

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

GFP-Bcl2-Maob

RRID:Addgene_18001

Type: Plasmid

Proper Citation

RRID:Addgene_18001

Plasmid Information

URL: <http://www.addgene.org/18001>

Proper Citation: RRID:Addgene_18001

Insert Name: Mitochondria-targeted Bcl-2

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:11546793](#)

Vector Backbone Description: Vector Backbone:pEMD-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: GFP-Bcl2-Maob

Relevant Mutation: Bcl-2's C terminal replaced with mitochondria-targeted sequence (LLRLIGLTTIFSATALGFLAHKRGLLVRV)

Record Creation Time: 20220422T222033+0000

Record Last Update: 20260815T081125+0000

Ratings and Alerts

No rating or validation information has been found for GFP-Bcl2-Maob.

No alerts have been found for GFP-Bcl2-Maob.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Castro-Gonzalez S, et al. (2021) HIV-1 Nef counteracts autophagy restriction by enhancing the association between BECN1 and its inhibitor BCL2 in a PRKN-dependent manner. *Autophagy*, 17(2), 553.

Lalier L, et al. (2021) TOM20-mediated transfer of Bcl2 from ER to MAM and mitochondria upon induction of apoptosis. *Cell death & disease*, 12(2), 182.

Wu L, et al. (2017) Gene delivery ability of polyethylenimine and polyethylene glycol dual-functionalized nanographene oxide in 11 different cell lines. *Royal Society open science*, 4(10), 170822.

Su YC, et al. (2015) Threonine 56 phosphorylation of Bcl-2 is required for LRRK2 G2019S-induced mitochondrial depolarization and autophagy. *Biochimica et biophysica acta*, 1852(1), 12.