Supplementary Table 2

	Fold Change				GenBank #
	HMGA1a		HMGA1b		
	β-actin	myosin	β-actin	myosin	
Up-Regulated Genes					
General Metabolism					
Superoxide dismutase 1	19.2	23.3	15	15.3	Y00404
Cytochrome c oxidase subunit IV	11.5	14	22.4	22.7	X14209
COX1	11.2	13.6	8	8.2	S79304
NADP+ alcohol dehydrogenase	9.2	11.2	17.3	17.6	D10854
Pancreatic triacylglycerol lipase	4.3	5.2			M58369
Glutathione S-transferase P subunit	4.1	5	3.5	3.5	X02904
Cytochrome c oxidase Vb	3.9	4.8	7.3	7.4	D10952
Glutathione S-transferase Yb2 subunit	3.4	4.2	2.7	2.8	J02592
COX5a	3.3	4	7.8	7.9	X15030
ATPase subunit F, vacuolar	2.8	3.4			U43175
Acetylcholinesterase	2.5	3	4.7	4.8	S50879
ATP synthase, subunit c, P2 gene	2.4	2.9			D13124
Aldolase A, fructose-bisphosphate	2.2	2.7			M12919
Dopamine beta-hydroxylase	2.1	2.6	3.9	4	L12407
ATP5G1	2.1	2.5	4	4	D13123
Mitochondrial ATP synthase B subunit	2	2.4			M35052
Acyl Coenzyme A dehydrogenase, long chain			6.2	6.3	J05029
Cytochrome P-450 2J3			3.6	3.6	U39943
Pancreatic lipase			3.4	3.4	L09216
Mitochondrial ATP synthase beta subunit			3.2	3.3	M19044
liver/heart cytochrome c oxidase polypeptide VIIa			3	3	X54080
Glutathione S-transferase alpha 3			2.7	2.7	X62660
Annexin I			2.5	2.5	M19967
Olfactory cytochrome P450 IIIA9			2.4	2.4	U60085
Nitric oxide synthase 3			2.3	2.4	U02534
Very long chain acyl-CoA dehydrogenase			2.2	2.3	D30647
Aldehyde dehydrogenase 3			2.1	2.2	M73714
Mitochondrial ATP synthase D subunit			2.1	2.1	D10021
Ribosomal Proteins (RP)					
RPL19	6.9	8.3	28.8	29.3	J02650
RPS19	5	6	23.1	23.4	X51707
RPL13	4.9	6	8.2	8.3	X78327
RPS3a	4.5	5.5	2.4	2.4	M84716
RPL21	4.1	5	15	15.2	M27905
RPS17	4	4.9			K02933
RPS12	3.4	4.2	2.8	2.8	M18547
RPL36a	2.8	3.4			M19635
RPL11	2.3	2.8	5.3	5.3	X62146
RPS11	2.1	2.5	9.5	9.6	K03250
RPL12			6.7	6.8	X53504
RPL10			2.6	2.7	X87106
RPS4x			2.3	2.4	X14210
Growth Factors/Cytokines & Chemokines					
Glia maturation factor β	9.2	11.1	6.2	6.2	Z11558
Macrophage migration inhibitory factor	5.1	6.1	4.5	4.6	U62326
Macrophage inflammatory protein 2	3.8	4.6	34.2	34.6	U45965
β-nerve growth factor, β-NGF	3.5	4.2	2.2	2.2	M36589
Endothelin receptor ET-B	3.2	3.9			X57764
C5a anaphylatoxin chemotactic receptor	2.7	3.3			AB003042
Neogenin	2.5	3.1			U68726
LCR-1; putative chemokine	2.5	3			U54791
CXC chemokine LIX	2.3	2.8			U90448
Transforming growth factor, β 3	2	2.4			U03491
Granulocyte-macrophage colony-stimulating factor			7.4	7.5	U00620
PDGFA			3.6	3.7	L06894
Oncogenes/Proto-oncogenes					
v-erb-B2	4.9	5.9	5.6	5.7	X03362
N-ras	4.3	5.3	3.5	3.5	X68394
N-myc	3.4	4.1	2.8	2.9	X63281
H-ras	2.9	3.6			M13011
c-akt	2.8	3.4			D30040
c-mos	2.6	3.2			X52952
c-fos	2.3	2.8	3.7	3.8	X06769
A-RAF	2.1	2.5			X06942
Hormone Receptors					
Growth hormone receptor	2.4	2.9			J04811
Serotonin receptor	2.6	3.2			L03202
Insulin receptor	2	2.4			M29014
Tachykinin substance P	2.7	3.3			M31477
Estrogen receptor β	2.8	3.4			U57439
Insulin receptor 1	4.2	5.1			X58375
Cell Surface Antigens					
Peripheral myelin protein	2.2	2.6			M69139
Glypican 1			3.6	3.7	L34067
Protocadherin 4			3.8	3.8	AB004276
Syndecan 3			3.4	3.5	U52825
CD44 antigen; phagocytic glycoprotein I			2	2.1	M61875
PLAUR			2.2	2.3	X71899
Growth Factor & Chemokine Receptors					
LGF2R	2.4	2.9			U59809

	Fold Change				GenBank #
	HMGA1a		HMGA1b		
	β-actin	myosin	β-actin	myosin	
Up-Regulated Genes					
Growth Factor & Chemokine Receptors (cont.)					
Ephrin type-A receptor 7			3.6	3.6	U21954
TNFRSF1A			2.5	2.6	M63122
Rat embryo tyrosine-protein kinase 4			2.5	2.5	U69278
Fibroblast growth factor receptor 4			2.4	2.4	M91599
RET ligand 2			2.1	2.2	U97143
Other Receptors (by Ligands)					
Glycine receptor α 1 subunit	4	4.9			D00833
Metabotropic glutamate receptor 5	3.3	4	4.8	4.9	D10891
Transferrin receptor	2.5	3			M58040
Metabotropic glutamate receptor 1	2.4	2.9			M61099
Transmembrane receptor unc5 homolog 1			3.7	3.8	U87305
Transmembrane receptor unc5 homolog 2			2.7	2.7	U87306
Transcription Repressors					
RL/IF-1	3.2	3.9	2.4	2.5	X63594
Id3	3.1	3.8	2.8	2.9	D10864
Id1	2.7	3.3	3	3	D10862
Id2	2.3	2.7	2	2	D10863
Other Immune System Proteins					
T-cell receptor γ cluster	3.8	4.6	4	4.1	D55648
Transitional endoplasmic reticulum type ATPase	2.1	2.5	2.5	2.5	U11760
Lymphocyte antigen CD5			5.6	5.7	D10728
B7.1			3.1	3.2	AF010465
Proteosomal Proteins					
Proteasome delta subunit	2.3	2.8	3.6	3.7	D10754
Proteasome subunit alpha type 1	2	2.4	2	2	M29859
Proteasome beta subunit			2	2.1	L17127
Proteasome iota subunit			2	2	D10755
Nucleotide Metabolism					
Cytosolic thymidine kinase	8.9	10.8	46.5	47.2	M22642
Nucleosidase diphosphate kinase B	3.5	4.2			M91597
Nucleoside diphosphate kinase A	3.2	3.9	8	8.1	D13374
Adenylate kinase 3			4.6	4.7	D13062
Chaperones & Heat Shock Proteins					
Heat shock 90-kDa protein β	7.1	8.6	3	3.1	S45392
Heat shock 27-kDa protein β	6.4	7.8			M86389
Heat shock 60-kDa protein	2	2.4			X54793
Heat shock 70-kDa protein β			2	2	Z27118
Ligand-Gated Ion Channel					
Acetylcholine receptor β	4.3	5.2			X74833
P2X purinoceptor 4	3.3	4			X80477
Gamma-aminobutyric acid receptor β 1	2	2.4			X15466
Intracellular Transducers, Effectors & Modulators					
STAT3	2.5	3.1	2.9	3	X91810
ADP ribosylation factor 5			5.3	5.3	L12384
ADP-ribosylation factor 6			2	2.1	L12385
Neuropeptides					
Neuropeptide Y	3.9	4.7			M20373
Tachykinin	2.7	3.4	10.2	10.3	M34184
Prepronociceptin (neuropeptide nociceptin)			4.1	4.1	X97375
Other Enzymes Involved in Protein Turnover					
Plasma glutathione peroxidase	4.7	5.7			D00680
Testosterone-repressed prostate message 2	2	2.4	8.8	8.9	M64723
Type I procollagen C proteinase enhancer protein			2	2	U94710
Xenobiotic Metabolism					
Microsomal glutathione S-transferase 1	3	3.7	2	2	J03752
Epididymal secretory glutathione peroxidase	2.1	2.6			X62404
Glutathione peroxidase 4			2.5	2.5	X82679
Intracellular Kinase Network Members					
Male germ-cell associated kinase	3.1	3.8	2.4	2.4	M35862
LIM domain kinase 1	2.1	2.6	2.2	2.2	D31873
Phospholipases & Phosphoinositol Kinases					
Phospholipase C δ 4	3.7	4.5			D50455
Interferon γ-induced protien 10	2.9	3.5	2.1	2.2	U17035
Symporters & Antiporters					
Solute carrier family 6 member 11	7	8.5	7.7	7.8	M95738
SLC25A5	2.2	2.6			D12771
Basic Transcription Factors					
Cysteine-rich protein 2	2.2	2.7	2.8	2.8	D17512
Cysteine Proteases					
Cathepsin L	4.4	5.4	4.8	4.9	Y00697

	Fold Change				GenBank #
	HMGA1a		**HMGA1b**		
	β-actin	myosin	β-actin	myosin	
Up-Regulated Genes					
DNA Polymerases, Replication Factors, & Topoisomerases					
Proliferating cell nuclear antigen	3.7	4.4	4.7	4.7	Y00047
Major Histocompatibility Complex Proteins					
β-2-microglobulin	3.7	4.5	4.3	4.4	X16956
Protease Inhibitors					
Tissue inhibitor of metalloproteinase 2	2.8	3.4	5.8	5.9	L31884
Tumor Suppressors					
Deleted in Colorectal Cancer	8.9	10.8	3	3.1	U68725
G Protein-Coupled Receptors					
G protein coupled receptor, putative	2.1	2.5			U12006
Other Cytoskeleton & Motility Proteins					
Non-muscle cofilin	2.3	2.8			X62908
Translation Factors					
Elongation factor 2	2	2.5			K03502
Apoptosis-Associated Proteins					
Activator of apoptosis harakiri			3.9	4	D83697
Cyclins					
Cyclin D3			2.5	2.6	D16309
Exocytosis Proteins					
Lipocortin 2			2.2	2.3	S73557
Functionally Unclassified Proteins					
Prothymosin-alpha			2.5	2.5	M20035
Metalloproteinases					
Glutamyl aminopeptidase			2.9	3	S73583
Protein Modification Enzymes					
Cytochrome P450 reductase			2.1	2.1	M12516
Protein Phosphatase Receptors					
PTPLB			2.5	2.6	D38222
Voltage-Gated Ion Channels					
Annexin V			2.2	2.2	M21730
Down-Regulated Genes					
Other Immune System Proteins					
CD3 gamma subunit	4.2	5.1	3.6	3.7	S79711
Ligand-Gated Ion Channel					
GABRR1	13.7	16.6	3.3	3.4	X95579