

Supplementary Table S1

siRNA and oligonucleotides.

The siRNAs (except for that for Smad4) and control siRNA were obtained from Qiagen. siRNA for Smad4 and control siRNA (ON-TARGET plus non-targeting pool) were purchased from Dharmacon (SMARTpool). The target sequences for siRNA are as follows. The RNAi sequences were previously designed in the following additional references.

Target	RNAi sequence	Reference
human BECLIN1	5'-AACAGTTTGGCACAATCAATA-3'	1
human ATG5	5'-AAGCAACTCTGGATGGGATTG-3'	2
human ATG7	5'-GGAGTCACAGCTCTTCCTT-3'	3
human DAPK	5'-AAGGTCAAGGATCCAAAGAAG-3'	4
human JNK1/2	5'-AAAAAGAATGTCCTACCTTCT-3'	5

<Additional Reference for RNAi sequences>

1. Hoyer-Hansen M, Bastholm L, Szyniarowski P, et al. Control of macroautophagy by calcium, calmodulin-dependent kinase kinase-beta, and Bcl-2. *Mol Cell* 2007;25:193-205.
2. Boya P, Gonzalez-Polo RA, Casares N, et al. Inhibition of macroautophagy triggers apoptosis. *Mol Cell Biol* 2005;25:1025-40.
3. Yu L, Alva A, Su H, et al. Regulation of an ATG7-beclin 1 program of autophagic cell death by caspase-8. *Science* 2004;304:1500-2.
4. Chen CH, Wang WJ, Kuo JC, et al. Bidirectional signals transduced by DAPK-ERK interaction promote the apoptotic effect of DAPK. *Embo J* 2005;24:294-304.
5. Li G, Xiang Y, Sabapathy K, Silverman RH. An apoptotic signaling pathway in the interferon antiviral response mediated by RNase L and c-Jun NH2-terminal kinase. *J Biol Chem* 2004;279:1123-31.

Supplementary Table S2

RT-PCR primers.

The primer sequences used are as follows.

Transcript	Primer sequence
human HPRT1	forward 5'-ttgctttccttggtcaggc-3' reverse 5'-gcttgcgaccttgaccatct-3'
human BECLIN1	forward 5'-acagtggacagttggcaca-3' reverse 5'-cggcagctccttagattgt-3'
human ATG5	forward 5'-ggccatcaatcggaactcat-3' reverse 5'-agccacaggacgaaacagctt-3'
human ATG7	forward 5'-tcgaaagccatgatgctgtctt-3' reverse 5'-ccaaagcagcattgatgacca-3'
human DAPK	forward 5'-atgatcccacgtcaatccat-3' reverse 5'-accgaaggctatgggttctt-3'
human Smad4	forward 5'-gatacgtggacccttctgga-3' reverse 5'-accttgcctatgtgcaacc-3'
human JNK1	forward 5'-cagtcaggcaaggattgt-3' reverse 5'-atgtacgggtgttgagagc-3'
human JNK2	forward 5'-gtcatcctgggtatgggcta-3' reverse 5'-cgggaacaggactttatgga-3'
human Bim	forward 5'-cacaaaacccaagtcctcctt-3' reverse 5'-ttcagcctgcctcatggaa-3'
human Bmf	forward 5'-atggagccatctcagtgtgtg-3' reverse 5'-ccccgttctgttcttctt-3'.