

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pGCC4

RRID:Addgene_37058

Type: Plasmid

Proper Citation

RRID:Addgene_37058

Plasmid Information

URL: <http://www.addgene.org/37058>

Proper Citation: RRID:Addgene_37058

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Addgene plasmid #37060; Vector Backbone:pHSS6; Vector Types:; Bacterial Resistance:Kanamycin

Comments: Used to create strains to complement mutations using the NICS system (Mehr and Seifert, 1998; Mehr, 2000). Insert a functional copy of the gene ectopically at an unlinked chromosomal locus between the lctP and aspC genes under control of lac regulatory sequences, and linked to an Erythromycin-resistance cassette.

Plasmid Name: pGCC4

Record Creation Time: 20220422T222157+0000

Record Last Update: 20260815T081412+0000

Ratings and Alerts

No rating or validation information has been found for pGCC4.

No alerts have been found for pGCC4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Roe SK, et al. (2025) The gonococcal vaccine candidate antigen NGO1701 is a *N. gonorrhoeae* periplasmic copper storage protein. *PLoS pathogens*, 21(10), e1013559.

Rodriguez EI, et al. (2025) Contribution of the gonococcal NEIS1446-ispD gene conversion to the pathobiology of the *Neisseria meningitidis* urethritis clade, NmUC. *Infection and immunity*, 93(3), e0035024.

Lobanovska M, et al. (2019) Contribution of ?70 and ?N Factors to Expression of Class II pilE in *Neisseria meningitidis*. *Journal of bacteriology*, 201(20).

Duffin PM, et al. (2016) DprA is required for natural transformation and affects pilin variation in *Neisseria gonorrhoeae*. *Microbiology (Reading, England)*, 162(9), 1620.

Wörmann ME, et al. (2016) *Neisseria cinerea* isolates can adhere to human epithelial cells by type IV pilus-independent mechanisms. *Microbiology (Reading, England)*, 162(3), 487.