

# Resource Summary Report

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

## [pDS275](#)

RRID:Addgene\_34972

Type: Plasmid

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### Proper Citation

RRID:Addgene\_34972

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### 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

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### Ratings and Alerts

No rating or validation information has been found for pDS275.

No alerts have been found for pDS275.

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### Data and Source Information

Source: [Addgene](#)

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## 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.