

**Table S1** DEGs in mRNA profiles with FEN1 silenced versus control MCF7 breast cancer cells

probeSet	Fold change	Regulation	Gene Symbol
11743856_a_at	-1.6997063	down	CTHRC1
11758358_x_at	-1.7958246	down	SLC9A4
11719789_x_at	1.5218512	up	TUBB2A
11755202_a_at	1.8579235	up	VTCN1
11734124_a_at	1.6881026	up	FSTL4
11752826_a_at	1.5353385	up	RORC
11763901_s_at	1.5865077	up	SNORA63
11749929_x_at	1.5514666	up	PGPEP1
11736024_at	-1.5449198	down	MED28
11717061_a_at	-1.6919817	down	PPP1R1B
11745290_a_at	-1.5170231	down	PHTF1
11722571_at	-1.5052588	down	CCNA2
11725426_a_at	-1.7164474	down	RAB27A
11761859_a_at	-1.6736869	down	AUP1
11761735_a_at	-1.5115865	down	RXRΒ
11759603_at	-1.5184668	down	BCL2L13
11762610_at	-1.5178145	down	YIF1B
11742542_s_at	-1.5679233	down	OR1S2
11742542_s_at	-1.5679233	down	OR1S1
11730818_a_at	-2.0659351	down	CTDSPL2
11722870_at	-2.2668421	down	RAD1
11763901_s_at	1.5865077	up	SNORA81
11733765_at	-1.77975	down	IFNB1
11731010_x_at	-1.7451181	down	WDR89
11718395_s_at	1.5289985	up	JUN
11736893_a_at	1.6100576	up	C3orf67
11720238_at	-1.5003693	down	MAPK9
11729910_at	-1.7879158	down	DNAH11
11746142_a_at	1.6743624	up	ZNF611
11728519_a_at	1.5750706	up	ZNF79
11725912_a_at	1.7855595	up	ERBB4
11759311_a_at	1.5527245	up	IGFBPL1
11729454_x_at	-1.514477	down	CYP2B6
11752655_at	1.8229395	up	SERPINA13
11729169_a_at	1.9863935	up	DUSP10
11762901_at	1.5711468	up	C7orf55

11757086_s_at	-1.6338632	down	C17orf109
11762669_at	-1.8316946	down	MTIF3
11729345_a_at	-1.556195	down	ZNF513
11716185_a_at	1.5477759	up	ALCAM
11723060_at	1.5348724	up	RILPL2
11724691_at	1.7075255	up	RIBC2
11744445_a_at	-1.5115037	down	DUSP14
11744972_a_at	-1.6110907	down	MYO15A
11724399_a_at	-1.6495594	down	DDX60L
11719818_at	1.5865077	up	PIP
11723836_a_at	1.6276922	up	SPNS2
11730681_at	1.5174594	up	PPAPDC1B
11718152_a_at	1.5334653	up	PPFIBP2
11737353_a_at	-1.5029784	down	CDC20B
11730493_a_at	-1.5564383	down	KCNK2
11739789_a_at	-1.9680704	down	GCFC2
11736630_at	1.5484738	up	BTBD17
11715987_a_at	-1.6284701	down	GH1
11723975_x_at	-1.8165959	down	APOL3
11724879_at	1.6297055	up	ZNF217
11744434_a_at	-1.5037113	down	PARP9
11740925_a_at	1.573273	up	FAM151B
11740597_a_at	1.6284698	up	FAM161B
11744630_a_at	-1.5794997	down	NXPE3
11724762_a_at	2.1152382	up	DEPTOR
11753942_a_at	1.5205561	up	UCA1
11745376_a_at	-1.6616719	down	APOL6
11759860_at	-1.7960498	down	BACH1
11748034_a_at	2.2706246	up	CMAHP
11752557_a_at	1.6600755	up	CREBRF
11746044_a_at	1.6295907	up	ELF2
11757148_at	2.2010362	up	SNORA21
11724703_a_at	1.6207314	up	ELF5
11751548_a_at	1.5421206	up	C10orf10
11746618_a_at	1.5186651	up	RASSF8
11733283_a_at	-1.5246918	down	ZNF673
11743437_a_at	-1.5741671	down	DEM1

11718941_a_at	-1.6145281	down	LSM14B
11729459_x_at	2.1780386	up	BNIPL
11719844_at	-1.5203722	down	SMAP2
11721476_a_at	1.5930574	up	AP1S1
11721349_s_at	-1.6565567	down	USP18
11730495_s_at	-1.5617357	down	TYR
11752106_x_at	1.5223	up	CEACAM5
11739952_a_at	1.6284698	up	GFOD1
11723491_a_at	1.6295227	up	ARHGEF3
11717125_at	1.548569	up	SH3PXD2A
11736915_at	1.6055179	up	HIST1H1D
11750159_a_at	-2.0244331	down	BATF2
11735184_at	-1.5870059	down	EXOSC6
11741732_a_at	-1.7115923	down	ANP32E
11751089_a_at	-1.5804669	down	GTF2H4
11743188_a_at	1.5163038	up	KIAA1430
11736956_a_at	-2.193032	down	ZNF687
11756515_s_at	-1.7682297	down	EXOSC1
11741958_a_at	1.5039828	up	IL6R
11731152_s_at	-1.5414933	down	MTRR
11747171_a_at	1.5150193	up	MXD4
11737896_s_at	1.533185	up	TAF13
11727294_s_at	-1.5458648	down	ALG10B
11736152_a_at	1.80477	up	XPR1
11763901_s_at	1.5865077	up	EIF4A2
11732875_s_at	1.6415458	up	GAGE8
11762831_a_at	-1.7879152	down	TCHP
11752355_x_at	1.5184969	up	KIAA1217
11751706_a_at	-2.9354703	down	CLN6
11741878_a_at	-1.5732288	down	PML
11731669_at	-1.5578055	down	GPR65
11725412_s_at	-1.5380977	down	TRIM14
11740131_at	-2.239103	down	KANSL1L
11735452_at	1.5180753	up	NHLRC1
11730556_s_at	-1.6752697	down	TRIM6-TRIM34
11718964_at	1.5783736	up	NUFIP2
11719024_at	1.6125804	up	ZNF652

11738822_at	-1.5847695	down	OR9Q1
11721233_a_at	1.528376	up	ZNF75D
11740998_a_at	1.776621	up	DGKA
11752614_a_at	1.5602055	up	NUP214
11750700_a_at	-1.6967719	down	ACSL1
11762319_at	-1.7020565	down	MPDU1
11718792_a_at	1.6464344	up	EXOC4
11722420_a_at	1.6261882	up	PPP3CC
11761892_at	-1.5022238	down	LINC00334
11756514_a_at	1.5425503	up	TEKT5
11736105_at	1.5310352	up	ZNF750
11760160_at	-1.5827502	down	USP36
11747995_x_at	1.569858	up	TBC1D1
11739227_a_at	-1.8985628	down	FBXW11
11758312_x_at	1.5214931	up	TBC1D3
11751388_a_at	-3.4580607	down	FEN1
11763166_a_at	-1.6106652	down	MARS
11730357_at	1.8881047	up	KCNE4
11763226_x_at	1.5846983	up	IL8
11739985_a_at	1.5939617	up	AMACR
11715601_a_at	1.7243503	up	PPP1R11
11727256_a_at	-1.5657091	down	ZNF20
11750167_a_at	1.5824155	up	CAPN2
11751345_at	-1.5377406	down	LOC100289637
11722370_a_at	-2.8449247	down	TRIM22
11749217_a_at	1.6397165	up	TMPRSS4
11735633_a_at	1.5139756	up	RPS6KA5
11743911_a_at	-1.5697218	down	PLSCR1
11742811_at	1.8445395	up	RPS6KA3
11753900_x_at	-1.5936435	down	MT2A
11718217_at	1.6063756	up	RAB22A
11744131_a_at	1.5374482	up	SECISBP2L
11720625_a_at	-1.5944444	down	MAT2B
11733450_a_at	1.7828236	up	SLFN11
11738387_s_at	-1.6611612	down	IL28B
11718766_at	1.7928658	up	PRSS23
11761701_at	-1.5917621	down	AP4B1

11738387_s_at	-1.6611612	down	IL28A
11753549_a_at	-1.5002522	down	CMTM3
11754780_s_at	-1.5441613	down	ZNF767
11732426_a_at	2.0448902	up	GNA14
11721136_a_at	-2.0686736	down	CMC2
11734359_a_at	-1.7831321	down	RNASEL
11717792_a_at	-1.6400951	down	FAM219A
11750028_a_at	-1.6317904	down	ATP6AP2
11760122_at	-1.502225	down	RBM4
11749969_a_at	1.541634	up	TSPAN5
11724727_a_at	1.5159038	up	EIF5
11734203_at	-1.6215488	down	HBS1L
11731284_a_at	1.8523912	up	NR2E3
11732467_x_at	-1.6214824	down	CXCL11
11720298_at	-1.6095484	down	CXCL10
11755758_s_at	-1.6012666	down	NLRC5
11718859_a_at	1.545732	up	NUDCD3
11728180_s_at	-1.5033238	down	CHIC1
11758312_x_at	1.5214931	up	LOC100510707
11755485_a_at	1.667497	up	OPLAH
11734131_a_at	-1.6729615	down	SLC2A4
11763852_a_at	-1.7301892	down	ELOVL4
11734099_at	1.5606201	up	ZNF578
11725746_a_at	-1.55321	down	PITPNC1
11729564_s_at	-1.6470174	down	DND1
11721774_a_at	-1.8320252	down	ASPH
11747002_a_at	-1.6806082	down	CPA1
11717372_s_at	1.6968044	up	DNAJC3
11762449_x_at	-1.5235559	down	FNDC3B
11718166_a_at	1.5013912	up	RBL2
11735904_at	-2.009029	down	IL29
11716230_s_at	-1.9240552	down	TMEM167B
11737580_at	1.9197469	up	HLA-L
11716203_a_at	2.067123	up	MGP
11722000_a_at	1.5056927	up	HNRNPU
11760144_x_at	-1.5555491	down	HLA-F
11726673_s_at	1.5561081	up	ASCL1

11717885_a_at	-1.5584075	down	CCDC3
11715776_a_at	1.5629668	up	HSPB8
11761186_at	1.6662817	up	DDX31
11718722_at	2.0763202	up	PSCA
11738896_a_at	-1.504897	down	CD200R1L
11748379_a_at	1.5377399	up	SPATA13
11762420_at	-1.8730406	down	FBXO11
11723155_at	-1.5217113	down	CAMTA1
11759285_at	-1.6798565	down	TRAF2
11758627_s_at	-1.7611448	down	ASS1
11715670_a_at	-1.526163	down	IFITM1
11717218_a_at	1.6713617	up	STK10
11760678_at	1.8571134	up	PPIL2
11727514_at	1.5060053	up	TTC9
11732275_at	-2.4636617	down	CCL5
11743708_at	1.5032547	up	SYCP2
11758362_s_at	-1.6250266	down	EXTL2
11715436_at	2.4854238	up	TIMP3
11756072_s_at	-1.6168088	down	SAA2-SAA4
11731827_at	1.6081882	up	ZNF425
11760515_x_at	1.5441613	up	LIAS
11751629_a_at	-1.5365723	down	ASF1B
11723187_at	-1.7260405	down	FGD6
11738608_a_at	1.5425503	up	SYT10
11715846_at	-2.078534	down	EFEMP1
11758358_x_at	-1.7958246	down	LOC100653257
11759159_at	-1.55313	down	ABCB5
11733149_a_at	-1.9134078	down	DDX58
11743730_at	-1.5966345	down	TNFSF10
11725429_at	-2.4019895	down	LAMP3
11732875_s_at	1.6415458	up	GAGE13
11719394_a_at	1.6582521	up	FBXO32
11759287_at	1.8336581	up	DNAJB4
11738734_at	-1.55843	down	OR51A7
11763704_a_at	1.6418675	up	SAT1
11745918_a_at	1.5667238	up	USPL1
11751089_a_at	-1.5804669	down	VAR52

11742350_at	-1.5053624	down	OR52H1
11732414_a_at	-1.5794992	down	LRRRC8B
11726996_at	1.5729647	up	PINK1
11723234_at	-1.6982654	down	IFI44L
11732211_a_at	1.7599432	up	ZKSCAN1
11718933_s_at	2.1247606	up	SDCBP2
11735044_x_at	-2.1570575	down	TRIM5
11726286_a_at	-1.5056529	down	WARS
11718492_at	1.8807254	up	SLC1A2
11715287_at	-2.008598	down	C15orf40
11716939_a_at	4.6153255	up	HMOX1
11744236_a_at	-2.2392704	down	DDX60
11754043_a_at	1.5033376	up	RHOA
11757262_at	2.001951	up	SCARNA20
11732670_a_at	1.510727	up	CCDC107
11719171_a_at	1.6791202	up	AKR1C1
11732875_s_at	1.6415458	up	GAGE2A
11741642_s_at	1.7182286	up	ZFY
11741642_s_at	1.7182286	up	ZFX
11732875_s_at	1.6415458	up	GAGE2D
11732875_s_at	1.6415458	up	GAGE2E
11746779_a_at	-1.5228671	down	NCOA7
11732875_s_at	1.6415458	up	GAGE2B
11732875_s_at	1.6415458	up	GAGE2C
11724983_at	1.7069736	up	PCDH7
11741548_a_at	-1.5554962	down	MBNL1
11757747_s_at	-1.5072343	down	LPIN1
11737916_a_at	1.5561081	up	NEK11
11724776_at	1.5484667	up	PGM2L1
11723302_a_at	-1.515005	down	CHGA
11720709_x_at	1.5711502	up	KIF1B
11727871_at	-1.6536858	down	PPM1K
11753961_a_at	1.5845875	up	IGF2R
11757261_at	2.679615	up	SCARNA14
11736407_x_at	-1.6012063	down	XYLB
11718552_at	-1.6940216	down	OTUD4
11762431_at	-1.9333485	down	RSPH10B2

11725536_at	-1.5895256	down	ANKRD34A
11758026_s_at	-1.5436239	down	SLC35A5
11763493_at	1.5139756	up	KITLG
11722147_at	-1.613025	down	PAIP2B
11763134_at	-1.5457437	down	ZBTB8OS
11758358_x_at	-1.7958246	down	SHISA9
11751345_at	-1.5377406	down	LOC100288601
11739985_a_at	1.5939617	up	C1QTNF3
11731742_a_at	-1.5788311	down	TRDMT1
11737787_at	-1.6279392	down	SHISA5
11747630_a_at	-2.582074	down	XAF1
11730470_at	1.5768708	up	CALML5
11752395_a_at	1.5578084	up	NFATC1
11743763_at	-2.0596123	down	GTF3C3
11719021_at	-1.5147023	down	WDFY1
11728825_at	-1.5434579	down	TRNP1
11724134_a_at	1.5354971	up	SLC12A2
11763653_at	-1.6295229	down	TMC5
11763528_s_at	1.6420163	up	SLC12A4
11723819_at	1.5252402	up	PM20D2
11724688_a_at	-1.5427895	down	SAMD11
11744955_a_at	1.6282454	up	ANXA1
11739149_a_at	-1.870242	down	SAMHD1
11754485_x_at	1.5430986	up	SERHL
11722143_at	-1.7292973	down	TRANK1
11759424_at	-1.5158672	down	ANXA5
11741097_a_at	1.5271657	up	WBP1L
11726756_a_at	-1.6165959	down	CDC25A
11726013_a_at	-1.6338665	down	AJUBA
11731407_x_at	-2.0400043	down	IFIT3
11721873_at	-2.5552428	down	IFIT2
11725531_a_at	1.6854856	up	DSC2
11716663_a_at	2.2019424	up	GDF15
11751267_a_at	-1.6207311	down	ADAMDEC1
11723025_at	-1.5331683	down	FAM26F
11734646_a_at	1.5799824	up	TBL1Y
11717046_at	1.5150048	up	C11orf95



11755381_s_at	-1.5485424	down	PLGLA
11748907_a_at	-1.8995318	down	RARRES3
11726823_at	-1.6346554	down	ADORA3
11741375_a_at	-1.8004568	down	CADM1
11738061_a_at	-1.7727414	down	S100A7
11717971_s_at	-1.504552	down	FAM20B
11743632_a_at	1.6279392	up	PDLIM5
11759969_at	-1.567178	down	STAT5B
11729829_at	1.5072346	up	FAM110B
11721325_a_at	1.5155787	up	GCAT
11718933_s_at	2.1247606	up	FKBP1A-SDCBP2
11749609_s_at	-1.9774013	down	ZNF321P
11732418_at	1.6645896	up	FAM105A
11755739_a_at	-1.5163723	down	SLC35A1
11731756_at	-1.6712081	down	KLHDC7B
11731751_at	-2.0244453	down	RNF213
11756585_a_at	2.0022223	up	AQP3
11724435_a_at	1.6116029	up	TPK1
11715475_a_at	1.5115865	up	DDX17
11756065_x_at	1.622265	up	APOD
11748649_a_at	1.5163032	up	VPS13C
11753291_a_at	1.6002423	up	CD44
11727380_s_at	1.6368111	up	H2AFV
11745673_a_at	1.5382268	up	CEP290
11757018_a_at	-1.5765573	down	COL12A1
11729696_at	-1.5136784	down	C2orf69
11725844_at	-1.5895256	down	SREK1IP1
11720532_s_at	-1.5150048	down	C9orf72
11728908_at	-1.6425488	down	B3GALTL
11758358_x_at	-1.7958246	down	HERC2P4
11761176_at	1.5794997	up	POLL
11757977_s_at	1.7342886	up	SLC12A7
11755978_a_at	-1.5901604	down	GPR139
11747098_a_at	1.5120603	up	ATRNL1
11733425_at	-1.7840658	down	PMCH
11735340_a_at	1.5659783	up	TANC1
11760254_at	-2.2728531	down	IFI44

11759983_at	1.5484656	up	VTI1A
11719122_at	-2.0382485	down	DPCD
11743071_a_at	1.7182286	up	LPAR6
11742082_a_at	-1.8126485	down	LCTL
11740114_a_at	1.508913	up	CGN
11754404_a_at	-1.6384263	down	PARP14
11717582_a_at	2.200323	up	RGCC
11724197_at	-1.8377799	down	STC1
11738070_at	-1.7303679	down	HAS3
11734118_a_at	-1.5854865	down	BTN3A3
11751482_s_at	-1.7070782	down	BTN3A2
11739156_at	1.5218955	up	TMX4
11723699_s_at	-1.5923125	down	OAS3
11728318_at	-1.5066552	down	FAM122A
11757869_s_at	1.7715752	up	AKAP13
11719588_a_at	-1.5504394	down	OAS1
11740588_at	1.8670217	up	BDKRB2
11736135_at	-2.2997234	down	OAS2
11735549_at	-1.5794995	down	ASB15
11719491_a_at	-1.5019073	down	IFI35
11761371_at	-1.5096486	down	LOC100288974
11721046_a_at	1.5366892	up	SERINC2
11756346_a_at	1.5048964	up	FAM102B
11724128_a_at	1.7243507	up	FAM65C
11740385_x_at	-1.6458241	down	METTL20
11738398_a_at	-1.527669	down	LHX6
11735110_at	1.7109532	up	FBXO3
11735270_a_at	1.7763509	up	GCNT1
11749916_a_at	-1.5609139	down	AGBL2
11736223_a_at	1.5400368	up	IKZF5
11716094_a_at	1.5653361	up	KLF6
11759428_a_at	1.847737	up	KLF7
11735790_x_at	1.5460038	up	PTPN18
11733725_a_at	-1.6012888	down	CFB
11741492_x_at	-1.5732049	down	FAM111B
11732152_a_at	-1.6416047	down	AGBL5
11755739_a_at	-1.5163723	down	C6orf165

11731152_s_at	-1.5414933	down	LOC100288963
11735069_a_at	-1.534331	down	MYOZ3
11722290_a_at	1.5766139	up	ZBTB43
11756689_a_at	1.5479928	up	HN1L
11761907_at	-2.000634	down	NR1I3
11726364_x_at	-2.1203535	down	OASL
11733666_a_at	-1.553516	down	C14orf118
11727294_s_at	-1.5458648	down	ALG10
11723524_at	1.5538436	up	AGR3
11721805_at	1.5577254	up	KLF2
11745862_x_at	1.5153663	up	TCF12
11726523_s_at	1.5105537	up	ZFH3
11759733_a_at	2.0730584	up	FAM91A1
11721346_a_at	-1.5005612	down	MPEG1
11730510_at	1.6121413	up	EID2B
11762431_at	-1.9333485	down	RSPH10B
11749941_a_at	-1.8180891	down	FCRL6
11763901_s_at	1.5865077	up	MIR1248
11749551_a_at	1.5516154	up	RNGTT
11736667_a_at	1.5672898	up	PTER
11743537_a_at	-1.6190135	down	DNAJC18
11756072_s_at	-1.6168088	down	SAA2
11716127_a_at	1.5010756	up	BAG1
11756072_s_at	-1.6168088	down	SAA1
11728325_at	1.6391373	up	TTC30A
11756649_a_at	-1.5377262	down	SEH1L
11741874_x_at	1.8343076	up	SEPP1
11746710_a_at	1.5184673	up	DOCK10
11755207_a_at	-1.784256	down	NT5E
11758972_s_at	-1.5573337	down	ZNF354C
11755374_a_at	-1.5926452	down	HERC5
11726837_a_at	-1.5039828	down	SCAI
11738879_s_at	-1.6002032	down	PSG1
11743665_at	1.5120603	up	SPEN
11719641_at	-1.6025431	down	CDS1
11760265_at	-1.5485424	down	PIH1D2
11736246_a_at	-1.5273044	down	AMIGO2

11743843_a_at	1.5447664	up	DNAJC28
11738879_s_at	-1.6002032	down	PSG8
11748437_a_at	-1.5053464	down	SUSD4
11760356_at	-1.7369939	down	PMPCB
11759903_s_at	1.5208244	up	SDCCAG8
11718159_at	-1.5545962	down	NMI
11731673_at	-1.8829347	down	LCORL
11721711_at	-1.5555322	down	SHROOM3
11740387_at	-1.8528094	down	SHROOM4
11725444_at	-1.8800582	down	CCR1
11749609_s_at	-1.9774013	down	ZNF816-ZNF321P
11724118_a_at	-1.6428545	down	SAMD9L
11739338_at	-1.7075251	down	FAM46C
11758358_x_at	-1.7958246	down	LOC100652752
11761155_x_at	-1.6107235	down	DNALI1
11745908_a_at	1.5618565	up	KIAA0494
11721376_at	-1.8665177	down	BCL2
11747597_x_at	-1.6450691	down	CLEC2D
11756353_a_at	-1.6281167	down	CLVS1
11755381_s_at	-1.5485424	down	PLGLB2
11755381_s_at	-1.5485424	down	PLGLB1
11728377_x_at	-1.51824	down	NMU
11749184_a_at	1.6015323	up	DTNA
11749962_a_at	1.6818551	up	BCAS1
11733904_at	-1.5418	down	RRP15
11748674_x_at	1.5404018	up	AFF4
11732881_s_at	-1.528376	down	TBX1
11761339_s_at	-1.5218955	down	FAM115C
11758527_s_at	1.5247785	up	ITPR2
11755147_s_at	-1.5297607	down	STAT2
11743960_a_at	-2.1591318	down	SLC16A3
11757833_a_at	1.5003197	up	RAB31
11757626_x_at	-1.5485426	down	SLC16A4
11721540_a_at	1.5033367	up	MAPK13
11728497_s_at	1.593109	up	SVIL
11723854_at	-1.9397229	down	SAMD9
11730015_s_at	-1.7862935	down	NEUROD2

11722953_a_at	1.5645008	up	BIK
11759039_at	-1.5336275	down	SVIP
11759031_at	1.503131	up	ABCC2
11760976_a_at	-1.6035932	down	APBB1
11739985_a_at	1.5939617	up	C1QTNF3-AMACR
11760122_at	-1.502225	down	RBM14-RBM4
11744481_s_at	1.6383266	up	OPN3
11725890_s_at	1.591558	up	ABCC6
11750730_x_at	-1.6060029	down	SNCAIP
11763901_s_at	1.5865077	up	SNORD2
11732956_a_at	2.611227	up	TRGC2
11751345_at	-1.5377406	down	LOC653720
11730602_at	-1.5343305	down	APOBEC3F
11750916_a_at	1.5269173	up	FAM73A
11740498_at	-1.6798565	down	OCSTAMP
11731654_at	-1.7841289	down	ARL15
11761362_at	-1.7308421	down	RC3H2
11755962_a_at	-1.5890702	down	SLC25A28
11747171_a_at	1.5150193	up	MIR4800
11716167_a_at	-1.6644443	down	MX1
11726479_a_at	-3.7341619	down	MX2
11733446_at	-1.5313041	down	MMS22L
11751612_a_at	1.6898264	up	SOCS2
11717561_s_at	-1.5314788	down	DTX3L
11737146_a_at	-1.5072343	down	SOCS1
11736414_a_at	-1.5484738	down	MF12
11762200_a_at	1.5667523	up	QDPR
11746502_s_at	1.5352923	up	ZNF814
11749609_s_at	-1.9774013	down	ZNF816
11747419_a_at	-1.5856112	down	MOGS
11722462_a_at	-1.5609142	down	TNKS2
11732875_s_at	1.6415458	up	GAGE1
11716753_x_at	-1.6816461	down	GNS
11724444_a_at	-2.3173835	down	ASB9
11746470_a_at	1.5302902	up	MAP4K4
11723613_s_at	2.36594	up	SERHL2
11730556_s_at	-1.6752697	down	TRIM34

11724145_a_at	1.5210174	up	SLC37A1
11724594_at	1.9206458	up	HRASLS
11750561_a_at	1.968556	up	LYST
11733703_x_at	-1.5005615	down	SKIDA1
11754943_s_at	-1.5890423	down	SLC25A35
11722618_a_at	1.52914	up	RIPK4
11718140_a_at	1.6861918	up	EMP3
11741911_a_at	-1.937068	down	GBP3
11726329_x_at	-2.4962826	down	GBP1
11758312_x_at	1.5214931	up	TBC1D3C
11761451_a_at	-1.608481	down	FRAS1
11734764_at	-1.5578084	down	FGFR1
11758312_x_at	1.5214931	up	TBC1D3F
11758312_x_at	1.5214931	up	TBC1D3G
11754249_at	-1.5159029	down	WHAMMP3
11754249_at	-1.5159029	down	WHAMMP2
11758312_x_at	1.5214931	up	TBC1D3H
11759188_at	-2.3330567	down	ADCYAP1R1
11734725_a_at	-1.56782	down	PNPT1
11759756_x_at	1.6207311	up	ERVK-4
11725056_a_at	2.0414658	up	NEDD9
11756590_a_at	2.0443957	up	KMO
11758312_x_at	1.5214931	up	TBC1D3B
11723105_at	-2.2279956	down	CMPK2
11715386_at	1.6655086	up	REG1A
11751458_a_at	1.5140359	up	TRIM68
11729998_a_at	1.6276928	up	B3GNT7
11716787_a_at	-1.5892566	down	B3GNT1
11747584_a_at	-1.5396694	down	C8orf34
11739285_a_at	-2.0736902	down	ARL6IP6
11755242_a_at	1.5048966	up	SKIL
11726784_a_at	-1.5868516	down	LRFN5
11723689_at	-1.7726172	down	CREBL2
11716993_a_at	1.514477	up	CSF1R
11727256_a_at	-1.5657091	down	ZNF625-ZNF20
11760321_at	1.7642728	up	ZMYM6
11731795_at	1.6346389	up	EPHX4

11731626_a_at	1.631574	up	C10orf118
11747961_a_at	-1.7935131	down	PSMB8
11717305_a_at	1.7043141	up	C10orf116
11726677_a_at	-2.6678288	down	PSMB9
11762546_at	-1.5846977	down	FOXP2
11728328_at	-1.565735	down	OMD
11716721_a_at	1.7369939	up	PHF1
11748205_a_at	-1.8124828	down	EMR1
11739861_s_at	-1.5032542	down	ITGA6
11731940_a_at	1.5079535	up	UCP3
11759440_at	-1.5425503	down	GLS
11725890_s_at	1.591558	up	ABCC6P2
11739751_s_at	1.5005612	up	SLC25A16
11763901_s_at	1.5865077	up	SNORA4
11757114_at	2.0257478	up	SNORA12
11730580_s_at	1.5185711	up	HECW2
11758721_s_at	-1.6265365	down	IGFBP7
11759882_a_at	-1.5252619	down	EPS15L1
11733962_a_at	-1.6054096	down	LGR5
11745626_x_at	1.5014939	up	PCDHGA2
11748735_s_at	-1.5312763	down	BZW1
11748524_x_at	-1.6083131	down	PIGK
11738675_at	-1.5667517	down	OR5AU1
11757638_s_at	-1.9193801	down	CD93
11720779_a_at	1.5131972	up	KLHL22
11730237_at	-1.511095	down	ABHD10
11736998_at	-1.9019992	down	NIPAL1
11729691_a_at	1.6697279	up	KLHL24
11757953_x_at	-1.518893	down	TTC39C
11749525_a_at	-1.919745	down	AKT2
11733240_at	1.5989013	up	IRAK2
11721317_at	1.6791202	up	PARM1
11745313_a_at	1.5694313	up	SYNRG
11759828_s_at	-1.6099007	down	SP100
11761404_at	-1.5001551	down	RING1
11732946_a_at	-1.5794997	down	CCDC48
11742996_a_at	-1.6263968	down	MCM3

11764248_s_at	-1.5280077	down	LDLRAD3
11762549_at	-1.6151707	down	MCTP1
11760960_at	-1.5393246	down	EML2
11732956_a_at	2.611227	up	TARP
11735833_a_at	1.8177478	up	KIAA1199
11753940_a_at	-1.5004318	down	NRL
11759860_at	-1.7960498	down	GRIK1-AS2
11724414_a_at	-1.6084114	down	ZNF711
11738061_a_at	-1.7727414	down	S100A7A
11753819_a_at	1.5794413	up	MDM2
11764058_at	-1.8592995	down	PRNP
11739295_a_at	-1.535001	down	ICOSLG
11746429_a_at	-1.5315456	down	MDM1
11737466_at	-1.5049156	down	RUSC1-AS1
11716641_x_at	-1.5012879	down	PSMB10
11731461_x_at	1.9586015	up	CPM
11728879_at	1.6194615	up	PPP3R1
11739217_a_at	-2.117133	down	RSAD2
11717810_a_at	1.5485419	up	CYTH3
11758100_s_at	-1.7312346	down	C1S
11737927_a_at	1.5458275	up	C6orf141
11727782_a_at	1.7292653	up	TPM4
11756818_a_at	-1.8226013	down	PATL2
11722756_at	-1.9317051	down	TMEM37
11761420_a_at	-1.55843	down	RGS11
11746276_s_at	1.5951908	up	RGS12
11723059_a_at	-2.1235538	down	TAP2
11716680_x_at	-1.6993266	down	SLC39A9
11734514_a_at	-1.7520947	down	TEPP
11758075_s_at	-1.5542151	down	SLC18B1
11717840_at	-1.5747207	down	ETNK1
11716823_s_at	1.555981	up	BDH2
11734252_at	-1.6214824	down	TMEM87A
11727528_a_at	1.5050527	up	PHF20L1
11758589_s_at	-1.6464356	down	ERCC4
11718049_s_at	-1.5654712	down	GLRX
11742560_at	-1.7251763	down	OR6N2



11724836_at	-1.6752509	down	NCEH1
11747059_a_at	1.6867963	up	ZBTB7C
11739989_a_at	1.6365407	up	CPPED1
11727918_s_at	1.8226811	up	MUC20
11749229_a_at	-1.5459281	down	SIRT5
11727277_a_at	-1.5049156	down	TMEM169
11715432_a_at	1.5377399	up	TMBIM1
11716746_a_at	-1.5021089	down	FAM60A
11744178_a_at	-1.5834577	down	C19orf66
11743710_a_at	1.5285811	up	RGS22
11754555_x_at	1.5189155	up	CEP68
11759327_at	1.6405532	up	ATP8A2
11746122_s_at	1.525102	up	ZC3H11A
11758358_x_at	-1.7958246	down	LOC100422737
11740622_a_at	-1.7473027	down	GPR115
11728653_at	2.3421953	up	IGFBP5

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DEGs, differentially expressed genes.