

**Supplemental Table 1:** Genes included in the qRT-PCR array profiling study

<b>Gene Symbol</b>	<b>Gene Name</b>
Acaca	Acetyl-Coenzyme A carboxylase alpha
Acox1	Acyl-Coenzyme A oxidase 1, palmitoyl
Cfd	Complement factor D (adipsin)
Adra1d	Adrenergic receptor, alpha 1d
Aebp1	AE binding protein 1
Akt1	Thymoma viral proto-oncogene 1
Akt2	Thymoma viral proto-oncogene 2
Akt3	Thymoma viral proto-oncogene 3
Araf	V-raf murine sarcoma 3611 viral oncogene homolog
Bcl2l1	Bcl2-like 1
Braf	Braf transforming gene
Cap1	CAP, adenylate cyclase-associated protein 1
Cbl	Casitas B-lineage lymphoma
Cebpa	CCAAT/enhancer binding protein (C/EBP), alpha
Cebpb	CCAAT/enhancer binding protein (C/EBP), beta
Dok1	Docking protein 1
Dok2	Docking protein 2
Dok3	Docking protein 3
Dusp14	Dual specificity phosphatase 14
Eif2b1	Eukaryotic translation initiation factor 2B, subunit 1 (alpha)
Eif4ebp1	Eukaryotic translation initiation factor 4E binding protein 1
Ercc1	Excision repair cross-complementing rodent repair deficiency, complementation group 1
Fbp1	Fructose biphosphatase 1
Fos	FBJ osteosarcoma oncogene
Mtor	Mechanistic target of rapamycin (serine/threonine kinase)
Frs2	Fibroblast growth factor receptor substrate 2
Frs3	Fibroblast growth factor receptor substrate 3
G6pc	Glucose-6-phosphatase, catalytic
G6pc2	Glucose-6-phosphatase, catalytic, 2
Gab1	Growth factor receptor bound protein 2-associated protein 1
Gck	Glucokinase
Gpd1	Glycerol-3-phosphate dehydrogenase 1 (soluble)
Grb2	Growth factor receptor bound protein 2
Grb10	Growth factor receptor bound protein 10
Gsk3b	Glycogen synthase kinase 3 beta
Hk2	Hexokinase 2
Hras1	Harvey rat sarcoma virus oncogene 1
Ide	Insulin-degrading enzyme
Igf1	Insulin-like growth factor 1

Igf1r	Insulin-like growth factor I receptor
Igf2	Insulin-like growth factor 2
Igfbp1	Insulin-like growth factor binding protein 1
Ins1	Insulin I
InsI3	Insulin-like 3
Insr	Insulin receptor
Irs1	Insulin receptor substrate 1
Irs2	Insulin receptor substrate 2
Jun	Jun oncogene
Kras	V-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
Ldlr	Low density lipoprotein receptor
Lep	Leptin
Map2k1	Mitogen-activated protein kinase kinase 1
Mapk1	Mitogen-activated protein kinase 1
Nck1	Non-catalytic region of tyrosine kinase adaptor protein 1
Nos2	Nitric oxide synthase 2, inducible
Npy	Neuropeptide Y
Pck2	Phosphoenolpyruvatecarboxykinase 2 (mitochondrial)
Pdpk1	3-phosphoinositide dependent protein kinase 1
Pik3ca	Phosphatidylinositol 3-kinase, catalytic, alpha polypeptide
Pik3cb	Phosphatidylinositol 3-kinase, catalytic, beta polypeptide
Pik3r1	Phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)
Pik3r2	Phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 2 (p85 beta)
Pklr	Pyruvate kinase liver and red blood cell
Pparg	Peroxisome proliferator activated receptor gamma
Ppp1ca	Protein phosphatase 1, catalytic subunit, alpha isoform
Prkcc	Protein kinase C, gamma
Prkci	Protein kinase C, iota
Prkcz	Protein kinase C, zeta
Prl	Prolactin
Ptpn1	Protein tyrosine phosphatase, non-receptor type 1
Ptprf	Protein tyrosine phosphatase, receptor type, F
Raf1	V-raf-leukemia viral oncogene 1
Retn	Resistin
Rps6ka1	Ribosomal protein S6 kinase polypeptide 1
Rras	Harvey rat sarcoma oncogene, subgroup R
Rras2	Related RAS viral (r-ras) oncogene homolog 2
Serpine1	Serine (or cysteine) peptidase inhibitor, clade E, member 1
Shc1	Src homology 2 domain-containing transforming protein C1
Slc27a4	Solute carrier family 27 (fatty acid transporter), member 4
Slc2a1	Solute carrier family 2 (facilitated glucose transporter), member 1 (Glut1)
Slc2a4	Solute carrier family 2 (facilitated glucose transporter), member 4 (Glut4)
Sorbs1	Sorbin and SH3 domain containing 1

Sos1	Son of sevenless homolog 1 (Drosophila)
Srebf1	Sterol regulatory element binding transcription factor 1
Tg	Thyroglobulin
Klf10	Kruppel-like factor 10
Ucp1	Uncoupling protein 1 (mitochondrial, proton carrier)
Vegfa	Vascular endothelial growth factor A
Actb	Actin, beta
Gapdh	Glyceraldehyde-3-phosphate dehydrogenase
Gusb	Glucuronidase, beta
Hprt	Hypoxanthine guanine phosphoribosyltransferase
Hsp90ab1	Heat shock protein 90 alpha (cytosolic), class B member 1