

Table S1. siRNA sequences used in this study.

si-TERC-1	5'-GCCGCCUCCACCGUUCAUTT-3'
si-TERC-2	5'-CCGCGAAGAGUUGGGCUCUTT-3'
si-AMPK-1	5'-CCAUGAAGAGGGCCACAAUTT-3'
si-AMPK-2	5'-GCUUGAUGCACACAUGAAUTT-3'

Table S2. PCP primers used in this study.

TERC-F	5'-AACTGAGAAGGGCGTAGGCG-3'
TERC-R	5'-CTAGAATGAACGGTGGAAAGGCG-3'
AMPK-F	5'-CCTCAAGCTTTTCAGGCATC-3'
AMPK-R	5'-TTTCATCCAGCCTTCCATTC-3'
GAPDH-F	5'-GGGTGTGAACCATGAGAAGT-3'
GAPDH-R	5'-CAGTGATGGCATGGACTGTG-3'

Table S3. Antibodies used in this study.

Antibodies	Providers	Cat#
FTH	Cell Signaling Techonology	3998S
GPX4	Cell Signaling Techonology	52455S
CD71	Cell Signaling Techonology	13113S
NCOA4	Cell Signaling Techonology	66849S
SLC7A11	abcam	AB175186
p70	Cell Signaling Techonology	2708
AMPK	Cell Signaling Techonology	5832
p62	Cell Signaling echonology	5114
Beclin1	Cell Signaling echonology	3495
LC3B	Cell Signaling echonology	192890
AMPK	Cell Signaling echonology	5832