

Table SI. RT-qPCR primer sequences, and siRNA and shRNA sequences.

Name	Sequence(5'-3')
RT-qPCR primers	
FBXO30	F: TGGCCCGAAATAAAGTTGCTG R: CCGGTCTGCATAACTAACTGG
HIF-1 α	F: ATCCATGTGACCATGAGGAAATG R: TCGGCTAGTTAGGGTACACTTC
ACTB	F: CATGTACGTTGCTATCCAGGC R: CTCCTTAATGTCACGCACGAT
siRNA	
Negative control	F: UUCUCCGAACGUGUCACGUTT R: ACGUGACACGUUCGGAGAATT
FBXO30#1	F: TTGTGTCAGTAGACGGTGCAT R: GGCACTCGTTCAAATGGACATAA
FBXO30#2	F: TGGCCCGAAATAAAGTTGCTG R: CCGGTCTGCATAACTAACTGG
hZIP1	F: GCAUGACACCUCUAGGCAUTT R: AUGCCUAGAGGUGUCAUGCTT
shRNA	
Negative control	cgTTCTCCGAACGTGTCACGT
FBXO30	cgGGATATGGCCTTGGCTCTTCA

FBXO30, F-box protein 30; HIF-1 α , hypoxia-inducible factor-1 α ; hZIP1, human ZRT, IRT-like protein 1; RT-qPCR, reverse transcription-quantitative PCR; shRNA, short hairpin RNA; siRNA, small interfering RNA.

Table SII. Vectors used in the present study.

Vector name	Transcript no.
FBXO30	NM_001348092
hZIP1	NM_014437

FBXO30, F-box protein 30; hZIP1, human ZRT, IRT-like protein 1.

Table SIII. Antibodies used in the present study.

Antibody name	Cat. no.	Source
FBXO30	sc-293423	Santa Cruz Biotechnology, Inc.
HIF-1 α	sc-71247	Santa Cruz Biotechnology, Inc.
hZIP1	sc-393345	Santa Cruz Biotechnology, Inc.
Ubiquitin	sc-8017	Santa Cruz Biotechnology, Inc.
PDK1	sc-515944	Santa Cruz Biotechnology, Inc.
GLUT1	sc-377228	Santa Cruz Biotechnology, Inc.
LDHA	sc-137243	Santa Cruz Biotechnology, Inc.
β -actin	4970	Cell Signaling Technologies, Inc.
N-cadherin	13116	Cell Signaling Technologies, Inc.
E-cadherin	3195	Cell Signaling Technologies, Inc.
Vimentin	5741	Cell Signaling Technologies, Inc.
IgG	2729	Cell Signaling Technologies, Inc.
PCNA	2586	Cell Signaling Technologies, Inc.
Anti-mouse IgG, HRP-linked antibody	7076	Cell Signaling Technologies, Inc.
Anti-rabbit IgG, HRP-linked antibody	7074	Cell Signaling Technologies, Inc.

FBXO30, F-box protein 30; GLUT1, glucose transporter 1; HIF-1 α , hypoxia-inducible factor-1 α ; hZIP1, human ZRT, IRT-like protein 1; LDHA, lactate dehydrogenase A; PCNA, proliferating cell nuclear antigen; PDK1, pyruvate dehydrogenase kinase 1.