

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pBMN-YFP-Parkin

RRID:Addgene_59416

Type: Plasmid

Proper Citation

RRID:Addgene_59416

Plasmid Information

URL: <http://www.addgene.org/59416>

Proper Citation: RRID:Addgene_59416

Insert Name: YFP-Parkin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24569479](#)

Vector Backbone Description: Backbone Size:4938; Vector Backbone:pBMN-Z-LacZ;
Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pBMN-YFP-Parkin

Record Creation Time: 20220422T222342+0000

Record Last Update: 20260815T081723+0000

Ratings and Alerts

No rating or validation information has been found for pBMN-YFP-Parkin.

No alerts have been found for pBMN-YFP-Parkin.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Choudhury D, et al. (2024) Proline restores mitochondrial function and reverses aging hallmarks in senescent cells. *Cell reports*, 43(2), 113738.

Gan ZY, et al. (2024) Interaction of PINK1 with nucleotides and kinetin. *Science advances*, 10(3), eadj7408.

Uoselis L, et al. (2023) Temporal landscape of mitochondrial proteostasis governed by the UPRmt. *Science advances*, 9(38), eadh8228.

Rai P, et al. (2021) IRGM1 links mitochondrial quality control to autoimmunity. *Nature immunology*, 22(3), 312.

Calvelli H, et al. (2020) Detection of mitophagy in mammalian cells, mice, and yeast. *Methods in cell biology*, 155, 557.

Wang C, et al. (2020) A Sensitive and Quantitative mKeima Assay for Mitophagy via FACS. *Current protocols in cell biology*, 86(1), e99.

Liang JR, et al. (2020) A Genome-wide ER-phagy Screen Highlights Key Roles of Mitochondrial Metabolism and ER-Resident UFMylation. *Cell*, 180(6), 1160.

Sarraf SA, et al. (2019) PINK1/Parkin Influences Cell Cycle by Sequestering TBK1 at Damaged Mitochondria, Inhibiting Mitosis. *Cell reports*, 29(1), 225.

Lindqvist LM, et al. (2018) Autophagy induced during apoptosis degrades mitochondria and inhibits type I interferon secretion. *Cell death and differentiation*, 25(4), 784.

Fogel AI, et al. (2016) Application of Imaging-Based Assays in Microplate Formats for High-Content Screening. *Methods in molecular biology* (Clifton, N.J.), 1439, 273.