

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

[pYX142-mtGFP](#)

RRID:Addgene_45050

Type: Plasmid

Proper Citation

RRID:Addgene_45050

Plasmid Information

URL: <http://www.addgene.org/45050>

Proper Citation: RRID:Addgene_45050

Insert Name: mtGFP

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11054823](#)

Vector Backbone Description: Vector Backbone:pYX142; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: additional information can be found at: <http://www.zellbiologie.uni-bayreuth.de/sequences.htm> The depositor mtGFP insert seq shows 5' HindIII and a 3' EcoRI, they are actually reversed in this construct, the cloning information displayed is correct.

Plasmid Name: pYX142-mtGFP

Record Creation Time: 20220422T222232+0000

Record Last Update: 20260815T081522+0000

Ratings and Alerts

No rating or validation information has been found for pYX142-mtGFP.

No alerts have been found for pYX142-mtGFP.

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](#) .

Fox J, et al. (2025) Deficits in mitochondrial dynamics and iron balance result in templated insertions. Nature communications, 16(1), 5454.

Yoshii SR, et al. (2024) Fission-independent compartmentalization of mitochondria during budding yeast cell division. The Journal of cell biology, 223(3).