

Table SI. The antibodies used in the present study.

Target protein	Host species	Supplier	Dilution	Cat. no.
Melan-A	Rabbit	CST	1:1000	64718
GFP	Rabbit	Abcam	1:3000	ab290
Numb	Rabbit	Abcam	1:1500	2956
Alexa Fluor [®] 568	Goat	Invitrogen; Thermo Fisher Scientific, Inc.	1:1000	A-21069

Table SII. Detailed information of the siRNAs used in the present study.

Name	Product no.	Sequence
G6PD	siG121010135947-1-5	GCCTTCCATCAGTCGGATA
G6PD	siG121010140001-1-5	CCTCATGGTGCTGAGATTT
PGD	siB140724142824-1-5	GGAACAAAGAAGCGTGGCC
PGD	siB140724142847-1-5	TGATGAAAGACGTGCTGGG
ME1	siB1031685342-1-5	ATAACCAAGGGACGTGCAA
ME1	siB1031685401-1-5	GAGAGACAGCAATTGAACA
ME2	siG000004200A-1-5	GTCGACATTTGCACATAAA
ME2	siG000004200B-1-5	GCAGGAATACGGCCTGATA
ME3	siG000010873A-1-5	CTCCGAATCATGAGATATT
ME3	siG000010873B-1-5	CTCTGCGAATCACCAAGAA
MTHFD2	siG14327104544-1-5	GCGAGAATCCTGCAAGTCA
MTHFD2	siG14327104553-1-5	GCCTCTTCCAGAGCATATT
NC	siN0000001-1-10	siR NC #1, 10 nmol

All siRNAs were obtained from Guangzhou RiboBio Co., Ltd. G6PD, glucose-6-phosphate dehydrogenase; PGD, 6-phosphogluconate dehydrogenase; MTHFD2, methylenetetrahydrofolate dehydrogenase 2; NC, negative control.

Table SIII. Primer sequences for RT-qPCR.

Name	Sequence (5'-3')
MCT1-F	AGTAGTTATGGGAAGAGTCAGCA
MCT1-R	GTCGGGCTACCATGTCAACA
MCT4-F	CTTTAGCCACCACATTTCCACT
MCT4-R	AGGCAGTATCAATGCCAGGTAA
LDHB-F	CCTCAGATCGTCAAGTACAGTCC
LDHB-R	ATCACGCGGTGTTTGGGTAAT
G6PD-F	CGAGGCCGTCACCAAGAA
G6PD-R	GTAGTGGTCGATGCGGTAGAT
PGD-F	GACATCATCATTGACGGAGGAAATT
PGD-R	GGGCCACGCTTCTTTGTTC
ME1-F	GGGAGACCTTGGCTGTAATGG
ME1-R	TCGGTTCCCACATCCAGAATG
ME2-F	TATACACCGACGGTTGGTCTTG
ME2-R	CATCAGTCACTACAACAGCCTTAAC

ME3-F	TGAAGAAGCGCGGATACGATG
ME3-R	GAAAGCAGGGCGGGATTAGG
MTHFD2-F	ATCCTGGTTGGCGAGAATCC
MTHFD2-R	TCTGGAAGAGGCAACTGAACAA
GPX4-F	GAGGCAAGACCGAAGTAACTAC
GPX4-R	CCGAACTGGTTACACGGGAA
FSP1-F	AGTAGTGGGGATAGACCTGAAGA
FSP1-R	CCACCACGATGAACCGTGA
GSR-F	CACGAGTGATCCCAAGCCC
GSR-R	CAATGTAACCTGCACCAACAATGA
IRS1-F	ACAAACGCTTCTTCGTACTGC
IRS1-R	AGTCAGCCCGCTTGTTGAT
RPLP0-F	AGCCCAGAACACTGGTCTC
RPLP0-F	ACTCAGGATTTCAATGGTGCC

F, forward; R, reverse; MCT, monocarboxylate transporter; LDHB, lactate dehydrogenase B; G6PD, glucose-6-phosphate dehydrogenase; PGD, 6-phosphogluconate dehydrogenase; MTHFD2, methylenetetrahydrofolate dehydrogenase 2; GPX4, glutathione

peroxidase 4; FSP1, ferroptosis suppressor protein 1; IRS1, insulin receptor substrate 1; RPLP0, ribosomal protein lateral stalk subunit P0.

Table SIV. STR profiles of COMM-1/COMM-2 tissue and cell pellets.

COMM-1			COMM-2		
	Cell	Tissue		Cell	Tissue
D19S433	13,14.2	13,14.2	Amelogenin	X,Y	X,Y
D5S818	11,12	11,12	D3S1358	16,16	16,16
D21S11	29,32.2	29,32.2	vWA	16,17	16,17
D18S51	13	13	D7S820	11,11	11,11
D6S1043	13	13	CSF1PO	11,12	11,12
D3S1358	17	17	PentaE	11,17	11,17
D13S317	8,11	8,11	D8S1179	11,13	11,13
D7S820	8,11	8,11	D21S11	29,33.2	29,33.2
D16S539	9	9	D16S539	9,12	9,12
CSF1P0	10,11	10,11	D2S1338	20,23	20,23
Penta D	9	9	Penta D	9,13	9,13
Amel	X	X	D19S433	14.2,15	14.2,15
Vwa	16	16	TH01	7,9	7,9

D8S1179	10,15	10,15	D13S317	9,9	9,9
TPOX	8,11	8,11	TPOX	8,8	8,8
Penta E	12,21	12,21	D18S51	13,16	13,16
TH01	7,10	7,10	D6S1043	11,13	11,13
D12S391	21	21	D1S1656	15,17.3	15,17.3
D2S1338	19,24	19,24	D5S818	9,12	9,12
FGA	18,21	18,21	D12S391	19,21	19,21

COMM, Chinese oral mucosal melanoma.