

Complete Listing of 2-fold or Greater Transcriptional Alterations Following Reovirus Infection

APOPTOSIS	Genbank Accession Number *	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6 h	12 h	24 h	24 h
Mitochondrial Signaling					
Pim-2 protooncogene homologue	U77735			-2.2 ± 0.1	
MCL1	L08246			2.0 ± 0.0	2.2 ± 0.0
BAC 15E1- Cytochrome C oxidase polypeptide	AL021546			2.1 ± 0.0	
Par-4	U63809			2.1 ± 0.0	
HSP-70 (Heat Shock Protein 70 testis variant)	D85730			2.2 ± 0.1	
BNIP-1 (BCL-2 Interacting Protein)	U15172			2.3 ± 0.2	
SMN/Btfp44/NAIP (Survival Motor Neuron/Neuronal Apoptosis Inhibitor Protein)	U80017			2.5 ± 0.1	
DRAK-2	AB011421			2.8 ± 0.2	
Sip-1 (Survival Motor Neuron Interacting Protein)	AF027150			3.0 ± 0.2	
DP5-neuronal Death Protein	D83699			5.5 ± 1.1	
ER-Stress Induced Signaling					
ORP150	U65785			-2.4 ± 0.2	
GADD 34 (Growth Arrest and DNA Damage Inducible)	U83981	6.8 ± 0.2		3.7 ± 0.2	2.9 ± 0.2
GADD 45 (Growth Arrest and DNA Damage Inducible)	M60974		3.3 ± 0.2	4.9 ± 0.1	4.4 ± 0.1
Death Receptor Signaling					
BCL-10	AJ006288			5.6 ± 1.1	
PML-2	M79463			3.4 ± 0.3	
Ceramide glucosyltransferase	D50840			4.0 ± 1.2	
Sp100	M60618			6.5 ± 0.3 5.8 ± 0.6	
Proteases					
Calpain (Calcium-activated neutral protease)	X04366			-2.6 ± 0.1	
Beta-4 adducin	U43959			-2.1 ± 0.1	
Caspase 7 (Lice-2 Beta cysteine protease)	U67319			2.6 ± 0.2	
Caspase 3 (CPP32)	U13737			3.2 ± 0.2	2.8 ± 0.1
Undefined					
Frizzled related protein	AF056087			-2.5 ± 0.1	-3.3 ± 0.5
TCBP (T Cluster Binding Protein)	D64015			3.3 ± 0.2	
Cug-BP/hNAb50 RNA binding protein	U63289			6.6 ± 1.1	

DNA REPAIR	Genbank Accession Number*	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6 h	12 h	24 h	24 h
DNA Ligase 1	M36067			-8.2 ± 1.1	
PARPL [Poly (ADP-ribosyl) transferase]	AF057160			-6.3 ± 0.7	
XP-C repair complementing protein (p125)	D21089			-3.4 ± 0.1	
DNA Polymerase Gamma	U60325		-1.9 ± 0.1	-2.9 ± 0.1	
ERCC5	L20046		-2.7 ± 0.1		
DNA Polymerase Alpha	L24559			-2.5 ± 0.2	
HLP (Helicase-like Protein)	U09877		-2.4 ± 0.1		
GTBP (G/T mismatch binding protein)	U28946		-2.0 ± 0.1	-2.1 ± 0.0	
DDB2 (Damage specific DNA binding protein p48 subunit)	U18300			-2.0 ± 0.0	
RAD 54 homologue	X97795			-2.0 ± 0.1	
Mi2 autoantigen	X86691		-1.3 ± 0.1	-2.0 ± 0.1	
MMS2	AF049140			2.1 ± 0.0	
Rad-51 Interacting Protein	AF006259			2.6 ± 0.2	
Rec-1	AF084513			2.4 ± 0.4	

CELL CYCLE	Genbank Accession Number*	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6 h	12 h	24 h	24 h
G1S Transition					
Cyclin E	M73812			-2.8 ± 0.1	
Cyclin E2	AF091433			2.1 ± 0.2	
Ring 4	X57522			2.0 ± 0.1	
Histone 2A	AI885852			2.1 ± 0.1	
Nuc-2 Homologue	S78234			2.1 ± 0.2	
C-1	U41816			2.2 ± 0.1	
Histones H2B.1 and H2A	X57985				2.8
ANA	D64110			2.9 ± 0.1	2.5
Histone H1	X03473			2.9 ± 0.1	
Histone H2B	X00088, AL009179, Z80782, Z80780 Z80779, AA873858			3.2 ± 0.2	2.0
G2/M Transition					
PP2-A (Protein Phosphatase 2A B56-beta)	L42374		-3.1 ± 0.3		
Ki67 antigen	X65550		-1.9	-2.3 ± 0.2	
C-2K (cdc2-related protein kinase)	X80230		-2.1 ± 0.1		
FRP-1 (Frap-related protein)	U49844			-2.1 ± 0.1	
Ki Nuclear Autoantigen	U11292			-2.0 ± 0.0	
PCTaire-2 Binding Protein	AB025254			2.0 ± 0.3	
Wee-1 (CDK tyrosine 15 kinase)	U10564			2.4 ± 0.1	
	X62048			2.5 ± 0.1	
Nuclear Autoantigen GS2NA	U17989			2.4 ± 0.2	2.5
PCTaire-2	X66360			2.6 ± 0.1	2.7
Clk-3 Protein Kinase	L29217			2.9 ± 0.1	2.3
Chk-1	AF016582			3.2 ± 0.1	
CLK protein kinase	M59287			3.5 ± 0.2	3.9
GADD 34 (Growth Arrest and DNA Damage Inducible)	U83981	6.8 ± 0.2		3.7 ± 0.2	
SAK (serine/threonine protein kinase)	Y13115			3.8 ± 0.5	
GOS 24 (Zinc Finger transcriptional regulator)	M92843	2.6 ± 0.2		4.9 ± 1.0	
Post-G2M Mitotic Spindle Regulation					
MPP11 (M-phase phosphoprotein 11)	X98260			2.0 ± 0.1	
Bub-3 (mitotic checkpoint kinase)	AF047472			2.2 ± 0.1	
Zwint (ZW10 interacting protein)	AF067656			2.6 ± 0.0	

SIGNAL TRANSDUCTION/ REGULATORY PROTEINS	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
Gem GTPase	U10550			8.9	
Protein phosphatase 2c alpha	AF070670			5.3	
AMP-activated protein kinase alpha 1	AB022017			4.7	
hVH protein tyrosine phosphatase	U27193			4.2	
Protein Kinase A anchoring protein	AF037439			3.9	
Phosphoenolpyruvate carboxykinase (PCK-1)	L12760			3.7	
RACK 17 (x 2)	U48250			3.0	
				2.1	
Protein Kinase	HG3484-HT			3.3	
RhoE	S82240			3.0	
MEKK-1	AF042838			2.9	
Protein tyrosine phosphatase	X68277	2.0		2.9	9.5
RAB5	M28215			2.9	
Protein tyrosine phosphatase	M252393			2.8	
p-190B	U17032			2.7	
Geranyl-geranyl transferase type I	L252441			2.7	
GBP-2	M55542			2.7	
PRP4h	U48736			2.6	
PCTaire-2 (x2)	X66360 AB025254			2.6, 2.0	
KHS-1	U77129			2.6	
PCK1	L05144			2.6	
Guanine nucleotide regulatory protein G13	L22075			2.4	2.1
Dual specificity phosphatase tyrosine/serine (X2)	L05147			2.4, 2.1	
sMad5	U59913			2.4	
CAP2	U02390			2.3	
PI-TP-beta	D30037			2.3	
Rolipram-sensitive 3'5'' camp phosphodiesterase	U02882			2.3	
Calcineurin	M29550			2.3	
Mad-3 encoding IKB-like activity	M69043	2.2			
Arg protein tyrosine kinase BP	X95632			2.2	
Protein tyrosine phosphatase	U27193			2.2	10.5
Gaq	U43083			2.2	
TRPC1	X89066			2.1	
AK2A	U84371			2.1	
RAS and flanking regions	X02751			2.1	
MKK4 (Map kinase kinase 4)	L36870				2.1

Ras-like protein TC21	AI365215			2.0	
ATP-GTP putative binding protein	AJ010842			2.0	
Sprouty-1	AF041037			2.0	
Lipocortin	X05908			2.0	
Serine/Threonine Protein Kinase	D86550			2.0	
WFS1	AF084481		-5.4	-9.6	
Notch 3	U97669		-5.8	-8.1	
Myo9b	AF020267			-7.6	
RPS6KA1	AI662650			-6.3	
EBP50	AF015926			-6.0	
Frizzled	L37882 (x2)		-2.5 -2.4	-5.6 -4.1	-3.3
Frizzled related protein	AF056087			-2.5	
Agrinine methyltransferase	X99209			-4.3	
S-adenosylmethionine synthetase	X68836			-3.8	-2.4
Autotaxin	L35594		-3.7	-3.6	
Calcium ATPase (HK2)	M23115		-3.6	-3.6	
TM7SF2	AF323676			-3.3	
MAP kinase kinase 3b	D87166		-1.4	-3.1	
MAP kinase kinase 3 (MKK3)	L36719			-2.5	
Integrin Beta 5 subunit (x2)	X53002 M35011		-1.8	-3.1 -2.4	
E16	M80244			-2.8	
Glypican	X54232			-2.8	
LAR protein	Y00815		-4.3	-2.7	
Intersectin	AF064243			-2.5	
ABR	U01147			-2.4	
ELP-1	M88458			-2.4	
Clone 341E18	AL031178			-2.3	
ITPR3	U01062 D26070		-2.3 -2.5	-2.3	
Gi protein alpha subunit	X04828			-2.3	
PI4Kb	U81802			-2.2	
RP1	X94232			-2.2	
Tyk2	X54637		-2.1	-2.1	
PDE8A	AF056490			-2.1	
PI-TP-alpha	D30036			-2.1	
EPHB2v	AF025304			-2.1	
Protein kinase C delta type	D10495		-1.8	-2.1	
A-28 RGS 14p	U70426			-2.0	
Receptor tyrosine kinase	U18934		-2.0	-2.0	
MAPKAP kinase 3pk	U09578			-2.0	
STAT-6	AF067575			-2.0	
HT 31	HG2167-HT22		-6.4		

Dual specificity phosphatase SBF1	U93181		-4.9		
Integrin alpha -7	AF032108		-4.6		
CCK4	U33635		-4.6		
Beta-gal alpha 2,3 sialyltransferase (SIAT4A)	L13972		-3.6		
Protein Phosphatase 2AB56	L42374		-3.1		
ULK1	AF045458		-2.6		
STK11	AF035625		-2.2		
PARG 1	U90920		-2.2		
YSK1	D63780		-2.2		
Integrin alpha 6B	S66213		-2.2		
HTK	U07695		-2.0		
1D-myoinositol-triphosphate 3 kinase B isoenzyme	X57206		-2.0		
Adenylyl cyclase type IX	AF036927		-2.0		

TRANSPORT	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
Mitochondrial solute carrier protein	M31659			5.4	
Peroxisomal membrane protein PEX-13	AF048755			5.0	
Glut 3	M20681			3.2	
Glut 5	M55536			3.1	
Importin - 6	AF005361			2.3	
TIM 17 (x2)	X97544 (x2)			2.2, 2.2	
SFT	AF020761			2.1	
RING4	X57522			2.0	
Mitochondrial solute carrier protein	M31659			5.4	
Peroxisomal membrane protein PEX-13	AF048755			5.0	
Glut 3	M20681			3.2	
Glut 5	M55536			3.1	
ATP-binding transport family 24410	A1004207		-1.9	-8.2	
H5466676	AF070598		-5.0	-5.5	
Cystinosin	U66676			-2.6	
Glucose 6-phosphate translocase	AJ222967			-2.7	
SHMT	Y15409			-2.8	
SLC6A8	L11931			-2.2	
Neutral AA transporter B	U36341		-1.6	-2.1	
hENT1	U53347			-2.0	
Gamma Adaptin G2AD	U81375			-2.0	
Copper transporting ATPase	AF068706		-8.1		
	U11700		-2.9		-2.8

Transferrin receptor	X01060 M11507 (x2)		-2.9 -2.6 -2.6		-1.8
PEX 1	AF026086		-2.2		
SEC 14L	D67029		-2.0		

TRANSCRIPTION FACTORS	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
TRIP 14 (Thyroid receptor interacting protein)	L40387	6.0	47.8	41.0	
ATF-2 (CRE-BP-1)	L05515			7.8	
PILOT	X63741			5.2	
TREB	X55544			5.2	
c-jun	J04111 (x2)				5.0, 4.4
Gos 24	M 92843			4.9	
Homeodomain Protein OG12	AF022654			4.7	
IFP-35	U72882			4.5	
Sp-1	J03133			4.6	
PSE-binding factor PTF gamma subunit	U44754		1.9	4.5	
DB-1	D28188			4.5	
ATF-3	L19871	5.2	6.1	4.1	16.2
TIP60	U74667			3.9	
SL1	L39060			3.8	
Rip-1	U55766			3.5	
Rad-51-interacting protein	AF006259			2.6	
Jem	U79751			2.6	
TAFII100 (X 2)	X95525 U75309			2.6, 2.4	
Rab	L42025			2.6	
ATF-6	AF005887			2.5	
ZABC1	AF041259			2.5	
S2P	AF019612			2.5	
YAF-2 (YY1-associated factor)	U72209 (x2)			2.5, 2.6	
TBP-associated factor (hTAFII100)	U75309			2.4	
C/EBP gamma	U20240			2.4	3.5
CREM	S68271			2.3	2.0
RIP140	X84373			2.3	
TRIP 15	L40388			2.3	
ZFX	X59739			2.3	

SRB-7	U52960			2.2	
NF-IL6	X52560				2.2
BACH1	AB002803			2.1	
E2F-6 putative transcriptional repressor	AF041381				2.1
RPC 39	U93869			2.0	
Pirin	Y07867			-4.0	
RNA helicase A	L13848			-3.3	
SREBP-1	U00968		-1.9	-3.3	
SL1	L39059			-3.1	
RNA helicase A	L13848			-2.5	
RNA Polymerase II largest subunit	X63564		-1.8	-2.2	
E2A	M31523		-1.7	-2.2	
	M31523		-4.7		
TCF-1 (splice form C)	X59871			-2.1	
TFII-I	AF015553			-2.0	
Sip-1	AF080561		-2.2	-2.0	
	AF0030234		-2.6		
p300	U01877		-2.3		
SRrp129	Y11251		-2.3		
ES/130	AF006751		-2.3		
RNA Helicase- MOI	AB028449		-2.0		

ZINC FINGERS	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
C2H2-171	U38896			5.0	
Gos 24	M92843	2.6		4.9	
Clone 431 (x 2)	X16281			4.5, 3.5	5.6
Novel ZF protein	AL031118			4.3	
DB1	DT8118			3.5	
PML-2	M79463			3.4	
Ta-1 zinc-finger DNA-binding motifs	M93119				3.2
ZF-9	AF001461		2.0	2.9	
MOK-2	X82125			2.9	
C2H2 (ZNF189)	AF025770			2.9	
ZID	X82018			2.8	
KIN17	AJ005273			2.8	
ZEB	U19969			2.6	
YAF-2 (x 2)	U72209 (x2)			2.6, 2.5	
52 kD SS Ro autoantigen	M62800			2.4	
ZN15-related ZF protein	U22377			2.3	

(rlf)					
BCL-6	U00115			2.3	
Clone 354J5	Z95118			2.3	
Hemopoetic cell derived ZF protein	AF054180			2.2	
Mid 1	AF041210			2.1	

HORMONE RECEPTORS	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
TSH-alpha subunit	S70585			5.5	
EAR-1	D16815			5.4	
NOT	X75918			3.4	
Glucocorticoid Receptor Beta	HG4582-HT			3.2	
Glucocorticoid Receptor Alpha	M10901			2.1	
LDL receptor	L00352		-5.1	-11.4	-6.0
Human peroxisomal proliferator-activated receptor	L07592			-5.5	
DEPP	AB022718			-3.4	
LDL receptor member LR3	AF077820		-2.7		
EBBP	AF096870			-2.5	
Novel glucocorticoid receptor-associated protein	Z35491			-2.2	
STP2	U34804			-2.2	
Insulin-like Growth Factor II Receptor	Y00285		-6.0		
Ear-7	M24899		-4.1		
Stanniocalcin precursor (STC)	U25997		-2.2		

GROWTH FACTORS	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
BST-2	D28137			21.9	
CTGF (Connective Tissue Growth Factor)	X78947		3.1	17.6	
BFGF (x 2)	J0413 M27968			3.9 3.7	
FGF-9 (x 2)	D14838 (x2)			3.4 3.4	2.3
IFRD-1	Y10313			3.6	
DEC-1	AB004066			2.4	
HOX 5.1 gene (x3)	X17360 (x3)			2.5, 2.1, 2.1	

HOX 5.4	HG3502-HT			2.2	
HOX 1.3	M26679			2.3	
Dual specificity phosphatase tyrosine/serine (X2)	L05147 (x2)			2.4, 2.1	
sMad5	U59913			2.4	
Adrenomedullin AM	D14874			2.0	
Sprouty-1	AF041037			2.0	
IGFBP-5 (x4)	L27560		-1.9	-5.2, -4.9, -4.7, -4.1	-3.4
Novel GF receptor	M64347			-3.5	
B94	M92357			-2.9	
Beta 1,3 N-acetylglucosaminyltransferase	AF029893		-1.7	-2.8	
INSIG1	U96876		-2.5	-2.5	
MEGF7	AB011540		-2.6		
HOX2A	M92299		-2.4		

CANCER	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
Hem 45	U88964		12.1	21.2	
Oncogene TLS/CHOP	S62138 (x2)		3.9		17.0 14.0
CYR61 gene	Y11307		2.8	6.6	5.0
TRA-1	AB006746		2.6	8.7	
BRCA1, Rho7, and VaH genes, Ipf35 gene	L7833			9.4	
MSGA (Human gene for melanoma growth stimulatory activity)	X54489	7.4			
NMi	U32849			5.7	
Ear-1	D16815			5.4	
Hep27	U31875			4.7	
Fusion protein RARA/myl	M82827			4.3	
Sequence in lung carcinoid	AA928996			4.2	
Prostate CA cDNA	AI525962			3.2	
Glycoprotein 4F2 Antigen Heavy chain	J02939		2.1		
NUP-98 (nucleoporin)	U41815		2.0		
Parathyroid tumor EST	W37606			2.5	
YAP-65	X80507			2.5	
FOP (FGFR1 oncogene partner)	Y18046			2.4	
Bcl-6	U00115			2.3	
H4	S72869			2.2	
Caltractin	AI056696			2.2	
MSSP-1	D82351			2.0	

Adrenomedullin	D14874			2.0	
3p21.1 gene	L13434			2.0	
CRKII	D10656			2.0	
PCDH7	AB006755		-4.2	-5.4	-2/0
LM1955H105e3	AF027974			-4.6	-2.0
HHCPA78 homologue – VDUP-1 gene	S73591		-1.8	-3.4	
Pooled germ cell tumor cDNA	A1652660			-6.2	
Anaplastic oligodendroglioma cDNA	A1566877			-2.7	
Ovarian cancer cDNA	A1057614		-2.2	-3.2	
N2A3	U97105			-2.3	
Tumor suppressor gene 21-isoform I	AF040707			-2.3	
Lung tumor cDNA	AA522891			-2.2	
MLN 50	X82456			-2.2	
Rfp transforming protein	J03407			-2.1	
MEN1 gene	U93237			-2.0	
HSMYC-1	V00568			-2.0	
OS4	AF000152			-2.0	
c-erb-B-2 (also known as HER2 protooncogene)	X03363 M11730		-5.5 -3.1		
RBQ1	X85133		-3.7		
PRAME gene	U65011		-2.0		
BRCA1, Rho7 and raf1 gene combined cDNA	L78833		-2.0		

DEGRADATION	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A		T1L	
		6	12	24	24
Ubiquitin conjugating enzyme E2	AA883502			9.7	
Ubiquitin-conjugation enzyme UbcH2	Z29331				6.4
UBA-3	AF046024			2.6	
Ubiquitin hydrolase	X98296		2.8		
MMS2	AF049140			2.1	
Ubiquitin-conjugation enzyme UbcH5	HG3344-HT			2.4	
16ho3.s1 clone	AA808961			2.3	
Prolyl oligo peptidase	X74496			-3.8	
UFD1L	U64444			-2.1	
Nexin precursor	A1743134			-2.1	

TRANSLATION	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
SIP-1	AF27150			3.0	
MRNA cap binding protein	M15353			2.7	
Rbet1	AF007551			2.6	
IRP-2	U20180			2.4	
Splicing factor	AF107463			2.4	
EIF-2B epsilon	U23028			2.2	

CYTOKINE/CHEMOKINE	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
Rantes (X3)	M21121(x3)	9.1	48.2, 32.9, 5.7	53.9, 27.9, 6.6	
Human interleukin 8 (IL8) gene	M28130	10.8			
TNF-alpha inducible protein A20	M59465	7.7			
ITAC	AF030514		3.0		
Cytokine GRO-beta	M36820	3.0			

INTERFERON-RELATED	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
Cig 49 (x 2)	AF026939	18.8	104.5	153.2	
2-5 oligoadenylate synthetase 59kD isoform	AJ225089	8.7	113.3	91.3	
Cig 5	AF026941		14.3	98.5	
ISG-54 K gene (x2)	M14660 (x2)	21 16.6	58.2, 72.8	80.0, 107.5	
17kD protein, zx57e04.r1 clone	AA203213	9.6	32.5	56.5	
P27	X67325			47.3	
56kD protein (x 2)	M24594	12.0 34.0	48.2, 17.3	30.5, 11.3	
Human nuclear phosphoprotein	L22342			25.8	
6-16 gene	U22970			17.3	
1-8U gene	X57352			14.0	
2'5'a Synthetase	X04371			28.8	

17/15 kD protein	M13755	4.3	18.0	20.5	
Member of 9-27 gene family (x 2)	J04164		27.6, 2.6	23.7	
p44	D28915		7.0	36.5	
ISGF-3 (x 7)	M97935 M97936		6.4, 4.6, 4.5, 3.9, 3.5, 3.3,, 2.5	30.5, 15.5, 15.0, 10.1, 10.6, 7.0, 3.9	
58 K protein R158	U34605		3.8	9.3	
IRF-7	U53831			9.4	
Staf 50	X82200			7.6	
P69 2-5A Synthetase	M87434			6.1	
MX B	M30818			5.8	
IFP-35	U72882			4.7	
IFRD-1 (PC4) Interferon-related developmental regulator	Y10313		2.2	3.6	3.7
IF1-16	M63838			3.1	
GBP-2	M55542			2.7	
CIRF-3 Interferon responsive transcription factor	M87503		14.4		
HSIFD6 human fibroblast interferon beta 1	V00535	6.9			
Gamma interferon inducible early response gene	X02530	5.7	9.6		
ITAC	AF030514		3.0		
RING 4	X57522			2.0	
Tyk-2	X54637		-2.1		

NEURONAL	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
KIAA Genes					
0412	AB007872			7.9	
0410	AB007870			7.7	6.0
0569	AB011141			4.6	
0940	AB023157			4.3	
0615	AB014515			3.2	
0222	D86975			3.1	
0419	AB07879			3.0	
0882	AB020689		2.3	3.0	2.2
0271	D87461			3.0	
0483	AB007952			3.0	2.2
0335	AB002333			2.9	
0256	D87445			2.9	
0105	AB011102			2.8	
0530	AB014528			2.7	
0628	D43636			2.7	
0096	AB028964			2.7	
1041	AB028948			2.5	
1025	D31886			2.5	
0066	A020694			2.5	
0887	AB023236			2.4	
0989	D25218			2.4	
0112	AB018322			2.3	
0779	AB028969			2.2	
1046	D42087			2.2	
0118	AB028956			2.2	
1033	D14661			2.2	
0941	AB023158			2.1	
0398	AB007858			2.1	
0157	D63877			2.1	
0862	AB020669			2.1	
0186	D80008			2.0	
0459	AB007928			2.0	
0137	D50927			2.0	
Neurofibromin NF-1	D42072		2.8	4.2	
B-transducin	AJ005257			5.4	
N-WASP	D88460			4.0	
Substance P beta PPT-A	U37529			3.6	
Retinal cDNA (x 5)	W28281		3.0	3.3,	
	W26762			2.3,	
	W28205, W26521			2.1, 2.1	

Phosducin-like	AF031463			3.1	
EUROIMAGE 31619 Clone	AL109722			2.8	
NSCL-2 protein	M96740		2.1	2.6	
DSCR1	U85267			2.5	
MJD1	U64820			2.4	
Syntaxin 3	U32315			2.4	
KIAA Genes:					
0466	AB007935		-3.4	-6.6	
0404	AB007864		-7.8	-6.2	
1062	AB028985		-4.5	-5.8	
0294	AB002292			-5.7	
0724	AB018267		-4.9	-5.2	
0353	AB002351		-2.2	-4.8	
0349	AB002347		-2.1	-4.5	
0237	D87074			-4.2	
0799	AB018342		-1.9	-4.2	
0310	AB002308			-4.1	
0018	D13643			-4.0	
0417	AB007877			-3.7	
0546	AB011118		-3.4	-3.4	
0337	AB002335		-1.7	-3.1	
0100	D43947			-3.1	
0747	AB018290		-3.5	-3.1	
0533	AB011105		-2.4	-3.0	
0524	AB011096			-3.0	
1080	AB029003			-3.0	
0091	D42053			-3.0	
0123	D21064		-1.7	-2.9	
0906	AB020713		-2.7	-2.9	
0988	AB023205		-5.8	-2.9	
0612	AB014512			-2.9	
0676	AB014576			-2.8	
0350	AB002348			-2.6	
0560	AB011132			-2.6	
1055	AB028978			-2.5	
0172	D79994			-2.4	
0361	AB002359		-1.7	-2.4	
0511	AB01183		-2.0	-2.4	
0991	AB023208			-2.3	
0456	AB007925			-2.3	
0785	AB018328			-2.2	
0144	D63478			-2.2	
0279	D87469		-2.3	-2.2	
0975	AB023192		-1.6	-2.2	
0315	AB002313		-1.7	-2.2	
0792	AB018335			-2.1	

0607	AB011179			-2.1	
0918	AB020725			-2.1	
0274	D87464		-1.6	-2.1	
0152	D63486			-2.0	
0911	AB020718			-2.0	
1071	AB028994		-1.7	-2.0	
0736	AB018279			-2.0	
1049	AB028972			-2.0	
Neuronal pentraxin	U61849		-2.3	-4.9	
STM-2	L43964			-3.7	
GM2-activator protein A	X62078			-3.2	
Retinal cDNA (x6)	W26633			-3.8	
	W28892			-2.3	
	W28944			-2.2	
	W26480			-2.1	
	W26266		-2.4		
			-2.0		
Schizophrenic brain frontal lobe library	AA663800			-2.9	
JM23 protein	AJ005892			-2.7	
Clone 24711	AF055029		-2.9	-2.7	
Clone 24515	AF070551			-2.7	
NTE	AJ004832		-3.0	-2.5	
Neuroglycan C	AF059274			-2.5	
CAGH32	U80743			-2.3	
NPTX2	U29195			-2.3	
Synaptogyrin 1a	AL022326			-2.2	
Myoinositol monophosphate 2	AF014398			-2.0	
Drebin E	D17530			-2.0	
Infant brain cDNA	H10776		-2.7		
Clone 23815	U90916		-2.3		
SCA1 for ataxin	X79204		-2.1		
EN02	X51956		-2.0		

MISCELLANEOUS	Genebank Accession	Fold change in expression at the indicated time after infection with:			
		T3A			T1L
		6	12	24	24
Novel gene in bone osteoblast	AB000115		8.1	59.1	
Human beta-thromboglobulin-like protein		11.1			
	M17017				
Atrophin-1 interacting protein	AF038564			5	
BAC-clone RG163K11 from 7q31	AC005192		2.9	4.1	4.3
Dystrobrevin - delta	U26742			4.0	

Melanocyte cDNA (x2)	H82458			3.8 3.6	
Activated B-lymphocyte cDNA	AI133727			3.	
EYA-4	Y17114				
FXR-1 (Fragile X mental retardation protein 1 homologue)	U25165			2.8	2.1
PAC-clone DJ0978E18	AC004940			2.9	
Tandem repeat sequence	U00957			2.9	
Clone 129L7	AL049842			2.9	
Ribulose 5-Phosphate Epimerase	AJ224326			2.9	
Clone 1183I21	AL035447			2.9	
Clone 465N24	AL031432			2.9	
Clone 625H18	AL022726			2.8	
LSM-5 protein	AJ238097			2.7	
47e7 cDNA	W28281				2.7
52kD SS-A/Ro autoantigen	M62800		2.2	2.4	
DKFZ proteins					
DFKZp566C0424	AL055028			16.1	
p564p056	AL049340			5.4	
p434B2222	AL042733			3.6	
p564L0562	AL080090			3.6	
p564A032	AL050267			3.4	
p566B183	AL050272			3.1	2.4
p586C1620	AL120559			3.0	
p761B219	AL050144			3.0	
p586G222	AL080111			2.9	
p5641052	AL080063			2.8	
p586B211	AL049423			2.8	
p434H071	AL080173			2.8	
p586E1923	AL050201			2.5	
p586G0421	AL047596			2.5	
p434A012	AL096752			2.5	
p564F1862	AL080081			2.3	
p434N103	AL080142			2.3	
p564M112	AL080070			2.2	
p566K023	AL050062			2.2	
p761B0810	AL118582			2.2	
p434J214	AL080156				2.2
p586A191	AL049422			2.1	
p58601919	AL049417			2.1	2.3
p564E1922	AL049940			2.1	
p586H0519	AL050105			2.0	
p586F1918	AL050091			2.0	
p564B102	AL049970			2.0	
p564K1216	AL049933			2.0	

Fetus EST (X4)	AI056696 AA442799 AI057115, AI375033			2.7, 2.7, 2.7, 2.2	
BAC clone	AC004381			2.7	
RP58	AJ223321				2.6
ATL-derived PMA-responsive peptide (APR)	D90070				2.5
dTDP-D glucose 4,6 dehydratase	AJ006068			2.5	
Uterus EST	AA114380			2.5	
Melanocyte EST	N36267			2.5	
Human decay accelerating Factor	M31516			2.4	
Cd34+ stem cell cDNA	AF150247			2.4	
FHL2	U29332			2.4	
PGAM	J04173		2.0	N/A	
Clone 5-23-3	L48692			2.4	
Clone 734H22	AL035699			2.4	
GPAT (Glutamine PRPP amidotransferase)	U00238			2.3	
7-60 protein	AF109134			2.3	
Testis cDNA	AA453183			2.3	
32g11 cDNA	W26521				2.3
MRJ	AB014888				2.2
KLO4P	AF064094			2.1	
dJ93k23.2	AL031685			2.1	
Protein F Isologue	AA917945			2.1	
Capping protein alpha	U03851			2.0	
WS-3	D84145			2.0	
DKF2 genes					
p564L0822	AL049949		-2.9	-11.4	
p586J0619	AL050110			-3.9	
p566H0124	AL050035			-3.1	
p586F1019	AL050102			-3.1	
p586C201	AL050118		-1.9	-3.0	
p434F152	AL096737			-2.9	
p586AO522	AL050159		-2.3	-2.8	
p586L0120	AL050154		-2.8	-3.4	
p7610088	AL0120374		-2.3	-2.7	
p5640243	AL050015			-2.5	
p564G0222	AL080115			-2.1	
p564p1564	AL037167			-2.0	
p434B0222	AL042729			-2.0	
p564D246	AL049324				-2.0
GAMT	Z49878			-12.8	
Chromosome 21 carbonyl reductase	AB003151			-12.0	
Plectin	U53204		-15.5	-11.1	
KHK	AJ005168		-2.2	-10.1	
Lysosomal protective protein precursor	AL008726			-7.2	

COL2A1	L10347		-5.2	-6.8	
HEXIM 1	AB021179		-3.3	-5.8	-3.4
IDH	AF020038		-1.8	-5.4	
165 kD skeletal muscle protein	X69089			-5.2	
Gamma glutamic carboxylase	L17128			-5.1	
Type 4 collagen alpha 2 chain	X05610		-3,5	-4.7	
Heart 3-hydroxybutyrate dehydrogenase	M93107			-4.6	
Liver/Spleen Fetal	W87466			-4.4	
Lysyl oxidase like protein gene	U24389			-4.4	
Beta tubulin gene	X00734			-4.2	
Glycine decarboxylase	D90239			-4.1	
Fetal cDNA	AA428150			-4.1	
BAC-clone RG041D11	AC005053			-3.6	
Fibrillin-2	U03272		-6.1	-3.6	
Hypothetical protein	AJ237839			-3.5	
Phosphoethanolamine cytidyl transferase	D84307			-3.4	
2-oxoglutarate dehydrogenase	D10523			-3.4	
Glycogen synthase	J04501			-3.2	
Alpha-n-acetyl galactosaminidase	Z99716			-3.2	
Liver cDNA	AF042357		-2.4	-3.2	
Podocalyxin	U97519		-2.0	-3.0	
Selenium binding protein hSBP	U29091			-3.0	
13f12 cDNA	W25798				-3.0
Human dystroglycan DAG1	L19711		-1.8	-2.9	-2.5
Liver alpha L fucosidase	M29877			-2.9	
Clone 23584 (x2)	AF035292 (x2)		-2.3	-2.9	
			-2.7	-2.3	
Thymus cDNA	AW024285		-2.1	-2.8	
Delta sterol reductase	AF034544			-2.8	
Cytochrome p450 reductase	S90469			-2.7	
Clone 24711	AF055029			-2.7	
Galactokinase gene (GALK 1)	L76927			-2.7	
Collagen IV	D21337		-1.7	-2.7	
B-galactosidase GLB-1	M34423			-2.7	
Squalene epoxidase	D78130		-1.5	-2.7	
Disulfide isomerase-related protein	A1262789			-2.6	
Phospholipase C	M37238			-2.6	
MICA	X92841			-2.6	
Melanocyte cDNA (x2)	N23127			-2.5	
	(x2)			-2.4	
HIRA	X89887		-1.7	-2.4	
PAC 612B18, Chromosome 1	AL049669				-2.4
SSADH	AL031230			-2.3	
Filamen (ABP-280)	X53416		-2.5	-2.3	

DJ167AI9.1	AL031427			-2.2	
2.3 oxidosqualene lanosterol cyclase	U22526		-1.5	-2.2	
Adrenodoxin reductase	J03826			-2.1	
Versican (x2)	X15998 (x2)		-2.1	-2.1	
			-2.2	-2.1	
Very long chain acyl CoA synthetase	D88308			-2.1	
Host cell factor 1	U52112		-1.9	-2.1	
Dienoyl CoA Isomerase	AF030249			-2.1	
CD9	M38690			-2.0	
HSN	U03057			-2.0	
Phosphoribosylpyrophosphate synthetase-associated protein 39	D61391			-2.0	
CAD	D78586		-2.1	-2.0	
Fanconi Anemia Gene FAA	X99226		-8.5		
Mitochondrial aldehyde dehydrogenase X gene	M63967		-5.2		
RP1 And Complement C4B Precursor	U24578		-5.1		
Alpha-1 Collagen Type IV	M26576		-5.1		
Testis cDNA	AI018098		-4.0		
	AI143868		-3.5		
Beta II spectrin	AF026488		-4.0		
Filamin	AJ012737		-3.2		
TNF-alpha converting enzyme	U69611		-3.2		
Beta-2 Laminin X2 (LAMB 2)	X79683		-3.0		
	M55210		-2.4		
Kidney cDNA	AI538172		-2.9		-2.0
AHNAK	M80899		-2.8		
Protein B	U47926		-2.7		
Fetal lung cDNA	N95229		-2.7		
Proteoglycan PG-MLV3	D32039		-2.4		
cDNA with MER element	AI670100		-2.3		
CBX-6 gene	AL008583		-2.1		
Agrin	AF016903		-2.1		
SCO-1 and SCO-2 homologues	AL021683		-2.1		
XE169	L25270		-2.0		
Sulfite oxidase	L31573		-2.0		
pM5	X57398		-2.0		