

Table SI. Sequences of siRNAs and shRNAs.

siRNA or shRNA		Sequences
si-PTBP1	Sense	5'-GCACAGUGUUGAAGAUCAUTT-3'
	Antisense	5'-AUGAUCUUCAACACUGUGCTT-3'
si-NC	Sense	5'-UUCUCCGAACGUGUCACGUTT-3'
	Antisense	5'-ACGUGACACGUUCGGAGAATT-3'
sh-PTBP1	Sense	5'-GCACAGUGUUGAAGAUCAUTT-3'
	Antisense	5'-AUGAUCUUCAACACUGUGCTT-3'
sh-NC	Sense	5'-UUCUCCGAACGUGUCACGUTT-3'
	Antisense	5'-ACGUGACACGUUCGGAGAATT-3'

siRNA or si-, small interfering RNA; shRNA or sh-, short hairpin RNA; PTBP1, polypyrimidine tract-binding protein 1.

Table SII. Primer sequences of reverse transcription-quantitative PCR.

Target gene	Primer (5'→3')	
ATG7	F: ACGGTGTGCAGAGTCCACAA	R: ACCAGAGGCTCACGACGATG
NCOA4	F: GCCGTCACCTGGAATGTCTTAGAAG	R: GCCTGCTGTTGAAGTGTCTCCTC
GAPDH	F: CAGAACATCATCCCTGCCTCTAC	R: ATGAAGTCAGAGGAGACCACCTG
PTBP1	F: TCTACTTGTGTCTACTAACGGAC	R: TGAACCTTGTCTGTCATTTCC
STEAP3	F: AGGTCACTTTTGTGGCTGTGTTCC	R: GCTGAAGGTGCTCTTGCTCTGTAG
GPX4	F: CCGCTGTGGAAGTGGATGAAGATC	R: CTTGTTCGATGAGGAACTGTGGAGAG
FTH1	F: CCATCAACCGCCAGATCAACCTG	R: GTTTCTCAGCATGTTCCCTCTCCTC
SLC3A2	F: GCTGGAACGCCTGAAACTGGAG	R: TGGGAAGGAAAGGAGAAGGGTAGTG
SAT1	F: CTCCGGAAGGACACAGCATT	R: AACATGCAACAACGCCACTG
PCBP2	F: GATCTGCGTGGTCATGTTGGAGTC	R: AATCTGGCTGTGGAATGGCATACTG
LPCAT3	F: AAAGGGCAAGGCAAAGTGGGATG	R: GCGTGGTGTGTTGATGTTGAATGAG
ATG5	F: TCATCCCACAGCCAACAGATTGAAG	R: TGCCTCCACCAAACCTGATTGAAG
SLC7A11	F: ACGGTGGTGTGTTTGTCTGTCTC	R: GCTGGTAGAGGAGTGTGCTTGC
TFRC	F: GCTGGAGACTTTGGATCGGTTGG	R: TATAACAACAGTGGGCTGGCAGAAAC
ACSL4	F: CCAAGTAGACCAACGCCTTCAGAC	R: TCGGTCCCAGTCCAGGTATTCTTTC
SLC39A8	F: ATTGCCTGGATGATAACGCTCTGC	R: ACTGAGTCCCTGAAGGAGAGACAAG
SLC39A14	F: AGGAGAATGAGCAGACGGAGGAG	R: GGAGGGAGCAGAGGGAGATGAC
SLC11A2	F: AGTGGCTGGATTTAAGTTGCTCTGG	R: TGACTCGTGGGACCTTGGGATAC
GCLC	F: GCTGGGAGGAAACCAAGCG	R: GCGTGGTAGATGTGCAGGAAC

F, forward; R, reverse.

Table SIII. Candidate molecules in the ferroptosis pathway.

SLC3A2	SLC7A11	GCLC	GCLM	GSS
GPX4	ALOX15	LPCAT3	ACSL4	TP53
SAT1	TF	TFRC	STEAP3	SLC11A2
SLC39A8	SLC39A14	PCBP2	SLC40A1	CP
PCBP1	FTH1	FTL	MAP1LC	ATG5
ATG7	NCOA4	PRNP	HMOX1	VDAC2
VDAC3	NOX2	FTMT		