

Resource Summary Report

Generated by [T1D](#) on Sep 5, 2026

[pRK24](#)

RRID:Addgene_51950

Type: Plasmid

Proper Citation

RRID:Addgene_51950

Plasmid Information

URL: <http://www.addgene.org/51950>

Proper Citation: RRID:Addgene_51950

Insert Name: E. coli Conjugation genes

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:25188631](#)

Vector Backbone Description: Vector Backbone:RK24; Vector Types:; Bacterial Resistance:Tetracycline

Comments: LB Lennox with Tetracycline to maintain plasmid, at 32°C or below. Strain has a biotin auxotrophy, but this should not affect growth in rich media.

Plasmid Name: pRK24

Record Creation Time: 20220422T222305+0000

Record Last Update: 20260905T075749+0000

Ratings and Alerts

No rating or validation information has been found for pRK24.

No alerts have been found for pRK24.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Obana N, et al. (2023) Genome-encoded ABCF factors implicated in intrinsic antibiotic resistance in Gram-positive bacteria: VmlR2, Ard1 and CplR. Nucleic acids research, 51(9), 4536.

Güell M, et al. (2020) Conjugative Assembly Genome Engineering (CAGE). Methods in molecular biology (Clifton, N.J.), 2075, 399.

Gale GAR, et al. (2019) Genetic Modification of Cyanobacteria by Conjugation Using the CyanoGate Modular Cloning Toolkit. Journal of visualized experiments : JoVE(152).

Ma NJ, et al. (2014) Precise manipulation of bacterial chromosomes by conjugative assembly genome engineering. Nature protocols, 9(10), 2285.