Resource Summary Report

Generated by dkNET on Aug 21, 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 dkNET .

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.