# Resource Summary Report

Generated by RRID on Aug 28, 2026

## Myc-Bnip3FL

RRID:Addgene_100796
Type: Plasmid

### Proper Citation

RRID:Addgene_100796

### Plasmid Information

**URL:** http://www.addgene.org/100796

**Proper Citation:** RRID:Addgene_100796

**Insert Name:** mus Bnip3

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:26505960

**Vector Backbone Description:** Backbone Size:5400; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** Myc-Bnip3FL

**Record Creation Time:** 20220422T221450+0000

**Record Last Update:** 20260815T080015+0000

### Ratings and Alerts

No rating or validation information has been found for Myc-Bnip3FL.

No alerts have been found for Myc-Bnip3FL.

### Data and Source Information

**Source:** Addgene

### Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID .

Filippi K, et al. (2026) Blockage of autophagy causes severe skeletal muscle disruption in a mouse model for myofibrillar myopathy 6. Nature communications, 17(1).

Wei L, et al. (2024) PPTC7 limits mitophagy through proximal and dynamic interactions with BNIP3 and NIX. bioRxiv : the preprint server for biology.

Huang B, et al. (2022) In vivo CRISPR screens reveal a HIF-1?-mTOR-network regulates T follicular helper versus Th1 cells. Nature communications, 13(1), 805.

Martens MD, et al. (2021) Misoprostol treatment prevents hypoxia-induced cardiac dysfunction through a 14-3-3 and PKA regulatory motif on Bnip3. Cell death & disease, 12(12), 1105.

Vara-Pérez M, et al. (2021) BNIP3 promotes HIF-1?-driven melanoma growth by curbing intracellular iron homeostasis. The EMBO journal, 40(10), e106214.

Thayyullathil F, et al. (2020) Par-4 regulates autophagic cell death in human cancer cells via upregulating p53 and BNIP3. Biochimica et biophysica acta. Molecular cell research, 1867(7), 118692.

Field JT, et al. (2018) Misoprostol regulates Bnip3 repression and alternative splicing to control cellular calcium homeostasis during hypoxic stress. Cell death discovery, 4, 37.