

Table SI. siRNA sequences.

Target gene	No.	Sequence, 5' → 3'
AKT3	siRNA1	CAGAGGUGUUAGAAGAUAAUG
AKT3	siRNA2	CGAUGUUACCAUUGUGAAAGA
AKT3	siRNA3 ^a	CAGCAGGCACGUU AACUCGAA
RAC1	siRNA1	AGAAGAUUAUGACAGAUUACG
RAC1	siRNA2	GAUGUUCUGUACAACUUAACU
RAC1	siRNA3 ^a	AACCUUUGUACGCUUUGCUC A

^aSelected for use in final experiments. si, small interfering.

Table SII. Primer sequences of hub genes.

Gene	RefSeq accession no.	Forward sequence 5'→3'	Reverse sequence, 5'→3'
CCND1	NG_007375.1	AGCTGTGCATCTACACCGAC	AATGAACTTCACATCTGTGGCA
EGFR	NG_007726.3	ACGAGTAACAAGCTCACGCA	GATCACACTTTTGGCCCTGT
WNT1	NG_033141.1	AAAATCCGGGGATCCTGCAC	GTTTCTCGACAGCCTCGGTT
JUN	NG_047027.1	GCCAGGTCGGCAGTATAGTC	GGACTCTGCCACTTGTCTCC
DVL1	NG_008048.2	CAGCAGAGTGAAGGGAGCAA	TGTGATCCGATTCACTGCCA
ACTN1	NG_029480.1	TACACCATGGAGCACATCCG	GGGGGTCGTTGCCAATATCA
ACTN2	NG_009081.2	ATGTTGGATGCTGAAGACATCGTG	TCCGCGCCCGCAAAA
HIST1H2BO	NM_003527.4	GCAGCCGCAAAGAGAGTTAC	AAAAGAGCCTTTGGATTGCTGG
AKT3	NG_029764.2	TTTTCTCTATTATTTGGGCTGAGTC	CCCCTCTTCTGAACCCAACC
RAC1	NG_029431.1	TCCGCAAACAGATGTGTTCTTA	CGCACCTCAGGATACCACTTT
GAPDH	NG_007073.2	CATGGGTGTGAACCATGAGA	CAGTGATGGCATGGACTGTG