

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

[pDS257](#)

RRID:Addgene_34971

Type: Plasmid

Proper Citation

RRID:Addgene_34971

Plasmid Information

URL: <http://www.addgene.org/34971>

Proper Citation: RRID:Addgene_34971

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: pDS257

Record Creation Time: 20220422T222149+0000

Record Last Update: 20260725T074605+0000

Ratings and Alerts

No rating or validation information has been found for pDS257.

No alerts have been found for pDS257.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Gehrig S, et al. (2017) An engineered photoswitchable mammalian pyruvate kinase. The FEBS journal, 284(18), 2955.