

Supplemental Table 2: Genes involved in Androgen Mediated Signaling Pathway MDA-MB-231 cells

Probe Set ID	Entrez Gene	Gene Symbol	Gene Title	Fold change [TESTOBSA] vs [ctr]
224851_at	1021	CDK6	cyclin-dependent kinase 6	-2.606067
216511_s_at	6934	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	-2.3479202
206036_s_at	5966	REL	v-rel reticuloendotheliosis viral oncogene homolog (avian)	-1.5725265
216035_x_at	6934	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	-1.8037434
224847_at	1021	CDK6	cyclin-dependent kinase 6	-1.6773075
201866_s_at	2908	NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	-1.9800817
235287_at	1021	CDK6	cyclin-dependent kinase 6	-1.9162849
216037_x_at	6934	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	-1.7651618
211498_s_at	4824	NKX3-1	NK3 homeobox 1	-1.3863761
227958_s_at	2934	GSN	Gelsolin (amyloidosis, Finnish type)	-1.4958534
205731_s_at	10499	NCOA2	nuclear receptor coactivator 2	-1.5696424
1558211_s_at	6714	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	-1.4809521
210477_x_at	5599	MAPK8	mitogen-activated protein kinase 8	-1.2581319
218806_s_at	10451	VAV3	vav 3 guanine nucleotide exchange factor	-1.280905
203265_s_at	6416	MAP2K4	mitogen-activated protein kinase kinase 4	-1.1640195
243000_at	1021	CDK6	cyclin-dependent kinase 6	-1.1902932
224848_at	1021	CDK6	cyclin-dependent kinase 6	-1.7519573
244858_at	100129041 /// 7050	LOC100129041 /// TGIF1	hypothetical protein LOC100129041 /// TGFB-induced factor homeobox 1	-1.3806729
202631_s_at	10513	APPBP2	amyloid beta precursor protein (cytoplasmic tail) binding protein 2	-1.3686043
214237_x_at	5074	PAWR	PRKC, apoptosis, WT1, regulator	-1.0807122
201465_s_at	3725	JUN	jun oncogene	-1.1793652
208735_s_at	10106	CTDSP2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2	-1.2285162
216321_s_at	2908	NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	-1.7268162
211671_s_at	2908	NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	-1.7539955

225565_at	1385	CREB1	cAMP responsive element binding protein 1	-1.500526
218807_at	10451	VAV3	vav 3 guanine nucleotide exchange factor	-1.5384709
237139_at	5152	PDE9A	phosphodiesterase 9A	-1.3048058
203035_s_at	10401	PIAS3	protein inhibitor of activated STAT, 3	-1.1768116
223380_s_at	26524	LATS2	LATS, large tumor suppressor, homolog 2 (Drosophila)	-1.5813468
206035_at	5966	REL	v-rel reticuloendotheliosis viral oncogene homolog (avian)	-1.5880998
209844_at	10481	HOXB13	homeobox B13	-1.221937
212385_at	6925	TCF4	transcription factor 4	-1.3983709
201865_x_at	2908	NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	-1.7461474
233060_at	57178	ZMIZ1	zinc finger, MIZ-type containing 1	-1.8900065
222538_s_at	26060	APPL1	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1	-1.550613
235540_at	2796	GNRH1	gonadotropin-releasing hormone 1 (luteinizing-releasing hormone)	-1.1412084
205425_at	3092	HIP1	huntingtin interacting protein 1	-1.2061371
211391_s_at	23598	PATZ1	POZ (BTB) and AT hook containing zinc finger 1	-1.0445148
201209_at	3065	HDAC1	histone deacetylase 1	-1.1378684
211110_s_at	367	AR	androgen receptor	-1.2624118
206546_at	10388	SYCP2	synaptonemal complex protein 2	-1.3492383
213301_x_at	8805	TRIM24	tripartite motif-containing 24	-1.2873929
204313_s_at	1385	CREB1	cAMP responsive element binding protein 1	-1.2217959
204004_at	5074	PAWR	PRKC, apoptosis, WT1, regulator	-1.3064635
223379_s_at	26524	LATS2	LATS, large tumor suppressor, homolog 2 (Drosophila)	-1.2718618
203313_s_at	7050	TGIF1	TGFB-induced factor homeobox 1	-1.2333944
243722_at	260434	PYDC1	PYD (pyrin domain) containing 1	-1.1543515
212762_s_at	6934	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	-1.6441821
203445_s_at	10106	CTDSP2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2	-1.3883401
227013_at	26524	LATS2	LATS, large tumor suppressor, homolog 2 (Drosophila)	-1.4335368
217844_at	58190	CTDSP1	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1	-1.2175213
209192_x_at	10524	KAT5	K(lysine) acetyltransferase 5	-1.1257727
217862_at	8554	PIAS1	protein inhibitor of activated STAT, 1	-1.5892031
221906_at	114112	TXNRD3	thioredoxin reductase 3	1.0454956

212689_s_at	55818	KDM3A	lysine (K)-specific demethylase 3A	-1.1119878
209710_at	2624	GATA2	GATA binding protein 2	-1.4291306
214846_s_at	57538	ALPK3	alpha-kinase 3	-1.2157865
225452_at	5469	MED1	mediator complex subunit 1	-1.2945608
201339_s_at	6342	SCP2	sterol carrier protein 2	-1.0511692
211156_at	1029	CDKN2A	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	1.2647917
207221_at	9002	F2RL3	coagulation factor II (thrombin) receptor-like 3	-1.2056078
200696_s_at	2934	GSN	gelsolin (amyloidosis, Finnish type)	-1.0297537
207907_at	8740	TNFSF14	tumor necrosis factor (ligand) superfamily, member 14	-1.3475211
204391_x_at	8805	TRIM24	tripartite motif-containing 24	-1.2503793
210358_x_at	2624	GATA2	GATA binding protein 2	-1.1262178
214513_s_at	1385	CREB1	cAMP responsive element binding protein 1	1.1165727
214258_x_at	10524	KAT5	K(lysine) acetyltransferase 5	1.0520728
224621_at	5594	MAPK1	mitogen-activated protein kinase 1	-1.1938274
212749_s_at	25898	RCHY1	ring finger and CHY zinc finger domain containing 1	1.0267256
209984_at	23081	KDM4C	lysine (K)-specific demethylase 4C	-1.0756949
212382_at	6925	TCF4	transcription factor 4	-1.1617875
213535_s_at	7329	UBE2I	ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)	1.0707802
209107_x_at	8648	NCOA1	nuclear receptor coactivator 1	-1.0908791
1570433_at	7113	TMPRSS2	transmembrane protease, serine 2	-1.1169846
203845_at	8850	KAT2B	K(lysine) acetyltransferase 2B	-1.1965507
217863_at	8554	PIAS1	protein inhibitor of activated STAT, 1	-1.345469
203266_s_at	6416	MAP2K4	mitogen-activated protein kinase kinase 4	-1.0082512
208979_at	23054	NCOA6	nuclear receptor coactivator 6	-1.0309749
202629_at	10513	APPBP2	amyloid beta precursor protein (cytoplasmic tail) binding protein 2	-1.1558597
212271_at	5594	MAPK1	mitogen-activated protein kinase 1	-1.0250411
205698_s_at	5608	MAP2K6	mitogen-activated protein kinase kinase 6	-1.1364442
220192_x_at	25803	SPDEF	SAM pointed domain containing ets transcription factor	1.0408067
215564_at	374	AREG	Amphiregulin	-1.1347686
207143_at	1021	CDK6	cyclin-dependent kinase 6	-1.2221688
226553_at	7113	TMPRSS2	transmembrane protease, serine 2	-1.0408583
204312_x_at	1385	CREB1	cAMP responsive element binding protein 1	1.0300914
204791_at	7181	NR2C1	nuclear receptor subfamily 2, group C, member 1	-1.1661259

204005_s_at	5074	PAWR	PRKC, apoptosis, WT1, regulator	-1.2197253
229515_at	5074	PAWR	PRKC, apoptosis, WT1, regulator	-1.1635779
211968_s_at	3320	HSP90AA1	heat shock protein 90kDa alpha (cytosolic), class A member 1	-1.1813633
201072_s_at	6599	SMARCC1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	-1.2056425
225160_x_at	4193	MDM2	Mdm2 p53 binding protein homolog (mouse)	1.0337832
207808_s_at	5627	PROS1	protein S (alpha)	-1.0282769
209106_at	8648	NCOA1	nuclear receptor coactivator 1	-1.0692192
210249_s_at	8648	NCOA1	nuclear receptor coactivator 1	1.0529021
206645_s_at	190	NR0B1	nuclear receptor subfamily 0, group B, member 1	-1.1517144
231388_at	24149	ZNF318	Zinc finger protein 318	-1.2860706
202401_s_at	6722	SRF	serum response factor (c-fos serum response element-binding transcription factor)	1.1679218
217937_s_at	51564	HDAC7	histone deacetylase 7	-1.0332581
209706_at	4824	NKX3-1	NK3 homeobox 1	-1.0339701
214040_s_at	2934	GSN	gelsolin (amyloidosis, Finnish type)	1.1453373
209115_at	9039	UBA3	ubiquitin-like modifier activating enzyme 3	-1.1002015
226695_at	5396	PRRX1	paired related homeobox 1	-1.0519977
232508_at	57178	ZMIZ1	zinc finger, MIZ-type containing 1	-1.0333862
1555897_at	23028	KDM1	lysine (K)-specific demethylase 1	-1.1523529
212761_at	6934	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	-1.3800912
207163_s_at	207	AKT1	v-akt murine thymoma viral oncogene homolog 1	1.1331486
212759_s_at	6934	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	-1.4230609
1566901_at	7050	TGIF1	TGFB-induced factor homeobox 1	-1.7821063
213441_x_at	25803	SPDEF	SAM pointed domain containing ets transcription factor	-1.06023
225477_s_at	7182	NR2C2	nuclear receptor subfamily 2, group C, member 2	-1.281619
236094_at	6934	TCF7L2	Transcription factor 7-like 2 (T-cell specific, HMG-box)	-1.2281054
212881_at	51588	PIAS4	protein inhibitor of activated STAT, 4	1.1139964
206689_x_at	10524	KAT5	K(lysine) acetyltransferase 5	1.1074083
204531_s_at	672	BRCA1	breast cancer 1, early onset	-1.0870832
225456_at	5469	MED1	mediator complex subunit 1	1.0374271
201522_x_at	6638 /// 8926	SNRPN /// SNURF	small nuclear ribonucleoprotein polypeptide N /// SNRPN upstream reading frame	1.2700211
209105_at	8648	NCOA1	nuclear receptor coactivator 1	-1.0239995

205372_at	5324	PLAG1	pleiomorphic adenoma gene 1	1.0135192
1568874_at	23054	NCOA6	nuclear receptor coactivator 6	-1.0791153
201694_s_at	1958	EGR1	early growth response 1	1.198674
1556493_a_at	23081	KDM4C	lysine (K)-specific demethylase 4C	-1.0462105
205699_at	5608	MAP2K6	mitogen-activated protein kinase kinase 6	-1.0320146
201074_at	6599	SMARCC1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	-1.0031635
212348_s_at	23028	KDM1	lysine (K)-specific demethylase 1	1.0477061
212743_at	25898	RCHY1	ring finger and CHY zinc finger domain containing 1	-1.019483
211832_s_at	4193	MDM2	Mdm2 p53 binding protein homolog (mouse)	1.0266564
201654_s_at	3339	HSPG2	heparan sulfate proteoglycan 2	1.0612376
201693_s_at	1958	EGR1	early growth response 1	1.0173557
215402_at	10513	APPBP2	amyloid beta precursor protein (cytoplasmic tail) binding protein 2	-1.1234729
221281_at	6714	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	-1.1459785
233360_at	7329	UBE2I	ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)	1.131255
202400_s_at	6722	SRF	serum response factor (c-fos serum response element-binding transcription factor)	1.017733
54970_at	83637	ZMIZ2	zinc finger, MIZ-type containing 2	-1.1990116
213891_s_at	6925	TCF4	transcription factor 4	-1.2137672
239585_at	8850	KAT2B	K(lysine) acetyltransferase 2B	-1.0791274
208676_s_at	5036	PA2G4	proliferation-associated 2G4, 38kDa	-1.0002486
204583_x_at	354	KLK3	kallikrein-related peptidase 3	1.101463
204039_at	1050	CEBPA	CCAAT/enhancer binding protein (C/EBP), alpha	1.0752844
231198_at	1021	CDK6	cyclin-dependent kinase 6	1.4460877
214403_x_at	25803	SPDEF	SAM pointed domain containing ets transcription factor	-1.0645634
203520_s_at	24149	ZNF318	zinc finger protein 318	1.1270497
1559529_at	5747	PTK2	PTK2 protein tyrosine kinase 2	-1.1546309
200881_s_at	3301	DNAJA1	DnaJ (Hsp40) homolog, subfamily A, member 1	1.2468235
216917_s_at	6847	SYCP1	synaptonemal complex protein 1	-1.0983037
220302_at	4117	MAK	male germ cell-associated kinase	-1.0179776
208820_at	5747	PTK2	PTK2 protein tyrosine kinase 2	1.0514568
1553529_at	80834	TAS1R2	taste receptor, type 1, member 2	1.0405091
214404_x_at	25803	SPDEF	SAM pointed domain containing ets transcription factor	1.0792537

216422_at	5036 /// 647033	PA2G4 /// PA2G4P4	proliferation-associated 2G4, 38kDa /// proliferation-associated 2G4 pseudogene 4	1.0627487
211497_x_at	4824	NKX3-1	NK3 homeobox 1	-1.4199755
201244_s_at	5894	RAF1	v-raf-1 murine leukemia viral oncogene homolog 1	1.1514815
226048_at	5599	MAPK8	mitogen-activated protein kinase 8	1.0157242
205426_s_at	3092	HIP1	huntingtin interacting protein 1	1.1468962
201454_s_at	9520	NPEPPS	aminopeptidase puromycin sensitive	-1.0630779
1552758_at	9734	HDAC9	histone deacetylase 9	1.3079678
237891_at	4193	MDM2	Mdm2 p53 binding protein homolog (mouse)	-1.2235838
208680_at	5052	PRDX1	peroxiredoxin 1	1.1768427
207821_s_at	5747	PTK2	PTK2 protein tyrosine kinase 2	1.1606511
231289_at	8648	NCOA1	Nuclear receptor coactivator 1	1.0924103
229664_at	5599	MAPK8	mitogen-activated protein kinase 8	1.1546286
207484_s_at	10919	EHMT2	euchromatic histone-lysine N-methyltransferase 2	-1.0197654
217864_s_at	8554	PIAS1	protein inhibitor of activated STAT, 1	-1.1714817
201466_s_at	3725	JUN	jun oncogene	1.0712786
202723_s_at	2308	FOXO1	forkhead box O1	-1.0757912
244385_at	23081	KDM4C	Lysine (K)-specific demethylase 4C	1.1883293
210774_s_at	8031	NCOA4	nuclear receptor coactivator 4	1.0072992
205593_s_at	5152	PDE9A	phosphodiesterase 9A	1.3013119
209580_s_at	8930	MBD4	methyl-CpG binding domain protein 4	1.2114199
217634_at	6840	SVIL	supervillin	-1.0181133
200651_at	10399	GNB2L1	guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1	1.1317748
209431_s_at	23598	PATZ1	POZ (BTB) and AT hook containing zinc finger 1	1.0950521
209354_at	8764	TNFRSF14	tumor necrosis factor receptor superfamily, member 14 (herpesvirus entry mediator)	-1.0078294
206038_s_at	7182	NR2C2	nuclear receptor subfamily 2, group C, member 2	1.0216597
1557675_at	5894	RAF1	V-raf-1 murine leukemia viral oncogene homolog 1	-1.1522486
211689_s_at	7113	TMPRSS2	transmembrane protease, serine 2	1.3330263
211008_s_at	7329	UBE2I	ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)	1.0642585
205102_at	7113	TMPRSS2	transmembrane protease, serine 2	1.0128742
214281_s_at	25898	RCHY1	ring finger and CHY zinc finger domain containing 1	1.1305635
212696_s_at	6047	RNF4	ring finger protein 4	1.0585626
214280_x_at	3178	HNRNPA1	heterogeneous nuclear ribonucleoprotein A1	1.0466511

207954_at	2624	GATA2	GATA binding protein 2	-1.2858471
213119_at	206358	SLC36A1	solute carrier family 36 (proton/amino acid symporter), member 1	1.1288668
203110_at	2185	PTK2B	PTK2B protein tyrosine kinase 2 beta	1.0058646
212386_at	6925	TCF4	transcription factor 4	1.017025
220892_s_at	29968	PSAT1	phosphoserine aminotransferase 1	1.1531177
210211_s_at	3320	HSP90AA1	heat shock protein 90kDa alpha (cytosolic), class A member 1	-1.0354903
203753_at	6925	TCF4	transcription factor 4	-1.0772811
215689_s_at	6462	SHBG	sex hormone-binding globulin	-1.2563927
200880_at	3301	DNAJA1	DnaJ (Hsp40) homolog, subfamily A, member 1	1.1885941
201073_s_at	6599	SMARCC1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	-1.1772585
200016_x_at	3178	HNRNPA1	heterogeneous nuclear ribonucleoprotein A1	-1.0761675
1552760_at	9734	HDAC9	histone deacetylase 9	1.1146184
222040_at	3178 /// 728844	HNRNPA1 /// LOC728844	heterogeneous nuclear ribonucleoprotein A1 /// hypothetical LOC728844	-1.0579149
237920_at	10388	SYCP2	Synaptonemal complex protein 2	1.0023347
1565082_x_at	6714	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	-1.0444294
218158_s_at	26060	APPL1	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1	-1.0006374
230348_at	26524	LATS2	LATS, large tumor suppressor, homolog 2 (Drosophila)	1.0948694
205732_s_at	10499	NCOA2	nuclear receptor coactivator 2	-1.0070568
227957_at	2934	GSN	Gelsolin (amyloidosis, Finnish type)	-1.0695688
209494_s_at	23598	PATZ1	POZ (BTB) and AT hook containing zinc finger 1	1.0199529
211969_at	3320	HSP90AA1	heat shock protein 90kDa alpha (cytosolic), class A member 1	-1.0760373
221924_at	83637	ZMIZ2	zinc finger, MIZ-type containing 2	1.0760188
230105_at	10481	HOXB13	homeobox B13	1.010434
1560305_x_at	2288	FKBP4	FK506 binding protein 4, 59kDa	1.1670166
211393_at	23598	PATZ1	POZ (BTB) and AT hook containing zinc finger 1	1.0745513
204314_s_at	1385	CREB1	cAMP responsive element binding protein 1	-1.1022208
203521_s_at	24149	ZNF318	zinc finger protein 318	1.1218088
211733_x_at	6342	SCP2	sterol carrier protein 2	-1.0306404

201655_s_at	3339	HSPG2	heparan sulfate proteoglycan 2	1.027791
213536_s_at	7329	UBE2I	Ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)	-1.0263978
221525_at	83637	ZMIZ2	zinc finger, MIZ-type containing 2	1.3481345
206644_at	190	NROB1	nuclear receptor subfamily 0, group B, member 1	1.0844952
202949_s_at	2274	FHL2	four and a half LIM domains 2	1.3122817
202161_at	5585	PKN1	protein kinase N1	1.1482354
208760_at	7329	UBE2I	Ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)	1.078395
205991_s_at	5396	PRRX1	paired related homeobox 1	-1.0389994
211851_x_at	672	BRCA1	breast cancer 1, early onset	-1.0831249
202326_at	10919	EHMT2	euchromatic histone-lysine N-methyltransferase 2	1.0755421
215605_at	10499	NCOA2	Nuclear receptor coactivator 2	-1.0776988
226046_at	5599	MAPK8	mitogen-activated protein kinase 8	-1.025164
221284_s_at	6714	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	-1.024852
1552812_a_at	29843	SEN1	SUMO1/sentrin specific peptidase 1	1.1673657
1558088_a_at	7329	UBE2I	ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)	-1.2147754
237289_at	1385	CREB1	cAMP responsive element binding protein 1	1.0105646
206740_x_at	6847	SYCP1	synaptonemal complex protein 1	1.0250988
209651_at	7041	TGFB11	transforming growth factor beta 1 induced transcript 1	1.1157349
226364_at	3092	HIP1	Huntingtin interacting protein 1	1.0901942
202630_at	10513	APPBP2	amyloid beta precursor protein (cytoplasmic tail) binding protein 2	-1.1040373
234393_at	9734	HDAC9	histone deacetylase 9	-1.407431
228837_at	6925	TCF4	transcription factor 4	-1.4651128
221919_at	3178 /// 728844	HNRNPA1 /// LOC728844	heterogeneous nuclear ribonucleoprotein A1 /// hypothetical LOC728844	1.2125872
202724_s_at	2308	FOXO1	forkhead box O1	-1.005307
223062_s_at	29968	PSAT1	phosphoserine aminotransferase 1	1.7485257
225572_at	1385	CREB1	cAMP responsive element binding protein 1	-1.1089071
213442_x_at	25803	SPDEF	SAM pointed domain containing ets transcription factor	1.0103
244616_x_at	4193	MDM2	Mdm2 p53 binding protein homolog (mouse)	1.3006501
203843_at	6197	RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3	1.0299817
1565080_at	6714	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	1.1388252

218878_s_at	23411	SIRT1	sirtuin (silent mating type information regulation 2 homolog) 1 (S. cerevisiae)	-1.0176665
200049_at	11143	MYST2	MYST histone acetyltransferase 2	1.120797
215354_s_at	27043	PELP1	proline, glutamate and leucine rich protein 1	1.1331141
208351_s_at	5594	MAPK1	mitogen-activated protein kinase 1	1.0621563
201075_s_at	6599	SMARCC1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	1.1173092
222146_s_at	6925	TCF4	transcription factor 4	1.11739
213324_at	6714	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	1.060693
207987_s_at	2796	GNRH1	gonadotropin-releasing hormone 1 (luteinizing-releasing hormone)	1.0227132
1560317_s_at	3092	HIP1	huntingtin interacting protein 1	1.0361955
209579_s_at	8930	MBD4	methyl-CpG binding domain protein 4	1.062898
224620_at	5594	MAPK1	Mitogen-activated protein kinase 1	-1.121937
212512_s_at	10498	CARM1	coactivator-associated arginine methyltransferase 1	1.018445
207039_at	1029	CDKN2A	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	-1.0863651
228342_s_at	57538	ALPK3	alpha-kinase 3	1.0363253
209855_s_at	3817	KLK2	kallikrein-related peptidase 2	-1.0274837
211621_at	367	AR	androgen receptor	1.0647947
214328_s_at	3320	HSP90AA1	heat shock protein 90kDa alpha (cytosolic), class A member 1	1.021602
214048_at	8930	MBD4	methyl-CpG binding domain protein 4	1.0450344
217373_x_at	4193	MDM2	Mdm2 p53 binding protein homolog (mouse)	1.4668089
211392_s_at	23598	PATZ1	POZ (BTB) and AT hook containing zinc finger 1	1.206194
210530_s_at	7181	NR2C1	nuclear receptor subfamily 2, group C, member 1	1.2707424
212124_at	57178	ZMIZ1	zinc finger, MIZ-type containing 1	1.1541502
222034_at	10399	GNB2L1	Guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1	1.2393336
201455_s_at	9520	NPEPPS	aminopeptidase puromycin sensitive	1.1804774
203111_s_at	2185	PTK2B	PTK2B protein tyrosine kinase 2 beta	-1.0549779
228484_s_at	2308	FOXO1	Forkhead box O1	1.0875925
210581_x_at	23598	PATZ1	POZ (BTB) and AT hook containing zinc finger 1	1.2064524
226619_at	29843	SENP1	SUMO1/sentrin specific peptidase 1	1.1064329

1555545_at	3817	KLK2	kallikrein-related peptidase 2	-1.1527464
201464_x_at	3725	JUN	jun oncogene	1.2184689
203497_at	5469	MED1	mediator complex subunit 1	1.1613387
205659_at	9734	HDAC9	histone deacetylase 9	1.0131183
59631_at	114112	TXNRD3	thioredoxin reductase 3	1.3260971
229079_at	10919	EHMT2	Euchromatic histone-lysine N-methyltransferase 2	-1.1925232
1555315_a_at	4117	MAK	male germ cell-associated kinase	1.0589166
236309_x_at	83637	ZMIZ2	zinc finger, MIZ-type containing 2	1.0108923
210671_x_at	5599	MAPK8	mitogen-activated protein kinase 8	-1.1039445
203496_s_at	5469	MED1	mediator complex subunit 1	1.2074134
1552264_a_at	5594	MAPK1	mitogen-activated protein kinase 1	1.1056484
229847_at	5594	MAPK1	Mitogen-activated protein kinase 1	-1.1086978
205386_s_at	4193	MDM2	Mdm2 p53 binding protein homolog (mouse)	1.2157186
201272_at	231	AKR1B1	aldo-keto reductase family 1, member B1 (aldose reductase)	-1.0486654
209644_x_at	1029	CDKN2A	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)	-1.026879
242758_x_at	55818	KDM3A	lysine (K)-specific demethylase 3A	-1.0094942
210531_at	7181	NR2C1	nuclear receptor subfamily 2, group C, member 1	-1.0264616
224221_s_at	10451	VAV3	vav 3 guanine nucleotide exchange factor	1.2954943
205385_at	4193	MDM2	Mdm2 p53 binding protein homolog (mouse)	1.027556
229711_s_at	4193	MDM2	Mdm2 p53 binding protein homolog (mouse)	1.2560265
214047_s_at	8930	MBD4	methyl-CpG binding domain protein 4	1.2901795
200895_s_at	2288	FKBP4	FK506 binding protein 4, 59kDa	1.4443748
204582_s_at	354	KLK3	kallikrein-related peptidase 3	1.108837
212879_x_at	100134427 /// 51588	LOC100134427 /// PIAS4	similar to PIAS4 protein /// protein inhibitor of activated STAT, 4	1.1764274
210339_s_at	3817	KLK2	kallikrein-related peptidase 2	1.0163186
1558210_at	6714	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	1.1834706
202566_s_at	6840	SVIL	supervillin	1.6080478
214861_at	23081	KDM4C	lysine (K)-specific demethylase 4C	1.2516205
229956_at	7181	NR2C1	nuclear receptor subfamily 2, group C, member 1	1.048121
207893_at	6736	SRY	sex determining region Y	1.0507412
200894_s_at	2288	FKBP4	FK506 binding protein 4, 59kDa	1.6741991

205239_at	374	AREG	amphiregulin	1.6838887
212387_at	6925	TCF4	transcription factor 4	1.1998671
226335_at	6197	RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3	1.1851671
209854_s_at	3817	KLK2	kallikrein-related peptidase 2	1.2272387
206042_x_at	6638 /// 8926	SNRPN /// SNURF	small nuclear ribonucleoprotein polypeptide N /// SNRPN upstream reading frame	1.0314654
231629_x_at	354	KLK3	Kallikrein-related peptidase 3	1.253187
214794_at	5036	PA2G4	proliferation-associated 2G4, 38kDa	1.5175587
217542_at	4193	MDM2	Mdm2 p53 binding protein homolog (mouse)	1.4527739
236326_at	51564	HDAC7	histone deacetylase 7	-1.0104475
208711_s_at	595	CCND1	cyclin D1	1.2710332
235300_x_at	25898	RCHY1	ring finger and CHY zinc finger domain containing 1	1.1928315
1552263_at	5594	MAPK1	mitogen-activated protein kinase 1	1.2406754
202565_s_at	6840	SVIL	supervillin	1.5341
1560303_at	2288	FKBP4	FK506 binding protein 4, 59kDa	1.5557132
207433_at	3586	IL10	interleukin 10	1.2329057
1553272_at	206358	SLC36A1	solute carrier family 36 (proton/amino acid symporter), member 1	1.0277051
241453_at	5747	PTK2	PTK2 protein tyrosine kinase 2	1.4517127
202599_s_at	8204	NRIP1	nuclear receptor interacting protein 1	1.5171183
227404_s_at	1958	EGR1	Early growth response 1	1.4872253
202600_s_at	8204	NRIP1	nuclear receptor interacting protein 1	1.4953661
208712_at	595	CCND1	cyclin D1	2.0786047
209189_at	2353	FOS	v-fos FBJ murine osteosarcoma viral oncogene homolog	2.9446747
213281_at	3725	JUN	Jun oncogene	1.7687879