

# Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

## pMXs-IP-EGFP-ULK1(K46N)

RRID:Addgene\_38197

Type: Plasmid

### Proper Citation

RRID:Addgene\_38197

### Plasmid Information

**URL:** <http://www.addgene.org/38197>

**Proper Citation:** RRID:Addgene\_38197

**Insert Name:** a novel protein kinase structurally related to C. elegans UNC-51

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:18443221](#)

**Vector Backbone Description:** Backbone Marker:Dr. Toshio Kitamura of the University of Tokyo ; Backbone Size:5847; Vector Backbone:pMXs-IP; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

**Plasmid Name:** pMXs-IP-EGFP-ULK1(K46N)

**Relevant Mutation:** changed Lysine 46 to Asparagine

**Record Creation Time:** 20220422T222201+0000

**Record Last Update:** 20260815T081420+0000

### Ratings and Alerts

No rating or validation information has been found for pMXs-IP-EGFP-ULK1(K46N).

No alerts have been found for pMXs-IP-EGFP-ULK1(K46N).

### 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](#) .

Brooks CR, et al. (2015) KIM-1-/TIM-1-mediated phagocytosis links ATG5-/ULK1-dependent clearance of apoptotic cells to antigen presentation. The EMBO journal, 34(19), 2441.

Mesquita A, et al. (2015) Dissecting the function of Atg1 complex in Dictyostelium autophagy reveals a connection with the pentose phosphate pathway enzyme transketolase. Open biology, 5(8).