

# Resource Summary Report

Generated by [RRID](#) on Aug 17, 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:** 20260815T081618+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 [RRID](#) .

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.