

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

[pGGZ003](#)

RRID:Addgene_48869

Type: Plasmid

Proper Citation

RRID:Addgene_48869

Plasmid Information

URL: <http://www.addgene.org/48869>

Proper Citation: RRID:Addgene_48869

Bacterial Resistance: Chloramphenicol and Spectinomycin

Defining Citation: [PMID:24376629](#)

Vector Backbone Description: Backbone Size:2673; Vector Backbone:pGreenII; Vector Types:Golden Gate compatible plant transformation vector; Bacterial Resistance:Chloramphenicol and Spectinomycin

Comments: This plasmid is designed as destination vector for Golden Gate cloning using the BsaI enzyme. The 5' BsaI overhang can be exchanged using KpnI and EcoRI. The 3' BsaI overhang can be exchanged using XhoI and XbaI. There is also a a NotI-PacI-SgsI-SfaAI-KpnI MCS in front of the A-overhang and an XbaI-PaeI MCS after the G-overhang. Plasmid Features (listed as bp in full plasmid sequence): BsaI site #1 = 602-612bp BsaI site #2 = 2040-2050bp

Plasmid Name: pGGZ003

Record Creation Time: 20220422T222251+0000

Record Last Update: 20260725T074753+0000

Ratings and Alerts

No rating or validation information has been found for pGGZ003.

No alerts have been found for pGGZ003.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Roman AO, et al. (2022) HSL1 and BAM1/2 impact epidermal cell development by sensing distinct signaling peptides. Nature communications, 13(1), 876.

K??mpers BMC, et al. (2022) Dual expression and anatomy lines allow simultaneous visualization of gene expression and anatomy. Plant physiology, 188(1), 56.

Wang FL, et al. (2021) A potassium-sensing niche in Arabidopsis roots orchestrates signaling and adaptation responses to maintain nutrient homeostasis. Developmental cell, 56(6), 781.