

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

[pDS275](#)

RRID:Addgene_34972

Type: Plasmid

Proper Citation

RRID:Addgene_34972

Plasmid Information

URL: <http://www.addgene.org/34972>

Proper Citation: RRID:Addgene_34972

Insert Name: Mid2(SS/TM)-GFP-LOVpep

Organism: *Saccharomyces cerevisiae*

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22388287](#)

Vector Backbone Description: Backbone Size:4263; Vector Backbone:YIPlac128; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: The LOV2 domain is amino acids 404-540 and differs from the wild-type *A. sativa* LOV2 sequence by the point mutations G528A and N534E. See Strickland et al. for details.

Plasmid Name: pDS275

Relevant Mutation: T406A, T407A, I532A

Record Creation Time: 20220422T222149+0000

Record Last Update: 20260815T081403+0000

Ratings and Alerts

No rating or validation information has been found for pDS275.

No alerts have been found for pDS275.

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](#) .

Ritt M, et al. (2018) Engaging myosin VI tunes motility, morphology and identity in endocytosis. Traffic (Copenhagen, Denmark).

Liao Z, et al. (2017) Optogenetic interrogation of integrin $\alpha_5\beta_3$ function in endothelial cells. Journal of cell science, 130(20), 3532.