

Table SI. Primer sequences.

Name	Primer	Sequence (5'-3')
SCAT2	Forward	ACTCAGACATCGGAGGGGAC
	Reverse	CTCAGTGTGAACCACCAGTCT
AC112496.1	Forward	TCCTAACCTCCCTCAGAGCAT
	Reverse	AGCGATTTAGTGCTGGGTGG
ARHGEF38-IT1	Forward	ACTTTTAGGGGCAGAAGCCAT
	Reverse	TTCTGGCAATGACACCCACTT
AL136115.2	Forward	CACGCATCTTCTGATTAAGTGG
	Reverse	GGTAGGTAGTGCAGAGGATAGA
AC026356.1	Forward	AGGGACTGATGTGGATACTGGT
	Reverse	ACTGATGGAGGGTTTATCCAGC
AC026368.1	Forward	ATACTTCACATCCCTCGCCC
	Reverse	GATGCTACAGAGTGACCACG
AC016831.4	Forward	TTGCCTGCCTTTGACCTTCC
	Reverse	CAGCCGTTGGGTATGCTTTT
AC104695.4	Forward	CGCCTCCCAGTCATCATCTC
	Reverse	GTTCCTCCAGAAGCCGTCTC
AC092338.1	Forward	ACTCCTTTTGGTCGTCCTTCTC
	Reverse	GTGTCTACACACAGGAACCCA
AC087222.1	Forward	GCGGTTGTGTGCAGACTTTT
	Reverse	GGAGGTGTGGACAGAAAGCA
LINC01811	Forward	GCCGAGACCACCATTTTGAA
	Reverse	TGGGGCAAAGGAAAAGGGAG
MIR181A2HG	Forward	GGTGGTCACTTTGGAGGACA
	Reverse	CAGGCCCCTTGACAGGTTAT
LMNA	Forward	AATGATCGCTTGGCGGTCTAC
	Reverse	CACCTCTTCAGACTCGGTGAT
BCL2	Forward	GGTGGGGTCATGTGTGTGG
	Reverse	CGGTTCAGGTACTCAGTCATCC
ATG12	Forward	TAGAGCGAACACGAACCATCC
	Reverse	CACTGCCAAAACACTCATAGAGA
SNAI2	Forward	CGAACTGGACACACATACAGTG
	Reverse	CTGAGGATCTCTGGTTGTGGT
UCP2	Forward	GGAGGTGGTCGGAGATACCAA
	Reverse	ACAATGGCATTACGAGCAACAT
GAPDH	Forward	AGCCACATCGCTCAGAACAC
	Reverse	GAGGCATTGCTGATGATCTTG

Table SII. siRNA sequences

Name	Direction	Sequence
siMIR181A2HG	Sense	GGCUGGAAGUCCAUUUCUTT
	Antisense	AGAAAUGGAACUCCAGCCTT
Si-NC	Sense	UUCUCCGAACGUGUCACGUTT
	Antisense	ACGUGACACGUUCGGAGAATT

si, small interfering RNA; NC, negative control.