

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

pGGC000

RRID:Addgene_48858

Type: Plasmid

Proper Citation

RRID:Addgene_48858

Plasmid Information

URL: <http://www.addgene.org/48858>

Proper Citation: RRID:Addgene_48858

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:24376629](#)

Vector Backbone Description: Backbone Size:2686; Vector Backbone:pUC19; Vector Types:Golden Gate Compatible cloning vector; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: This plasmid is designed to take up inserts for future Golden Gate cloning using the BsaI enzyme. The 5' BsaI overhang can be exchanged using HindIII and BamHI. The 3' BsaI overhang can be exchanged using KpnI and EcoRI. BamHI and KpnI sites as well as the double XcmI sites can also be used as alternative insert cloning sites, instead of using BsaI. Plasmid Features (listed as bp in full plasmid sequence): BsaI site #1 = 2241-2251bp BsaI site #2 = 3315-3325bp

Plasmid Name: pGGC000

Record Creation Time: 20220422T222251+0000

Record Last Update: 20260902T045602+0000

Ratings and Alerts

No rating or validation information has been found for pGGC000.

No alerts have been found for pGGC000.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Singh DK, et al. (2025) The composition and structure of the outer kinetochore KMN complex is conserved across kingdoms. *Communications biology*, 8(1), 1543.

Alshareef NO, et al. (2025) Root remodeling mechanisms and salt tolerance trade-offs: The roles of HKT1, TMAC2, and TIP2;2 in Arabidopsis. *PLoS genetics*, 21(6), e1011713.

Asghar R, et al. (2025) A *Puccinia striiformis* f. sp. *tritici* Effector with DPBB Domain Suppresses Wheat Defense. *Plants (Basel, Switzerland)*, 14(3).

Cautereels C, et al. (2024) Orthogonal LoxPsym sites allow multiplexed site-specific recombination in prokaryotic and eukaryotic hosts. *Nature communications*, 15(1), 1113.

Salazar OR, et al. (2024) SOS1 tonoplast neo-localization and the RGG protein SALTY are important in the extreme salinity tolerance of *Salicornia bigelovii*. *Nature communications*, 15(1), 4279.

Aparicio Chac??n MV, et al. (2024) Exploring the potential role of four *Rhizophagus irregularis* nuclear effectors: opportunities and technical limitations. *Frontiers in plant science*, 15, 1384496.

Leso M, et al. (2023) Pectin modifications promote haustoria development in the parasitic plant *Phtheirospermum japonicum*. *Plant physiology*, 194(1), 229.