

TNF_repressed genes, fat tissue, 1 day infusion

Description	Accession	Fold
Blood Coagulation		
Coagulation factor III (thromboplastin, tissue factor)	U07619	1.4
factor XIIIa	Y12502	1.5
Cell Adhesion		
integrin alpha chain, H36-alpha7	X65036	1.6
integrin alpha-1	X52140	1.4
Cell Cycle Control-Cell Stress		
growth arrest and DNA-damage-inducible (GADD45)	L32591	1.5
Cell Signaling		
adipocyte hormone-sensitive cyclic AMP phosphodiesterase	Z22867	1.5
Fibroblast growth factor receptor 1 beta-isoform	S54008	1.4
Insulin-like growth factor binding protein 6	M69055	1.9
LIM domain kinase 1 isoform 1 (LIMK-1)	D31873	1.4
protein kinase PASK	D88190	2.2
protein phosphatase 1 beta	S78218	1.4
protein phosphatase inhibitor-1 protein	J05592	1.9
S-100 beta subunit	S53527	1.6
Cell Stress		
Glutathione S-transferase 1 (theta)	D10026	1.6
heat shock related protein	AI171166	1.5
selenoprotein P	AI230247	1.4
Cell Structure and Cytoskeleton		
myosin regulatory light chain isoform C	S77900	1.7
Cytokine		
cardiotrophin-1	D78591	1.5
Transforming growth factor, beta 3	U03491	1.8
DNA Synthesis		
nuclear factor I/A (NFI-A1)	X84210	1.4
nuclear factor I/B (NF1-B2)	AB012231	1.6
nuclear factor I/B (NF1-B3)	AI176488	1.6
Immune Response		
mast cell protease 1 precursor (RMCP-1)	U67915	1.5
MHC class II A-beta RT1.B-b-beta gene	M36151	2.2
MHC class II antigen RT1.B-1 beta-chain	X56596	1.8
MHC class II RT1.B-alpha chain gene	X07551	2.2
MHC class II RT1.u-D-alpha chain mRNA	M15562	2
MHC class II-associated invariant chain	X14254	2.2
MHC RT1-B region class II (Ia antigen)	K02815	1.8
MHC-associated invariant chain gamma	X13044	1.6
RT1.D beta chain	X53054	1.9
Thymus cell surface antigen	AA874848	1.8
Metabolism amino acid		
alanine aminotransferase	D10354	3.2
cysteine sulfinic acid decarboxylase	M64755	1.5

fumarylacetoacetate hydrolase (FAH)	M77694	1.5
Metabolism fatty acid and lipid		
Acyl CoA synthetase, long chain	AI044900	1.7
apolipoprotein E	S76779	1.8
fatty acid synthase (EC 2.3.1.85)	M76767	4.3
fatty acid synthetase, acyl carrier protein domain	X13527	3.6
Lipoprotein lipase	L03294	1.4
malic enzyme	M26594	2.2
microsomal carboxylesterase	U10697	1.5
Perilipin	L26043	2
Metabolism glucose		
Aldehyde reductase 1 (low Km aldose reductase)	M60322	1.5
dihydrolipoamide acetyltransferase	D10655	1.4
GLUT4	D28561	2
Lactate dehydrogenase B	U07181	1.6
malic enzyme mRNA, 3' flank	AI008020	2
Pyruvate carboxylase	U32314	2.1
pyruvate dehydrogenase kinase 2 subunit p45 (PDK2)	U10357	1.6
Metabolism nucleotide		
ATPase mRNA, partial cds	U78977	1.9
Metabolism other		
aldose reductase	M60322	1.5
Epoxide hydrolase 1 (microsomal xenobiotic hydrolase)	M26125	1.7
retinol-binding protein (RBP)	K03045	1.7
Mitochondrial Function		
NADH-cytochrome b5 reductase	D00636	1.6
mitochondrial dicarboxylate carrier	AJ223355	1.4
Peroxisomal Protein		
integral peroxisomal membrane protein of 22 kDa	X70223	1.8
Peroxisomal membrane protein 1	D90038	1.5
Protein Degradation		
Carboxypeptidase E	L07281	1.6
carboxypeptidase Z	AF017637	1.7
Cystatin C (cysteine proteinase inhibitor)	AI231292	1.4
Secreted Protein		
collagen alpha 1 type V	AJ005394	1.4
collagen alpha1 type I	Z78279	1.5
Extracellular matrix protein 2	U27562	2.3
hematopoietic lineage switch 2 related protein (Hls2-rp)	AF097723	1.4
tenascin-X	U24489	2.4
tropoelastin	J04035	1.6
Transcription Regulation		
hairless protein	U71293	1.5
immediate early gene transcription factor NGFI-B	U17254	1.4
PPAR-gamma	AB011365	1.3
Thyroid hormone responsive protein (spot14)	K01934	1.6

Transport

ATPase, Ca ⁺⁺ transporting, ubiquitous	M30581	1.5
connexin (CXN-37), gap junction protein	M76532	1.8
neuronatin beta mRNA	U08290	1.6
potassium channel protein ERG (r-erg)	U75210	1.6
transferrin	D38380	1.6

Vesicle Transport

trans-Golgi network integral membrane protein TGN38	AA926242	1.7
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