

Supplemental table 1

gene	nameFwd	fwd	nameRev	rev	description	median
ACTIN.F	ACTIN.F	TCACCCACACTGTGCCATCTACGA	ACTIN.R	CAGCGGAACCGCTCATTGCCAATGG	ACTIN.F	31.32
BACTIN.F	BACTIN.F	ATTGCCGACAGGATGCAGAA	BACTIN.R	GCTGATCCACATCTGCTGGAA	BACTIN.F	35.43
GAPDH.F	GAPDH.F	GAAGGTGAAGTGGGAGTC	GAPDH.R	GAAGATGGTATGGGATTTTC	GAPDH.F	35.03
HPRT	HPRT	TTCTTGTCAGGACAGTATAATCC	HPRT	AGTCTGGCTATATCCAACACTTCG	HPRT	33.21
nm_000029	000029f	ttgagcaatgacgcactc	000029r	ttgtaagctgttggtagactc	Human angiotensinogen mRNA, complete CDS.	31.9
nm_000040	000040f	cagttccctgaagactactg	000040r	acggctgaagttggtctga	Homo sapiens apolipoprotein C-II (APOC3), mRNA.	29.8
nm_000132	000132f	caaaaagtggtgctcaagtg	000132r	ctcttccacatacatgctggt	Human coagulation factor VIII:C mRNA, complete cds.	34.53
nm_000201	000201f	ggctcagcagctacctcta	000201r	gcttgtgttgcggtttcat	ICAM-1	33.92
nm_000295	000295f	tttagagccataccatcgtc	000295r	ccacttttccatgaagagg	Human alpha-1-antitrypsin mRNA, complete cds.	27.26
nm_000359	000359f	ttgaggcaatgaacacagtg	000359r	ggagagctgtgggtctgc	Homo sapiens transglutaminase 1 (TGM1), mRNA.	31.96
nm_000417	000417f	agtgagacttctcctcgtc	000417r	cctgtactctgtttaaattgga	Human interleukin-2 receptor mRNA (short form), complete cds.	32.97
nm_000450	000450f	ctcgtctactactgtgaagc	000450r	aagccagagagaaatggtg	Human endothelial leukocyte adhesion molecule 1 (ELAM-1) mRNA, complete cds.	32.67
nm_000546	000546f	atctactggagcgaacacgc	000546r	cccttcttggagagattc	Human p53 cellular tumor antigen mRNA, complete cds.	40
nm_000572	000572f	aggttccagagaagcagtc	000572r	tcagtttctgtctcattgca	Human interleukin 10 (IL10) gene, complete cds.	32.4
nm_000575	000575f	agttcccatcaaatctgtc	000575r	acgcctgttttccatgctc	Human gene for interleukin 1 alpha (IL-1 alpha).	40
nm_000576	000576f	ctggagagtgatgatccaaa	000576r	actggcagactcaaatcc	Human interleukin 1-beta (IL1B) mRNA, complete cds.	35.83
nm_000577	000577f	ctgactgagcgaagaaca	000577r	aggcgcagactcaaaact	Homo sapiens interleukin 1 receptor antagonist (IL1RN), mRNA.	32.08
nm_000579	000579f	tcttctccaaaagcacttg	000579r	cagttgatcgggtgtaact	Human CC chemokine receptor 5 mRNA, complete cds.	35.76
nm_000584	000584f	tgqccaacacagaattat	000584r	acttcccaacccctctgc	Human interleukin 8 (IL8) gene, complete cds.	39.91
nm_000585	000585f	tcgaacacatttgaagaat	000585r	gaagacatgaatcggactc	IL15	33.4
nm_000586	000586f	ttcatgtgtaatgctgatga	000586r	tcagtttgaatgactgcttg	Human interleukin 2 (IL2) mRNA, complete cds.	38.28
nm_000590	000590f	aacagcctcaacaaacac	000590r	tcttgcctcatcctctc	Human IL9 protein gene, complete cds.	40
nm_000593	000593f	ctctctgacagaagcctga	000593r	ccagaagaagagatgtgca	Homo sapiens peptide transporter (TAP1) mRNA, complete cds.	35.03
nm_000594	000594f	accctctctgcatcaactc	000594r	ggaagacccctccagata	Human mRNA for tumor necrosis factor.	34.28
nm_000595	000595f	tgagttccagctctctctc	000595r	ctgtgtatcagctgagcag	Human mRNA for lymphotoxin (TNF-beta), complete cds.	35.97
nm_000596	000596f	ggccaactcacaagaat	000596r	ttccatccaaggttagac	Homo sapiens insulin-like growth factor binding protein 1 (IGFBP1), mRNA.	31.91
nm_000597	000597f	tggtgtgtaacccaacac	000597r	agcctctgctctcatt	Homo sapiens insulin-like growth factor binding protein 2 (IGFBP2), mRNA.	36.69
nm_000600	000600f	agtgaggacaagccagagc	000600r	gttgggtcaggagtggtta	Human interleukin 6 mRNA, complete cds.	24.29
nm_000619	000619f	atgtccaacgcaagaacata	000619r	tcgaacagactgactacc	Human immune interferon (IFN-gamma) gene, complete cds.	40
nm_000620	000620f	atgtcctaaagccatcca	000620r	cctcatggtatcgtgtgca	nos	30.58
nm_000639	000639f	atgagggagaagatgatga	000639r	tcagcactgtaagattgaaca	Human mRNA for Fas ligand, complete cds.	22.99
nm_000641	000641f	ctccaggtgtgctgaca	000641r	ggctcagggtcttcagg	Human interleukin 11 mRNA, complete cds.	25.51
nm_000710	000710f	gtggttgcctctgcttc	000710r	atgaagcttcccaaaagca	Homo sapiens bradykinin receptor B1 (BDKRB1), mRNA.	40
nm_000757	000757f	agacgaagaagagaccaca	000757r	ctctcatgctctgtcagct	Human macrophage-specific colony-stimulating factor (CSF-1) mRNA, complete cds.	34.73
nm_000758	000758f	ttcctgtgcaaccagagata	000758r	ggctccagcagctcaag	Homo sapiens colony stimulating factor 2 (granulocyte-macrophage) (CSF2), mRNA.	32
nm_000759	000759f	gtgctctgcttctcaag	000759r	ggcaaggtggcctagaac	Homo sapiens colony stimulating factor 3 (granulocyte) (CSF3), mRNA.	24.8
nm_000818	000818f	ttgggagacaaggtcaattc	000818r	tgccaagggcttctattct	Human glutamate decarboxylase (GAD65) mRNA, complete cds.	40
nm_000852	000852f	ggccaaggtgactatgtga	000852r	ggctcccaaatgaagctc	Homo sapiens glutathione S-transferase pi (GSTP1), mRNA.	35.35
nm_000927	000927f	cagaatggcagagctcaaga	000927r	actggcctgtttccagc	Human sapiens P-glycoprotein (mdr1) mRNA, complete cds.	38.34
nm_000952	000952f	aagcactctaccgaaagt	000952r	gatctgttgaagggcaaca	pafr1	33.37
nm_000961	000961f	gggaacagcctgagaatta	000961r	accagcacaaggaacacaaa	Human mRNA for prostacyclin synthase, complete cds.	25.94
nm_000963	000963f	ttggtgagaagtggtttt	000963r	tgatctggaactgaatga	Homo sapiens cyclooxygenase-2 (Cox-2) mRNA, complete cds.	34.97
nm_001065	001065f	lgttttgggaaatcgacac	001065r	tgaaagcctggagtgagct	H.sapiens TNF-R mRNA for tumor necrosis factor receptor type 1.	33.1
nm_001078	001078f	tcgtctcttatttctgctc	001078r	tctcaagactatagcccctca	Human mRNA for vascular cell adhesion molecule 1 (VCAM-1).	27.11
nm_001170	001170f	aaccaagaagcggaaag	001170r	accaaaactctcatctgga	Human complement factor B mRNA, complete cds.	40
nm_001758	001758f	lgttactactcgcctcaca	001758r	caggcttctgatctctc	Human cyclin D (cyclin D1) mRNA, complete cds.	40
nm_001760	001760f	atttctgaccagctctctc	001760r	cggtacatgccaaggtgat	Human D3-type cyclin (CDN3) mRNA, complete cds.	37.46
nm_001778	001778f	gcacgtctgctcctgctc	001778r	agtaacagcggcaaatggtg	Human pan-leukocyte antigen (CD48) mRNA, complete cds.	31.12
nm_001781	001781f	cttcttaaaaagatcagcag	001781r	ttcttgcattgaccact	CD69 cds	40
nm_002002	002002f	ctgtcagctcaccacgc	002002r	cccttcaggccaagctc	Homo sapiens Fc fragment of IgE, low affinity II, receptor for (CD23A) (FCER2), mRNA.	31.81
nm_002127	002127f	gttcttccctgcccaccat	002127r	tttcttccagcagcagc	Human lymphocyte antigen (HLA-G1) mRNA, complete cds.	40
nm_002133	002133f	agcttcttggaggttgcag	002133r	gaacttgcactttgtctgc	Homo sapiens heme oxygenase (decycling) 1 (HMOX1), mRNA.	31.88
nm_002160	002160f	caccaactgtctctgctc	002160r	acgcctgactgtggtatt	H.sapiens mRNA for tenascin-C, 7560bp.	25.28
nm_002176	002176f	aaaactggagaagaagttcac	002176r	actccttgcctcaggtaa	Human interferon-beta mRNA, complete cds.	33.1
nm_002187	002187f	cttccaggacaagcctcag	002187r	ccactcgtccaagatgag	Homo sapiens interleukin 12, p40 mRNA, complete cds.	36.43
nm_002198	002198f	aaacaacgtgagtggaag	002198r	ctggctctcaattcttg	Homo sapiens interferon regulatory factor 1 (IRF1), mRNA.	29.16
nm_002199	002199f	tcaccatacaagcagagac	002199r	ctgggtcatggagaagc	Human mRNA for interferon regulatory factor-2 (IRF-2).	13.22
nm_002229	002229f	aaggagaacccagagacc	002229r	ctccacttggatgcctct	Human jun-B mRNA for JUN-B protein.	40
nm_002292	002292f	ggcaaggcagaacaact	002292r	cctcataggtcctccaat	H.sapiens LAMB2 mRNA for beta2 laminin.	30
nm_002421	002421f	lgttcttccagaaactgtga	002421r	catcatactccagatattgtagc	Homo sapiens matrix metalloproteinase 1 (interstitial collagenase) (MMP1), mRNA.	28
nm_002422	002422f	aggtcttccagcaaacatg	002422r	cagtaagaataaagaacccaaa	mmp-3	40
nm_002448	002448f	gagttctcagctcctc	002448r	cttccagctctcctct	msx-1	40
nm_002502	002502f	ctgacatggcctgagagag	002502r	acgaactgtcttctccacc	Homo sapiens NFkappa light polypeptide gene enhancer in B-cells 2 (p49/p100) (NFKB2), mRNA.	28.28
nm_002543	002543f	cccagacataccctcaggt	002543r	ttgcttcttctgacatatacta	lox-1	39.3
nm_002608	002608f	gttctcagactctgctga	002608r	gttggctggtctatgagg	pdgf-b	25.56
nm_002800	002800f	tgacatctcatgttagctg	002800r	ggcaaaaggtctcagat	Human proteasome-related (LMP-2) mRNA, complete cds.	34.02
nm_002908	002908f	tgactttgaggatctgact	002908r	tcttgaacaacacagactgtt	Homo sapiens v-rel avian reticuloendotheliosis viral oncogene homolog (REL), mRNA.	27.07
nm_002982	002982f	gttctccaagaagcgttga	002982r	gtttgcttgcaggtggt	mcp-1	36.5
nm_002985	002985f	ctctctgcttctcctcaat	002985r	aaagacagctctgggttg	Human T cell-specific protein (RANTES) mRNA, complete cds.	34.06
nm_003005	003005f	ctcaactcgtgccaacc	003005r	gtcccaccattacagacc	Homo sapiens selectin P (granule membrane protein 140kD, antigen CD62) (SELP), mRNA.	25.39
nm_003247	003247f	cttatctatgacaaactcagc	003247r	tctctcattgctacttgagg	Human thrombospondin 2 (THBS2) mRNA, complete cds.	40
nm_003360	003360f	aagcatagcagcttaagtga	003360r	tcattcacttctttatgctt	Homo sapiens UDP glycosyltransferase 8 (UDP-galactose ceramide galactosyltransferase) (UGT8), mRNA.	36.87
nm_003380	003380f	ccctctggtgataccactc	003380r	ctgtatgctgagaatttcg	Human vimentin gene, complete cds.	40
nm_003998	003998f	gagacatcttccgcaaac	003998r	gtcttcttcccaataca	Homo sapiens nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105) (NFKB1), mRNA.	37.31
nm_004049	004049f	gctgggaaaatgctttgta	004049r	ttgctcaggagagatgactt	Homo sapiens BCL2-related protein A1 (BCL2A1), mRNA.	37.68
nm_004887	004887f	ctgtaagaagctggaatga	004887r	agtctctgactcctgcta	Homo sapiens chemokine MIP-2 gamma (MIP-2 gamma) mRNA, complete cds.	28.33
nm_004994	004994f	gaagtgaccagatgttc	004994r	ctcagccagctagaag	Homo sapiens matrix metalloproteinase 9 (MMP9), mRNA.	22.14
nm_005191	005191f	ttttgtatgtcgtctgac	005191r	agggctacatttctcttc	Homo sapiens CD80 antigen (CD28 antigen ligand 1, B7-1 antigen) (CD80), mRNA.	38.11
nm_005375	005375f	ttcttctgctacacactg	005375r	gccatlaaaagcagctgtg	Homo sapiens v-myb myeloblastosis viral oncogene homolog (avian) (MYB), mRNA.	24.37
nm_005429	005429f	gttccaccacaacatgc	005429r	gaaggacacaacagcacac	vegf-c	32.94
nm_006211	006211f	ggaagatgaagcagaagc	006211r	aaactccatcgtttctgg	Homo sapiens proenkephalin (PENK), mRNA.	34.04
nm_007164	007164f	caecgctctctctctc	007164r	gctctctctctctctc	Human mucosal addressin cell adhesion molecule-1 (MAdCAM-1) mRNA, complete cds.	33.05
nm_020529	020529f	tgccagagagtgaggatgag	020529r	gcttccaaacacagactat	mad-3	27.93
nm_138578	138578f	gaactcttggagacaatgcag	138578r	agttagcaccagcagaacc	H.sapiens bcl-xL mRNA.	35.58