Supplemental Table 1

Supplemental Table I: Sequence of QRT-PCR primers

Gene	Forward Primer 5'->3'	Reverse Primer 5'->3'
AFX	TGGAGAACCTGGAGTGTGACAT	GAGGGCTCAAGGGTAAAGAGTA
AKT1	ATGATCACCATCACACCACCT	CTCTCCATCCCTCCAAGCTAT
AKT2	GGTCGACACAAGGTACTTCGAT	ATGCTGGCCGAGTAGGAGA
CBL	CTCTAATGCCAGCTCCTCCTTT	GCTTTCCGTTCAGAGTTGATTC
CBLB	CTGTTTCCCTGAATTCACAACC	TGCTTAAGTCAGGGATGTTTGA
eIF4EBP	AGCCCTTCCAGTGATGAGC	CTTGGTAGTGCTCCACACGAT
FKHR	CACACAGTGTCAAGACAACGAC	AAAAGGGAGTTGGTGAAAGACA
GSK3α	CCCTCAGGAGGAGTTAGTGAGG	TCTCTCAACGCCATTCTTATCC
GSK3β	CAGCAGCGTCAGATGCTAATAC	ATTCTTTCCAAACGTGACCAGT
IGF1R	CTTGTCCAACGAGCAAGTCCT	CTGATGATCTCCAGGAAGGAAG
IRS1	AGTTTCCAGAAGCAGCCAGCAG	GGATGCATCGTACCATCTACTG
mTOR	CTGCTCATCAAACAAGCGACAT	ACCATGGTTTCAGTTTAGTGGA
P110α	ACGTGTGCCATTTGTTTTGAC	TTATGAAGAGATTGGCATGCTG
P70S6K2	CATCAGAGACTGACTGCTGCTC	CTGGTGACTGATTACGGTTCAA
P70SK61	ATAAGAGCAAGCGGGATCCTT	GTGTTTGCCATCATCATACACA
P85α	AAGGGAGGTGTGTTGGTAATGTA	GAGAAGACATGGAATGTTGGAAG
P85β	AGGCAGAGGAGATGCTGAGT	GTAGATGACGCAGTGCTTGGT
PDK1	AAAGGTGAAATTCCTTGGTCAC	CTCCAAACCTTCCTGGATCTTC
PTEN	AGAGCGTGCAGATAATGACAAG	GGATCAGAGTCAGTGGTGTCAG
S6RP	GAAGAAGCAGCGTACCAAGAAA	GAAGTAGAAGCTCGCAGAGAGG
TSC1	ATAACCCAGGTGTTTGAATTGG	GTGCCCTACCATGGAATCTG
TSC2	ACCGATATCTACCCCTCCAAGT	AGTCTGTGCAGGGGCTTTG

Note: 5' and 3' exon primers flanking the 3' most intron of each indicated gene were selected using Primer3 and the following parameters: primer size=22 bp, Tm=60°C, %GC=50, <4 poly-X, amplicon size 150-250; and BLAST searched against the human genome. The amplification of a single RT-PCR product was confirmed by visualization on agarose gels.