

Table 1 The primers of genes encoding the critical enzyme or kinase

Gene	Forward (5' to 3')	Reverse (5' to 3')
ERBB2	<i>ACCCAGCTCTTTGAGGACAA</i>	<i>TGGTATTGTTTCAGCGGGTCT</i>
PPARG	<i>CCACCAACTTTGGGATCAGC</i>	<i>TCTGCAACCACTGGATCTGT</i>
PTGS2	<i>CTAGAGCCCTTCCTCCTGTG</i>	<i>GCTGGGCAAAGAATGCAAAC</i>
MTOR	<i>GTGGTGGCAGATGTGCTTAG</i>	<i>TTCAGAGCCACAAACAAGGC</i>
TNF	<i>AGGACCAGCTAAGAGGGAGA</i>	<i>TTCAGTGCTCATGGTGTCT</i>
GSTP1	<i>GACCTCACCCGTGTACCAGTC</i>	<i>CCGTCATTCACCATGTCCAC</i>
MCM7	<i>TAGTGATCAGGTGCCTGTGG</i>	<i>GGGCTTCCAGGTAGGTTTCT</i>
TAB2	<i>TCCTGGTGGTACAACCTCGAC</i>	<i>TGCTGAGGGTTCATGGGATT</i>
XPO1	<i>AGGAAGGAGCAGTTGGTCA</i>	<i>TTCTTTGCTGGGCTCCTTCT</i>
STAT3	<i>GTGGGAAGAATCACGCCTTC</i>	<i>AGATCCTGCACTCTCTTCCG</i>
Becline 1	<i>AACCTCAGCCGAAGACTGAA</i>	<i>CAGTGACGTTGAGCTGAGTG</i>
p62	<i>AGAGCGAGTGCTGATACCTG</i>	<i>AGCTCTTCCTCCTTGGCTTT</i>
LC3A	<i>CACAGCATGGTGAGTGTGTC</i>	<i>TCAGAAGCCGAAGGTTTCCT</i>
LC3B	<i>AAGGCGCTTACAGCTCAATG</i>	<i>GTCTCCTGGGAGGCATAGAC</i>
Caspase 3	<i>TCGGTCTGGTACAGATGTCTG</i>	<i>CTTCACCATGGCTCAGAAGC</i>

ERBB2: Receptor tyrosine-protein kinase erbB-2; PPARG: Peroxisome proliferator activated receptor gamma; PTGS2: Prostaglandin-endoperoxide synthase 2; MTOR: Mechanistic target of rapamycin; TNF: Tumor necrosis factor; GSTP1: Glutathione S-transferase pi; MCM7: DNA replication licensing factor MCM7; XPO1: Exportin 1; STAT3: Signal transducer and activator of transcription 3; LC3A: Light chain 3 A protein; LC3B: Light chain 3 A protein; Caspase 3: CysteinyI aspartate specific proteinase 3.