

Figure S1. Reverse transcription-quantitative PCR assay was performed to assess the effect of miR-218 on the expression of the indicated genes in U251 and SHG44 cells. Their expression was normalized to *18S* levels. The data were presented as the mean \pm SD. miR, microRNA; NC, negative control.

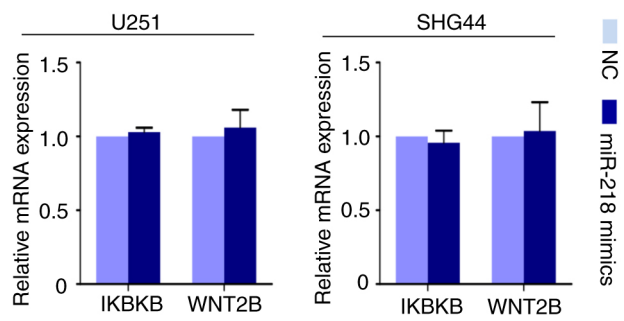


Table SI. Reverse transcription-quantitative PCR primer sequences used in the present study for the indicated genes.

Genes	Forward primer (5'→3')	Reverse primer (5'→3')
<i>TNC</i>	ACCTAGGTCTCTCGCCCATC	TTCAGCAGAATTGGGGATT
<i>IKBKB</i>	AAATGAAAGAGCGCCTTGG	CACTGCTTGATGGCAATCTG
<i>WNT2B</i>	GACGGCAGTACCTGGCATAAC	TGTCACAGATCACTCGTGCC
<i>18S</i>	CGCCGCTAGAGGTGAAATTC	CTTTCGCTCTGGTCCGTCTT

Table SII. miRNA gene-specific RT primer sequences.

Genes	RT primer (5'→3')
<i>miR-218</i> <i>U6</i>	GTCGTATCCAGTGC GTGTCGTGGAGTCGGCAATTGCACTGGATA CGACACATGGT CGCTTCACGAATTTGCGTGTCAT

miRNA/miR, microRNA; RT, reverse transcription.

Table SIII. Reverse transcription-quantitative PCR primer sequences used in the present study for miRNAs.

Genes	Forward primer (5'→3')	Reverse primer (5'→3')
miR-218	ATCCAGTGCGTGTCGTG	TGCTTTGTGCTTGATCTA
U6	GCTTCGGCAGCACATATACT AAAAT	CGCTTCACGAATTTGCGTGT CAT
miRNA/miR, microRNA.		

Table SIV. Antibodies used in this study.

Antibodies	Cat. no.	Supplier
anti-TNC	ab108930	Abcam
anti-phospho-Akt (Ser473)	BS4007	Bioworld Technology, Inc.
anti-phospho-Akt (Thr308)	BS4009	Bioworld Technology, Inc.
anti-total AKT	BS1810	Bioworld Technology, Inc.
anti-phospho-JNK	BS4322	Bioworld Technology, Inc.
anti-JUN	ab119944	Abcam
anti-TGF β 1	ab215715	Abcam
anti- β -actin	sc-47778	Santa Cruz Biotechnology, Inc.
anti-Ki67	550609	BD Pharmingen; BD Biosciences
anti-FOS	sc-271243	Santa Cruz Biotechnology, Inc.

Table SV. Primer sequences for constructing dual-luciferase reporter Plasmids.

Plasmids	Forward primer (5'→3')	Reverse primer (5'→3')
pmirGLO-TNC	AACGAGCTCGCTAGCTACAACA	CAGGTCGACTCTAGATATC
3'-untranslated region	GAAACCAGAAAAGCAA	CCAACATTCCCCGCTT