

Supplementary Table 1 Primers used for target amplification

Gene	Sequences (5'-3')	Amplicon size (bp)
LINC01268	Forward primer: AGCTGCCGAGTGAGAAGTCTGA Reverse primer: TGGGATGGCTAGAGTGGGATCA	200
MARCKS	Forward primer: AGTGCGGCTACAAATCTGGGAT Reverse primer: GGTGGTGGAGAGGACAGAACAG	190
PIK3CA	Forward primer: CCACGACCATCATCAGGTGAA Reverse primer: CCTCACGGAGGCATTCTAAAGT	112
Akt	Forward primer: TCCTCCTCAAGAATGATGGCA Reverse primer: GTGCGTTCGATGACAGTGGT	181
GAPDH	Forward primer: GGATTTGGTCGTATTGGGCG Reverse primer: ATCGCCCCACTTGATTTTGG	240
ACTB	Forward primer: CATGTACGTTGCTATCCAGGC Reverse primer: CTCCTTAATGTCACGCACGAT	250
18S RNA	Forward primer: GACACGGACAGGATTGACAGATTGA Reverse primer: ATGCCAGAGTCTCGTTCGTTATCG	123