl-CoA synthetase long-chain family member 4	1.843	0.503
233375_at	EFCAB2	EF-hand calcium binding domain 2	3.064	0.503
211475_s_at	BAG1	BCL2-associated athanogene	1.640	0.503
203819_s_at	IGF2BP3	insulin-like growth factor 2 mRNA binding protein 3	1.535	0.503
242601_at	LOC253012	hypothetical protein LOC253012	2.808	0.503
207667_s_at	MAP2K3	mitogen-activated protein kinase kinase 3	1.743	0.503
241041_at	SLC8A1	Solute carrier family 8 (sodium/calcium exchanger), member 1	1.813	0.503
208949_s_at	LGALS3	lectin, galactoside-binding, soluble, 3 (galectin 3)	1.692	0.503
208792_s_at	CLU	clusterin	1.856	0.503
201563_at	SORD	sorbitol dehydrogenase	1.620	0.503
227062_at	TncRNA	trophoblast-derived noncoding RNA	2.528	0.503
1555724_s_at	TAGLN	transgelin	1.810	0.503
206171_at	ADORA3	adenosine A3 receptor	2.051	0.503
241433_at	RCOR3	REST corepressor 3	3.609	0.503
231780_at	GBGT1	globoside alpha-1,3-N-acetylgalactosaminyltransferase 1	1.545	0.503
201053_s_at	PSMF1	proteasome (prosome, macropain) inhibitor subunit 1 (PI31)	1.589	0.503
1567219_at	---	---	1.529	0.503

220712_at	C8orf60	chromosome 8 open reading frame 60	1.642	0.503
1553842_at	CXorf20	chromosome X open reading frame 20	1.786	0.503
242020_s_at	ZBP1	Z-DNA binding protein 1	1.787	0.503
224982_at	AKT1S1	AKT1 substrate 1 (proline-rich)	1.601	0.503
219863_at	HERC5	hect domain and RLD 5	1.814	0.503
1553976_a_at	RP11-529I10.4	deleted in a mouse model of primary ciliary dyskinesia	2.041	0.503
238669_at	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	1.768	0.503
1565483_at	EGFR	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	2.909	0.503
227180_at	ELOVL7	ELOVL family member 7, elongation of long chain fatty acids (yeast)	2.016	0.503
236313_at	CDKN2B	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	1.527	0.503
207206_s_at	ALOX12	arachidonate 12-lipoxygenase	2.070	0.503
1558152_at	TSPAN4	Tetraspanin 4	1.616	0.503
240498_at	ETV6	Ets variant gene 6 (TEL oncogene)	1.776	0.503
228152_s_at	FLJ31033	hypothetical protein FLJ31033	1.545	0.503
1556896_at	LOC284751	hypothetical protein LOC284751	2.218	0.503
200896_x_at	HDGF	hepatoma-derived growth factor (high-mobility group protein 1-like)	1.560	0.503
217933_s_at	LAP3	leucine aminopeptidase 3	1.879	0.503
53987_at	RANBP10	RAN binding protein 10	1.715	0.503
210395_x_at	MYL4	myosin, light chain 4, alkali; atrial, embryonic	2.043	0.503
235684_s_at	SESN3	sestrin 3	1.729	0.503
219799_s_at	DHRS9	dehydrogenase/reductase (SDR family) member 9	2.198	0.503
1557116_at	APOL6	apolipoprotein L, 6	1.603	0.503
218818_at	FHL3	four and a half LIM domains 3	1.635	0.503
212797_at	SORT1	sortilin 1	1.577	0.503
201365_at	OAZ2	ornithine decarboxylase antizyme 2	1.654	0.503
215813_s_at	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	1.774	0.503
214992_s_at	DNASE2	deoxyribonuclease II, lysosomal	1.562	0.503
238513_at	PRRG4	Proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane)	1.561	0.503
1557236_at	APOL6	apolipoprotein L, 6	1.736	0.503
202284_s_at	CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	1.585	0.503
242596_at	---	Transcribed locus	1.518	0.503
210044_s_at	LYL1	lymphoblastic leukemia derived sequence 1	1.612	0.503
204533_at	CXCL10	chemokine (C-X-C motif) ligand 10	2.835	0.503
217799_x_at	UBE2H	ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)	1.849	0.503
212651_at	RHOBTB1	Rho-related BTB domain containing 1	2.021	0.503
204067_at	SUOX	sulfite oxidase	1.503	0.503
237588_at	SMCHD1	Structural maintenance of chromosomes flexible hinge domain containing 1	2.066	0.503
205241_at	SCO2	SCO cytochrome oxidase deficient homolog 2 (yeast)	1.770	0.503
229548_at	UNC84B	Unc-84 homolog B (C. elegans)	1.625	0.503
219316_s_at	C14orf58	chromosome 14 open reading frame 58	1.543	0.503

## Supplementary table 1

## Upregulated transcripts

217882_at	TMEM111	transmembrane protein 111	1.639	0.503
223123_s_at	C1orf128	chromosome 1 open reading frame 128	2.135	0.503
242390_at	WDFY1	WD repeat and FYVE domain containing 1	1.652	0.503
206275_s_at	MICAL2	microtubule associated monooxygenase, calponin and LIM domain containing 2	1.993	0.503
1561654_at	LIMK2	LIM domain kinase 2	1.671	0.679
230778_at	---	Transcribed locus	2.025	0.679
206461_x_at	MT1H	metallothionein 1H	1.510	0.679
212974_at	DENND3	DENN/MADD domain containing 3	2.664	0.679
209729_at	GAS2L1	growth arrest-specific 2 like 1	1.638	0.679
204745_x_at	MT1G	metallothionein 1G	1.546	0.679
230214_at	MRV11	murine retrovirus integration site 1 homolog	3.160	0.679
1560262_at	LRR32	Leucine rich repeat containing 32	1.946	0.679
213274_s_at	CTSB	cathepsin B	1.812	0.679
230546_at	VASH1	vasohibin 1	1.561	0.679
1558770_a_at	C17orf38	chromosome 17 open reading frame 38	2.033	0.679
206493_at	ITGA2B	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)	2.124	0.679
229996_s_at	PCGF5	Polycomb group ring finger 5	2.129	0.679
217502_at	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	1.788	0.679
240652_at	---	---	1.645	0.679
205012_s_at	HAGH	hydroxyacylglutathione hydrolase	1.627	0.679
210036_s_at	KCNH2	potassium voltage-gated channel, subfamily H (eag-related), member 2	1.928	0.679
1553861_at	TCP11L2	t-complex 11 (mouse)-like 2	1.877	0.679
213825_at	OLIG2	oligodendrocyte lineage transcription factor 2	2.894	0.679
225874_at	FAM100A	family with sequence similarity 100, member A	1.613	0.679
227250_at	KREMEN1	kringle containing transmembrane protein 1	2.588	0.679
220122_at	MCTP1	multiple C2 domains, transmembrane 1	1.592	0.679
65086_at	YIPF2	Yip1 domain family, member 2	1.523	0.679
1568513_x_at	PRSS1	Protease, serine, 1 (trypsin 1)	1.554	0.679
210357_s_at	SMOX	spermine oxidase	1.829	0.679
225354_s_at	SH3BGRL2	SH3 domain binding glutamic acid-rich protein like 2	1.969	0.679
204780_s_at	FAS	Fas (TNF receptor superfamily, member 6)	1.519	0.679
220694_at	DDEF1IT1	DDEF1 intronic transcript 1	1.593	0.679
221680_s_at	ETV7	ets variant gene 7 (TEL2 oncogene)	3.641	0.679
218999_at	TMEM140	transmembrane protein 140	1.534	0.679
210987_x_at	TPM1	tropomyosin 1 (alpha)	1.501	0.679
217167_x_at	GK	glycerol kinase	1.608	0.679
206539_s_at	CYP4F12	cytochrome P450, family 4, subfamily F, polypeptide 12	1.628	0.679
205632_s_at	PIP5K1B	phosphatidylinositol-4-phosphate 5-kinase, type I, beta	1.838	0.679
214273_x_at	C16orf35	chromosome 16 open reading frame 35	2.229	0.679
227088_at	PDE5A	phosphodiesterase 5A, cGMP-specific	1.876	0.679
222793_at	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	1.649	0.679
1555021_a_at	SCARF1	scavenger receptor class F, member 1	1.512	0.679
203309_s_at	HPS1	Hermansky-Pudlak syndrome 1	1.761	0.679
226702_at	LOC129607	hypothetical protein LOC129607	1.877	0.679
223828_s_at	LGALS12	lectin, galactoside-binding, soluble, 12 (galectin 12)	1.541	0.679

212531_at	LCN2	lipocalin 2 (oncogene 24p3)	1.953	0.679
1562321_at	PKD4	pyruvate dehydrogenase kinase, isozyme 4	1.817	0.679
217507_at	SLC11A1	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1	2.175	0.679
1554333_at	DNAJA4	DnaJ (Hsp40) homolog, subfamily A, member 4	2.276	0.679
223375_at	TBC1D22B	TBC1 domain family, member 22B	1.622	0.679
200649_at	NUCB1	nucleobindin 1	1.519	0.679
234973_at	SLC38A5	solute carrier family 38, member 5	2.169	0.679
226179_at	SLC25A37	solute carrier family 25, member 37	1.612	0.679
1554574_a_at	CYB5R3	cytochrome b5 reductase 3	1.539	0.679
208916_at	SLC1A5	solute carrier family 1 (neutral amino acid transporter), member 5	1.662	0.679
228278_at	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)	1.529	0.679
221477_s_at	MGC5618	hypothetical protein MGC5618	1.841	0.679
238505_at	ADPRH	ADP-ribosylarginine hydrolase	1.522	0.679
211702_s_at	USP32	ubiquitin specific peptidase 32 /// ubiquitin specific peptidase 32	1.576	0.679
206857_s_at	FKBP1B	FK506 binding protein 1B, 12.6 kDa	1.867	0.679
221675_s_at	CHPT1	choline phosphotransferase 1	1.661	0.679
204494_s_at	C15orf39	chromosome 15 open reading frame 39	1.548	0.679
235157_at	PARP14	Poly (ADP-ribose) polymerase family, member 14	1.899	0.679
216316_x_at	GK /// GK3P	glycerol kinase /// glycerol kinase 3 pseudogene	1.607	0.679
206494_s_at	ITGA2B	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)	2.225	0.679
234897_s_at	C6orf21	chromosome 6 open reading frame 21	1.768	0.679
241202_at	GALNT10	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)	1.742	0.679
238515_at	---	CDNA FLJ34034 fis, clone FCBBF2004671	1.530	0.679
226009_at	RP11-529I10.4	deleted in a mouse model of primary ciliary dyskinesia	1.753	0.925
221160_s_at	CABP3 /// CABP5	calcium binding protein 3 /// calcium binding protein 5	1.950	0.925
215242_at	PIGC	phosphatidylinositol glycan anchor biosynthesis, class C	5.315	0.925
243352_at	ALPK1	alpha-kinase 1	2.019	0.925
214428_x_at	C4A /// C4B	complement component 4A (Rodgers blood group) /// complement component 4B (Childo blood group)	2.395	0.925
231990_at	USP15	ubiquitin specific peptidase 15	1.554	0.925
237082_at	DDEF1	Development and differentiation enhancing factor 1	1.754	0.925
209216_at	WDR45	WD repeat domain 45	1.582	0.925
209273_s_at	HBLD2	HESB like domain containing 2	1.934	0.925
208612_at	PDIA3	protein disulfide isomerase family A, member 3	2.349	0.925
223952_x_at	DHRS9	dehydrogenase/reductase (SDR family) member 9	2.221	0.925
39854_r_at	PNPLA2	patatin-like phospholipase domain containing 2	1.543	0.925
214583_at	RSC1A1	regulatory solute carrier protein, family 1, member 1	2.002	0.925
203805_s_at	FANCA	Fanconi anemia, complementation group A /// Fanconi anemia, complementation group A	1.719	0.925
223124_s_at	C1orf128	chromosome 1 open reading frame 128	2.056	0.925
212003_at	C1orf144	chromosome 1 open reading frame 144	1.580	0.925

212473_s_at	MICAL2	microtubule associated monooxygenase, calponin and LIM domain containing 2	1.613	0.925
240638_at	PLXNC1	Plexin C1	1.505	0.925
202869_at	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa	2.050	0.925
222043_at	CLU	clusterin	1.693	0.925
223924_at	TTC25	tetratricopeptide repeat domain 25	1.911	0.925
236156_at	LIPA	lipase A, lysosomal acid, cholesterol esterase (Wolman disease)	2.247	0.925
239012_at	IBRDC2	IBR domain containing 2	1.528	0.925
218400_at	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	1.997	0.925
237077_at	ACPP	Acid phosphatase, prostate	1.753	0.925
213327_s_at	USP12	ubiquitin specific peptidase 12	1.739	0.925
211781_x_at	---	---	3.248	0.925
217274_x_at	MYL4	myosin, light chain 4, alkali; atrial, embryonic	2.005	0.925
243952_at	psiTPTE22	TPTE pseudogene	1.803	0.925
225775_at	TSPAN33	tetraspanin 33	1.570	0.925
203949_at	MPO	myeloperoxidase	2.429	0.925
221764_at	C19orf22	chromosome 19 open reading frame 22	1.520	0.925
239206_at	CR1L	complement component (3b/4b) receptor 1-like	3.693	0.925
206647_at	HBZ	hemoglobin, zeta /// hemoglobin, zeta	7.339	0.925
1565347_s_at	TFE3	transcription factor binding to IGHM enhancer 3	1.864	0.925
227649_s_at	SRGAP2	SLIT-ROBO Rho GTPase activating protein 2	1.508	0.925
213617_s_at	C18orf10	chromosome 18 open reading frame 10	1.762	0.925
211993_at	WNK1	WNK lysine deficient protein kinase 1 /// WNK lysine deficient protein kinase 1	1.909	0.925
205660_at	OASL	2'-5'-oligoadenylate synthetase-like	2.255	0.925
226637_at	UBE2H	Ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)	2.017	0.925
209301_at	CA2	carbonic anhydrase II	1.775	0.925
205390_s_at	ANK1	ankyrin 1, erythrocytic /// ankyrin 1, erythrocytic	2.998	0.925
215498_s_at	MAP2K3	mitogen-activated protein kinase kinase 3 /// mitogen-activated protein kinase kinase 3	1.565	0.925
1554481_a_at	EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)	1.866	0.925
212155_at	RNF187	ring finger protein 187	1.539	0.925
234989_at	TncRNA	trophoblast-derived noncoding RNA	1.524	0.925
215719_x_at	FAS	Fas (TNF receptor superfamily, member 6)	1.526	0.925
202242_at	TSPAN7	tetraspanin 7	1.667	0.925
218872_at	TESC	tescalcin	1.650	0.925
232035_at	HIST1H4H	histone cluster 1, H4h	1.781	0.925
208253_at	SIGLEC8	sialic acid binding Ig-like lectin 8	2.293	0.925
243824_at	LOC728649	Hypothetical protein LOC728649	1.557	0.925
219952_s_at	MCOLN1	mucolipin 1	2.009	0.925
233689_at	TCF7L2	Transcription factor 7-like 2 (T-cell specific, HMG-box)	2.015	0.925
219684_at	RTP4	receptor (chemosensory) transporter protein 4	2.082	0.925
216956_s_at	ITGA2B	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)	2.318	0.925
208886_at	H1F0	H1 histone family, member 0	1.652	0.925
205110_s_at	FGF13	fibroblast growth factor 13	2.772	0.925
201039_s_at	RAD23A	RAD23 homolog A (S. cerevisiae)	1.610	0.925

## Supplementary table 1

## Upregulated transcripts

203725_at	GADD45A	growth arrest and DNA-damage-inducible, alpha	1.595	0.925
225202_at	RHOBTB3	Rho-related BTB domain containing 3	1.533	0.925
205128_x_at	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	1.691	0.925
204482_at	CLDN5	claudin 5 (transmembrane protein deleted in velocardiofacial syndrome)	1.512	0.925
223285_s_at	ST6GALNAC4	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 4	1.771	0.925
231228_at	BCL2L1	BCL2-like 1	2.014	0.925
1565732_at	P11	26 serine protease	2.359	0.925
206077_at	KEL	Kell blood group, metallo-endopeptidase	2.545	0.925
243508_at	NEB	Nebulin	3.683	0.925
216252_x_at	FAS	Fas (TNF receptor superfamily, member 6)	1.594	0.925
227473_at	---	Transcribed locus, strongly similar to XP_001174013.1 cortactin isoform 1 [Pan troglodytes]	1.699	0.925
1556331_a_at	PDE4D	Phosphodiesterase 4D, cAMP-specific (phosphodiesterase E3 dunce homolog, Drosophila)	2.343	0.925
224009_x_at	DHRS9	dehydrogenase/reductase (SDR family) member 9	2.285	0.925
204800_s_at	DHRS12	dehydrogenase/reductase (SDR family) member 12	1.621	0.925
230959_at	LOC730453	hypothetical protein LOC730453	2.122	0.925
232726_at	MAML3	Mastermind-like 3 (Drosophila)	1.540	0.925
1559835_at	LOC728649	Hypothetical protein LOC728649	1.689	0.925
206167_s_at	ARHGAP6	Rho GTPase activating protein 6	1.772	0.925
214157_at	GNAS	GNAS complex locus	2.248	0.925
206359_at	SOCS3	suppressor of cytokine signaling 3	1.535	0.925
1561615_s_at	SLC8A1	solute carrier family 8 (sodium/calcium exchanger), member 1	2.078	0.925
1568620_at	CSAD	cysteine sulfinic acid decarboxylase	2.385	0.925
219594_at	NINJ2	ninjurin 2	1.532	0.925
224550_s_at	MRVI1	murine retrovirus integration site 1 homolog	3.514	0.925
204907_s_at	BCL3	B-cell CLL/lymphoma 3	1.577	1.191
204627_s_at	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	2.348	1.191
229635_at	---	CDNA clone IMAGE:4800262	2.718	1.191
227041_at	---	CDNA FLJ31513 fis, clone NT2R11000127	1.664	1.191
204628_s_at	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	1.984	1.191
203276_at	LMNB1	lamin B1	1.910	1.191
241869_at	APOL6	apolipoprotein L, 6	1.986	1.191
227400_at	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)	2.339	1.191
203680_at	PRKAR2B	protein kinase, cAMP-dependent, regulatory, type II, beta	1.621	1.191
207111_at	EMR1	egf-like module containing, mucin-like, hormone receptor-like 1	1.691	1.191
205048_s_at	PSPH	phosphoserine phosphatase	2.952	1.191
225051_at	EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)	1.532	1.191
207389_at	GP1BA	glycoprotein Ib (platelet), alpha polypeptide	1.549	1.191

## Supplementary table 1

## Upregulated transcripts

202193_at	LIMK2	LIM domain kinase 2	1.540	1.191
221478_at	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like /// BCL2/adenovirus E1B 19kDa interacting protein 3-like	1.543	1.191
210430_x_at	RHD	Rh blood group, D antigen	1.802	1.191
201805_at	PRKAG1	protein kinase, AMP-activated, gamma 1 non-catalytic subunit	1.973	1.191
226018_at	C7orf41	chromosome 7 open reading frame 41	1.587	1.191
210215_at	TFR2	transferrin receptor 2	2.032	1.191
220937_s_at	ST6GALNAC4	ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 4	1.670	1.191
55705_at	C19orf22	chromosome 19 open reading frame 22	1.510	1.191
224534_at	KREMEN1	kringle containing transmembrane protein 1 /// kringle containing transmembrane protein 1	2.064	1.191
219761_at	CLEC1A	C-type lectin domain family 1, member A	1.512	1.191
1559607_s_at	GBP6	Guanylate binding protein family, member 6	1.729	1.191
229856_s_at	C1orf128	Chromosome 1 open reading frame 128	1.691	1.191
222420_s_at	UBE2H	ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)	1.659	1.191
210797_s_at	OASL	2'-5'-oligoadenylate synthetase-like	2.171	1.191
233880_at	C17orf27	chromosome 17 open reading frame 27	1.658	1.191
228617_at	BIRC4BP	XIAP associated factor-1	1.690	1.191
244464_at	---	---	1.677	1.191
242957_at	VWCE	von Willebrand factor C and EGF domains	1.753	1.191
242961_x_at	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	1.612	1.191
236254_at	VPS13B	vacuolar protein sorting 13 homolog B (yeast)	1.520	1.191
241368_at	LSDP5	lipid storage droplet protein 5	1.504	1.191
1566698_at	---	MRNA; cDNA DKFZp586I2322 (from clone DKFZp586I2322)	1.655	1.191
206207_at	CLC	Charcot-Leyden crystal protein /// Charcot-Leyden crystal protein	1.846	1.191
243296_at	PBEF1	Pre-B-cell colony enhancing factor 1	1.547	1.191
222446_s_at	BACE2	beta-site APP-cleaving enzyme 2	1.567	1.191
219458_s_at	NSUN3	NOL1/NOP2/Sun domain family, member 3	1.687	1.191
239205_s_at	CR1 /// CR1L /// LOC653907	blood group) /// complement component (3b/4b) receptor 1 (Knops complement component (3b/4b) receptor 1-like /// similar to complement component (3b/4b) receptor 1 isoform F precursor	1.723	1.191
223963_s_at	IGF2BP2	insulin-like growth factor 2 mRNA binding protein 2	2.022	1.191
232472_at	FNDC3B	Fibronectin type III domain containing 3B	1.501	1.191
236260_at	---	---	1.747	1.191
207038_at	SLC16A6	solute carrier family 16, member 6 (monocarboxylic acid transporter 7)	1.513	1.191
226657_at	MGC33894	transcript expressed during hematopoiesis 2	1.572	1.191
205757_at	ENTPD5	ectonucleoside triphosphate diphosphohydrolase 5	1.767	1.191
206676_at	CEACAM8	carcinoembryonic antigen-related cell adhesion molecule 8	2.403	1.191
216317_x_at	RHCE	Rh blood group, CcEe antigens	1.765	1.191
208451_s_at	C4A /// C4B	complement component 4A (Rodgers blood group) /// complement component 4B (Childo blood group)	4.129	1.191

221881_s_at	ADD3 /// CLIC4	adducin 3 (gamma) /// chloride intracellular channel 4	1.517	1.191
209212_s_at	KLF5	Kruppel-like factor 5 (intestinal)	1.689	1.191
216782_at	KCNJ15	Potassium inwardly-rectifying channel, subfamily J, member 15	1.698	1.191
200930_s_at	VCL	vinculin	1.563	1.191
209047_at	AQP1	aquaporin 1 (Colton blood group)	2.875	1.191
204132_s_at	FOXO3A	forkhead box O3A	1.583	1.191
206176_at	BMP6	bone morphogenetic protein 6	1.798	1.191
215499_at	MAP2K3	mitogen-activated protein kinase kinase 3 /// mitogen-activated protein kinase kinase 3	1.511	1.191
235659_at	---	Transcribed locus	1.520	1.191
201335_s_at	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12	1.558	1.191
236223_s_at	RIT1	Ras-like without CAAX 1	1.754	1.191
216389_s_at	WDR23	WD repeat domain 23	1.587	1.191
203149_at	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B)	2.414	1.191
239227_at	EXT1	Exostososes (multiple) 1	1.550	1.191
218417_s_at	FLJ20489	hypothetical protein FLJ20489	1.738	1.191
217878_s_at	CDC27	cell division cycle 27 homolog (S. cerevisiae)	1.596	1.191
206655_s_at	GP1BB /// SEPT5	glycoprotein Ib (platelet), beta polypeptide /// septin 5	1.686	1.191
201886_at	WDR23	WD repeat domain 23	1.525	1.191
56748_at	TRIM10	tripartite motif-containing 10	1.557	1.191
244889_at	FUT4	Fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific)	1.615	1.191
242106_at	MAPK1	Mitogen-activated protein kinase 1	1.610	1.191
217518_at	FER1L3	fer-1-like 3, myoferlin (C. elegans)	1.895	1.191
222866_s_at	C14orf58	chromosome 14 open reading frame 58	1.568	1.191
1554442_at	BEST1	bestrophin 1	1.661	1.191
232471_at	MYO1E	Myosin IE	1.574	1.191
209734_at	NCKAP1L	NCK-associated protein 1-like	2.143	1.191
237904_at	ADORA3	Adenosine A3 receptor	1.782	1.191
210744_s_at	IL5RA	interleukin 5 receptor, alpha	1.889	1.191
206871_at	ELA2	elastase 2, neutrophil	2.280	1.191
218978_s_at	SLC25A37	solute carrier family 25, member 37	1.541	1.191
235417_at	SPOCD1	SPOC domain containing 1	1.974	1.191
208180_s_at	HIST1H4H	histone cluster 1, H4h	1.806	1.191
218660_at	DYSF	dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive)	1.568	1.191
202018_s_at	LTF /// LOC728320	lactotransferrin /// similar to lactotransferrin	1.744	1.191
203414_at	MMD	monocyte to macrophage differentiation-associated	1.573	1.191
235370_at	KREMEN1	kringle containing transmembrane protein 1	1.745	1.191
215956_at	RAB5A	RAB5A, member RAS oncogene family	1.502	1.191
1559585_at	FLJ31033	hypothetical protein FLJ31033	1.859	1.191
209610_s_at	SLC1A4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	1.530	1.191
202448_s_at	ZYG11BL	zyg-11 homolog B (C. elegans)-like	2.209	1.191
225353_s_at	C1QC	complement component 1, q subcomponent, C chain	1.531	1.191

204507_s_at	PPP3R1	protein phosphatase 3 (formerly 2B), regulatory subunit B, 19kDa, alpha isoform (calcineurin B, type I)	1.557	1.191
203021_at	SLPI	secretory leukocyte peptidase inhibitor	2.068	1.191
200784_s_at	LRP1	low density lipoprotein-related protein 1 (alpha-2-macroglobulin receptor)	1.509	1.191
236402_at	---	CDNA FLJ42263 fis, clone TKIDN2014570	1.835	1.191
236218_at	PHOSPHO1	phosphatase, orphan 1	1.526	1.191
214530_x_at	EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)	1.793	1.191
1570165_at	CHST11	Carbohydrate (chondroitin 4) sulfotransferase 11	3.198	1.191
201280_s_at	DAB2	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	1.507	1.191
1570402_at	KLC3	kinesin light chain 3	1.576	1.191
212739_s_at	NME4	non-metastatic cells 4, protein expressed in	1.652	1.191
225061_at	DNAJA4	DnaJ (Hsp40) homolog, subfamily A, member 4	1.962	1.191
231997_at	TBCEL	tubulin folding cofactor E-like	2.647	1.191
212973_at	RPIA	ribose 5-phosphate isomerase A (ribose 5-phosphate epimerase)	1.633	1.191
202509_s_at	TNFAIP2	tumor necrosis factor, alpha-induced protein 2	1.619	1.191
201108_s_at	THBS1	thrombospondin 1	1.938	1.191
209164_s_at	CYB561	cytochrome b-561	1.652	1.191
203153_at	IFIT1	interferon-induced protein with tetratricopeptide repeats 1 /// interferon-induced protein with tetratricopeptide repeats 1	1.839	1.191
204227_s_at	TK2	thymidine kinase 2, mitochondrial	1.591	1.191
207601_at	SULT1B1	sulfotransferase family, cytosolic, 1B, member 1	1.720	1.191
243010_at	MSI2	musashi homolog 2 (Drosophila)	2.028	1.191
219451_at	MSRB2	methionine sulfoxide reductase B2	1.505	1.191
205170_at	STAT2	signal transducer and activator of transcription 2, 113kDa	1.594	1.191
213621_s_at	GUK1	Guanylate kinase 1	1.519	1.191
230690_at	TUBB1	tubulin, beta 1	1.535	1.191
209911_x_at	HIST1H2BD	histone cluster 1, H2bd	1.547	1.191
243356_at	---	---	1.558	1.191
210190_at	STX11	syntaxin 11	1.578	1.191
210757_x_at	DAB2	disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila)	1.534	1.191
236592_at	FLJ20273	RNA-binding protein	1.641	1.191
238446_at	GUSBP1	glucuronidase, beta pseudogene 1	2.302	1.191
1566549_at	DHRXS	Dehydrogenase/reductase (SDR family) X-linked	2.034	1.191
220496_at	CLEC1B	C-type lectin domain family 1, member B	1.718	1.191
229617_x_at	AP2A1	adaptor-related protein complex 2, alpha 1 subunit	1.585	1.191
1565525_a_at	TCP11L2	t-complex 11 (mouse)-like 2	1.922	1.191
205552_s_at	OAS1	2',5'-oligoadenylate synthetase 1, 40/46kDa	1.671	1.191
205020_s_at	ARL4A	ADP-ribosylation factor-like 4A	1.565	1.191
209116_x_at	HBB	hemoglobin, beta /// hemoglobin, beta	1.844	1.191
206390_x_at	PF4	platelet factor 4 (chemokine (C-X-C motif) ligand 4)	1.524	1.191
221551_x_at	ST6GALNAC4	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 4	1.765	1.191

## Supplementary table 1

## Upregulated transcripts

223609_at	ROPN1L	ropporin 1-like	1.556	1.191
233476_at	---	CDNA FLJ20182 fis, clone COLF0190	1.608	1.191
210579_s_at	TRIM10	tripartite motif-containing 10	1.633	1.191
234072_at	SEMA4A	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	1.569	1.191
211909_x_at	PTGER3	prostaglandin E receptor 3 (subtype EP3) /// prostaglandin E receptor 3 (subtype EP3)	1.553	1.191
1555464_at	IFIH1	interferon induced with helicase C domain 1	1.660	1.191
1561937_x_at	MAPKAPK5	Mitogen-activated protein kinase-activated protein kinase 5	2.782	1.191
202103_at	BRD4	bromodomain containing 4	1.582	1.191
238105_x_at	---	Transcribed locus	1.527	1.191
1569207_s_at	TCP11L2	t-complex 11 (mouse)-like 2	1.855	1.191
210001_s_at	SOCS1	suppressor of cytokine signaling 1	1.846	1.191
242665_at	FMNL2	formin-like 2	1.526	1.191
239832_at	FAM122A	Family with sequence similarity 122A	1.542	1.191
227347_x_at	HES4	hairy and enhancer of split 4 (Drosophila)	1.565	1.191
232225_at	HDAC4	Histone deacetylase 4	1.530	1.191
209526_s_at	HDGFRP3	hepatoma-derived growth factor, related protein 3	1.678	1.191
211003_x_at	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine- gamma-glutamyltransferase)	2.683	1.191
1556283_s_at	FGFR1OP2	FGFR1 oncogene partner 2	1.973	1.191
240765_at	SPECC1	Sperm antigen with calponin homology and coiled-coil domains 1	1.591	1.191
1555786_s_at	---	---	1.571	1.191
1555039_a_at	ABCC4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	1.778	1.191
208975_s_at	KPNB1	karyopherin (importin) beta 1	1.518	1.191
204069_at	MEIS1	Meis1, myeloid ecotropic viral integration site 1 homolog (mouse)	1.660	1.191
1569190_at	SCLT1	sodium channel and clathrin linker 1	1.543	1.191
244523_at	VIL2	Villin 2 (ezrin)	1.643	1.191
208052_x_at	CEACAM3	carcinoembryonic antigen-related cell adhesion molecule 3	1.531	1.191
242234_at	BIRC4BP	XIAP associated factor-1	2.060	1.191
204787_at	VSIG4	V-set and immunoglobulin domain containing 4	1.590	1.191
202074_s_at	OPTN	optineurin	1.561	1.191
232423_at	ARSD	arylsulfatase D	1.562	1.191
208677_s_at	BSG	basigin (Ok blood group)	1.725	1.191
1563720_at	GPR141	G protein-coupled receptor 141	1.911	1.191
1554600_s_at	LMNA	lamin A/C	1.531	1.191
200844_s_at	PRDX6	peroxiredoxin 6	1.501	1.191
229060_at	YPEL2	yippee-like 2 (Drosophila)	1.529	1.191
203588_s_at	TFDP2	transcription factor Dp-2 (E2F dimerization partner 2)	1.529	1.191
204392_at	CAMK1	calcium/calmodulin-dependent protein kinase I	1.504	1.191
1552701_a_at	COP1	caspase-1 dominant-negative inhibitor pseudo-ICE	1.562	1.191
241824_at	FOSL2	FOS-like antigen 2	1.594	1.191
237340_at	SLC26A8	solute carrier family 26, member 8	2.243	1.191
227015_at	ASPHD2	aspartate beta-hydroxylase domain containing 2	1.658	1.191
205837_s_at	GYPA	glycophorin A (MNS blood group)	2.176	1.191

1555116_s_at	SLC11A1	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1	1.543	1.191
222528_s_at	SLC25A37	solute carrier family 25, member 37	1.505	1.191
227615_at	TFIP11	Tuftelin interacting protein 11	1.687	1.191
208782_at	FSTL1	folistatin-like 1	2.077	1.191
215240_at	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	1.903	1.191
1558444_at	LOC730943	Similar to sorting nexin associated golgi protein 1	2.753	1.191
218384_at	CARHSP1	calcium regulated heat stable protein 1, 24kDa	1.527	1.191
227461_at	STON2	stonin 2	1.713	1.191
223237_x_at	AP2A1	adaptor-related protein complex 2, alpha 1 subunit	1.675	1.191
1564276_at	LOC441108	hypothetical gene supported by AK128882	1.645	1.191
217232_x_at	HBB	hemoglobin, beta	1.826	1.191
229309_at	ADRB1	adrenergic, beta-1-, receptor	2.024	1.191
241881_at	OR2W3	olfactory receptor, family 2, subfamily W, member 3	2.729	1.191
62987_r_at	CACNG4	calcium channel, voltage-dependent, gamma subunit 4	1.506	1.191
37966_at	PARVB	parvin, beta	1.754	1.191
1570375_at	PTPRN2	Protein tyrosine phosphatase, receptor type, N polypeptide 2	1.533	1.191
243507_s_at	C20orf196	chromosome 20 open reading frame 196	2.156	1.191
224823_at	MYLK	myosin, light chain kinase	1.641	1.191
236963_at	---	Transcribed locus	1.684	1.191
215248_at	GRB10	growth factor receptor-bound protein 10	1.516	1.191
217735_s_at	EIF2AK1	eukaryotic translation initiation factor 2-alpha kinase 1	1.956	1.191
206049_at	SELP	selectin P (granule membrane protein 140kDa, antigen CD62)	1.504	1.191
236224_at	RIT1	Ras-like without CAAX 1	1.874	1.191
1559606_at	GBP6	Guanylate binding protein family, member 6	2.127	1.191
243032_at	PIP3-E	Phosphoinositide-binding protein PIP3-E	1.628	1.191
205442_at	MFAP3L	microfibrillar-associated protein 3-like	1.531	1.191
205508_at	SCN1B	sodium channel, voltage-gated, type I, beta	1.585	1.191
218952_at	PCSK1N	proprotein convertase subtilisin/kexin type 1 inhibitor	2.290	1.191
1568249_at	SNORA71B	small nucleolar RNA, H/ACA box 71B	1.551	1.191
202607_at	NDST1	N-deacetylase/N-sulfotransferase (heparan glucosaminy) 1	1.630	1.191
230682_x_at	ABCC3	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	1.537	1.191
242906_at	---	MRNA; cDNA DKFZp313B1017 (from clone DKFZp313B1017)	1.812	1.191
222904_s_at	TMC5	transmembrane channel-like 5	2.411	1.191
215101_s_at	CXCL5	chemokine (C-X-C motif) ligand 5	1.612	1.191
235916_at	YPEL4	yippee-like 4 (Drosophila)	3.103	1.191
214770_at	MSR1	macrophage scavenger receptor 1	1.701	1.191
204929_s_at	VAMP5	vesicle-associated membrane protein 5 (myobrevin)	1.717	1.191
210789_x_at	CEACAM3	carcinoembryonic antigen-related cell adhesion molecule 3	1.518	1.191
202912_at	ADM	adrenomedullin	1.564	1.191
211018_at	LSS	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	1.689	1.191

## Supplementary table 1

## Upregulated transcripts

235461_at	KIAA1546	KIAA1546	1.698	1.191
241621_at	SMCHD1	Structural maintenance of chromosomes flexible hinge domain containing 1	1.656	1.191
231732_at	SMPD3	sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)	1.743	1.191
204131_s_at	FOXO3A	forkhead box O3A	1.503	1.191
204629_at	PARVB	parvin, beta	1.514	1.191
1554469_at	ZBTB44	zinc finger and BTB domain containing 44	1.726	1.191
217654_at	CFLAR	CASP8 and FADD-like apoptosis regulator	1.510	1.191
233877_at	GOLPH4	Golgi phosphoprotein 4	1.511	1.191
207233_s_at	MITF	microphthalmia-associated transcription factor	1.584	1.191
225755_at	KLHDC8B	kelch domain containing 8B	1.505	1.191
216671_x_at	MUC8	mucin 8	2.215	1.191
240131_at	---	Transcribed locus	1.947	1.191
1560007_at	LOC645984	hypothetical LOC645984	1.665	1.191
224397_s_at	TMTC1	transmembrane and tetratricopeptide repeat containing 1 /// transmembrane and tetratricopeptide repeat containing 1	1.544	1.191
217370_x_at	FUS	fusion (involved in t(12;16) in malignant liposarcoma)	1.581	1.191
216261_at	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	1.852	1.191
223597_at	ITLN1	intelectin 1 (galactofuranose binding)	2.833	1.191
225286_at	ARSD	arylsulfatase D	1.501	1.191
231688_at	---	Transcribed locus	1.937	1.191
205900_at	KRT1	keratin 1 (epidermolytic hyperkeratosis)	2.408	1.191
210672_s_at	C16orf35	chromosome 16 open reading frame 35	2.679	1.191
201250_s_at	SLC2A1	solute carrier family 2 (facilitated glucose transporter), member 1	1.822	1.191
202976_s_at	RHOBTB3	Rho-related BTB domain containing 3	1.555	1.191
210586_x_at	RHD	Rh blood group, D antigen	1.962	1.191
211696_x_at	HBB	hemoglobin, beta /// hemoglobin, beta	1.731	1.191
201644_at	TSTA3	tissue specific transplantation antigen P35B	1.504	1.191
203559_s_at	ABP1	amiloride binding protein 1 (amine oxidase (copper-containing))	2.473	1.191
240948_at	TLR4	Toll-like receptor 4	1.508	1.191
220336_s_at	GP6	glycoprotein VI (platelet)	1.606	1.191
238376_at	DEXI	Dexamethasone-induced transcript	1.546	1.191
223754_at	MGC13057	hypothetical protein MGC13057	1.771	1.191
205346_at	ST3GAL2	ST3 beta-galactoside alpha-2,3-sialyltransferase 2	1.578	1.191
230585_at	---	Transcribed locus	1.843	1.191
214575_s_at	AZU1	azurocidin 1 (cationic antimicrobial protein 37)	2.209	1.191
244519_at	ASXL1	additional sex combs like 1 (Drosophila)	1.529	1.191
205819_at	MARCO	macrophage receptor with collagenous structure /// macrophage receptor with collagenous structure	2.106	1.191
222816_s_at	ZCCHC2	zinc finger, CCHC domain containing 2	1.512	1.191
209457_at	DUSP5	dual specificity phosphatase 5	1.600	1.191
227522_at	CMBL	carboxymethylenebutenolidase homolog (Pseudomonas)	1.597	1.191
243754_at	---	Transcribed locus	1.599	1.191
233596_at	UIMC1	Ubiquitin interaction motif containing 1	1.556	1.191
203052_at	C2	complement component 2	1.680	1.191

## Supplementary table 1

## Upregulated transcripts

1570507_at	CTNNB1	catenin (cadherin-associated protein), beta 1, 88kDa	2.343	1.191
48106_at	FLJ20489	hypothetical protein FLJ20489	1.523	1.191
1557852_at	PHC2	Polyhomeotic homolog 2 (Drosophila)	1.507	1.191
211555_s_at	GUCY1B3	guanylate cyclase 1, soluble, beta 3	1.916	1.191
215886_x_at	USP12	ubiquitin specific peptidase 12	1.710	1.191
228802_at	RBPMS2	RNA binding protein with multiple splicing 2	2.131	1.191
231858_x_at	DKFZp761E198	DKFZp761E198 protein	1.759	1.191
241620_at	SMCHD1	structural maintenance of chromosomes flexible hinge domain containing 1	1.515	1.191
206110_at	HIST1H3H	histone cluster 1, H3h	1.758	1.191
240393_at	AES	Amino-terminal enhancer of split	1.556	1.191
202975_s_at	RHOBTB3	Rho-related BTB domain containing 3	1.604	1.191
235744_at	PPTC7	PTC7 protein phosphatase homolog (S. cerevisiae)	1.793	1.191
206632_s_at	APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B	2.593	1.191
221529_s_at	PLVAP	plasmalemma vesicle associated protein	4.296	1.191
208601_s_at	TUBB1	tubulin, beta 1 /// tubulin, beta 1	1.525	1.191
200923_at	LGALS3BP	lectin, galactoside-binding, soluble, 3 binding protein	1.613	1.191
214483_s_at	ARFIP1	ADP-ribosylation factor interacting protein 1 (arfaptin 1)	2.570	1.191
236495_at	PBEF1	Pre-B-cell colony enhancing factor 1	1.500	1.191
214639_s_at	HOXA1	homeobox A1	1.842	1.191
244875_at	CXYorf2	Chromosome X and Y open reading frame 2	2.017	1.191
211573_x_at	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)	2.086	1.191
215819_s_at	RHCE /// RHD	Rh blood group, CcEe antigens /// Rh blood group, D antigen	1.562	1.191
207329_at	MMP8	matrix metalloproteinase 8 (neutrophil collagenase)	1.570	1.191
1569490_at	FNDC3B	Fibronectin type III domain containing 3B	1.514	1.191
236422_at	FLJ22662	Hypothetical protein FLJ22662	1.503	1.191
225207_at	PDK4	pyruvate dehydrogenase kinase, isozyme 4	1.513	1.191
231982_at	LOC284422	similar to HSPC323	1.892	1.191
207550_at	MPL	myeloproliferative leukemia virus oncogene	2.106	1.191
201551_s_at	LAMP1	lysosomal-associated membrane protein 1	3.920	1.191
224393_s_at	CECR6	cat eye syndrome chromosome region, candidate 6 /// cat eye syndrome chromosome region, candidate 6	1.510	1.191
225418_at	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B)	3.117	1.191
212811_x_at	SLC1A4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	1.619	1.191
243256_at	MKNK1	MAP kinase interacting serine/threonine kinase 1	1.529	1.191
221102_s_at	TRPM6	transient receptor potential cation channel, subfamily M, member 6	1.602	1.191
236013_at	CACNA1E	calcium channel, voltage-dependent, alpha 1E subunit	2.096	1.191
203691_at	PI3	peptidase inhibitor 3, skin-derived (SKALP) /// peptidase inhibitor 3, skin-derived (SKALP)	2.027	1.191
201801_s_at	SLC29A1	solute carrier family 29 (nucleoside transporters), member 1	1.619	1.191

220335_x_at	FLJ21736	esterase 31	1.521	1.191
205960_at	PDK4	pyruvate dehydrogenase kinase, isozyme 4	1.552	1.191
237156_at	IQSEC1	IQ motif and Sec7 domain 1	1.526	1.191
1560397_s_at	KLHL6	kelch-like 6 (Drosophila)	1.537	1.191
211517_s_at	IL5RA	interleukin 5 receptor, alpha	1.989	1.191
236390_at	C20orf94	chromosome 20 open reading frame 94	1.534	1.191
211207_s_at	ACSL6	acyl-CoA synthetase long-chain family member 6	1.742	1.191
234068_s_at	AP2A1	adaptor-related protein complex 2, alpha 1 subunit	1.578	1.191
1565484_x_at	EGFR	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)	1.753	1.191
227717_at	FLJ41603	FLJ41603 protein	1.667	1.191
219386_s_at	SLAMF8	SLAM family member 8	1.735	1.191
1561880_a_at	SIGLECP16	sialic acid binding Ig-like lectin, pseudogene 16	1.563	1.191
1554918_a_at	ABCC4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	2.058	1.191
211657_at	CEACAM6	carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen) /// carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)	2.637	1.191
227683_x_at	---	---	1.673	1.191
205692_s_at	CD38	CD38 molecule	1.709	1.191
212912_at	RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	1.586	1.191
222139_at	KIAA1466	KIAA1466 gene	1.739	1.191
1562955_at	WDFY1	WD repeat and FYVE domain containing 1	1.703	1.191
205166_at	CAPN5	calpain 5	1.576	1.191
238405_at	GAB2	GRB2-associated binding protein 2	1.624	1.191
222154_s_at	DNAPTP6	DNA polymerase-transactivated protein 6	1.758	1.191
242582_at	---	Transcribed locus	1.524	1.191
210173_at	PTPRJ	protein tyrosine phosphatase, receptor type, J	1.580	1.191
202729_s_at	LTBP1	latent transforming growth factor beta binding protein 1	1.563	1.191
228216_at	---	Transcribed locus	2.298	1.191
1558322_a_at	PAQR9	progesterin and adipoQ receptor family member IX	1.548	1.191
1562777_at	---	CDNA FLJ40180 fis, clone TEST12018035	1.529	1.191
211806_s_at	KCNJ15	potassium inwardly-rectifying channel, subfamily J, member 15	1.533	1.191
231078_at	---	---	1.568	1.191
209163_at	CYB561	cytochrome b-561	1.509	1.191
231381_at	HESRG	embryonic stem cell related protein	2.081	1.191
228737_at	C20orf100	chromosome 20 open reading frame 100	1.662	1.191
225024_at	C20orf77	chromosome 20 open reading frame 77	1.687	1.191
1567101_at	DACH1	Dachshund homolog 1 (Drosophila)	1.560	1.191
202290_at	PDAP1	PDGFA associated protein 1	1.564	1.191
203757_s_at	CEACAM6	carcinoembryonic antigen-related cell adhesion molecule 6 (non-specific cross reacting antigen)	1.930	1.191
239872_at	OSBP2	Oxysterol binding protein 2	4.384	1.191
223635_s_at	SSBP3 /// IL17RB	single stranded DNA binding protein 3 /// interleukin 17 receptor B	1.513	1.191
221484_at	B4GALT5	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5	1.651	1.191
239464_at	---	---	1.690	1.191

## Supplementary table 1

## Upregulated transcripts

226686_at	ZCD2	zinc finger, CDGSH-type domain 2	1.588	1.191
205569_at	LAMP3	lysosomal-associated membrane protein 3	1.664	1.191
202199_s_at	SRPK1	SFRS protein kinase 1	1.592	1.191
41469_at	PI3	peptidase inhibitor 3, skin-derived (SKALP)	2.007	1.191
215236_s_at	PICALM	phosphatidylinositol binding clathrin assembly protein	1.850	1.191
242842_at	---	Transcribed locus	1.631	1.191
206877_at	MXD1	MAX dimerization protein 1	2.477	1.191
204625_s_at	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	2.267	1.191
219580_s_at	TMC5	transmembrane channel-like 5	3.794	1.191
240055_at	NANOG	Nanog homeobox	1.848	1.191
214453_s_at	IFI44	interferon-induced protein 44	1.694	1.191
240389_at	TRPM6	Transient receptor potential cation channel, subfamily M, member 6	1.538	1.191
226599_at	KIAA1727	KIAA1727 protein	1.734	1.191
212570_at	ENDOD1	endonuclease domain containing 1	1.648	1.191
212183_at	NUDT4	nudix (nucleoside diphosphate linked moiety X)-type motif 4	1.519	1.191
1557455_s_at	MOSPD1	motile sperm domain containing 1	1.501	1.191
224098_at	---	---	1.640	1.191
235059_at	RAB12	RAB12, member RAS oncogene family	6.726	1.191
212418_at	ELF1	E74-like factor 1 (ets domain transcription factor)	1.559	1.191
1559028_at	C21orf15	chromosome 21 open reading frame 15	2.070	1.191
238478_at	BNC2	basonuclin 2	1.663	1.191
214502_at	HIST1H2BJ	histone cluster 1, H2bj	1.555	1.191
210139_s_at	PMP22	peripheral myelin protein 22	1.738	1.191
202767_at	ACP2	acid phosphatase 2, lysosomal	1.510	1.191
206851_at	RNASE3	ribonuclease, RNase A family, 3 (eosinophil cationic protein)	3.599	1.191
213258_at	TFPI	tissue factor pathway inhibitor (lipoprotein-associated coagulation inhibitor)	1.545	1.191
215350_at	SYNE1	spectrin repeat containing, nuclear envelope 1	1.666	1.191
207766_at	CDKL1	cyclin-dependent kinase-like 1 (CDC2-related kinase)	1.504	1.191
223767_at	GPR84	G protein-coupled receptor 84	1.504	1.191
214059_at	IFI44	Interferon-induced protein 44	1.953	1.191
222730_s_at	ZDHHC2	zinc finger, DHHC-type containing 2	1.586	1.191
237071_at	---	Transcribed locus	1.654	1.191
208459_s_at	XPO7	exportin 7	1.529	1.191
209785_s_at	PLA2G4C	phospholipase A2, group IVC (cytosolic, calcium-independent)	1.561	1.191
1566964_at	---	---	2.203	1.191
233024_at	RAB18	RAB18, member RAS oncogene family	1.572	1.191
209691_s_at	DOK4	docking protein 4	1.504	1.191
1568377_x_at	DEFB124	defensin, beta 124	1.661	1.191
214657_s_at	TncRNA	Trophoblast-derived noncoding RNA	3.259	1.191
236094_at	TCF7L2	Transcription factor 7-like 2 (T-cell specific, HMG-box)	1.791	1.191
213524_s_at	G0S2	G0/G1switch 2	1.837	1.191
240671_at	GYPC	Glycophorin C (Gerbich blood group)	1.577	1.191

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206361_at	GPR44	G protein-coupled receptor 44	1.609	1.191
205471_s_at	DACH1	dachshund homolog 1 (Drosophila)	1.621	1.191
230720_at	RNF182	ring finger protein 182	5.124	1.191
216591_s_at	SDHC /// LOC642502	succinate dehydrogenase complex, subunit C, integral membrane protein, 15kDa /// similar to succinate dehydrogenase complex, subunit C isoform 3 precursor	1.732	2.863
209369_at	ANXA3	annexin A3	1.850	2.863
205268_s_at	ADD2	adducin 2 (beta)	1.963	2.863
210506_at	FUT7	fucosyltransferase 7 (alpha (1,3) fucosyltransferase)	1.773	2.863
1557034_s_at	FAM19A3 /// FAM39DP /// FAM39B /// FLJ00038 /// CXYorf1 /// LOC653635 /// LOC727741	family with sequence similarity 19 (chemokine (C-C motif)-like), member A3 /// family with sequence similarity 39, member D pseudogene /// family with sequence similarity 39, member B /// CXYorf1-related protein /// chromosomes X and Y open reading frame	2.780	2.863
206768_at	RPL3L	ribosomal protein L3-like	1.662	2.863
204415_at	IFI6	interferon, alpha-inducible protein 6	1.832	2.863
201329_s_at	ETS2	v-ets erythroblastosis virus E26 oncogene homolog 2 (avian)	1.672	2.863
228835_at	---	CDNA FLJ33090 fis, clone TRACH2000559	2.100	2.863
215990_s_at	BCL6	B-cell CLL/lymphoma 6 (zinc finger protein 51)	1.884	2.863
230425_at	EPHB1	EPH receptor B1	1.514	2.863
212624_s_at	CHN1	chimerin (chimaerin) 1	1.544	2.863
203643_at	ERF	Ets2 repressor factor	1.644	2.863
241640_at	---	---	1.793	2.863
209773_s_at	RRM2	ribonucleotide reductase M2 polypeptide	2.066	2.863
243611_at	MICALCL	MICAL C-terminal like	1.580	2.863
37117_at	ARHGAP8 /// LOC553158	Rho GTPase activating protein 8 /// PRR5-ARHGAP8 fusion	1.610	2.863
206937_at	SPTA1	spectrin, alpha, erythrocytic 1 (elliptocytosis 2)	2.172	2.863
209372_x_at	TUBB2A /// TUBB2B	tubulin, beta 2A /// tubulin, beta 2B	1.634	2.863
232079_s_at	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B)	2.647	2.863
1553920_at	C9orf84	chromosome 9 open reading frame 84	1.556	2.863
1554835_a_at	B3GNT5	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5	1.644	2.863
1569617_at	OSBP2	Oxysterol binding protein 2	2.025	2.863
215832_x_at	PICALM	phosphatidylinositol binding clathrin assembly protein	1.643	2.863
209735_at	ABCG2	ATP-binding cassette, sub-family G (WHITE), member 2	3.268	2.863
234199_at	SLC24A3	Solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	1.602	2.863
228568_at	Gcom1	GRINL1A combined protein	1.618	2.863
230958_s_at	---	Transcribed locus	1.646	2.863
224412_s_at	TRPM6	transient receptor potential cation channel, subfamily M, member 6 /// transient receptor potential cation channel, subfamily M, member 6	1.738	2.863

213537_at	HLA-DPA1	major histocompatibility complex, class II, DP alpha 1	1.736	2.863
1562031_at	JAK2	Janus kinase 2 (a protein tyrosine kinase)	1.562	2.863
210549_s_at	CCL23	chemokine (C-C motif) ligand 23	1.971	2.863
230574_at	SPIRE2	Spire homolog 2 (Drosophila)	1.594	2.863
232078_at	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B)	2.913	2.863
1552582_at	ABCC13	ATP-binding cassette, sub-family C (CFTR/MRP), member 13	2.069	2.863
207091_at	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	1.513	2.863
226173_at	OATL1	ornithine aminotransferase-like 1	1.540	2.863
1559117_at	---	CDNA FLJ34664 fis, clone LIVER2000592	2.257	2.863
244144_at	SYNE1	spectrin repeat containing, nuclear envelope 1	1.598	2.863
205336_at	PVALB	parvalbumin	1.606	2.863
235818_at	VSTM1	V-set and transmembrane domain containing 1	1.573	2.863
216627_s_at	B4GALT1	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1	1.989	2.863
	LOC340089 ///			
	LOC441081 ///			
	LOC643367 ///			
	LOC728452 ///	similar to nuclear pore membrane protein 121 ///		
	LOC728488 ///	similar to nuclear pore membrane protein 121 ///		
1558011_at	LOC728499 ///	containing SMA4; hypothetical protein LOC153561 ///	1.557	2.863
	LOC728506 ///	similar to nuclear pore membrane protein 121 ///		
	LOC728526 ///	similar to Nuclear envelope pore membrane protein		
	LOC728540 ///			
	LOC728575 ///			
	LOC730392			
39729_at	PRDX2	peroxiredoxin 2	1.505	2.863
1557446_x_at	TREML3	triggering receptor expressed on myeloid cells-like 3	1.514	2.863
224399_at	PDCD1LG2	programmed cell death 1 ligand 2 /// programmed cell death 1 ligand 2	1.524	2.863
235221_at	CBLN3	cerebellin 3 precursor	1.506	2.863
233036_at	BNC2	Basonuclin 2	2.297	2.863
204141_at	TUBB2A	tubulin, beta 2A	1.957	2.863
207993_s_at	CHP	calcium binding protein P22	1.561	2.863
223349_s_at	BOK	BCL2-related ovarian killer	1.687	2.863
212998_x_at	HLA-DQB1	major histocompatibility complex, class II, DQ beta 1 /// major histocompatibility complex, class II, DQ beta 1	1.527	2.863
238309_x_at	LOC441119	Hypothetical LOC441119	1.528	2.863
203948_s_at	MPO	myeloperoxidase	1.717	2.863
204682_at	LTBP2	latent transforming growth factor beta binding protein 2	2.006	2.863
239249_at	BCL6	B-cell CLL/lymphoma 6 (zinc finger protein 51)	2.445	2.863
230315_at	KLF3	Kruppel-like factor 3 (basic)	1.818	2.863
237056_at	INSC	inscuteable homolog (Drosophila)	1.699	2.863
238170_at	CEP63	Centrosomal protein 63kDa	1.817	2.863
203961_at	NEBL	nebulin	2.314	2.863
235456_at	---	CDNA clone IMAGE:4819084	1.745	2.863
203913_s_at	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)	1.556	2.863

## Supplementary table 1

## Upregulated transcripts

226806_s_at	---	---	1.659	2.863
228910_at	---	Transcribed locus	2.168	2.863
209728_at	HLA-DRB4	major histocompatibility complex, class II, DR beta 4 /// major histocompatibility complex, class II, DR beta 4	2.485	2.863
204638_at	ACP5	acid phosphatase 5, tartrate resistant	1.775	2.863
226485_at	---	CDNA FLJ37658 fis, clone BRHIP2010593	1.624	2.863
235250_at	FLCN	folliculin	2.966	2.863
231426_at	C9orf71	Chromosome 9 open reading frame 71	1.561	2.863
225762_x_at	LOC284801	hypothetical protein LOC284801	1.600	2.863
220058_at	C17orf39	chromosome 17 open reading frame 39	1.549	2.863
220785_at	UTS2	urotensin 2	1.565	2.863
208476_s_at	FRMD4A	FERM domain containing 4A	3.038	2.863
205483_s_at	ISG15	ISG15 ubiquitin-like modifier	1.726	2.863
230422_at	FPRL2	formyl peptide receptor-like 2	1.689	2.863
1556842_at	LOC286087	hypothetical protein LOC286087	1.802	2.863
232232_s_at	SLC22A16	solute carrier family 22 (organic cation transporter), member 16	1.789	2.863
219607_s_at	MS4A4A	membrane-spanning 4-domains, subfamily A, member 4	1.507	2.863
201222_s_at	RAD23B	RAD23 homolog B (S. cerevisiae)	1.503	2.863
213789_at	---	---	1.618	2.863
203890_s_at	DAPK3	death-associated protein kinase 3	1.771	2.863
240358_at	DENND3	DENN/MADD domain containing 3	1.624	2.863
230354_at	---	Transcribed locus	1.511	2.863
219271_at	GALNT14	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N- acetylgalactosaminyltransferase 14 (GalNAc-T14)	1.502	2.863
204720_s_at	DNAJC6	DnaJ (Hsp40) homolog, subfamily C, member 6	1.578	2.863
209823_x_at	HLA-DQB1	major histocompatibility complex, class II, DQ beta 1	1.536	2.863
212482_at	RMND5A	required for meiotic nuclear division 5 homolog A (S. cerevisiae)	1.500	2.863
207328_at	ALOX15	arachidonate 15-lipoxygenase	1.689	2.863
202856_s_at	SLC16A3	solute carrier family 16, member 3 (monocarboxylic acid transporter 4)	1.596	2.863
201109_s_at	THBS1	thrombospondin 1	1.527	2.863
202609_at	EPS8	epidermal growth factor receptor pathway substrate 8	1.616	2.863
233587_s_at	SIPA1L2	signal-induced proliferation-associated 1 like 2	1.706	2.863
1569955_at	---	Homo sapiens, clone IMAGE:4097490, mRNA	1.513	2.863
1558504_at	FLJ14186	Hypothetical gene supported by AK024248; AL137733	1.507	2.863
220231_at	C7orf16	chromosome 7 open reading frame 16	1.579	2.863
205591_at	OLFM1	olfactomedin 1	1.727	2.863
209616_s_at	CES1	carboxylesterase 1 (monocyte/macrophage serine esterase 1)	1.723	2.863
230092_at	---	---	1.613	2.863
218733_at	MSL2L1	male-specific lethal 2-like 1 (Drosophila)	1.557	2.863
213515_x_at	HBG1 /// HBG2	hemoglobin, gamma A /// hemoglobin, gamma A /// hemoglobin, gamma G /// hemoglobin, gamma G	1.554	2.863

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204848_x_at	HBG1 /// HBG2	hemoglobin, gamma A /// hemoglobin, gamma A /// hemoglobin, gamma G /// hemoglobin, gamma G	1.531	2.863
238320_at	TncRNA	trophoblast-derived noncoding RNA	1.516	2.863
220784_s_at	UTS2	urotensin 2	4.125	2.863
225056_at	SIPA1L2	signal-induced proliferation-associated 1 like 2	1.505	2.863
224568_x_at	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA)	2.628	2.863
243349_at	KIAA1324	KIAA1324	2.132	2.863
231886_at	DKFZP434B20 16	similar to hypothetical protein LOC284701	1.564	2.863
231768_at	USF1	upstream transcription factor 1	2.396	2.863
204419_x_at	HBG1 /// HBG2	hemoglobin, gamma A /// hemoglobin, gamma A /// hemoglobin, gamma G /// hemoglobin, gamma G	1.560	2.863
205654_at	C4BPA	complement component 4 binding protein, alpha	2.756	2.863
211136_s_at	CLPTM1	cleft lip and palate associated transmembrane protein 1	1.628	2.863
232568_at	MGC24103	hypothetical protein MGC24103	1.665	2.863
234366_x_at	IGL@	Immunoglobulin lambda locus	1.641	2.863