

Supplementary Table S1. Oligonucleotides used in this study

Primers used for RT-PCR analysis

Gene name	Primer sequence
GAPDH	5'-ACCTGACCTGCCGTCTAGAA-3' 5'-TCCACCACCCTGTTGCTGTA-3'
PRR11	5'-GACTCCAAAGCTGTGCTTCC-3' 5'-CTGCATGGGTCCATCTTTT-3'
SKA2	5'-ATCCAGTCATTGAAGCCAAACCCCT-3' 5'-CCCGCCTTGATCGCCGTAATGGGTGG-3'
NF-YB	5'-AGGTGCCATCAAGAGAAACG-3' 5'-TGTTGTTGACCGTCTGTGGT-3'
p53	5'-GTTCCGAGAGCTGAATGAGG-3' 5'-TCTGAGTCAGGCCCTTCTGT-3'

siRNAs used for gene silencing

Name	Sequence
Negative control-siRNA	Sense: 5'-UUCUCCGAACGUGUCACGUTT-3' Antisense: 5'-ACGUGACACGUUCGGAGAATT-3'
P53-siRNA	Sense: 5'-GACUCCAGUGGUAUUCUACTT-3' Antisense: 5'-GUAGAUUACCACUGGAGUUCTT-3'
NF-YB-siRNA309	Sense: 5'-GGACAGCAUGAAUGAUCAUUTT-3' Antisense: 5'-AUGAUCAUUCAUGCUGUCCTT-3'

Primers used for ChIP analysis

Primer name	Primer sequence
PRR11-ChIP-F1512	5'-GCTGTCACTCAACATCTCGC-3'
PRR11-ChIP-R1631	5'-CGTTTTGTGCCTTTGCCCAA-3'

Supplementary Table S2. Antibodies used in the present study

Protein name	Maneufacture (cat. number)	Applications (working dilution)	Website Link
GAPDH	Xianzhi Bio(AB-P-R 001)	IB(1:5000)	http://www.goodhere.com/showproduct.asp?id=320&classid=34&nid=2
NFYB	Santa Cruz (SC-13045X)	ChIP(1:500) IB(1:2000)	https://www.scbt.com/scbt/product/nf-yb-antibody-fl-207?requestFrom=search
p53	Santa Cruz (SC-126X)	ChIP(1:500) IB(1:2000)	http://www.scbt.com/datasheet-126-p53-do-1-antibody.html
Normal mouse IgG	Milpore (12-371)	ChIP(1:500)	http://www.merckmillipore.com/CN/zh/product/Normal-Mouse-IgG,MM_NF-12-371
Normal rabbit IgG	Milpore (12-370)	ChIP(1:500)	http://www.merckmillipore.com/CN/zh/product/Normal-Rabbit-IgG,MM_NF-12-370