| Target       | Direction | Primer sequence (5'-3')           |
|--------------|-----------|-----------------------------------|
| TXNIP-rat    | Forward   | 5'-GGCCGGACGGGTAATAGTG-3'         |
|              | Reverse   | 5'-AGCGCAAGTATCCAAAGTCT-3'        |
| TXNIP-human  | Forward   | 5'-GGTCTTTAACGACCTGAAAAGG-3'      |
|              | Reverse   | 5'-ACACGAGTAACTTCACACACCT-3'      |
| β-actin-rat  | Forward   | 5'-GTGACGTTGACATCCGTAAGA-3'       |
|              | Reverse   | 5'-GCCGAACCTCATCGACTCC-3'         |
| β-actin-human| Forward   | 5'-GTCTGCCTTTGATGGTGGATAATG-3'    |
|              | Reverse   | 5'-TCGAGGAACCCCTATCATGG-3'        |
| miR-16-5p    | Forward   | 5'-TCCACTCTAGCAGACGTAAA-3'        |
|              | reverse   | 5'-TCCACTCTAGCAGACGTAAA-3'        |
| U6           | Forward   | 5'-CTCGCTTTGCGCAGCACATATAT-3'     |
|              | Reverse   | 5'-ACGCTTCAAGAATTTGCGTGTC-3'      |