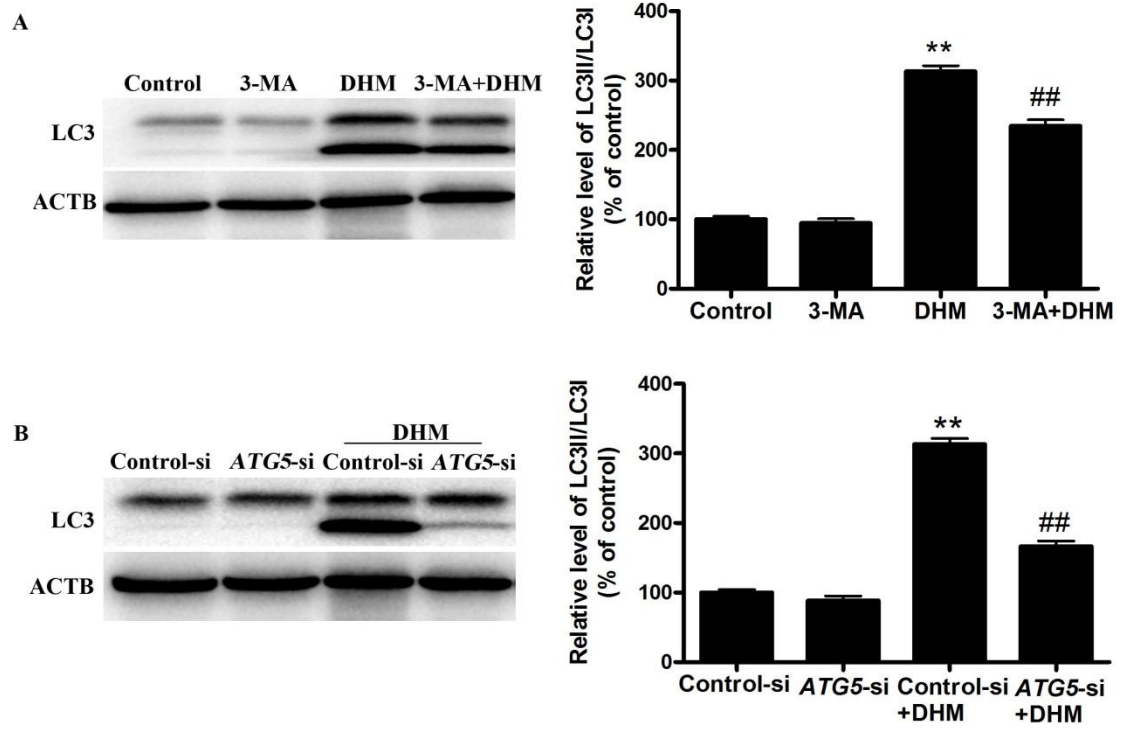
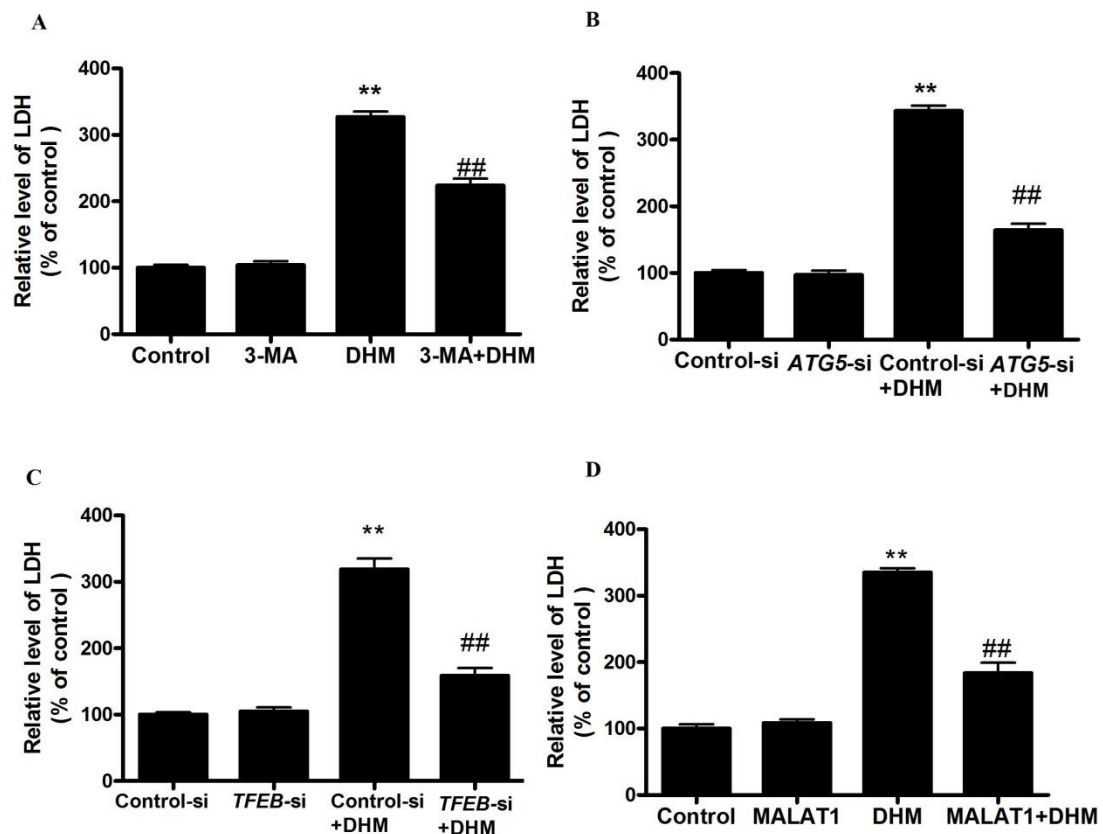


**Figure S1**



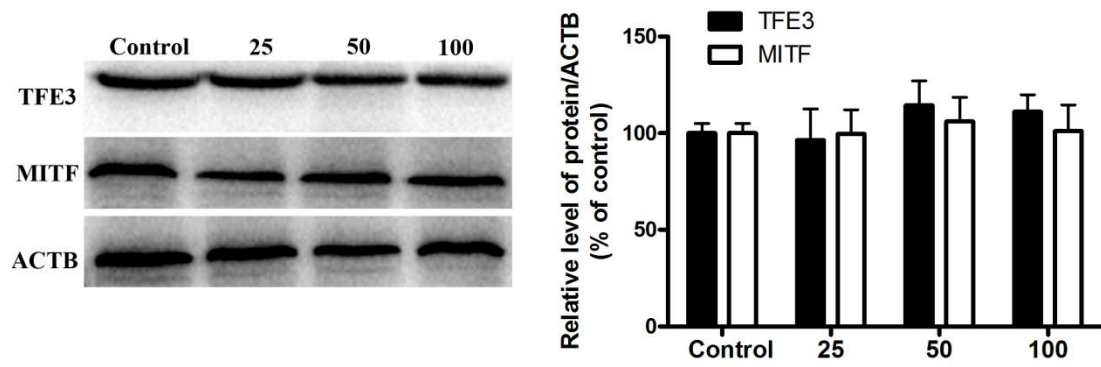
**Figure S1. 3-MA or si-ATG5 could efficiently inhibit autophagy.** A431 cells were preincubated with (A-B) 3-MA (2 mM) for 2 h or *ATG5*-si for 24 h and then treated with 100  $\mu$ M DHM for another 24 h, then the LC3II levels were then assessed by western blotting.

**Figure S2**



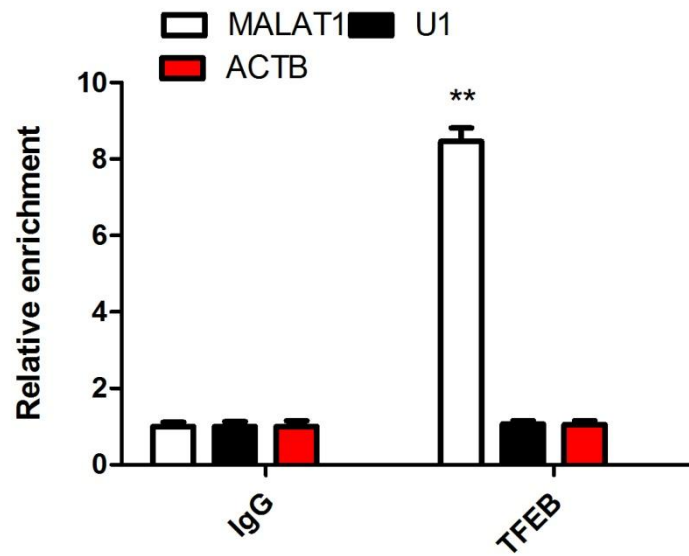
**Figure S2.** An LDH assay was used to assess cell death. A431 cells were preincubated with (A) 3-MA (2 mM) for 2 h, or (B) *ATG5*-si, or (C) *TFEB*-si, or (D) MALAT1 overexpression for 24 h and then treated with 100  $\mu$ M DHM for another 24 h, then an LDH assay was used to assess cell death.

**Figure S3**



**Figure S3. DHM treatment did not change the TFE3 or MITF expressions.** A431 cells were treated with different concentrations of DHM for 24 h, and the expression levels of the TFE3 and MITF were then assessed by western blotting.

**Figure S4**



**Figure S4. MALAT1 interacted with TFEB in A431 cells.** RIP assay showed that MALAT1 was preferably enriched with TFEB antibody compared to that in IgG group in A431 cells. \*\*P <0.01 versus the control group (n=6).

**Table S1: Antibodies used for the western blot**

<b>Antigen</b>	<b>Dilution</b>	<b>Catalogue number</b>	<b>Supplier</b>
LC3	1:1000	L7543	Sigma
P62/SQSTM1	1:1000	ab91526	Abcam
TFEB	1:1000	PA1-31552	Thermo fisher
MITF	1:1000	ab20663	Abcam
TFE3	1:1000	ab173928	Abcam
p-TFEB <sup>(Ser142)</sup>	1:500	ABE1971	Merck
ACTB	1:5000	A1978	Sigma
H3	1:1000	SAB4500352	Sigma
anti-mouse (secondary antibody)	1:1000	A0208	Beyotime Company
anti-rabbit (secondary antibody)	1:1000	A0216	Beyotime Company

**Table S2: Sequences of primers used in quantitative RT-PCR**

Target gene	Primer	Nucleotide sequence
<i>TFEB</i>	F	5'-ACCTGTCCGAGACCTATGGG-3'
	R	5'-CGTCCAGACGCATAATGTTGTC-3'
<i>MAP1LC3B</i>	F	5'-AGCAGCATCCAACCAAATC-3'
	R	5'-CTGTGTCCGTTACCAACAG-3'
<i>ATP6V0D1</i>	F	5'-TTCCCGGAGCTTTACTTTAACG-3'
	R	5'-CAAGTCCTCTAGCGTCTCGC-3'
<i>UVRAG</i>	F	5'-GGCGTCTTCGACATCTTCGG-3'
	R	5'-GACGGTCTGGCATAATTCCAAA-3'
<i>CTSB</i>	F	5'-GAGCTGGTCAACTATGTCAACA-3'
	R	5'-GCTCATGTCCACGTTGTAGAAGT-3'
<i>LAMP-1</i>	F	5'-TCTCAGTGA ACTACGACACCA-3'
	R	5'-AGTGTATGTCCTCTTCCAAAAGC-3'
<i>ATG5</i>	F	5'-AAAGATGTGCTTCGAGATGTGT-3'
	R	5'-CACTTTGTCAGTTACCAACGTCA-3'
<i>ACTB</i>	F	5'-CATGTACGTTGCTATCCAGGC-3'
	R	5'-CTCCTTAATGTCACGCACGAT-3'