

Resource Summary Report

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

pGGY001

RRID:Addgene_48866

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/48866>

Proper Citation: RRID:Addgene_48866

Bacterial Resistance: Chloramphenicol and Gentamicin

Defining Citation: [PMID:24376629](#)

Vector Backbone Description: Backbone Size:2492; Vector Backbone:pGreenII; Vector Types:Golden Gate compatible plant transformation vector; Bacterial Resistance:Chloramphenicol and Gentamicin

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. Please note that a transposon insertion is present in the chloramphenicol resistance promoter. This insertion does not interfere with plasmid function. There is an additional BsaI site at bp# 1889-1894 which is irrelevant for GreenGate reactions with this plasmid. Plasmid Features (listed as bp in full plasmid sequence): BsaI site #1 = 640-650bp transposon integration = 747-2077bp BsaI site #2 = 3414-3419bp

Plasmid Name: pGGY001

Record Creation Time: 20220422T222251+0000

Record Last Update: 20260815T081555+0000

Ratings and Alerts

No rating or validation information has been found for pGGY001.

No alerts have been found for pGGY001.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.