

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

## GFP-ATG8(416)/GFP-AUT7(416)

RRID:Addgene\_49425

Type: Plasmid

### Proper Citation

RRID:Addgene\_49425

### Plasmid Information

**URL:** <http://www.addgene.org/49425>

**Proper Citation:** RRID:Addgene\_49425

**Insert Name:** autophagy-related 8

**Organism:** Saccharomyces cerevisiae

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:11739783](#)

**Vector Backbone Description:** Backbone Size:4898; Vector Backbone:pRS416; Vector Types:Bacterial Expression, Yeast Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** GFP-ATG8(416)/GFP-AUT7(416)

**Record Creation Time:** 20220422T222254+0000

**Record Last Update:** 20260815T081600+0000

### Ratings and Alerts

No rating or validation information has been found for GFP-ATG8(416)/GFP-AUT7(416).

No alerts have been found for GFP-ATG8(416)/GFP-AUT7(416).

### Data and Source Information

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

### Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Brown JI, et al. (2023) Methylarginine efflux in nutrient-deprived yeast mitigates disruption of nitric oxide synthesis. *Amino acids*, 55(2), 215.

Vijayraghavan S, et al. (2023) A novel narnavirus is widespread in *Saccharomyces cerevisiae* and impacts multiple host phenotypes. *G3 (Bethesda, Md.)*, 13(2).

Backe SJ, et al. (2023) Activation of autophagy depends on Atg1/Ulk1-mediated phosphorylation and inhibition of the Hsp90 chaperone machinery. *Cell reports*, 42(7), 112807.

Sakamaki JI, et al. (2022) Ubiquitination of phosphatidylethanolamine in organellar membranes. *Molecular cell*, 82(19), 3677.

Kataura T, et al. (2022) Autophagy promotes cell survival by maintaining NAD levels. *Developmental cell*, 57(22), 2584.

Kainz K, et al. (2021) Assessing autophagic flux in yeast. *Methods in cell biology*, 164, 73.

Chen X, et al. (2021) UBB+1 reduces amyloid-?? cytotoxicity by activation of autophagy in yeast. *Aging*, 13(21), 23953.

Plummer JD, et al. (2019) Extension of Cellular Lifespan by Methionine Restriction Involves Alterations in Central Carbon Metabolism and Is Mitophagy-Dependent. *Frontiers in cell and developmental biology*, 7, 301.