

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pYES2-Ub-M-GFP

RRID:Addgene_11952

Type: Plasmid

Proper Citation

RRID:Addgene_11952

Plasmid Information

URL: <http://www.addgene.org/11952>

Proper Citation: RRID:Addgene_11952

Insert Name: Ub-M-GFP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:14644450](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5830; Vector Backbone:pYES2; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: The ubiquitin open reading frame was amplified by PCR from the Ub-Pro-Gal plasmid with the sense primer 5'-GCG GAATTCACCATGCAGATCTTCGTGAAGACT-3' and the antisense primer 5'-GCG GGATCCTGTCGACCAAGCTTCCCXXX CCCACCTCTGAGACGGAGTAC-3' where the XXX leads to a Methionine at position 1 (see article 10802622, Figure 1). The PCR product was cloned into the EcoRI and BamHI sites of the EGFP-N1 vector from Clontech. The Ub-M-GFP insert was then excised with EcoRI and NotI and cloned into pYES2.

Plasmid Name: pYES2-Ub-M-GFP

Relevant Mutation: Ubiquitin fused to N-terminus of GFP. Methionine at position 1 between Ub and GFP (see article 10802622). Stable version.

Record Creation Time: 20220422T221625+0000

Record Last Update: 20260808T080554+0000

Ratings and Alerts

No rating or validation information has been found for pYES2-Ub-M-GFP.

No alerts have been found for pYES2-Ub-M-GFP.

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 [SPARC SAWG](#) .

Muromachi W, et al. (2025) Contribution of UbrA, a ubiquitin ligase essential for Arg/N-degron pathway, to peptidase gene expression in *Aspergillus oryzae*. *Applied and environmental microbiology*, 91(10), e0081325.

Aoyagi K, et al. (2016) VAMP7 Regulates Autophagy to Maintain Mitochondrial Homeostasis and to Control Insulin Secretion in Pancreatic β -Cells. *Diabetes*, 65(6), 1648.