

Table S1. Primers used in real-time RT-PCR

Primer	Sequence (5' to 3')
<i>Col10a1</i> S	CCAATGCAGAATCAAACGG
<i>Col10a1</i> AS	TGGAAAGCCTTTCTAAGCG
<i>Pik3ca</i> S	CCACGACCATCTTCGGGTG
<i>Pik3ca</i> AS	ACGGAGGCATTCTAAAGTCACTA
<i>Pik3cb</i> S	CTATGGCAGACAACCTTGACAT
<i>Pik3cb</i> AS	CTTCCCAGGTACTTCCAAC
<i>Pik3r1</i> S	ACACCACGGTTTGGACTATGG
<i>Pik3r1</i> AS	GGCTACAGTAGTGGGCTTGG
<i>Pik3r2</i> S	GGATGCCTGGCTTCAACGA
<i>Pik3r2</i> AS	CTGGGAGTATGTGGCCTGACT
<i>Akt1</i> S	ATGAACGACGTAGCCATTGTG
<i>Akt1</i> AS	TTGTAGCCAATAAAGGTGCCAT
<i>Akt2</i> S	ACGTGGTGAATACATCAAGACC
<i>Akt2</i> AS	GCTACAGAGAAATTGTTCAAGGGG
<i>Akt3</i> S	TGGGTTCAGAAGAGGGGAGAA
<i>Akt3</i> AS	AGGGGATAAGGTAAGTCCACATC
<i>PIK3CA</i> S	ACCAGTAGGCAACCGTGAAG
<i>PIK3CA</i> AS	TGGCGGATAGACATACATTGCT
<i>PIK3CB</i> S	CCTTTTGCCCACTGGGATTTA
<i>PIK3CB</i> AS	AGGTCTGACATCACAGAGTCTT
<i>PIK3R1</i> S	AAAGGGTCCTTAGTAGCTCTTGG
<i>PIK3R1</i> AS	CGTAAGTTCCCGGAAAGTCCC
<i>PIK3R2</i> S	GTCCGAGATGCTTCTAGCAAG
<i>PIK3R2</i> AS	CAGCTTATTGTTCCCGCCTTT
<i>AKT1</i> S	GCACAAACGAGGGGAGTACAT
<i>AKT1</i> AS	CCTCACGTTGGTCCACATC
<i>AKT2</i> S	CAAGCGTGGTGAATACATCAAGA
<i>AKT2</i> AS	GCCTCTCCTTGATCCCAATGA
<i>AKT3</i> S	AAGGTTGGGTTTCAAGAGGGG
<i>AKT3</i> AS	TGAGGGGATAAGGTAATCCACA