

Legends as for Supplementary Figure 1:

(A) Interference efficiency of the three sh-MTFR1 lentivirus in A549 and H1299 cells. (B-D) MTFR1 expression was measured by real-time quantitative polymerase chain reaction (RT-qPCR) and western blotting (WB) after transfecting the inhibitors and mimics of the three miRNAs into the corresponding cells. Data were articulated as the mean $\pm$ standard deviation (SD; *P <0.05, ** P <0.01, *** P <0.001, **** P <0.0001).

Supplementary Table 1. The sequences of sh-NC and three sh-RNAs of MTFR1

Name	Sequence (5'-3')
sh-MTFR1-NC	5'-TTCTCCGAACGTGTCACGT-3'
sh-MTFR1-1	5'-GCTGGATTAAGCGCCTAAT-3'
sh-MTFR1-2	5'-GCAGGTGACTTAGATTCTA-3'
sh-MTFR1-3	5'-GCTGGAAAGACTTTGGTTA-3'

Supplementary Table 2. The primer sequences of miR-29c-3p, 133a-3p and miR-150-5p

Name	Sequence (5'-3')
miR-29c-3p	Forward 5'-CTCCTCCTTTTAGCACCATTG-3'
	Reverse 5'-TATGCTTGTCTCGTCTCTGTGTC-3'
miR-133a-3p	Forward 5'-GCCTTTGGTCCCCTTCAAC-3'
	Reverse 5'-TATGCTTGTCTCGTCTCTGTGTC-3'
miR-150-5p	Forward 5'-CAGTATTCTCTCCCAACCTTGTA-3'
	Reverse 5'-TATGGTTTTGACGACTGTGTGAT-3'

Supplementary Table 3. The sequences of the inhibitors and mimics of miR-29c-3p, 133a-3p and miR-150-5p

Name	Sequence (5'-3')
Inhibitor-NC	5'-CAGUACUUUUGUGUAGUACAA-3'
Inhibitor-miR-29c-3p	5'-UAACCGAUUUCAAAUGGUGCUA-3'
Inhibitor-miR-133a-3p	5'-CAGCUGGUUGAAGGGGACCAAA-3'
Inhibitor-miR-150-5p	5'-CACUGGUACAAGGGUUGGGAGA-3'

Mimics-NC	5'-UUCUCCGAACGUGUCACGUTT-3'
Mimics-miR-29c-3p	5'-UAGCACCAUUUGAAAUCGGUUA-3'
Mimics-miR-133a-3p	5'-UUUGGUCCCCUUAACCAGCUG-3'
Mimics-miR-150-5p	5'-UCUCCCAACCCUUGUACCAGUG-3'
