

**Table S1. Dsg2-dependent Gene Changes**

GenBank #	Gene symbol	Gene Name	p-value	Fold
NM_021480	<i>TDH</i>	L-threonine dehydrogenase	8.1E-03	39.18
M92417	<i>Csta1/Stfa1</i>	Cystatin A1/Stefin A1	1.7E-02	18.39
D45850	<i>AKR1C4</i>	Aldo-keto reductase family 1, member C4	1.1E-02	15.18
AK007978	Unknown	Unidentified EST	3.7E-02	14.06
M92419	<i>Csta3/Stfa3</i>	Cystatin A3/Stefin A3	1.7E-02	12.37
AJ251685	<i>GPNMB</i>	Glycoprotein (transmembrane) nmb	9.1E-03	9.09
NM_009638	<i>CRISP3</i>	Cysteine-rich secretory protein 3	2.9E-02	8.79
M83218	<i>S100A8</i>	S100 calcium binding protein A8	2.2E-02	7.86
AK010010	Unknown	Unidentified EST	4.8E-02	7.40
AJ237585	<i>Ncapg</i>	Non-SMC condensin I complex, subunit G	1.3E-02	7.39
X82786	<i>MKI67</i>	Antigen identified by monoclonal antibody Ki-67	1.1E-03	7.27
AC079832	Unknown	Unidentified EST	4.3E-02	7.24
NM_019450	<i>IL1F6</i>	Interleukin 1 family, member 6 (epsilon)	3.5E-02	7.17
NM_026473	<i>TUBB6</i>	Tubulin, beta 6	1.4E-02	6.93
AK016955	Unknown	Unidentified EST	3.1E-02	6.36
NM_011472	<i>SPRR2A</i>	Small proline-rich protein 2A	8.8E-04	6.34
NM_007867	<i>DLX4</i>	Distal-less homeobox 4	5.7E-03	6.26
NM_009828	<i>CCNA2</i>	Cyclin A2	2.1E-02	5.83
Z47778	<i>TM4SF4</i>	Transmembrane 4 L six family member 4	1.2E-02	5.79
NM_008709	<i>MYCN</i>	V-myc myelocytomatosis viral related oncogene	2.6E-02	5.78
AF002823	<i>BUB1</i>	Budding uninhibited by benzimidazoles 1	1.0E-02	5.73
M92418	<i>Csta2/Stfa2</i>	Cystatin A2/Stefin A2	2.6E-02	5.71
NM_013707	<i>Krtap14</i>	Keratin associated protein 14	2.7E-03	5.46
AK021322	Unknown	Unidentified EST	5.3E-03	5.40
NM_007630	<i>CCNB2</i>	Cyclin B2	1.7E-02	5.40
AK003722	<i>UBE2C</i>	Ubiquitin-conjugating enzyme E2C	3.4E-02	5.39
NM_011328	<i>SCT</i>	Secretin	6.5E-03	4.90
AK003637	Unknown	Unidentified EST	1.2E-02	4.81
NM_009689	<i>BIRC5</i>	Baculoviral IAP repeat-containing 5	1.8E-02	4.79
NM_018815	<i>NUP210</i>	Nucleoporin 210 kDa	1.3E-02	4.71
NM_011474	<i>SPRR2A</i>	Small proline-rich protein 2A	1.2E-02	4.68
NM_026351	<i>Ttc39d</i>	Tetratricopeptide repeat domain 39D	2.1E-02	4.61
M16449	<i>MYB</i>	V-myb myeloblastosis viral oncogene homolog	2.3E-02	4.59
NM_007629	<i>CCNB1</i>	Cyclin B1	1.7E-02	4.59
NM_010790	<i>MELK</i>	Maternal embryonic leucine zipper kinase	2.6E-02	4.50
NM_019641	<i>STMN1</i>	Stathmin 1	1.7E-02	4.46
NM_011234	<i>RAD51</i>	RAD51 homolog	6.8E-03	4.34
AB041882	<i>PBK</i>	PDZ binding kinase	2.3E-02	4.31
NM_010892	<i>NEK2</i>	NIMA (never in mitosis gene a)-related kinase 2	2.3E-03	4.31
NM_016880	<i>KRT35</i>	Keratin 35	3.0E-02	4.25
AK002480	<i>CTH</i>	Cystathionase (cystathionine gamma-lyase)	3.8E-02	4.22
U85511	<i>NME1</i>	Non-metastatic cells 1, protein (NM23A)	1.1E-02	4.22
AF305710	<i>NUSAP1</i>	Nucleolar and spindle associated protein 1	6.9E-03	4.19
AK013638	<i>SLC39A10</i>	Solute carrier family 39 (zinc transporter), member 10	8.6E-03	4.12
NM_026507	<i>ZWILCH</i>	Zwilch, kinetochore associated	1.1E-02	4.11
NM_009114	<i>S100A9</i>	S100 calcium binding protein A9	5.0E-02	4.08
NM_026410	<i>CDCA5</i>	Cell division cycle associated 5	2.0E-02	4.02
AK009193	<i>C2orf54</i>	Chromosome 2 open reading frame 54	4.0E-02	3.99
AK018295	<i>JAKMIP2</i>	Janus kinase and microtubule interacting protein 2	3.8E-02	3.99
NM_021351	<i>CRYBA4</i>	Crystallin, beta A4	2.8E-02	3.98
NM_033175	<i>LCE3B</i>	Late cornified envelope 3B	5.4E-03	3.96
NM_010670	<i>KRTAP12-2</i>	Keratin associated protein 12-2	2.3E-02	3.94
U36475	<i>BRCA1</i>	Breast cancer 1, early onset	1.1E-02	3.91
NM_011524	Unknown	Unidentified EST	3.2E-02	3.87
NM_010192	<i>FEM1A</i>	Fem-1 homolog a	2.2E-02	3.86
NM_016748	<i>CTPS</i>	CTP synthase	4.8E-02	3.84
AY029584	<i>STEAP1</i>	Six transmembrane epithelial antigen of the prostate 1	1.2E-02	3.79

NM_009773	<i>BUB1B</i>	Budding uninhibited by benzimidazoles 1 homolog beta	3.4E-04	3.78
BC003428	<i>ASF1B</i>	ASF1 anti-silencing function 1 homolog B	7.9E-03	3.77
NM_009004	<i>KIF20A</i>	Kinesin family member 20A	2.2E-02	3.77
NM_021099	<i>KIT</i>	V-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene	6.2E-03	3.73
AK003193	<i>TTYH2</i>	Tweety homolog 2	2.4E-02	3.71
NM_012012	<i>EXO1</i>	Exonuclease 1	4.5E-02	3.71
NM_026412	<i>C15orf23</i>	Chromosome 15 open reading frame 23	7.9E-04	3.70
NM_008970	<i>PTH1H</i>	Parathyroid hormone-like hormone	1.7E-02	3.64
AK010821	<i>FAM49A</i>	Family with sequence similarity 49, member A	3.3E-02	3.60
NM_009579	<i>SLC30A1</i>	Solute carrier family 30 (zinc transporter), member 1	2.4E-02	3.59
NM_015755	<i>HUNK</i>	Hormonally up-regulated Neu-associated kinase	4.6E-02	3.59
AK011279	<i>C1orf135</i>	Chromosome 1 open reading frame 135	1.2E-02	3.58
AK009086	<i>KRTAP26-1</i>	Keratin associated protein 26-1	4.0E-02	3.53
NM_008252	<i>HMGB2</i>	High-mobility group box 2	4.4E-04	3.52
NM_011369	<i>SHCBP1</i>	SHC SH2-domain binding protein 1	1.8E-02	3.49
AK010336	<i>TRIP13</i>	Thyroid hormone receptor interactor 13	5.9E-03	3.46
U68495	Unknown	Unidentified EST	4.6E-03	3.42
AY029203	<i>B3GNT5</i>	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5	3.2E-02	3.41
NM_011404	<i>SLC7A5</i>	Solute carrier family 7, member 5	3.6E-02	3.37
NM_007681	<i>CENPA</i>	Centromere protein A	5.0E-03	3.35
NM_008217	<i>HAS3</i>	Hyaluronan synthase 3	1.3E-03	3.35
NM_008566	<i>MCM5</i>	Minichromosome maintenance complex component 5	1.8E-02	3.34
NM_013905	<i>HEYL</i>	Hairy/enhancer-of-split related with YRPW motif-like	1.4E-02	3.34
NM_021380	<i>IL20</i>	Interleukin 20	2.9E-02	3.32
U79738	<i>DLX3</i>	Distal-less homeobox 3	9.7E-03	3.26
AB037685	<i>ANP32E</i>	Acidic (leucine-rich) nuclear phosphoprotein 32 family, member E	3.4E-02	3.23
NM_010665	Unknown	Unidentified EST	2.0E-02	3.22
M94303	Unknown	Unidentified EST	1.1E-02	3.19
M30774	Unknown	Unidentified EST	2.1E-02	3.17
NM_009860	<i>CDC25C</i>	Cell division cycle 25 homolog C	1.7E-02	3.16
NM_021790	<i>CENPK</i>	Centromere protein K	3.0E-02	3.11
NM_009705	<i>ARG2</i>	Arginase, type II	2.3E-02	3.10
NM_016889	<i>INSM1</i>	Insulinoma-associated 1	2.0E-02	3.10
NM_008253	<i>HMGB3</i>	High-mobility group box 3	1.1E-02	3.09
NM_020567	<i>GMNN</i>	Geminin, DNA replication inhibitor	4.0E-02	3.09
AK005954	<i>SYCE2</i>	Synaptonemal complex central element protein 2	4.5E-02	3.08
AK012894	<i>ZNF618</i>	Zinc finger protein 618	1.8E-02	3.07
AK011728	<i>SPC24</i>	SPC24, NDC80 kinetochore complex component	2.9E-02	3.06
J03733	<i>ODC1</i>	Ornithine decarboxylase 1	4.67E-04	3.06
AF053339	<i>CAD</i>	Carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase	4.7E-02	3.04
NM_013726	<i>DBF4</i>	DBF4 homolog	1.1E-02	3.03
NM_016692	<i>INCENP</i>	Inner centromere protein antigens 135/155kDa	9.6E-03	2.99
NM_012044	<i>PLA2G2E</i>	Phospholipase A2, group IIE	3.7E-02	2.98
AK008278	<i>CKAP2L</i>	Cytoskeleton associated protein 2-like	9.2E-03	2.95
NM_013601	<i>MSX2</i>	Msh homeobox 2	2.9E-02	2.95
NM_019754	<i>TAGLN3</i>	Transgelin 3	1.1E-02	2.95
D10920	<i>ZNF618</i>	Zinc finger protein 618	2.6E-02	2.91
NM_009028	<i>Ras12-9-ps</i>	RAS-like, family 2, locus 9, pseudogene	1.1E-02	2.91
AK003555	<i>SGOL2</i>	Shugoshin-like 2	1.5E-02	2.88
AK004134	<i>ANLN</i>	Anillin, actin binding protein	2.1E-02	2.84
X62154	<i>MCM3</i>	Minichromosome maintenance complex component 3	3.2E-02	2.83
NM_007999	<i>FEN1</i>	Flap structure-specific endonuclease 1	1.6E-02	2.81
NM_008239	<i>FOXQ1</i>	Forkhead box Q1	3.9E-02	2.80
NM_008565	<i>MCM4</i>	Minichromosome maintenance complex component 4	4.6E-02	2.79
NM_008580	<i>MAP3K5</i>	Mitogen-activated protein kinase kinase kinase 5	3.4E-02	2.78
X90779	Unknown	Unidentified EST	2.5E-03	2.76
NM_009171	<i>SHMT1</i>	Serine hydroxymethyltransferase 1 (soluble)	1.4E-02	2.75
AF091101	<i>DUT</i>	Deoxyuridine triphosphatase	2.8E-02	2.74
AK015015	<i>STEAP2</i>	Six transmembrane epithelial antigen of the prostate 2	4.1E-03	2.74

NM_021352	<i>CRYBB3</i>	Crystallin, beta B3	4.6E-02	2.74
NM_028186	<i>NKD2</i>	Naked cuticle homolog 2	3.6E-02	2.73
BC011230	<i>NT5DC2</i>	5'-nucleotidase domain containing 2	8.0E-04	2.72
AK021390	<i>HELLS</i>	Helicase, lymphoid-specific	2.2E-03	2.71
BC003335	<i>RFC4</i>	Replication factor C (activator 1) 4, 37kDa	4.1E-02	2.69
NM_007440	<i>ALOX12</i>	Arachidonate 12-lipoxygenase	9.9 E-03	2.69
NM_008128	<i>GJB6</i>	Gap junction protein, beta 6, 30kDa	4.0E-02	2.68
AK009031	Unknown	Unidentified EST	6.3E-04	2.64
AK010426	<i>CDKN3</i>	Cyclin-dependent kinase inhibitor 3	3.0E-02	2.64
NM_009015	<i>RAD54L</i>	RAD54-like	1.6E-02	2.64
AK011596	<i>TFRC</i>	Transferrin receptor (p90, CD71)	3.2E-02	2.63
AK020710	Unknown	Unidentified EST	3.5E-02	2.63
NM_007955	<i>PTPRV</i>	Protein tyrosine phosphatase, receptor type, V, pseudogene	6.1E-03	2.63
NM_009128	<i>Scd2</i>	Stearoyl-Coenzyme A desaturase 2	1.1E-02	2.63
AK009787	<i>IL1F8</i>	Interleukin 1 family, member 8 (eta)	3.5E-02	2.62
U62922	<i>HIST1H1B</i>	Histone cluster 1, H1b	3.1E-03	2.62
AK013046	Unknown	Unidentified EST	2.1E-02	2.61
NM_016870	<i>ACSM3</i>	Acyl-CoA synthetase medium-chain family member 3	4.1E-03	2.61
U26229	Unknown	Unidentified EST	3.4E-02	2.61
AK008384	Unknown	Unidentified EST	2.3E-02	2.59
NM_007633	<i>CCNE1</i>	Cyclin E1	3.3E-03	2.59
NM_010715	<i>LIG1</i>	Ligase I, DNA, ATP-dependent	3.2E-02	2.55
AK009799	<i>NOP56</i>	NOP56 ribonucleoprotein homolog	1.6E-02	2.53
M62766	<i>HMGCR</i>	3-hydroxy-3-methylglutaryl-CoA reductase	1.9E-02	2.53
NM_015774	<i>ERO1L</i>	ERO1-like	9.4E-04	2.52
AK003919	<i>SP6</i>	Sp6 transcription factor	1.5E-02	2.51
AK004208	<i>C1orf128</i>	Chromosome 1 open reading frame 128	1.1E-02	2.51
BC005610	<i>TADA2A</i>	Transcriptional adaptor 2A	6.4E-03	2.51
NM_021308	<i>PIWIL2</i>	Piwi-like 2	1.6E-03	2.50
AK003197	<i>KTI12</i>	KTI12 homolog, chromatin associated	3.9E-02	2.48
NM_011514	<i>SUV39H1</i>	Suppressor of variegation 3-9 homolog 1	1.5E-03	2.48
NM_018736	<i>MRE11A</i>	MRE11 meiotic recombination 11 homolog A	3.5E-02	2.47
AK013659	<i>ARMC1</i>	Armadillo repeat containing 1	1.6E-02	2.46
NM_026394	<i>Lcelf</i>	Late cornified envelope 1F	1.5E-02	2.45
X80433	<i>CIRH1A</i>	Cirrhosis, autosomal recessive 1A	1.6E-02	2.45
AK012015	<i>EXOSC1</i>	Exosome component 1	2.8E-02	2.43
AK014047	<i>LIPG</i>	Lipase, endothelial	2.3E-02	2.43
NM_007494	<i>ASS1</i>	Argininosuccinate synthase 1	1.8E-03	2.42
NM_010074	<i>DPP4</i>	Dipeptidyl-peptidase 4	5.7E-03	2.42
AK011410	<i>FAM54A</i>	Family with sequence similarity 54, member A	2.3E-02	2.41
BC005751	<i>SDAD1</i>	SDA1 domain containing 1	1.6E-02	2.41
NM_025578	<i>MRPS25</i>	Mitochondrial ribosomal protein S25	1.5E-02	2.41
NM_008684	<i>NEO1</i>	Neogenin 1	1.7E-02	2.38
NM_011060	<i>PADI3</i>	Peptidyl arginine deiminase, type III	4.0E-02	2.38
NM_020506	<i>XPO4</i>	Exportin 4	9.6E-03	2.38
U69106	<i>AURKA</i>	Aurora kinase A	1.6E-04	2.38
AK004331	<i>PP1L1</i>	Peptidylprolyl isomerase (cyclophilin)-like 1	3.5E-02	2.37
AK012041	<i>CDT1</i>	Chromatin licensing and DNA replication factor 1	4.8E-02	2.37
AK017176	<i>GTF2H3</i>	General transcription factor IIIH, polypeptide 3, 34kDa	8.3E-03	2.37
AK004509	<i>ASPSCR1</i>	Alveolar soft part sarcoma chromosome region, candidate 1	3.0E-02	2.35
NM_018868	<i>NOP58</i>	NOP58 ribonucleoprotein homolog	2.0E-02	2.35
NM_011391	<i>SLC16A7</i>	Solute carrier family 16, member 7	2.3E-02	2.34
AY007202	<i>MUC4</i>	Mucin 4, cell surface associated	2.0E-02	2.32
NM_016710	<i>HMGN5</i>	High-mobility group nucleosome binding domain 5	3.9E-02	2.32
AK004699	<i>CYP2S1</i>	Cytochrome P450, family 2, subfamily S, polypeptide 1	1.6E-03	2.31
NM_008652	<i>MYBL2</i>	V-myb myeloblastosis viral oncogene homolog-like 2	5.9E-03	2.31
NM_010212	<i>FHL2</i>	Four and a half LIM domains 2	4.9E-03	2.31
NM_018749	<i>EIF3D</i>	Eukaryotic translation initiation factor 3, subunit D	4.2E-02	2.30
NM_026531	<i>AEN</i>	Apoptosis enhancing nuclease	9.6E-03	2.29

NM_031863	<i>CENPQ</i>	Centromere protein Q	3.7E-02	2.29
Z31362	<i>SRXN1</i>	Sulfiredoxin 1	4.0E-02	2.29
AK010786	<i>TUBB2B</i>	Tubulin, beta 2B	1.1E-03	2.28
AK021069	<i>S100A4</i>	S100 calcium binding protein A4	2.2E-02	2.28
NM_019800	<i>ACP6</i>	Acid phosphatase 6, lysophosphatidic	5.0E-02	2.28
NM_020487	<i>PRSS21</i>	Protease, serine, 21 (testisin)	2.2E-02	2.28
NM_026041	<i>RRP15</i>	Ribosomal RNA processing 15 homolog	1.4E-02	2.28
X54327	<i>EPRS</i>	Glutamyl-prolyl-tRNA synthetase	1.7E-02	2.28
NM_008062	<i>G6PD</i>	Glucose-6-phosphate dehydrogenase	1.9E-02	2.26
NM_016924	<i>RWDD2B</i>	RWD domain containing 2B	4.1E-02	2.26
NM_019451	<i>IL1F5</i>	Interleukin 1 family, member 5 (delta)	2.6E-02	2.26
NM_025415	<i>CKS2</i>	CDC28 protein kinase regulatory subunit 2	3.3E-02	2.25
S70056	<i>CRYZ</i>	Crystallin, zeta (quinone reductase)	1.4E-02	2.24
X65089	Unknown	Unidentified EST	3.3E-02	2.24
NM_010053	<i>DLX1</i>	Distal-less homeobox 1	3.5E-02	2.23
NM_010066	<i>DNMT1</i>	DNA (cytosine-5-)-methyltransferase 1	1.2E-02	2.22
AK014598	<i>PEX26</i>	Peroxisomal biogenesis factor 26	2.6E-02	2.21
AK016519	<i>CCDC18</i>	Coiled-coil domain containing 18	1.6E-03	2.21
D14336	<i>POLRIE</i>	Polymerase (RNA) I polypeptide E, 53kDa	2.1E-02	2.21
NM_007573	<i>CIQBP</i>	Complement component 1, q subcomponent binding protein	3.9E-03	2.21
NM_015782	<i>SNRPA</i>	Small nuclear ribonucleoprotein polypeptide A	2.8E-03	2.21
NM_016693	<i>MAP3K6</i>	Mitogen-activated protein kinase kinase kinase 6	1.5E-02	2.21
NM_019468	<i>G6pd2</i>	Glucose-6-phosphate dehydrogenase 2	2.6E-02	2.21
AK005294	<i>PRPF31</i>	PRP31 pre-mRNA processing factor 31 homolog	5.0E-02	2.20
NM_016904	<i>CKS1B</i>	CDC28 protein kinase regulatory subunit 1B	2.8E-02	2.20
NM_026024	<i>UBE2T</i>	Ubiquitin-conjugating enzyme E2T (putative)	4.3E-03	2.20
AK016940	<i>FGD6</i>	FYVE, RhoGEF and PH domain containing 6	2.1E-02	2.19
BC013242	<i>FOS</i>	FBJ murine osteosarcoma viral oncogene homolog	3.6E-02	2.19
NM_010792	<i>METTL1</i>	Methyltransferase like 1	2.9E-02	2.19
NM_011239	<i>RANBP1</i>	RAN binding protein 1	3.0E-02	2.19
AK012621	Unknown	Unidentified EST	3.5E-02	2.18
NM_009270	<i>SQLE</i>	Squalene epoxidase	1.3E-03	2.18
NM_011244	<i>RARG</i>	Retinoic acid receptor, gamma	1.8E-02	2.18
NM_013733	<i>CHAF1A</i>	Chromatin assembly factor 1, subunit A (p150)	4.2E-02	2.18
NM_013903	<i>MMP20</i>	Matrix metalloproteinase 20	3.4E-02	2.18
AF075717	<i>Tiaf2</i>	TGF-beta1-induced anti-apoptotic factor 2	4.7E-02	2.17
AK012157	Unknown	Unidentified EST	4.9E-02	2.17
AK020373	Unknown	Unidentified EST	3.0E-02	2.16
NM_009521	<i>WNT3</i>	Wingless-type MMTV integration site family, member 3	3.5E-02	2.16
U62675	Unknown	Unidentified EST	1.5E-02	2.16
AB025582	<i>ANP32B</i>	Acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	1.2E-02	2.15
AF251276	<i>SERPINI2</i>	Serpin peptidase inhibitor, clade I (pancpin), member 2	3.0E-02	2.15
AK011162	<i>DSCC1</i>	Defective in sister chromatid cohesion 1 homolog	5.5E-03	2.15
X53584	<i>HSPD1</i>	Heat shock 60kDa protein 1 (chaperonin)	4.8E-03	2.15
NM_019412	<i>PRX</i>	Periaxin	1.3E-02	2.14
AF120322	Unknown	Unidentified EST	4.5E-02	2.13
AK002481	<i>PAQR5</i>	Progesterin and adipoQ receptor family member V	1.7E-02	2.13
AK011820	<i>FBXO5</i>	F-box protein 5	4.9E-02	2.13
BC010981	<i>BC010981</i>	cDNA sequence BC010981	2.7E-02	2.13
NM_010722	<i>LMNB2</i>	Lamin B2	4.7E-04	2.13
NM_011171	<i>PROCR</i>	Protein C receptor, endothelial	1.7E-02	2.13
AB026997	<i>CAST</i>	Calpastatin	3.5E-02	2.12
AB041663	<i>CCDC86</i>	Coiled-coil domain containing 86	8.4E-03	2.12
AK004150	Unknown	Unidentified EST	2.9E-02	2.12
AB015613	<i>SET</i>	SET nuclear oncogene	3.6E-02	2.11
AK008621	<i>C11orf90</i>	Chromosome 11 open reading frame 90	1.3E-02	2.11
D32137	<i>OVGP1</i>	Oviductal glycoprotein 1, 120kDa	4.7E-02	2.11
NM_010364	<i>GTF2H4</i>	General transcription factor IIIH, polypeptide 4, 52kDa	2.6E-02	2.11
NM_030004	<i>CRYL1</i>	Crystallin, lambda 1	2.9E-02	2.11

AK008369	<i>Snhg8</i>	Small nucleolar RNA host gene 8	1.3E-03	2.10
AK012762	Unknown	Unidentified EST	4.9E-02	2.10
BC003426	<i>EIF2B1</i>	Eukaryotic translation initiation factor 2B, subunit 1 alpha	3.5E-02	2.10
L36062	<i>STAR</i>	Steroidogenic acute regulatory protein	3.4E-02	2.10
NM_007832	<i>DCK</i>	Deoxycytidine kinase	2.0E-02	2.10
AK021362	<i>FAM55D</i>	Family with sequence similarity 55, member D	1.7E-02	2.09
AB007600	<i>CYBRD1</i>	Cytochrome b reductase 1	1.3E-02	2.08
NM_007691	<i>CHEK1</i>	CHK1 checkpoint homolog	4.0E-02	2.08
NM_009982	<i>CTSC</i>	Cathepsin C	2.3E-02	2.08
Y18276	<i>NBEA</i>	Neurobeachin	2.0E-02	2.08
AK018070	<i>LPO</i>	Lactoperoxidase	1.4E-02	2.07
NM_008180	<i>GSS</i>	Glutathione synthetase	2.6E-02	2.07
NM_021336	<i>SNRPA1</i>	Small nuclear ribonucleoprotein polypeptide A'	3.9E-02	2.07
NM_025403	<i>NOP10</i>	NOP10 ribonucleoprotein homolog	4.4E-02	2.07
AF293845	<i>LPAR3</i>	Lysophosphatidic acid receptor 3	4.5E-02	2.06
AK020690	<i>Krtap5-5</i>	Keratin associated protein 5-5	5.0E-02	2.06
NM_011568	<i>THOC4</i>	THO complex 4	2.8E-02	2.06
NM_016777	<i>NASP</i>	Nuclear autoantigenic sperm protein (histone-binding)	1.2E-02	2.06
NM_009088	<i>POLR1A</i>	Polymerase (RNA) I polypeptide A, 194kDa	2.2E-03	2.05
NM_016788	<i>TNK2</i>	Tyrosine kinase, non-receptor, 2	2.1E-02	2.05
NM_019740	<i>FOXO3</i>	Forkhead box O3	3.7E-02	2.05
AK012340	<i>NMRAL1</i>	NmrA-like family domain containing 1	4.3E-02	2.04
NM_007926	<i>AIMP1</i>	Aminoacyl tRNA synthetase complex-interacting multifunctional protein 1	2.9E-03	2.04
NM_008424	<i>KCNE1</i>	Potassium voltage-gated channel, Isk-related family, member 1	2.7E-02	2.04
NM_011131	<i>POLD1</i>	Polymerase (DNA directed), delta 1, catalytic subunit 125kDa	1.5E-02	2.04
AF343088	<i>KRT75</i>	Keratin 75	1.7E-02	2.03
AK018333	<i>PWP2</i>	PWP2 periodic tryptophan protein homolog	3.3E-02	2.03
NM_008300	<i>HSPA4</i>	Heat shock 70 kDa protein 4	2.7E-04	2.03
NM_008893	<i>POLA2</i>	Polymerase (DNA directed), alpha 2 (70 kD subunit)	3.9E-03	2.02
AB003502	<i>GSPT1</i>	G1 to S phase transition 1	1.6E-02	2.01
AK002371	<i>SNRNP40</i>	Small nuclear ribonucleoprotein 40 kDa (U5)	1.1E-02	2.01
AK010531		Unidentified EST	3.3E-02	2.01
AK011725	<i>APITD1</i>	Apoptosis-inducing, TAF9-like domain 1	2.3E-03	2.01
NM_009104	<i>RRM2</i>	Ribonucleotide reductase M2	4.7E-02	2.01
NM_015765	<i>HSPA14</i>	Heat shock 70kDa protein 14	1.7E-02	2.01
NM_015781	<i>NAPIL1</i>	Nucleosome assembly protein 1-like 1	2.1E-02	2.01
NM_020603	<i>WDR46</i>	WD repeat domain 46	3.6E-03	2.01
NM_021448	<i>ELP2</i>	Elongation protein 2 homolog	1.0E-02	2.01
NM_023136	<i>DTYMK</i>	Deoxythymidylate kinase (thymidylate kinase)	3.2E-02	2.01
NM_026306	<i>TRMT112</i>	tRNA methyltransferase 11-2 homolog	6.1E-03	2.01
NM_011304	<i>RUVBL2</i>	RuvB-like 2	8.8E-03	2.00
NM_025424	<i>NENF</i>	Neuron derived neurotrophic factor	8.0E-03	-2.00
AK011423	<i>GNS</i>	Glucosamine (N-acetyl)-6-sulfatase	5.0E-03	-2.01
Z31360	Unknown	Unidentified EST	2.3E-02	-2.01
NM_007628	<i>CCNA1</i>	Cyclin A1	2.9E-02	-2.02
AF398966	<i>ASB5</i>	Ankyrin repeat and SOCS box-containing 5	4.3E-02	-2.03
AK019470	<i>GALNTL2</i>	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 2	3.9E-02	-2.03
NM_013630	<i>PKD1</i>	Polycystic kidney disease 1 (autosomal dominant)	1.5E-02	-2.03
M33425	<i>JAK1</i>	Janus kinase 1	1.7E-02	-2.04
NM_008495	<i>LGALS1</i>	Lectin, galactoside-binding, soluble, 1	3.3E-02	-2.04
NM_008816	<i>PECAMI</i>	Platelet/endothelial cell adhesion molecule	3.0E-02	-2.04
NM_016985	<i>MTMR1</i>	Myotubularin related protein 1	9.3E-03	-2.04
NM_025425	<i>RPL3L</i>	Ribosomal protein L3-like	3.1E-02	-2.04
AF373409	<i>Cd209b</i>	CD209b antigen	2.9E-02	-2.05
AK009522	<i>C9orf25</i>	Chromosome 9 open reading frame 25	5.0E-02	-2.05
NM_010449	<i>HOXA1</i>	Homeobox A1	1.6E-03	-2.05
NM_026514	<i>CDC42EP3</i>	CDC42 effector protein (Rho GTPase binding) 3	1.8E-02	-2.06
NM_031255	<i>RSPH6A</i>	Radial spoke head 6 homolog A (Chlamydomonas)	1.6E-02	-2.06

U12147	<i>LAMA2</i>	Laminin, alpha 2	4.5E-02	-2.06
BC012232	<i>SIPR5</i>	Sphingosine-1-phosphate receptor 5	1.5E-02	-2.07
NM_016872	<i>VAMP5</i>	Vesicle-associated membrane protein 5 (myobrevin)	3.1E-02	-2.07
AK018685	<i>TTC39B</i>	Tetratricopeptide repeat domain 39B	3.6E-02	-2.08
AY042200	<i>MRGPRX1</i>	MAS-related GPR, member X1	2.8E-03	-2.08
BC012207	Unknown	Unidentified EST	2.4E-02	-2.08
AF115383	<i>DST</i>	Dystonin	4.3E-03	-2.09
BC006062	<i>ANO1</i>	Anoctamin 1, calcium activated chloride channel	2.0E-02	-2.09
NM_010231	<i>FMO1</i>	Flavin containing monooxygenase 1	1.8E-02	-2.09
NM_021371	<i>CALN1</i>	Calneuron 1	2.0E-02	-2.09
AF322069	<i>TNFRSF21</i>	Tumor necrosis factor receptor superfamily, member 21	1.9E-02	-2.10
NM_008768	<i>ORM1/ORM2</i>	Orosomucoid 1	2.2E-02	-2.11
AK004559	<i>CPNE8</i>	Copine VIII	4.3E-02	-2.12
AK018343	<i>SYT11</i>	Synaptotagmin XI	2.6E-02	-2.12
AK019934	<i>CNRIP1</i>	Cannabinoid receptor interacting protein 1	4.0E-03	-2.12
NM_008764	<i>TNFRSF11B</i>	Tumor necrosis factor receptor superfamily, member 11b	8.6E-03	-2.12
NM_010361	<i>GST2/GST2B</i>	Glutathione S-transferase theta 2	3.1E-02	-2.12
NM_019919	<i>LTBP1</i>	Latent transforming growth factor beta binding protein 1	1.0E-02	-2.12
NM_019965	<i>DNAJB12</i>	DnaJ (Hsp40) homolog, subfamily B, member 12	4.9E-02	-2.12
U50959	<i>PLCB4</i>	Phospholipase C, beta 4	3.9E-03	-2.12
AK009757	<i>PIR</i>	Pirin (iron-binding nuclear protein)	1.2E-02	-2.13
AK009847	<i>PRSS23</i>	Protease, serine, 23	3.4E-02	-2.13
AK012007	Unknown	Unidentified EST	3.0E-03	-2.13
NM_008505	<i>LMO2</i>	LIM domain only 2 (rhombotin-like 1)	1.3E-03	-2.13
NM_008867	<i>PLA2R1</i>	Phospholipase A2 receptor 1, 180kDa	7.9E-03	-2.13
BC006619	Unknown	Unidentified EST	2.6E-02	-2.14
AF414190	<i>SLC35B2</i>	Solute carrier family 35, member B2	4.8E-02	-2.15
AK007469	<i>ABHD14B</i>	Abhydrolase domain containing 14B	1.3E-03	-2.15
AK010042	<i>SPINK5</i>	Serine peptidase inhibitor, Kazal type 5	1.5E-02	-2.15
AK015409	Unknown	Unidentified EST	4.1E-02	-2.15
NM_008885	<i>PMP22</i>	Peripheral myelin protein 22	3.6E-02	-2.15
AF133093	Unknown	Unidentified EST	3.8E-02	-2.16
AF161262	<i>TFAP4</i>	Transcription factor AP-4 (activating enhancer binding protein 4)	2.0E-02	-2.16
AK004726	<i>LYVE1</i>	Lymphatic vessel endothelial hyaluronan receptor 1	3.7E-02	-2.16
AK005457	<i>CBX7</i>	Chromobox homolog 7	1.9E-02	-2.16
NM_008908	<i>PPIC</i>	Peptidylprolyl isomerase C (cyclophilin C)	3.6E-02	-2.16
BC006902	<i>SLC46A3</i>	Solute carrier family 46, member 3	3.0E-02	-2.17
AL357453	<i>EID1</i>	EP300 interacting inhibitor of differentiation 1	3.5E-02	-2.18
BC005485	<i>OLFML3</i>	Olfactomedin-like 3	2.0E-02	-2.18
NM_020265	<i>DKK2</i>	Dickkopf homolog 2	1.0E-02	-2.18
AK004365	Unknown	Unidentified EST	9.0E-04	-2.19
AK018282	<i>FAM81A</i>	Family with sequence similarity 81, member A	1.0E-02	-2.19
X65506	<i>KRT36</i>	Keratin 36	1.6E-02	-2.20
AK007436	<i>ADAMTS9</i>	ADAM metallopeptidase with thrombospondin type 1 motif, 9	4.6E-03	-2.21
AK010208	<i>APOL6</i>	Apolipoprotein L, 6	2.7E-02	-2.21
AK014014	Unknown	Unidentified EST	2.6E-03	-2.21
AK015592	Unknown	Unidentified EST	4.2E-02	-2.22
NM_020591	Unknown	Unidentified EST	2.5E-02	-2.22
AF336850	<i>Cyp2j9</i>	Cytochrome P450, family 2, subfamily j, polypeptide 9	4.6E-02	-2.23
AK004681	<i>TRIL</i>	TLR4 interactor with leucine-rich repeats	4.8E-02	-2.23
NM_010630	<i>KIFC2</i>	Kinesin family member C2	2.2E-02	-2.23
AK020118	<i>GPC6</i>	Glypican 6	9.5E-03	-2.24
BC004727	<i>VWA5A</i>	Von Willebrand factor A domain containing 5A	4.3E-02	-2.26
M22479	<i>TPM1</i>	Tropomyosin 1 (alpha)	1.4E-02	-2.26
M96554	<i>ALOX5AP</i>	Arachidonate 5-lipoxygenase-activating protein	8.3E-03	-2.26
NM_010654	<i>KLRD1</i>	Killer cell lectin-like receptor subfamily D, member 1	1.1E-02	-2.26
Z47769	Unknown	Unidentified EST	5.4E-04	-2.26
AK013704	Unknown	Unidentified EST	1.3E-02	-2.27
BC008560	<i>SSFA2</i>	Sperm specific antigen 2	4.4E-02	-2.27

NM_008508	<i>LOR</i>	Loricrin	1.1E-02	-2.27
NM_016687	<i>SFRP4</i>	Secreted frizzled-related protein 4	4.8E-02	-2.27
NM_017378	<i>PCDH12</i>	Protocadherin 12	3.6E-02	-2.27
AF248643	<i>ACTN2</i>	Actinin, alpha 2	5.0E-02	-2.28
AK003626	<i>SLC38A4</i>	Solute carrier family 38, member 4	3.6E-03	-2.28
AK013968	Unknown	Unidentified EST	1.8E-02	-2.28
NM_020291	<i>OR5P3</i>	Olfactory receptor, family 5, subfamily P, member 3	3.3E-02	-2.28
AK006564	Unknown	Unidentified EST	9.3E-04	-2.32
NM_010276	<i>GEM</i>	GTP binding protein overexpressed in skeletal muscle	6.8 E-03	-2.32
AF235001	<i>SLC5A5</i>	Solute carrier family 5 (sodium iodide symporter), member 5	2.3E-02	-2.33
NM_010741	<i>Ly6a</i>	Lymphocyte antigen 6 complex, locus A	1.2E-02	-2.33
AK002587	<i>ASPDH</i>	Aspartate dehydrogenase domain containing	7.8E-03	-2.35
BC010828	<i>DAP</i>	Death-associated protein	8.6E-03	-2.35
NM_009608	<i>ACTC1</i>	Actin, alpha, cardiac muscle 1	5.2E-03	-2.35
NM_010330	<i>EMB</i>	Embigin	2.8E-02	-2.35
NM_025658	<i>Ms4a4c</i>	Membrane-spanning 4-domains, subfamily A, member 4C	3.6E-02	-2.35
AK004184	<i>NEXN</i>	Nexilin (F actin binding protein)	2.6E-02	-2.36
J05479	<i>PPP3CA</i>	Protein phosphatase 3, catalytic subunit, alpha isozyme	3.7E-02	-2.36
NM_027218	<i>Clec4b1</i>	C-type lectin domain family 4, member b1	1.4E-02	-2.36
AK010184	Unknown	Unidentified EST	1.7E-02	-2.37
U20264	<i>Copg2as2</i>	Coatomer protein complex, subunit gamma 2, antisense 2	4.1E-03	-2.37
AK018860	Unknown	Unidentified EST	5.6E-03	-2.38
NM_021416	<i>FAM184B</i>	Family with sequence similarity 184, member B	3.1E-02	-2.38
NM_016894	<i>RAMP1</i>	Receptor (G protein-coupled) activity modifying protein 1	3.7E-02	-2.39
AK010044	Unknown	Unidentified EST	4.0E-02	-2.40
NM_007470	<i>APOD</i>	Apolipoprotein D	1.9E-02	-2.41
NM_013589	<i>LTBP2</i>	Latent transforming growth factor beta binding protein 2	1.4E-02	-2.41
NM_021472	<i>RNASE4</i>	Ribonuclease, RNase A family, 4	4.4E-02	-2.42
AK017323	<i>TPRG1</i>	Tumor protein p63 regulated 1	4.1E-03	-2.43
NM_007409	<i>ADH1C</i>	Alcohol dehydrogenase 1C (class I), gamma polypeptide	1.6E-02	-2.43
NM_008969	<i>PTGS1</i>	Prostaglandin-endoperoxide synthase 1	4.8E-02	-2.43
NM_023052	<i>CCL21</i>	Chemokine (C-C motif) ligand 21	6.9E-03	-2.43
AK010153	<i>TTN</i>	Titin	2.9E-02	-2.44
M23013	<i>TF</i>	Transferrin	1.6E-03	-2.44
NM_021543	<i>PCDH8</i>	Protocadherin 8	4.6E-02	-2.44
AK003418	<i>GSTM4</i>	Glutathione S-transferase mu 4	3.2E-02	-2.47
NM_008409	<i>ITM2A</i>	Integral membrane protein 2A	4.2E-02	-2.48
AY033514	<i>BBOX1</i>	Butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 1	2.3E-02	-2.49
NM_009349	<i>INMT</i>	Indolethylamine N-methyltransferase	1.4E-02	-2.50
NM_014193	<i>CACNA1S</i>	Calcium channel, voltage-dependent, L type, alpha 1S subunit	1.2E-02	-2.51
AK009124	Unknown	Unidentified EST	3.4E-02	-2.52
AK015595	Unknown	Unidentified EST	1.8E-02	-2.52
NM_013553	<i>HOXC4</i>	Homeobox C4	4.8E-02	-2.52
Z25851	Unknown	Unidentified EST	2.1E-02	-2.53
AK005515	<i>C3orf59</i>	Chromosome 3 open reading frame 59	3.7E-02	-2.54
NM_015803	<i>ATP8A2</i>	ATPase, aminophospholipid transporter, class I, type 8A, member 2	2.6E-02	-2.54
AK004155	<i>THEM5</i>	Thioesterase superfamily member 5	3.5 E-02	-2.56
AK006219	Unknown	Unidentified EST	5.3E-03	-2.57
NM_010484	<i>SLC6A4</i>	Solute carrier family 6, member 4	3.7E-02	-2.57
AF203899	<i>NEB</i>	Nebulin	3.3E-02	-2.58
NM_011620	<i>TNNT3</i>	Troponin T type 3 (skeletal, fast)	3.0E-02	-2.59
AK016603	<i>TKTL2</i>	Transketolase-like 2	1.2E-02	-2.60
AK017769	<i>CCDC41</i>	Coiled-coil domain containing 41	4.6E-02	-2.60
AK009330	<i>CLDN23</i>	Claudin 23	1.4E-02	-2.62
BC004653	<i>SMARCA2</i>	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2	4.0E-02	-2.62
NM_021422	<i>DNAJA4</i>	DnaJ (Hsp40) homolog, subfamily A, member 4	4.8E-02	-2.63
U70380	Unknown	Unidentified EST	8.7E-03	-2.64
AK010217	Unknown	Unidentified EST	4.6E-02	-2.65

AK003535	<i>TMEM140</i>	Transmembrane protein 140	1.3E-02	-2.66
NM_009263	<i>SPP1</i>	Secreted phosphoprotein 1	1.5E-02	-2.66
AK003496	<i>FAM98C</i>	Family with sequence similarity 98, member C	9.5E-03	-2.67
NM_021282	<i>CYP2E1</i>	Cytochrome P450, family 2, subfamily E, polypeptide 1	3.1E-02	-2.67
AB020886	<i>AKAP12</i>	A kinase (PRKA) anchor protein 12	2.8E-02	-2.69
NM_007421	<i>ADSSL1</i>	Adenylosuccinate synthase like 1	3.2E-02	-2.69
AY042202	<i>Mrgprb4/Mrgprb5</i>	MAS-related GPR, member B5	1.5E-02	-2.71
NM_011335	<i>CCL21</i>	Chemokine (C-C motif) ligand 21	2.2E-02	-2.72
NM_007728	<i>COCH</i>	Coagulation factor C homolog, cochlin ( <i>Limulus polyphemus</i> )	2.9E-02	-2.75
NM_026667	<i>FAM114A1</i>	Family with sequence similarity 114, member A1	3.5E-02	-2.75
AK014194	<i>RHOBTB1</i>	Rho-related BTB domain containing 1	2.8E-03	-2.76
AK009197	<i>APBB2</i>	Amyloid beta (A4) precursor protein-binding, family B, member 2	2.7E-03	-2.77
AK013631	<i>TPPP</i>	tubulin polymerization promoting protein	4.3E-02	-2.77
AK017349	Unknown	Unidentified EST	1.6E-02	-2.77
AK021161	<i>WDR65</i>	WD repeat domain 65	2.0E-03	-2.81
NM_008455	<i>KLKB1</i>	Kallikrein B, plasma (Fletcher factor) 1	1.1E-02	-2.81
AK019879	Unknown	Unidentified EST	2.0E-02	-2.84
AK009816	<i>TRDN</i>	Triadin	1.9E-02	-2.85
AB048364	<i>GDPD2</i>	Glycerophosphodiester phosphodiesterase domain containing 2	1.7E-03	-2.86
AK019750	Unknown	Unidentified EST	2.2E-02	-2.87
NM_009849	<i>ENTPD2</i>	Ectonucleoside triphosphate diphosphohydrolase 2	1.1E-02	-2.87
Z12270	Unknown	Unidentified EST	7.6E-03	-2.90
NM_019759	<i>DPT</i>	Dermatopontin	1.1E-03	-2.91
NM_022982	<i>RTN4R</i>	Reticulon 4 receptor	1.2E-02	-2.91
NM_009943	<i>COX6A2</i>	Cytochrome c oxidase subunit VIa polypeptide 2	1.1E-02	-2.92
AK008747	<i>NFATC1</i>	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	9.8E-03	-2.93
NM_011281	<i>RORC</i>	RAR-related orphan receptor C	2.4E-02	-2.93
NM_007648	<i>CD3E</i>	CD3e molecule, epsilon (CD3-TCR complex)	2.2E-02	-2.95
NM_008278	<i>HPGD</i>	Hydroxyprostaglandin dehydrogenase 15-(NAD)	3.4E-02	-2.99
Z95477	Unknown	Unidentified EST	1.9E-03	-3.00
NM_013711	<i>TXNRD2</i>	Thioredoxin reductase 2	3.2E-03	-3.04
NM_008086	<i>GAS1</i>	Growth arrest-specific 1	1.6E-02	-3.05
AK016066	Unknown	Unidentified EST	3.3E-02	-3.06
NM_007933	<i>ENO3</i>	Enolase 3 (beta, muscle)	3.1E-02	-3.07
AF141322	<i>CAV2</i>	Caveolin 2	1.7E-03	-3.08
NM_008047	<i>FSTL1</i>	Follistatin-like 1	2.8E-02	-3.08
AK012513	Unknown	Unidentified EST	1.9E-02	-3.09
NM_007813	<i>Cyp2b13/Cyp2b9</i>	Cytochrome P450, family 2, subfamily b, polypeptide 9	4.0E-03	-3.11
NM_011224	<i>PYGM</i>	Phosphorylase, glycogen, muscle	1.3E-04	-3.13
NM_011581	<i>THBS2</i>	Thrombospondin 2	1.3E-02	-3.13
BC003847	<i>IL33</i>	Interleukin 33	4.3E-02	-3.14
X73020	Unknown	Unidentified EST	5.1E-03	-3.15
NM_010555	<i>IL1R2</i>	Interleukin 1 receptor, type II	1.6E-02	-3.21
AK003152	<i>TTN</i>	Titin	2.6E-02	-3.27
NM_007453	<i>PRDX6</i>	Peroxiredoxin 6	1.0E-02	-3.27
AK003046	<i>NRN1</i>	Neuritin 1	5.5E-03	-3.28
NM_021508	<i>MYOZ1</i>	Myozenin 1	4.9E-02	-3.29
NM_032541	<i>HAMP</i>	Hepcidin antimicrobial peptide	1.8E-02	-3.29
NM_011867	<i>SLC26A4</i>	Solute carrier family 26, member 4	3.2E-02	-3.36
AK017827	<i>EIF2C4</i>	Eukaryotic translation initiation factor 2C, 4	2.4E-02	-3.39
NM_010195	<i>LGR5</i>	Leucine-rich repeat-containing G protein-coupled receptor 5	3.7E-02	-3.40
NM_025377	<i>SKA2</i>	Spindle and kinetochore associated complex subunit 2	9.5E-03	-3.41
AJ005051	<i>Gm10883</i>	Predicted gene 10883	4.8E-02	-3.47
NM_010758	<i>MAG</i>	Myelin associated glycoprotein	1.3E-02	-3.47
NM_010834	<i>MSTN</i>	Myostatin	1.8E-02	-3.65
NM_010244	<i>Fv1</i>	Friend virus susceptibility 1	4.0E-03	-3.70
NM_007802	<i>CTSK</i>	Cathepsin K	4.6E-02	-3.88
BC014684	<i>SLC7A13</i>	Solute carrier family 7, (cationic amino acid transporter, y+ system) member 13	1.1E-02	-3.95



NM_011580	<i>THBS1</i>	Thrombospondin 1	4.7E-02	-4.02
NM_013645	<i>PVALB</i>	Parvalbumin	3.8E-03	-4.17
NM_019548	<i>TRO</i>	Trophinin	1.1E-03	-4.58
AK013470	Unknown	Unidentified EST	4.5E-03	-4.64
NM_013467	<i>ALDH1A1</i>	Aldehyde dehydrogenase 1 family, member A1	4.5E-02	-4.69
NM_019564	<i>HTRA1</i>	HtrA serine peptidase 1	3.5E-03	-4.73
NM_009394	<i>TNNC2</i>	Troponin C type 2 (fast)	7.3E-03	-4.78
AK009107	<i>XIRP2</i>	Xin actin-binding repeat containing 2	1.8E-02	-4.88
AK014524	<i>SERPINB7</i>	Serpin peptidase inhibitor, clade B (ovalbumin), member 7	8.6E-03	-4.88
AY042201	<i>Mrgprb3</i>	MAS-related GPR, member B3	8.8E-03	-4.89
NM_007538	<i>OPN1SW</i>	Opsin 1 (cone pigments), short-wave-sensitive	1.1E-02	-4.93
X78885	<i>HNRNPA1</i>	Heterogeneous nuclear ribonucleoprotein A1	2.8E-03	-4.97
NM_019687	<i>SLC22A4</i>	Solute carrier family 22 (organic cation/ergothioneine transporter), member 4	2.1E-03	-5.07
NM_008343	<i>IGFBP3</i>	Insulin-like growth factor binding protein 3	3.4E-03	-5.24
NM_026535	<i>SERPINA12</i>	Serpin peptidase inhibitor, clade A (alpha-1 antitrypsin), member 12	8.1E-03	-5.84
NM_008791	<i>PCP4</i>	Purkinje cell protein 4	3.9E-03	-6.58
AK019744	Unknown	Unidentified EST	6.1E-03	-6.84
AF070470	<i>SMOC1</i>	SPARC related modular calcium binding 1	4.1E-02	-6.89
NM_007568	<i>BTC</i>	Betacellulin	1.0E-02	-7.75
AK018865	Unknown	Unidentified EST	1.3E-02	-8.22
NM_008592	<i>FOXC1</i>	Forkhead box C1	3.3 E-02	-8.95
BC014714	<i>HMGCS2</i>	3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial)	1.3 E-02	-8.98
NM_013519	<i>FOXC2</i>	Forkhead box C2 (MFH-1, mesenchyme forkhead 1)	3.8E-02	-11.69
AK004289	Unknown	Unidentified EST	8.3E-03	-25.73
AK009582	<i>PBRM1</i>	Polybromo 1	5.1E-03	-32.82

Complete list of 492 genes modified greater or less than 2 fold in response to Dsg2 expression in transgenic mice.

