

Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

pKM154

RRID:Addgene_13036

Type: Plasmid

Proper Citation

RRID:Addgene_13036

Plasmid Information

URL: <http://www.addgene.org/13036>

Proper Citation: RRID:Addgene_13036

Insert Name: cat, sacB

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:10767554](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pTP809; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: pKM154 is a derivative of pBR322 that had sequence between the EcoR1 site and NdeI site removed, with a NotI site inserted (pTP809).

Plasmid Name: pKM154

Record Creation Time: 20220422T221725+0000

Record Last Update: 20260829T075455+0000

Ratings and Alerts

No rating or validation information has been found for pKM154.

No alerts have been found for pKM154.

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](#) .

Feng H, et al. (2021) Guide-target mismatch effects on dCas9-sgRNA binding activity in living bacterial cells. *Nucleic acids research*, 49(3), 1263.

Wang T, et al. (2020) Dynamics of transcription-translation coordination tune bacterial indole signaling. *Nature chemical biology*, 16(4), 440.

Specht DA, et al. (2020) Massively parallel CRISPRi assays reveal concealed thermodynamic determinants of dCas12a binding. *Proceedings of the National Academy of Sciences of the United States of America*, 117(21), 11274.

Wang T, et al. (2018) Pooled CRISPR interference screening enables genome-scale functional genomics study in bacteria with superior performance. *Nature communications*, 9(1), 2475.

K??nig E, et al. (2018) Multiple Stepwise Gene Knockout Using CRISPR/Cas9 in *Escherichia coli*. *Bio-protocol*, 8(2), e2688.

Guo J, et al. (2018) Improved sgRNA design in bacteria via genome-wide activity profiling. *Nucleic acids research*, 46(14), 7052.

Zerbini F, et al. (2017) Large scale validation of an efficient CRISPR/Cas-based multi gene editing protocol in *Escherichia coli*. *Microbial cell factories*, 16(1), 68.