

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 31, 2026

BPK2101

RRID:Addgene_65770

Type: Plasmid

Proper Citation

RRID:Addgene_65770

Plasmid Information

URL: <http://www.addgene.org/65770>

Proper Citation: RRID:Addgene_65770

Insert Name: mammalian codon-optimized SaCas9, and SaCas9 gRNA

Organism: Staphylococcus aureus

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:26098369](#)

Vector Backbone Description: Backbone Marker:EMD Millipore; Vector Backbone:pACYCDuet-1; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Chloramphenicol

Comments: Use BsaI sites to insert sgRNA spacer sequence into the vector.

Plasmid Name: BPK2101

Record Creation Time: 20220422T222414+0000

Record Last Update: 20260829T080854+0000

Ratings and Alerts

No rating or validation information has been found for BPK2101.

No alerts have been found for BPK2101.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chen Q, et al. (2025) Engineered AcrIIA5 for optogenetic control of CRISPR-Cas9-based genome editing. mLife, 4(6), 697.