

# Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

## YFP-Parkin C431N

RRID:Addgene\_46924

Type: Plasmid

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### Proper Citation

RRID:Addgene\_46924

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### Plasmid Information

**URL:** <http://www.addgene.org/46924>

**Proper Citation:** RRID:Addgene\_46924

**Insert Name:** Park2

**Organism:** Homo sapiens

**Bacterial Resistance:** Kanamycin

**Defining Citation:** [PMID:23319602](#)

**Vector Backbone Description:** Backbone Marker:Clontech; Backbone Size:4698; Vector Backbone:pEYFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

**Plasmid Name:** YFP-Parkin C431N

**Relevant Mutation:** changed cysteine 431 to asparagine

**Record Creation Time:** 20220422T222242+0000

**Record Last Update:** 20260815T081536+0000

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### Ratings and Alerts

No rating or validation information has been found for YFP-Parkin C431N.

No alerts have been found for YFP-Parkin C431N.

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### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Ansari MY, et al. (2018) Parkin clearance of dysfunctional mitochondria regulates ROS levels and increases survival of human chondrocytes. Osteoarthritis and cartilage, 26(8), 1087.

Brennan L, et al. (2017) Parkin elimination of mitochondria is important for maintenance of lens epithelial cell ROS levels and survival upon oxidative stress exposure. Biochimica et biophysica acta. Molecular basis of disease, 1863(1), 21.