

Resource Summary Report

Generated by [RRID](#) on Aug 21, 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 [RRID](#) .

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

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

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.