Supporting Table S1. Primers used for the q-PCR of the target and reference genes

Protein	Gene	Accession number	Primer sequence (from 5' to 3')
Selenoprotein encoding genes			
DIO1	*DIO1*	AY533206	F: CATGGCCAAGAACCCTCACT
			R: CCAGAAATACTGGGCACTGAAGA
DIO2	*DIO2*	AY533207	F: CGCTGCATCTGGAAGAGCTT
			R: TGGAATTGGGTGCATCTTCA
DIO3	*DIO3*	AY533208	F: TGAAGTGGAGCTCAACAGTGATG
			R: TGTCGTCAGACACGCAGATAGG
GPX1	*GPX1*	AF532927	F: GATGCCACTGCCCTCATGA
			R: TCGAAGTTCCATGCGATGTC
GPX2	*GPX2*	DQ898282	F: AGAATGTGGCCTCGCTCTGA
			R: GGCATTGCAGCTCGTTGAG
GPX3	*GPX3*	AY368622	F: CCGGTTCCTGTTTTCCAAATT
			R: TGCACTGCAGGAAGAGTTTGAA
GPX4	*GPX4*	NM_214407	F: TGAGGCAAGACGGAGGTAAACT
			R: TCCGTAAACCACACTCAGCATATC
GPX6	*GPX6*	NM_001137607	F: GAGCTGAAGCCTTTTGGTGTAGTT
			R: CTTTGCTGGTTCTTGTTTTCCA
MSRB1	*MSRB1*	EF113597	F: ATCCCTAAAGGCCAAGAATCATC
			R: GGCCACCAAGCAGTGTTCA
SELENOF	*SELENOF*	EF178474	F: ACAGCCCTGCCAAGCAGAT
			R: AACAGGGAGGCTGGGTAACAC
SELENOH	*SELENOH*	HM018602	F: TGGTGGAGGAGCTGAAGAAGTAC
			R: CGTCATAAATGCTCCAACATCAC
SELENOI	*SELENOI*	NM_001244662.1	F: GATGGTGTGGATGGAAAGCAA
			R: GCCATGGTCAAAGAGTTCTCCTA
SELENOK	*SELENOK*	DQ372075	F: CAGGAAACCCCCCTAGAAGAA
			R: CTCATCCACCGGCCATTG

SELENOM	*SELENOM*	FJ968780	F: CAGCTGAATCGCCTCAAAGAG R: GAGATGTTTCATGACCAGGTTGTG
SELENON	*SELENON*	EF113595	F: ACCTGGTCCCTGGTGAAAGAG R: AGGCCAGCCAGCTTCTTGT
SELENOO	*SELENOO*	AK236851	F: CTTCCGACCCCAGATGGAT R: GGTTCGACTGTGCCAGCAT
SELENOP	*SELENOP*	EF113596	F: AACCAGAAGCGCCAGACACT R: TGCTGGCATATCTCAGTTCTCAGA
SELENOS	*SELENOS*	AY609646	F: GAGGCAGAGGCACCTGGAT R: CTGCTAAAGCCTCCTGTCGTTT
SELENOT	*SELENOT*	AY609428	F: GGCTTAATAATCGTTGGCAAAGA R: TGGCCCCATTGCCAGATA
SELENOV	*SELENOV*	GQ478346	F: CACTGGTCGCCAATGGATTC R: AGTGGCCAACGGAGAAAGC
SELENOW	*SELENOW*	NM_213977	F: CACCCCTGTCTCCCTGCAT R: GAGCAGGATCACCCCAAACA
SEPHS2	*SEPHS2*	EF033624	F: TGGCTTGATGCACACGTTTAA R: TGCGAGTGTCCCAGAATGC
TXNRD1	*TXNRD1*	AF537300	F: GATTTAACAAGCGGGTCATGGT R: CAACCTACATTCACACACGTTCCT
TXNRD2	*TXNRD2*	GU181287	F: TCTTGAAAGGCGGAAAAGAGAT R: TCGGTCGCCCTCCAGTAG
TXNRD3	*TXNRD3*	BX918808	F: GTGCCCTACGTTTATGCTGTTG R: TCCGAGCCACCAGCTTTG
Metabolism-related genes			
AMPKα1	*AMPKα1*	NM_001167633.1	F: TTGACTCGGCCCCATCCT R: GTATGGCGTGCCCTTGGA
GCK	*GCK*	XM_013985832.2	F: GTGGTGGCAATGGTGAATGAC R: TCGGCGGTCTTCATAGTAGCA

PCK2	*PCK2*	NM_001161753.1	F: GCCCTTCTTCGGCTACAACTTT R: CCTTGCGCCCCTCCAT
INSR	*INSR*	AF102858.1	F: CCAAAGGCCAGCCAACACT R: GGGAACGCAGGTAACTCTTTAAGTC
AKT1	*AKT1*	NM_001159776.1	F: AGAACCGCGTCCTCCAGAA R: CGTGGGTCTGGAAGGAGTACTTC
SREBF1	*SREBF1*	NM_214157.1	F: GCTGAATAAATCCGCCGTCTT R: CTGGTTGCTCTGCTGAAGGAA
ACC1	*ACC1*	XM_021066238.1	F: CAAGACCACCAACGCGAAA R: GGCAAATGGGAGGCAATAAGA
PPARG	*PPARG*	NM_214379.1	F: TGCCACAGGCTGAGAAGGA R: GGGTTCAGCTGGTCGATATCAC
FASN	*FASN*	NM_001099930.1	F: GTGGGTGTGAGCAGTTCTGATG R: GCCCCTTGAAGTCAAAGAAGAAG
mTOR	*mTOR*	XM_003127584.6	F: GGACACAAACACCAAAGGTAACAAG R: GTGGTCCCCGTTTTCTTATGG
4E-BP1	*4E-BP1*	NM_001244225.1	F: CCCCCTGCTTCCTCACTCA R: TGGAGGTATCTGCTGGTGTTCA
Housekeeping control genes			
β-ACTIN	*β-ACTIN*	NM_007393.5	F: ACCAGTTCGCCATGGATGAC R: TGCCGGAGCCGTTGTC
GAPDH	*GAPDH*	GU214026.1	F: GGGAAGCCCATCACCATCT R: CGGCCTCACCCCATTTG