

Table SI. Sequences of the NC and pyrroline-5-carboxylate reductase 1 siRNAs.

Name	Sequence, 5'→3'
NC	Forward: UUCUCCGAACGUGUCACGUTT Reverse: ACGUGACACGUUCGGAGAATT
siRNA1	Forward: CAGUUUCUGCUCUCAGGAATT Reverse: UUCCUGAGAGCA GAAACUGUG
siRNA2	Forward: CUUCAUCCUGGAUGAAAUATT Reverse: UAUUUCAUCCAGGAUGAAGGG

NC, negative control; siRNA, small interfering RNA.

Table SII. Sequences of the primers used in reverse transcription-quantitative PCR.

Gene name	Sequence, 5'→3'
<i>PYCR1</i>	Forward: GGAAGAGGACCTGATTGATGC Reverse: TGGGTGCTGTTCTGAGTGC
<i>DR4</i>	Forward: AGAGAGAAGTCCCTGCACCA Reverse: GTCACTCCAGGGCGTACAAT
<i>DR5</i>	Forward: CACCAGGTGTGATTCAGGTG Reverse: CCCCACTGTGCTTTGTACC
<i>β-actin</i>	Forward: TGGCACCCAGCACAATGAA Reverse: CTAAGTCATAGTCCGCCTAGAAGCA

DR, death receptor; PYCR1, pyrroline-5-carboxylate reductase 1.

Table SIII. Primary antibodies used in the present study.

Human antigen	Antibody type	Dilution	Supplier	Cat. no.
PYCR1	Rabbit, polyclonal	1:1,000	Proteintech Group, Inc.	13108-1-AP
β -actin	Rabbit, polyclonal	1:5,000	Proteintech Group, Inc.	81115-1-RR
Bcl-2	Rabbit, monoclonal	1:2,000	Abcam	34124
Bax	Rabbit, monoclonal	1:1,000	Proteintech Group, Inc.	50599-2-Ig
Caspase-3	Rabbit, polyclonal	1:1,500	CST Biological Reagents Co. Ltd.	9665
Caspase-8	Rabbit, polyclonal	1:1,500	Proteintech Group, Inc.	13423-1-AP
DR4	Rabbit, polyclonal	1:1,000	Proteintech Group, Inc.	24063-1-AP
DR5	Rabbit, polyclonal	1:1,000	Proteintech Group, Inc.	15497-1-AP

DR, death receptor; PYCR1, pyrroline-5-carboxylate reductase 1.

Table SIV. Secondary antibodies used.

Name	Host	Method	Dilution	Supplier	Cat. no.
Anti-Mouse-IgG (H + L)-HRP	Goat	WB	1:10,000	Wuhan Servicebio Technology Co., Ltd.	GB23301
Anti-Rabbit-IgG (H + L)-HRP	Goat	WB	1:10,000	Wuhan Servicebio Technology Co., Ltd.	GB23303
Anti-Rabbit-IgG (H+L)-Cy3	Goat	FC	1:100	Wuhan Servicebio Technology Co., Ltd.	GB21301

FC, flow cytometry; WB, western blotting.