

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

mtSepCD_GSVG

RRID:Addgene_248059

Type: Plasmid

Proper Citation

RRID:Addgene_248059

Plasmid Information

URL: <http://www.addgene.org/248059>

Proper Citation: RRID:Addgene_248059

Insert Name: Arabidopsis thaliana RPS5A promoter

Organism: Arabidopsis thaliana

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:42290098](#)

Vector Backbone Description: Backbone Size:8151; Vector Backbone:pK7WG2; Vector Types:Plant Expression; Bacterial Resistance:Spectinomycin

Comments: Please visit <https://doi.org/10.1101/2025.11.01.685978> for bioRxiv preprint.

Plasmid Name: mtSepCD_GSVG

Relevant Mutation: 4 amino acid changes (S1326G, G1348S, A1398V, S1418G) in cytidine deaminase domain, lowers deaminase activity

Record Creation Time: 20260610T043248+0000

Record Last Update: 20260725T080637+0000

Ratings and Alerts

No rating or validation information has been found for mtSepCD_GSVG.

No alerts have been found for mtSepCD_GSVG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.