

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pRL25

RRID:Addgene_70253

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/70253>

Proper Citation: RRID:Addgene_70253

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:2830231](#)

Vector Backbone Description: Backbone Size:9841; Vector Backbone:Derivative of pBR322 and pDU1; Vector Types:Bacterial shuttle vector; Bacterial Resistance:Kanamycin

Comments: Multiple references: (i) Wolk CP, Vonshak A, Kehoe P, Elhai J (1984) Construction of shuttle vectors capable of conjugative transfer from Escherichia coli to nitrogen-fixing filamentous cyanobacteria. Proc Natl Acad Sci USA 81: 1561-1565 (ii) Schmetterer G, Wolk CP (1988) Identification of the region of cyanobacterial plasmid pDU1 necessary for replication in Anabaena sp strain M-131. Gene 62: 101-109 (iii) Wolk CP, Cai Y, Cardemil L, Flores E, Hohn B, Murry M, Schmetterer G, Schrautemeier B, Wilson R (1988) Isolation and complementation of mutants of Anabaena sp. strain PCC 7120 unable to grow aerobically on dinitrogen. J Bacteriol 170: 1239-1244 Wolk CP, Fan Q, Zhou R, Huang G, Lechno-Yossef S, Kuritz T, Wojciuch E (2007) Paired cloning vectors for complementation of mutations in the cyanobacterium Anabaena sp. strain PCC 7120. Arch Microbiol 188: 551-563

Plasmid Name: pRL25

Record Creation Time: 20220422T222434+0000

Record Last Update: 20260808T082046+0000

Ratings and Alerts

No rating or validation information has been found for pRL25.

No alerts have been found for pRL25.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.