

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 19, 2026

pDESTpK7WG2-RPS5Ap-NLS-OleGFP

RRID:Addgene_193370

Type: Plasmid

Proper Citation

RRID:Addgene_193370

Plasmid Information

URL: <http://www.addgene.org/193370>

Proper Citation: RRID:Addgene_193370

Bacterial Resistance: Spectinomycin and Streptomycin

Defining Citation: [PMID:40083573](https://pubmed.ncbi.nlm.nih.gov/40083573/)

Vector Backbone Description: Vector Backbone:pK7WG2; Vector Types:Plant Expression; Bacterial Resistance:Spectinomycin and Streptomycin

Comments: Multisite Gateway destination vector to express ORFs from entry clones. RPS5A promoter and SV40 nuclear localization signal in front of attR1. HSP terminator at the downstream of attR5. Kanamycin-resistant gene and Ole1-GFP for screening of transformants. Please visit <https://doi.org/10.1101/2023.02.27.530312> for bioRxiv preprint.

Plasmid Name: pDESTpK7WG2-RPS5Ap-NLS-OleGFP

Record Creation Time: 20240211T080420+0000

Record Last Update: 20260919T093241+0000

Ratings and Alerts

No rating or validation information has been found for pDESTpK7WG2-RPS5Ap-NLS-OleGFP.

No alerts have been found for pDESTpK7WG2-RPS5Ap-NLS-OleGFP.

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](#) .

Wang Z, et al. (2026) Using ngTALEN to improve genome editing efficiency on targets containing 5-methylcytosines. The Plant journal : for cell and molecular biology, 126(1), e70826.

Zhou C, et al. (2026) TALENs and Related Technologies for Editing Nuclear and Organellar Genomes in a Model Plant, Arabidopsis thaliana. Bio-protocol, 16(9), e5668.