

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pEGFP-parkin W403A

RRID:Addgene_45876

Type: Plasmid

Proper Citation

RRID:Addgene_45876

Plasmid Information

URL: <http://www.addgene.org/45876>

Proper Citation: RRID:Addgene_45876

Insert Name: Parkin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:23661642](#)

Vector Backbone Description: Backbone Size:4731; Vector Backbone:pEGFP-C2; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP-parkin W403A

Relevant Mutation: W403A mutation

Record Creation Time: 20220422T222236+0000

Record Last Update: 20260815T081527+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-parkin W403A.

No alerts have been found for pEGFP-parkin W403A.

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 [RRID](#) .

Zhu M, et al. (2018) Parkinson's disease-linked Parkin mutations impair glutamatergic signaling in hippocampal neurons. BMC biology, 16(1), 100.

Cortese GP, et al. (2016) Parkin Deficiency Reduces Hippocampal Glutamatergic Neurotransmission by Impairing AMPA Receptor Endocytosis. The Journal of neuroscience : the official journal of the Society for Neuroscience, 36(48), 12243.