QGCL Real-Time qPCR Assays - 06/10/08

Assay	Species	Synonym	Description	Accession #	Status
E1AD51213S	Adenovirus	E1A 12S-13S conserve	E1 Adenovirus type 5, 12S and 13S	X02996	QGCL
E1AD513S	Adenovirus	E1A-13S splice assay	E1A assay for type 5 adenovirus genome	X02996	QGCL
eGFP	*Aequorea victoria*	expression vector enha	Enhanced Green Fluorescent Protein	U57608	QGCL
18SrRNA	*Aplysia*		18S ribosomal RNA	X94268	QGCL
CREB1	*Aplysia*	CREB, MGC9284	Cyclic AMP responsive element binding protein 1	Exons 2 & 3	QGCL
CREB1#2	*Aplysia*	CREB, MGC9284		Notes	QGCL
CREB2	*Aplysia*		Cyclic AMP responsive element binding protein 2	U40851	QGCL
Synapsin	*Aplysia*	synapsin isoform 8.2		AF287985	QGCL
Tolloid	*Aplysia*		BMP-1-like protein, metalloprotease	U57369	QGCL
UCH	*Aplysia*		Ubiquitin carboxyl-terminal hydrolase	U90177	QGCL
16SrRNA	*B. anthracis*		B. anthracis 16S ribosomal RNA	AF176321	QGCL
abrB	*B. anthracis*		transition state transcriptional regulatory protein AbrB	NC_003997	QGCL
acpA	*B. anthracis*	BXB0084	Bacillus anthracis capsule synthesis trans-acting positive	NC_003981	QGCL
acpB	*B. anthracis*	CSTPR	capsule synthesis trans-acting positive regulator	NC_003981	QGCL
atxA	*B. anthracis*	BXA0146	transcriptional activator AtxA	NC_003980	QGCL
capB	*B. anthracis*	BXB0066	capsule biosynthesis protein CapB	NC_003981	QGCL
cva	*B. anthracis*	edema factor, cya	calmodulin sensitive adenylate cyclase	NC_001496	QGCL
gyrB	*B. anthracis*		gyrase B	NC_003995	QGCL
lef	*B. anthracis*		Anthrax toxin lethal factor precursor	NC_001496	QGCL
pagA	*B. anthracis*	BXA0164	Bacillus anthracis protective antigen	NC_003989	QGCL
pX02(54)	*B. anthracis*	hypothetical protein		NC_002146	QGCL
sigH	*B. anthracis*		RNA polymerase sigma 30 factor	NC_003997	QGCL
spoOA	*B. anthracis*	Sporulation protein 0A		NC_003997	QGCL
capD	*B.anthracis*		capD, dep	D14037	QGCL
npr599	*Bacillus anthracis*		Bacillus anthracis neutral protease	AE016879	QGCL
FlaB	*Borrelia burgdorferi*	BbFlaB		AE001126	QGCL
b-Actin	CHO		b Actin		QGCL
b-Gal#2	*E. coli*	Lac Z	beta galactosidase	AJ278278	QGCL
M25607_ST1	*E. coli*		E.coli heat-stable enterotoxin I gene	M24607	QGCL
M35729_STII	*E. coli*		E.coli heat-stable enterotoxin II (STII) gene	M35729	QGCL
LMP2A	Epstein Barr	terminal protein 1		M87778	QGCL
BALF5	Epstein Barr Virus		DNA polymerase, early	V01555	QGCL
BamH1W	Epstein Barr Virus		11X reiterated sequence within the Epstein Barr Virus genome	V01555	QGCL
BamH1W-T1	Epstein Barr Virus		11X reiterated sequence within the Epstein Barr Virus genome	V01555	QGCL
BamH1W#2	Epstein Barr Virus		11X reiterated sequence within the Epstein Barr Virus genome	V01555	QGCL
BLLF1	Epstein Barr Virus		gp 330 protein	V01555	QGCL
BZLF1	Epstein Barr Virus		Immediate early gene	V01555	QGCL
EBER2	Epstein Barr Virus	EBER 2; RNA Pol III	RNA Pol II gene for Epstein Barr Virus	V01555	QGCL
SCGB2A1	human	LPHC, MGB2, UGB3, MC	secretoglobin, family 2A, member 1	NM_002407	QGCL
17b-HSD II	human	HSD17B2	17-beta hydroxysteroid dehydogenase type 2	NM_002153	QGCL
17bHSD2#2	human	HSD17B2	17 beta Hydroxysteroid dehydrogenase type 2	NM_002153	QGCL
36B4	human		36B4 (ribosomal phosphoprotein P0)	NM_001002	QGCL
36B4	human		Syber Green Assay		QGCL
36B4#2	human		60S acidic ribosomal protein P0; acidic ribosomal phosphoprotein P0	NM_001002	QGCL
5' Nucleotidas	human	CD73		NM_002526	QGCL
a-Satellite	human		human alpha satellite	X71007	QGCL
ABC1	human		ATP-bind cassette1	NM_005502	QGCL
ADA	human		adenosine deaminase	NM_000022	QGCL
ADHR1 (VIP1R	human		arginine vasopressin receptor 1A	NM_000706	QGCL
Adiponectin	human	ACDC, APM1, APM-1, GBP28, ACRP30, adiponectin		NM_004797	QGCL
AdiponectinR1	human	PAQR1, ACDCR1, CGI-4	human adiponectin receptor 1 (ADIPOR1)	NM_015999	QGCL
AdiponectinR2	human	PAQR2, ACDCR2, MGC4	Human adiponectin receptor 2 (ADIPOR2)	NM_024551	QGCL
AdK	human	AK, ADK	adenosine kinase assay	NM_006721	QGCL
AdR1	human		Adenosine A1 receptor	NM_000647	QGCL
AdR2a	human		Adenosine Receptor isoform 2a	NM_000675	QGCL
AdR2b	human		homo sapiens adenosine A2b receptor	NM_000676	QGCL
AdR3	human		Homo sapiens adensine A3 receptor	NM_000677	QGCL
ALOX15	human		arachidonate 15-lipoxygenase	NM_001140	QGCL
Annexin 01	human	ANXA1	lipocortin I;annexin I (lipocortin I) ;ANX1, LPC1	NM_000700	QGCL
Annexin 02	human	ANXA2	ANX2, LIP2, LPC2, CAL1H, LPC2D, ANX2L4 lipocortin II , calpactin I, heav	NM_004039	QGCL
Annexin 11	human	Annexin 11ANXA11	autoantigen, 56-kD,calcyclin-associated annexin 50 ANX11, CAP50	NM_001157(V	QGCL
APC	human		Adenomatosis polyposis coli	NM_000038	QGCL
ApoB	human		apolipoprotein B100	NM_000384	QGCL
ApoB	human		apolipoprotein B100	NM_000384	QGCL-UPL
AR	human		Human Androgen Receptor	NM_000044	QGCL
b-Actin #2	human	ACTB	Homo sapiens actin, beta (ACTB)	NM_001101	QGCL
b-Catenin	human		cadherin-associated protein	NM_001904	QGCL
BATP	human		INTESTINAL BILE ACID TRANSPORTER		Loose
BAXA	Human	BAX	Homo sapiens BCL2-associated X protein (BAX), transcript variant epsilo	NM_138764	QGCL-UPL
Bcl10	human	BCL10	B-cell CLL/lymphoma 10	NM_003921	QGCL
BNIP3	human	NIP3	BCL1/adenovirus E1B 19 kDa interacting protein 3	NM_004052	QGCL
BRCA1	human		breast cancer 1, variant a	NM_007294	QGCL
BRCA1	human	OF, BACH1, FANCJ, FLJ	BRCA1 interacting protein C-terminal helicase 1 (BRIP1)	NM_032043	QGCL
BRCA2	human		breast cancer 2	NM_000059	QGCL
c-fos#2	human		FBJ osteosarcoma oncogene	V01512	QGCL

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c-Jun	human	AP1, c-Jun		NM_002228	QGCL
c-Myc	human	v-Myc		NM_002467	QGCL
CAPS	human	CAPS1, MGC126562	Homo sapiens calcyphosine (CAPS), transcript variant 1	NM_004058	QGCL
CBP#2	human		CREB binding protein	NM_004380	QGCL
CCDC98	human	ABRA1, FLJ11520, FLJ1	coiled-coil domain containing 98 (CCDC98)	NM_139076	QGCL
CCL02	human	HC11, MCAF, MCP1, MC	chemokine (C-C motif) ligand 2 (CCL2)	NM_002982	QGCL
CCL11	human	SCYA11, MGC22554	Homo sapiens chemokine (C-C motif) ligand 11 (CCL11)	NM_002986	QGCL
CDC25A	human		Human cell cycle phophatase A	NM_001789	QGCL
CDC25C	human		homologue of yeast CDC25	NM_001790	QGCL
Clusterin	human		complement lysis inhibitor, SP-40, testosterone-repressed prostate mess	NM_001831	QGCL
Col01A1	human	Collagen I	collagen, type I, alpha 1	NM_000088	qDavies
Col04A2	human	Collagen IV	collagen, type IV, alpha 2, COL4A2	NM_001846	QGCL
Col07A1	human	Collagen VII	collagen, type VII, alpha 1, COL7A1	NM_000094	QGCL
Col22A1	human	Collagen XXII	collagen, type XXII, alpha 1	NM_152888	QGCL
COMP	human		cartilage oligomeric matrix protein	NM_000095	QGCL
COMP#2	human		cartilage oligomeric matrix protein	NM_000095	QGCL
COUP-TFI	human		Nuclear Receptor subfamily2, group F, member 1 (NR2F1)	NM_005654	QGCL
COUP-TFII	human		Nuclear Receptor subfamily 2, group F, member 2 (NR2F2)	NM_021005	QGCL
COX1	human		cyclooxygenase 1, variant 1	NM_000962	QGCL
COX2	human		postaglandinG/H synthase and cyclooxygenase	NM_000963	QGCL
cp21	human		cyclin-dependent kinase inhibitor 1A, Cip1, CDKN1A	NM_078467	QGCL
CTGF	human		Connective Tissue Growth Factor,	NM_001901	QGCL
Cyclin B1	human	CCNB1	Cyclin B1	NM_031966	QGCL
Cyclin D1	human		D-type Cyclin 1	NM_001758	QGCL
Cyclin D2	human	CCND2	Cyclin D2	NM_001759	QGCL
Cyclin E1	human	CCNE1	CCNE1, transcript variant 2	NM_057182	QGCL
Cyclo	human		Syber Assay		QGCL
Cyclophilin	human	PPIA	peptidylprolyl isomerase A ,Cyclophilin	NM_021130	QGCL
Cyp19	human		Aromatase, CYP19A1, variant 1	NM_000103	QGCL
DAPK1	human		Death Associated Protein Kinase 1	NM_004938	QGCL
Deiodinase	human		iodothyronine, type II	NM_013989	QGCL
DNMT3B7	human	splice variant 7	DNA methyltransferase 3 beta variant 7	DQ321787	QGCL
DNMT3Bgen	human	splice variant 1	DNA methyltransferase 3 beta	NM_006892	QGCL
DPD	human	DPYD	dihydropyrimidine dehydrogenase DPYD	NM_000110	QGCL
DSCR1	human	MCIP1, CSP1, DSC1, R	Down syndrome candidate region 1; myocyte calcinurin-interactin protei	NM_004414	QGCL
DUSP6	human	MKP3, PYST1		NM_001946	QGCL
E-Cadherin	human		human cadherin 1, type 1, uvomorulin, CDH1	NM_004360	QGCL
E2F transcripti	human	E2F1	homo sapiens E2F transcription factor 1	NM_005225	QGCL
ECM1	human		extracelluar matrix protein 1 assay	NM_004425	QGCL
EGFR#2	human	erbB1	Epidermal growth factor receptor (avian erythroblasticleukemia viral (v-	NM_005228	QGCL
EIG121(#2)ge	human	EIG121, MGC150624, F	KIAA1324	NM_020775	QGCL
Elastin	human		Human elastin	M36860	QGCL
EPCR	human		Endothelial protein C receptor	NM_006404	QGCL
EPO1	human	EP, MGC138142	erythropoietin (EPO)	NM_000799	QGCL
EPO2	human	EP, MGC138142	erythropoietin (EPO) construct assay	pAAV-hEPO	QGCL
EPR1	human	EPR-1	effector cell peptidase receptor 1	NR_002219	QGCL
ERa#2	human	ESR1, NR3A1	Estrogen Receptor a - (assay#2)	NM_000125	QGCL
ERb-#2	human	ESR2, ESRB, NR3A2,	estrogen receptor b (assay 2)	NM_001437	QGCL
ERRFI1	human	MIG6,RALT, MIG-6, GEI	Human ERBB receptor feedback inhibitor 1 (hERRFI1)	NM_018948	QGCL
FactorX	human	FX, FXA	Homo sapiens coagulation factor X (F10)	NM_000504	QGCL
FRIZ 05a	human	Frizzled 5	homo sapiens frizzled (Drosophila) homolog 5 (FZD5)	NM_003468	QGCL
Friz 07#2	human		homo sapiens frizzled (Drosophila) homolog 7 (FZZ7	NM_003507	QGCL
FRIZ 07a	human	Frizzled 7	homo sapiens frizzled (Drosophila) homolog 7 (FZZ7)	NM_003507	QGCL
Friz 10	human	Frizzled 10	Frizzled (Dm) homolog 10 (FZD10)	NM_007197	QGCL
Gastrin	human		Gastrin	NM_000805	QGCL
GATA 4	human		Homo sapiens GATA-binding protein 4	NM_002052	QGCL
GATA 6	human		Homo sapiens GATA-binding protein 6	NM_005257	QGCL
GEM	human	GTPase	an induced immediate early protein belonging to the RAS family	U10550	QGCL
grp78 #2	human	BIP	Homo sapiens heat shock 70kDa protein 5 (glucose-regulated protein) (H	NM_005347	QGCL
grp78#3	human		Hspa5, heat shock protein 5, BIP, Immunoglobin heavy chain binding pro	NM_005347	QGCL
GUSB	human	GUSB, MPS7	Homo sapiens glucuronidase, beta	NM_000181	QGCL
HAS2	human		Human Hyaluronic Acid Synthase 2	XM_011635	QGCL
HAS2	human		Human Hyaluronic Acid Synthase 2	XM_011635	QGCL
HemeOx1	human	Hmox1	heme oxygenase 1	NM_002133	QGCL
HER2	human	erbB2	Human tyrosine kinase-type receptor (HER2) mRNA, complete cds	M11730	QGCL
Hif1a	human	MOP1, PASD8, HIF-1alp	hypoxia-inducible factor 1, alpha subunit	NM_001530	QGCL
HIP1	human	ILWEQ, MGC126506	huntingtin interacting protein 1	NM_005338	QGCL
HMG-CoA	human		HMG-COA reductase		Loose
HOXA10	human	PL, HOX1, HOX1H, HO	homeobox A10 (HOXA10), transcript variant 1	NM_018951	QGCL
HPV16_E2	human		Human papilloma virus gene assay for the E2 gene	AF067028	QGCL
HPV16_E6	human		Human papilloma virus gene assay for the E6 gene	AJ388056	QGCL
IFI6	human	6-16, G1P3, FAM14C, I	alpha-inducible protein 6 (IFI6), transcript variant 3	NM_0022873	QGCL
IFIT1	human	G10P1, IFI56, IFI-56, I	interferon-induced protein with tetratricopeptide repeats 1	NM_00100188	QGCL
IFIT3	human	IRG2, IFI60, IFIT4, ISG	interferon-induced protein with tetratricopeptide repeats 3 (IFIT3)	NM_001549	QGCL
IFNg	human		Homo sapiens interferon, gamma (IFNG), mRNA	XM_006883	QGCL
IGF1 #2	human		Homo sapiens insulin-like growth factor 1 (somatomedia C) (IGF1),	M27544	QGCL

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IGF1R	human		Insulin-like growth factor 1 receptor	NM_000875	QGCL
IGF2	human	somatomedin A	Homo sapiens insulin-like growth factor 2	M29645	QGCL
IGF2#2	human	somatomedin A	Somatomedin A	NM_000612	QGCL
IGFBP1	human		Insulin-like Growth Factor Binding Protein 1	NM_000596	QGCL
IGFBP3	human		Homo sapiens insulin-like growth factor binding protein 3 (IGFBP3)	NM_000598	QGCL
IGFBP3 #2	human		Homo sapiens insulin-like growth factor binding protein 3 (IGFBP3)	NM_000598	QGCL
IGFBP3#3	human		Homo sapiens insulin-like growth factor binding protein 3 (IGFBP3)	NM_000598	QGCL
IGFBP4	human		Homo sapiens insulin-like growth factor-binding protein 4	XM_008650	QGCL
IGFBP5 #2	human		IGF binding protein 5	M62782/NM_0	QGCL
IL01a#2	human		IL-1alpha	M28983	QGCL
IL02	human	IL-2, TCGF, lymphokine	Homo sapiens interleukin 2 (IL2)	NM_000586	QGCL
IL04	human		Homo sapiens interleukin 4 (IL4), mRNA	NM_000589	QGCL
IL06#2	human	Interferon, beta 2	Homo sapiens interleukin 6 (interferon, beta 2)	NM_000600	QGCL
IL06Ralpha	human	CD126, IL6RA, IL-6R-1, MGC104991,	IL-6R-alpha	NM_000565	QGCL
IL06Rbeta	human	CD130, GP130, CDw130,	IL6R-beta, GP130-RAPS	NM_002184	QGCL
IL08#2	human	Interleukin 8	Homo sapiens interleukin 8	NM_000584	QGCL
IL10	human		Homo sapiens interleukin 10 (IL10), mRNA	XM_001409	QGCL
IL11	human		Human Interleukin 11	NM_000641	QGCL
IL24	human	C49A, FISP, MDA7, ST1	interleukin 24 (IL24), transcript variant 1	NM_006850	QGCL
IL2Ra	human	CD25, IL2R, TCGFR, ID	interleukin 2 receptor, alpha (IL2RA), mRNA	NM_000417.1	QGCL-UPL
IL2Rb	human	CD122, P70-75	interleukin 2 receptor, beta (IL2RB)	NM_000878.2	QGCL-UPL
IL2Rg	human	IMD4, CD132, SCIDX,	interleukin 2 receptor, gamma (severe combined immunodeficiency) (IL2	NM_000206.1	QGCL-UPL
iNOS2#2	human		nitric oxide synthase 2A, inducible	NM_000625	QGCL
iNOS2a	human	NOS, INOS, NOS2, HEP	nitric oxide synthase 2A (inducible, hepatocytes) (NOS2A)	NM_000625	QGCL
IRS 1#2	human			NM_005544	qDavies
Jam1	human		Junctional adhesion molecule	AF111713	QGCL
Jam2	human		Junctional adhesion molecule	NM_023844	QGCL
Jam5#2(Jam3	human	Jam3 (renamed)	Junctional Adhesion Molecule	NM_032801	QGCL
Keratin 08	human	K8, KO, CK8, CYK8, K2	Homo sapiens keratin 8 (KRT8)	NM_002273	QGCL
Ki-67Ag	human	KIA, Ki-67		NM_002417	QGCL
KIF11	Human	EG5, HKSP, KNSL1, TR	kinesin family member 11	NM_004523	QGCL-UPL
KYNU	human		human kynureninse (L-kynurenine hydrolase)	NM_003937	QGCL
LamA3 (Lam5	human	E170, LOCS, LAMNA, la	Laminin, alpha 3, variant 2	NM_000227	QGCL
Leptin	human	OB, OBS	obesity homolog, mouse	NM_000230	QGCL
LeptinRgen	human	OBR, CD295	leptin receptor (LEPR), variant 1 used as template	NM_002303	QGCL
LeptinRvar1	human	OBR, CD295	Human leptin receptor, transcript variant 1	NM_002303	QGCL
LeptinRvar2	human	OBR, CD295	Human leptin receptor, transcript variant 2	NM_00100367	QGCL
LTF	human		human lactotransferrin	NM_002343	QGCL
MMP07	human	matrilysin	matrix metalloproteinase 7, PUMP-1	NM_002423	QGCL
MMP09	human		Homo sapiens matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase	NM_004994	QGCL
MMP11	human		matrix matalloproteinase 11, stromelysin	NM_005940	QGCL
MT-TL1 (mut)	Human		Mitochondrial tRNA-leu gene mutant assay	NC_001807	QGCL-SYBR
MT-TL1 (WT)	Human		Mitochondrial tRNA-leu gene WT assay	NC_001807	QGCL-SYBR
mutS	human		human mutS(E. coli) homolog 3 (MSH3)	NM_002439	QGCL
MxA	human		Homo sapiens myxovirus (influenza) resistance 1, homolog of murine (in	NM_002462	QGCL
N-Cadherin	human	CDHN, NCAD, CDw325		NM_001297	QGCL
NCoA1	human	SRC1	Nuclear receptor coactivator 1 (NCoA1), SRC-1.	NM_003743	QGCL
NCOA3-CDS	human	AIB1, ACTR, RAC3, SRC3,	pCIP, CTG26, CAGH16, TNRC14, TNRC16, TRAM-1	NM_181659	QGCL
NCOA3-UTR	human	AIB1, ACTR, RAC3, SRC3,	pCIP, CTG26, CAGH16, TNRC14, TNRC16, TRAM-1	NM_181659	QGCL
NCOA3CDS#2	human	AIB1, ACTR, RAC3, SRC3,	pCIP, CTG26, CAGH16, TNRC14, TNRC16, TRAM-1	NM_181659	QGCL
NF1X	human		neurofibromatosis type 1	XM_009199	QGCL
NFE2L2	human	Nrf2, AI194320	Nuclear factor 2-like 2 assay (NFE2L2)	NM_006164	QGCL
NR2C1	human		human nuclear receptor subfamily 2, group C, member 1	XM_006608	QGCL
p16	Human	CDKN2A	cyclin-dependent kinase inhibitor 2A, CDKN2A	NM_058196	QGCL
p21	human	Cip1, Waf1	Homo sapiens cyclin-dependent kinase inhibitor 1A (p21, Cip1)	NM_078467	QGCL
p27	human	KIP1, MEN4, CDKN4, M	cyclin-dependent kinase inhibitor 1B (p27, Kip1) (CDKN1B)	NM_004064	QGCL
p27#2	human	KIP1, MEN4, CDKN4, M	cyclin-dependent kinase inhibitor 1B (p27, Kip1) (CDKN1B)		QGCL
P2RY2	human	P2U, HP2U, P2U1, P2UI	purinergic receptor P2Y, G-protein coupled, 2 (P2RY2), transcript variant	NM_176072	QGCL
PACAPR#1(6_	human	(=DD_6_2t)	Homo sapiens BAC clone CTA-471E18 from 7p11.2-p21, complete sequer	AC006466	QGCL
PACAPR#2	human		Homo sapiens adenylate cyclase activating polypeptide 1 (pituitary) rece	NM_001118	QGCL
PAX2	human		paired box protein 2, isoform a	NM_003987	QGCL
PCNA	human		human proliferating cell nuclear antigen (PCNA	NM_002592	QGCL
PGD2S	human		brain prostaglandin D2 synthase, PTGDS	NM_000954	QGCL
PKD1	human		polycystic kidney disease gene 1	NM_000296	QGCL
PLAC1	human		Placenta-specific 1	NM_021796	QGCL
PLD1	human		phospholipase D1	NM_002662	QGCL
PLK1	human	PLK, STPK13	Homo sapiens polo-like kinase 1 (Drosophila) (PLK1)	NM_005030	QGCL
PLK1#2	Human	PLK, STPK13	Homo sapiens polo-like kinase 1 (Drosophila) (PLK1)	NM_005030	QGCL-UPL
PLP	human		human parathyroid hormone-like hormone	XM_044838	QGCL
PPARg#2	human		Homo sapiens peroxisome proliferative activated receptor, gamma	NM_005037	QGCL
PRB	human	PRB	Human mRNA and promoter DNA for progesterone receptor	X51730	QGCL
PRB#2	human	PRB	Progesterone receptor, B form	X51730	QGCL
PRB#3	human	PRB	Progesterone Receptor, B form	X51730	QGCL
PRgen#2	human	PRA	Homo sapiens progesterone receptor (PR) mRNA	NM_000926	QGCL
PRMC1	human		Progesterone receptor membrane component 1	NM_006667	QGCL
PTHR1	human	PTHR, MGC138426, MC	Homo sapiens parathyroid hormone receptor 1 (PTHR1)	NM_000316	QGCL-SYBR

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RAGE	human	AGER, MGC22357	advanced glycosylation end product-specific receptor,	NM_001136	QGCL
RALDH2	human	Aldh1a2	Homo sapiens Aldehyde dehydrogenase 1 family member A2	NM_003888	QGCL
RAOH #2	human	CYP26A1	Retinoic acid hydroxylase mRNA	NM_000783	QGCL
RARagen	human	RAR, NR1B1	retinoic acid receptor, alpha (RARA), transcript variant 1	NM_000964	QGCL
RARb1	human		Homo sapiens retinoic acid receptor, beta isoform 1-specific	X77664	QGCL
RARb2	human		Homo sapiens retinoic acid receptor, beta isoform 2-specific	none	QGCL
RARb4 #2	human		Homo sapiens retinoic acid receptor, beta isoform 4-specific	AF157483	QGCL
RARbgen	human	RARb generic assay	Homo sapiens retinoic acid receptor, beta generic assay	NM_000965	QGCL
RARg	human		Homo sapiens retinoic acid receptor, gamma	NM_000966	QGCL
RARg	human	RARC, NR1B3	retinoic acid receptor, gamma	NM_000966	QGCL
RASSF1A	human		Ras association domain family 1, variant A	NM_007182	QGCL
RASSF1gen	human		Ras associated domain family 1, conserved region	NM_007182	QGCL
RBBP8	human	RIM, CTIP	retinoblastoma binding protein 8 (RBBP8), transcript variant 1	NM_002894	QGCL
Resistin	human	ADSF, RSTN, XCP1, FIZZ3, RETN1, MGC126603, MGC126609		NM_020415	QGCL
RXRa	human		Homo sapiens retinoid X receptor, alpha	NM_002957	QGCL
S100A02	human		S100 Ca+2-binding protein A2; CAN19; S100	NM_005978	QGCL
S100A04	human	42A; 18A2; CAPL; MTS	malignant transformation suppression 1; S100 calcium-binding protein	NM_002961 (\	MDACC
S100A06	human	2A9; PRA; 5B10; CABP	calcyclin; prolactin receptor-associated protein	NM_014624	MDACC
S100A07	human		S100 calcium binding protein A7; Psoriasin 1; PSOR1	NM_002963	QGCL
S100A09	human	Calgranulin B, MRP-14	S100 calcium-binding protein A9 (calgranulinB)(S100A9), macrophage m	NM_002965	QGCL
S100A10	human		annexin II ligand, calpactin I, light polypeptide; S100 calcium-binding p	NM_002966	MDACC
S100A11	human		calgizzarin; MLN70; S100	NM_005620	MDACC
S100A4-SYBR	Human		Assay for CHIP analysis in the promoter region	Genomic Sequ	MDACC
S100A4-SYBR	Human		Assay for CHIP analysis in the promoter region	Genomic Sequ	MDACC
S100A4-SYBR	Human		Assay for CHIP analysis in the promoter region	Genomic Sequ	MDACC
S100A4-SYBR	Human		Assay for CHIP analysis in the promoter region	Genomic Sequ	MDACC
S100A4ChIP1	human		Snail binding site assay in intron 1 of the DNA sequence for S100A4	NC_000001.9	QGCL
S100A4ChIP2	human		ChIP experiment control for the S100A4 gene	NM_002960 (3	QGCL
S100P	human		human S100 Ca+2-binding protein P	NM_005980	QGCL
SCGB1D2	human	LIPB, LPHB	Homo sapiens secretoglobin, family 1D, member 2 (SCGB1D2)	NM_006551	QGCL
SCYA7 (MCP3)	human	FIC, MARC, MCP3, NC2	Homo sapiens chemokine (C-C motif) ligand 7 (CCL7)	XM_008414	QGCL
sFRP1	human	sFRP1	Homo sapiens secreted frizzled-related protein 1 (sFRP1)	NM_003012	QGCL
sFRP4	human	SFRP4	Homo sapiens secreted frizzled-related protein 4 (SFRP4)	AF026692	QGCL
sGC-Var1	human	hlcc3	hGUCY1A3 variant 1	BX649180	QGCL
sGC-Var2	human		hGUCY1A3 variant 2	BC012627	QGCL
sGC-Var3	human		hGUCY1A3 variant 3	CR618242	QGCL
sGC1a3	human	GUCY1A3	Soluble guanylate cyclase 1 alpha 3 subunit	NM_000856	QGCL
sGC1b3	human	GUCB3, GC-SB3, GUC1	Homo sapiens guanylate cyclase 1, soluble, beta 3GUCY1B3	NM_000857	QGCL
sGC1b3 (mut)	human	GUCB3, GC-SB3, GUC1	guanylate cyclase 1, soluble, beta 3 (GUCY1B3)	NM_000857 (\	QGCL
sGC1b3(WT)	human	GUCB3, GC-SB3, GUC1	guanylate cyclase 1, soluble, beta 3 (GUCY1B3)	NM_000857 (\	QGCL
SLC29A1	human	ENT1, MGC1465, MGC3	solute carrier family 29 (nucleoside transporters), member 1 (SLC29A1),	NM_00107817	QGCL
Snail1	human	SNA, SNAH, SLUGH2, dJ710h12.1		NM_005985	QGCL
Somatostatin	human		Somatostatin 1	NM_001048	QGCL
SOX9	human	CMD1, SRA1, CMPD1	SRY (sex determining region Y)-box 9 (campomelic dysplasia, autosomal	NM_000346	QGCL
SPA	human		Homo sapiens surfactant, pulmonary-associated protein	NM_005411	QGCL
SPB	human		Homo sapiens surfactant, pulmonary-associated protein B	NM_000542	QGCL
SPC	human		Homo sapiens surfactant, pulmonary-associated protein C	BC005913	QGCL
SPD	human		Homo sapiens surfactant, pulmonary-associated protein D	X65018	QGCL
SSAT	human		spermine/spermidine N1-acetyltransferase	BC008424	QGCL
STAT1	human	ISGF-3, STAT91, DKFZ	signal transducer and activator of transcription 1, 91kDa (STAT1)	NM_139266	QGCL
Stratifin	human	14-3-3 protein	14-3-3 sigma protein, epithelial cell marker protein 1 (HMe1)	NM_006142	QGCL
Survivin	human		Baculoviral IAP repeat-containing 5; BIRC5; survivin; apoptosis inhibitor	NM_001168	QGCL
Survivin#2	human		baculoviral IAP repeat-containing 5 (BIRC5), transcript variant 1	NM_001168	QGCL-UPL
TBP	human	GTF2D, SCA17, TFIID,	Human TATAA binding protein (TBP)	NM_003194	QGCL
TCF8	human	BZP, ZEB, ZEB1, AREB6	Human Transcript Factor 8 (TCF8)	NM_030751	QGCL
TCP1	human		human chaperonin containing TCP1, subunit 2	XM_046041	QGCL
Telokin	human		telokin	AF096773	QGCL
TERT	human		telomerase reverse transcriptase	NM_003219	QGCL
TFF1	human	pS2, BCEI, HPS2, HP1.A, pNR-2, D21S21		NM_003225	QGCL
TFF3	human	Trefoil factor 3	Human trefoil factor 3 (intestinal)	NM_003226	QGCL
TGase 2	human		Homo sapiens transglutaminase 2 (C polypeptide, protein-glutamine-gam	NM_004613	qDavies
TGFa	human		Human transforming growth factor-alpha	NM_003236	QGCL
TGFa#2	Human		Human Transforming Growth Factor-alpha	NM_003236	QGCL
TGFa#3	human		human transforming growth factor alpha	NM_003236	QGCL
TGFb1	human		Transforming growth factor, beta 1 (TGFB1)	XM_008912	QGCL
TGFbR1	human		Transforming growth factor, beta receptor 1 (activin A receptor type II-li	XM_005591	QGCL
Thioredoxin	human		Thioredoxin (TXN)	XM_037357	QGCL
Thrombomodu	human		Thrombomodulin	NM_000361	QGCL
TIG3	human		Homo sapiens retinoic acid receptor responder (tazarotene induced)	NM_004585	QGCL
TIP47	human	PP17, TIP47, MGC2012	Homo sapiens mannose-6-phosphate receptor binding protein 1 (M6PRBP	NM_005817	QGCL
TITF1	human	BCH, BHC, NK-2, TEBP, TTF1, NKX2A, TTF-1, NKX2.1		NM_003317	QGCL
TLR4	human	TOLL, CD284, hToll, AR	toll-like receptor 4 (TLR4)	NM_138554	QGCL
TLR5	human	TIL3, SLEB1, FLJ10052	toll-like receptor 5 (TLR5)	NM_003268	QGCL
TNFa#2	human		Homo sapiens tumor necrosis factor (TNF superfamily, member 2)	M10988	QGCL
TNFaR1	human	FPF, p55, p60, TBP1, TI	human TNF alpha Receptor 1	NM_001065	QGCL
TNFaR2	human	p75, TBPII, TNFBR, TNI	human TNF alpha Receptor 2	NM_001066	QGCL

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TPH	human		tryptophan hydroxylase	XM_006391	QGCL
Trombomoduli	human		Human Thrombomodulin assay	NM_000361	QGCL
TrpC3	human		Transient receptor potential cation channel, subfamily C, member 3	NM_003305	QGCL
UCP2	human	UCPH, SLC25A8	Homo sapiens uncoupling protein 2 (mitochondrial, proton carrier) (UCP	NM_003355	QGCL
UCP3	human	SLC25A9	Homo sapiens uncoupling protein 3 (mitochondrial, proton carrier) (UCP3	NM_003356	QGCL
VEGF#2	human		Homo sapiens vascular endothelial growth factor	NM_003376	QGCL
Versican	human	Vo	human chondroitin sulfate proteoglycan 2, CSPG2	NM_004385	QGCL
Viperin	human	viperin, cig5, vig1		NM_080657	QGCL
VIPR1	human		Homo sapiens vasoactive intestinal peptide receptor 1	NM_004624	QGCL
VIPR2	human		Homo sapiens vasoactive intestinal peptide receptor 2	NM_003382	QGCL
VZV	human		human varicella-zoster virus, human herpesvirus 3 strain Dumas	NC_001348	QGCL
Wnt5a	human		Homo sapiens wingless-type MMTV integration site family, member 5A (V	L20861	QGCL
Wnt7a	human		Homo sapiens wingless-type MMTV integration site family, member 7A (V	D83175	QGCL
Wnt8A	human		wingless-type MMTV integration site, member 8A	NM_031933	QGCL
Wnt8B	human		Wingless-type MMTV integration site member 8B	NM_003393	QGCL
Ag85B	*M. tuberculosis*	fbp85B	Secreted antigen 85B	X62398	QGCL
16SrRNA	*M.tuberculosis*		M. tuberculosis 16S Ribosomal RNA	AJ131120	QGCL
18SrRNA	mammalian		18S ribosomal RNA	M10098	QGCL
18SrRNA#2	mammalian		18S ribosomal RNA	M10098	QGCL
18SrRNA	mammalian-yeast		18S ribosomal RNA	M10098	QGCL-UPL
36B4	mouse		36B4 (ribosomal phosphoprotein P0)	X15267	QGCL
5' Nucleotidas	mouse	CD73	mouse 5' nucleotidase assay	NM_011851	QGCL
ABC1	mouse		ATP Binding Site	NM_013454	QGCL
ABC8	mouse		ATP-binding cassette 8	NM_009593	QGCL
ACL	mouse	AW538652, A730098H	ATP citrate lyase (Acly)	NM_134037	QGCL
ADA	mouse	ADA,, MGC6593, 5033	adenosine deaminase	NM_007398	QGCL
AdCyc6	mouse		Adenylyl Cyclase Type 6	NM_007405	QGCL
AdCyc6	mouse		Mus musculus adenylate cyclase 6 (Adcy6), mRNA	NM_007405	QGCL
ADFP(1-2)	mouse	ADPH, Adrp, AA407157	Mus musculus adipose differentiation related protein (Adfp), exons 1-2	NM_007408	QGCL
ADFP(4-5)	mouse	ADPH, Adrp, AA407157	Mus musculus adipose differentiation related protein (Adfp), exons 4-5	NM_007408	QGCL
AdK	mouse	AK, MGC6593	adenosine kinase	NM_134079	QGCL
AdR1	mouse	A1MR	A1M adenosine receptor	U05671	QGCL
AdR2a	mouse		A2A adenosine receptor	Y13346	QGCL
AdR2b	mouse		adenosine A2b receptor (Adora2b)	NM_007413	QGCL
AdR3	mouse		Adenosine receptor A3 (Adora3)	NM_012896	QGCL
AE2a	mouse	Ae2, B3RP	Slc4a2, solute carrier family 4, member 2a	NM_009207	QGCL
ANF	mouse		Atrial natriuretic factor	K02781	QGCL
ApoB	mouse	apolipoprotein B isoforr	apolipoprotein B100	XM_137955	qDavies
b-Actin#2	mouse		b Actin	NM_007393	QGCL
B2MG	mouse	Ly-m11, beta2-m	Mus musculus beta-2 microglobulin (B2m)	NM_009735	QGCL
BaxA	mouse	BAX	Bcl2 associated X protein	NM_007527	QGCL
Bcl10	mouse	CLAP, ME10, cE10, CIPE		NM_009740	QGCL
c-fos	mouse		FBJ osteosarcoma oncogene	NM_010234	QGCL
cAPKa	mouse	Pkaca	protein kinase, cAMP dependent, catalytic, alpha	NM_008854	QGCL
CC10	mouse	uteroglobin, CCSP	mouse CC10	NM_011681	QGCL
CD39L	mouse	Entpd2, CD39 antigen-	ectonucleoside triphosphate diphosphohydrolase 2 (Entpd2) assay	NM_009849	QGCL
CNT-1	mouse	Dnt, Dnt1, Umph2, Unph-2		NM_015807	QGCL
Col01A1	mouse	Collagen I	collagen, type I, alpha 1	U08020	QGCL
Col02A1	mouse	Dmm, Del1, Col2a, Col	collagen, type II alpha 1	NM_031163	QGCL
COMP	mouse		cartilage oligomeric matrix protein	NM_016685	QGCL
COUP-TFII	mouse	NR2F2	NR2F2, chicken ovalbumin upstream promoter-transcription factor II	NM_009697	QGCL
Cox1	mouse	Ptgs1	prostaglandin-endoperoxide synthase 1	NM_008969	QGCL
Cox2	mouse	PGH2-2	prostaglandin-endoperoxide synthase 2	M88242	QGCL
CPT1 liver	mouse		carnitine palmitoyltransferase I	AF017175	QGCL
CPT1 muscle	mouse	Cpt1b	Carnitine palmitoyltransferase 1 beta, muscle isoform	NM_009948	QGCL
CRABP2	mouse		cellular retinoic acid binding protein 2	m35523	qDavies
CxCL1	mouse	KC, Gro1,Fsp, N51, Gro, Mgsa, Scyb1		NM_008176	QGCL
Cyclin D1	mouse			NM_007631.1	qDavies
Deiodinase	mouse		iodothyronine, type II	NM_010050	qDavies
DexRas	mouse	Rasd1	dexamethazone inducible ras GTPase	NM_009026	QGCL
DGAT1	mouse	Dgat, C75990, D15Ertc	Mus musculus diacylglycerol O-acyltransferase 1 (Dgat1)	NM_010046	QGCL
DNMT3Bgen	mouse		DNA methyltransferase 3B isoform 2	NM_00100396	QGCL
DSCR1	mouse	MCIP1, CSP1, DSC1, R	Down syndrome candidate region 1; myocyte calcinurin-interactin protein	AF260717	QGCL
Dspp	mouse		dentin sialophosphoprotein	NM_010080	QGCL
EIG121	mouse	maba1	Mouse EIG121 3' end coding region	XM_203978	qDavies
EIG121L	mouse		mEIG121-like transcript optimal assay. Probe has one mismatch with the	NM_172706	QGCL
Elovl1	mouse	Ssc1, AA407424, BB15	Mus musculus elongation of very long chain fatty acids (FEN1/Elo2, SUR4	NM_00103917	QGCL
ENaC_a	mouse	Scnn1A, mENaC	sodium channel nonvoltage-gated type I alpha	NM_011324	QGCL
ENaC_b	mouse	Scnn1b, ENacb	sodium channel nonvoltage-gated 1 beta	NM_011325	QGCL
ENaC_g	mouse	Scnn1g, ENaCg	sodium channel nonvoltage-gated 1 gamma	NM_011326	QGCL
ENT1	mouse	Slc29a1, ENT1, 1200014D21Rik		NM_022880	QGCL
FADS1	mouse	DSD, AI317215, MGC3	fatty acid desaturase 1 (Fads1)	NM_146094	QGCL
Glut-1	mouse	Glut1, Glut-1	solute carrier family 2 (facilitated glucose transporter), member 1 (Slc2a	NM_011400	QGCL
Gsa	mouse	Gnasx1	Guanine nucleotide binding protein alpha stimulating	NM_010310	QGCL
H/KATPase	mouse		ATP12a, H+/K+ transporting, non gastric, alphapolypeptide	NM_138652	QGCL
HistH2R	mouse		Mus musculus histamine receptor H 2 (Hrh2), mRNA	NM_008286	QGCL

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IFNg	mouse		Mouse interferon-gamma (MuIFN-gamma) mRNA sequence	NM_008337	QGCL
IL02	mouse		Mus musculus interleukin 2 (IL2), mRNA	NM_008366	QGCL
IL04	mouse		Mouse interlukin 4	M13238	QGCL
IL06	mouse		mouse interleukin 6 (interferon, beta 2) (IL6), mRNA	NM_031168	QGCL
IL10	mouse		Mouse interlukin 10	M37897	QGCL
IL12p40	mouse	p40, Il-12b, Il12p40, Il-12p40		NM_008352	QGCL
IL13	mouse		Interleukin 13	NM_008355	QGCL
IL13#2	mouse		Interleukin 13	NM_008355	QGCL
iNOS2	mouse		Mus musculus nitric oxide synthase 2, inducible, macrophage (Nos2),	NM_010927	QGCL
kTGase	mouse		keratin transglutaminase	NM_019984	QGCL
Lalba	mouse	AW208827	lactalbumin, alpha (Lalba)	NM_010679	QGCL
Leptin	mouse		Leptin	U18812	QGCL
LPL	mouse		Mus musculus lipoprotein lipase (Lpl),	NM_008509	QGCL
LXRa	mouse	NR1H3	Mus musculus nuclear orphan receptor LXR-alpha mRNA, complete cds	AF085745	QGCL
LXRb	mouse	NR1H2	Mus musculus nuclear receptor subfamily 1, group H, member 2 (Nr1h2)	NM_009473	QGCL
MapK14	mouse	p38-alpha, Crk1, Mxi2,	mitogen activated protein kinase 14	NM_011951	QGCL
MEKK1	mouse	Mekk, MEKK1, MapKKK	mitogen activated protein kinase kinase 1	NM_011945	QGCL
MHCa	mouse		Mus musculus myosin heavy chain, cardiac muscle, adult (Myhca), mRNA	NM_010856	QGCL
MHCb	mouse		Mus musculus beta myosin heavy chain gene, promoter region	AY056464	QGCL
Mx1/2	mouse		Mus musculus myxovirus (influenza virus) resistance 2 (Mx2)	NM_013606	QGCL
Myoglobin	mouse	Mb	M.musculus myoglobin	NM_013593	QGCL
NFE2L2	mouse	Nrf2, AI194320	Nuclear factor 2-like 2 assay (NFE2L2)	NM_010902	QGCL
NR4A1	mouse	nur77, GFRP1, Hbr-1, HGFIB, NGFI-B		NM_010444	QGCL
PACAPR	mouse		Mus musculus mRNA for pituitary adenylate cyclase-activating polypeptid	D82935	QGCL
PDK4#2	mouse		pyruvate dehydrogenase kinase, isoenzyme 4	NM_013743	QGCL
Pendrin	mouse		Pendred Syndrome Homolog (human)	NM011867	QGCL
PEPCK1	mouse	PEPCK, Pck-1, AI26546	Phosphoenolpyruvate carboxykinase 1, cytosolic (Pck1)	NM_011044	QGCL
Perilipin	mouse	Peri, perilipin A, perilipi	Mus musculus perilipin (Plin)	NM_175640	QGCL
Perilipin#2	mouse	Peri, perilipin A, perilipi	Mus musculus perilipin (Plin)	NM_175640	QGCL
PPARa	mouse	Nr1c1	Mus musculus peroxisome proliferator activated receptor alpha	NM_011144	qDavies
PPARd	mouse	FAAR, NUC1, NUCI, NR1C2, NUCII, PPARB, MGC3931, PPAR-beta		NM_011145	QGCL
PRgen	mouse	PRA		NM_008829	qDavies
PRgen	mouse	PRA	Progrestrone Receptor	NM_008829	qDavies
Pthlh	mouse	Pthrp, PTH-like	parathyroid hormone-like peptide (Pthlh)	NM_008970	QGCL-SYBR
RALDH2	mouse	Aldh1a2	Mus musculus Aldehyde dehydrogenase family 1 subfamily A2	NM_009022	QGCL
Runx2	mouse	Cbf, LS3, AML3, Osf2, Cbfa1, Cbfa-1, PEBP2aA, Pebp2a1, Pebpa2a		NM_009820	QGCL
RXRa#2	mouse		Retinoid X receptor alpha	NM_011305	QGCL
SCD1(3')#2	mouse		stearoyl-coenzyme A desaturase I	NM_009127	QGCL
SCD1#2	mouse	ab, SCD, Scd-1	mouse Stearoyl-Coenzyme A desaturase 1	NM_009127	QGCL
Scd2	mouse	Scd-2	Mus musculus stearoyl-Coenzyme A desaturase 2 (Scd2)	NM_009128	QGCL
SCYA7 (MCP3)	mouse	FIC, MARC, MCP3, NC2	Mus musculus chemokine (C-C motif) ligand 7 (CCL7)	Z12297	QGCL
SOCS1	mouse		suppressor of cytokine signalling-1	AF120490	QGCL
SOCS2	mouse		suppressor of cytokine signalling-2; cytokine inducible SH2-containing pr	NM_007706	QGCL
SOCS3	mouse		cytokine inducible SH2 containing protein 3 (Cish3); suppressor of cytoki	NM_007707	QGCL
SPA	mouse		Mus musculus surfactant associated protein A	NM_023134	QGCL
SPB	mouse		Mouse Surfactant protein B	NM_147779	QGCL
SPC	mouse		Mouse Surfactant protein C	NM_011359	QGCL
SPD	mouse		mouse surfactant protein D	BC003705	QGCL
SPP1	mouse		Osteopontin, Secreted Phosphoprotein 1	NM_009263	QGCL
TGase2#2	mouse		Transglutaminase 2	NM_009373	QGCL
TGFb1	mouse		Transforming growth factor, beta 1 (TGFB1)	NM_011577	QGCL
TIP47	mouse	1300012C15Rik	Mus musculus mannose-6-phosphate receptor binding protein 1 (M6prbp	NM_025836	QGCL
TNFa	mouse		Mus musculus tumor necrosis factor alpha (Tnf)	NM_013693	QGCL
TNI fast	mouse		Mus musculus troponin I, skeletal, fast 2	NM_009405	qDavies
TrpC4	mouse	CCE1, Trp4, Trrp4, STR	transient receptor potential cation channel, subfamily C, member 4 (Trpc	NM_016984	QGCL
Twist-1	mouse	Pde, pdt, Ska10, Twist, M-Twist, AA960487, MGC103391		NM_011658	QGCL
UPC1	mouse	Ucp, Slc25a7, AI38562	uncoupling protein 1 (mitochondrial, proton carrier)	NM_009463	QGCL
VEGF	mouse		Mus musculus vascular endothelial growth factor	M95200	QGCL
Cyclophilin	mouse	PPIA	peptidylprolyl isomerase A ,Cyclophilin	NM_008907	QGCL
FLAG-fmr1	plasmid		plasmid construct-specific assay	none	QGCL
pAAV_CMV	plasmid		CMV promoter region in plasmid pAAV-MCS	AF396260	QGCL
pTET-activator	plasmid	TET-responsive transcri	Tetracycline-responsive transcriptional activator	U89930 (pTET	QGCL
IGF1R	rat		IGF-1 Receptor	NM_052807	qDavies
36B4	rat		36B4 (ribosomal phosphoprotein P0)	X15096	QGCL
36B4#2	rat		acidic ribosomal phosphoprotein P0	NM_022402	QGCL
AE2a	rat	Ae2, B3RP	Slc4a2, solute carrier family 4, member 2a	NM_017048	QGCL
AE2b1	rat		AE2 Cl-/HCO3 exchanger, variant 2b1	AF255774; AE	QGCL
AE2b2	rat		see rAE2b1	AF255774; spl	QGCL
ANF	rat	Pnd, Nppa	Atrial natruretic factor	NM_012612	QGCL
ApoB	rat	Aa1064	Apolipoprotein B100	AY318958	QGCL
Aqp2	rat	AQP-2, aquaporin-2, Ac	aquaporin 2	NM_012909	QGCL
Aqp4	rat	Miwc, AQP-4, MIWC2, A	aquaporin 4	NM_012825	QGCL
Aqp6	rat		aquaporin 6	NM_022181	QGCL
Aqp7	rat	Aqp7, aquaporin 7	aquaporin 7	NM_019157	QGCL
AUF	rat		Rattus norvegicus mRNA for RNA binding protein p37 AUF1	AB046617	QGCL
b-Actin	rat		b Actin	NM_031144	QGCL

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c-fos	rat		FBJ osteosarcoma oncogene	X06769	QGCL
c-Myc	rat		proto-oncogene	NM_012603	qDavies
CDC42ep1	rat		CDC42 effector protein (Rho GTPase binding) 1 (predicted) (Cdc42ep1)	NM_00107970	QGCL-SYBR
Cgrrf1	rat	Cgr19, MGC93274	norvegicus cell growth regulator with ring finger domain 1 (Cgrrf1)	NM_053899	QGCL-SYBR
Cox1	rat	Ptgs1	prostaglandin-endoperoxide synthase 1	S67721	QGCL
Cox2	rat	PGH2-2	prostaglandin-endoperoxide synthase 2	NM_017232	QGCL
Cox2#2	rat	Cox2, COX-2	prostaglandin-endoperoxide synthase 2 (Ptgs2)	NM_017232	QGCL
CPT1 liver	rat		carnitine palmitoyltransferase I liver	NM_031559	QGCL
CPT1 muscle	rat	Cpt1b	Carnitine palmitoyltransferase 1 beta, muscle isoform (Cpt1b)	NM_013200	QGCL
CRABP2	rat		cellular retinoic acid binding protein 2	U23407	qDavies
Cyclin A2	rat	MGC156527	Rattus norvegicus cyclin A2 (Ccna2)	NM_053702	qDavies
Cyclin D1	rat			NM_171992	qDavies
Cyclophilin	rat	PPIA	peptidylprolyl isomerase A ,Cyclophilin	NM_017101	QGCL
EET1	rat		estrogen-enhanced transcript 1	U53184	qDavies
EIG121	rat	maba1	Rat EIG121 3' end coding region	XM_342320	qDavies
eNOS	rat	nos3	endothelial nitric oxide synthase	AJ011115	QGCL
ERa	rat	ESR, NR3A1	estrogen receptor alpha	NM_012689	qDavies
Erk2	rat	Mapk1	extracellular signal-regulated kinase 2	M64300	QGCL
FLT1	rat	VEGF receptor		NM_019306	QGCL
grp78	rat	BIP	Rattus norvegicus heat shock 70kDa protein 5 (glucose-regulated protein	NM_013083	QGCL
HemeOx1	rat	Hmox1	heme oxygenase 1	NM_012580	QGCL
IFNg	rat		Rattus norvegicus interferon gamma (IFN-gamma) mRNA, complete cds	AF010466	QGCL
IGF1 #2	rat			NM_178866	qDavies
IGF2	rat			NM_031511	qDavies
IGF2R	rat	IGF2R	Insulin-like growth factor 2 receptor	NM_012756	QGCL
IGFBP3#3	rat		Rattus norvegicus Insulin-like growth factor-binding protein (IGF-BP3)	NM_012588	qDavies
IGFBP5#2	rat			NM_012817	qDavies
IL02	rat		Rat interleukin 2 mRNA, complete cds	M22899	QGCL
iNOS2	rat		Rattus norvegicus Nitric oxide synthase 2, inducible (Nos2), mRNA	D14051	QGCL
iNOS2#2	rat		nitric oxide synthase 2A, inducible	NM_012611	QGCL
IRS 1	rat		Rattus norvegicus Insulin receptor substrate 1 (Irs1), mRNA.	NM_012969	qDavies
Khsrp	rat	Marta1	norvegicus KH-type splicing regulatory protein (Khsrp)	NM_133602	QGCL-SYBR
MAP kinase 12	rat	p38g	mitogen-activated protein kinase 12 (Mapk12), mRNA	NM_013871	QGCL
MMP09	rat		gelatinase B, 92 kDatype IV collagenase, metrix metalloproteinase 9	NM_031055	QGCL
Nf1	rat		Rattus norvegicus neurofibromatosis 1 (Nf1)	NM_012609	QGCL-SYBR
nNOS	rat	NOS3	Rattus norvegicus neuronal nitric oxide synthase mRNA,	X59949	QGCL
nNOSμ	rat		Rattus norvegicus neuronal nitric oxide synthase mu mRNA, complete cd	U67309	QGCL
P21	rat	Cip1, Waf1	Rattus norvegicus cyclin-dependent kinase inhibitor 1A (Cdkn1a)	NM_080782	qDavies
p27	rat	Kip1; Cdkn1b	cyclin-dependent kinase (cdk) inhibitor 1B	NM_031762	qDavies
Pax3	rat	Sp, Pax-3, splotch	PREDICTED: Rattus norvegicus paired box gene 3 (Pax3)	XM_343601	QGCL-SYBR
PCNA#2	rat	PCNAR, PCNA/cyclin	Rattus norvegicus proliferating cell nuclear antigen (Pcna)	NM_022381	QGCL
Period2	rat	rPER2	Circadian rhythm; SYBR Green I assay	NM_031678	QGCL
PGD2S	rat		protaglandin D2 synthase, PTGD2	NM_013015	QGCL
PPARg	rat		Peroxisome proliferator activated receptor, gamma	NM_013124	QGCL
PRgen	rat	PRA	Progrestrone Receptor	NM_022847	qDavies
PTP	rat		Rattus norvegicus Protein-tyrosine phosphatase	NM_012637	QGCL
RALDH2	rat	Aldh1a2	Rattus norvegicus Aldehyde dehydrogenase family 1, subfamily A2	NM_053896	QGCL
RAOH1	rat	CYP26A1	retinoic acid 4-hydroxylase 1	NM_130408	qDavies
RXRa#2	rat		Retinoid X receptor alpha	NM_012805	QGCL
RXRg#2	rat		R. norvegicus mRNA for retinoic acid X receptor gamma-1	AJ223083	QGCL
sFLT1	rat	soluble VEGF receptor	soluable FMS-like tyrosine kinase 1 assay	AF157595	QGCL
sFRP4	rat		secreted frizzled-related protein 4	NM_053544	qLoose
sGCa1	rat	Gucyl1a3, SGC, Gucyla	rat soluable guanadine cyclase alpha 1	NM_346628	QGCL
sGCb1	rat	Gucy1b3, Gucylb1,SGC	rat soluable guanalyl cyclase beta 1	NM_012769	QGCL
Somatostatin	rat		Rattus norvegicus Somatostatin	NM_012659	QGCL
TIMP1	rat		Tissue inhibitor of metalloproteinase 1	NM_053819	QGCL
TIMP2	rat		tissue inhibitor of metalloproteinase 2	NM_021989	QGCL
TNFa	rat		Rattus norvegicus Tumor necrosis factor, alpha (cachetin)	X66539	QGCL
Tnk2	rat	ACK, ACK1, FLJ44758,	tyrosine kinase, non-receptor, 2 (Tnk2)	NM_00100833	QGCL-SYBR
VEGF	rat		Rattus norvegicus vascular endothelial growth factor-A144	AF222779	QGCL
Wnt7A#2	rat		Wingless-type MMTV integration site 7A; Wnt7A	XM_342723	QGCL
MMP02	rat & mouse		Type IV Collagenase; matrix metalloproteinase 2	NM_031054	QGCL