

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 13, 2026

pET-45b(+)-Tn5

RRID:Addgene_112112

Type: Plasmid

Proper Citation

RRID:Addgene_112112

Plasmid Information

URL: <http://www.addgene.org/112112>

Proper Citation: RRID:Addgene_112112

Insert Name: Tn5

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30030442](#)

Vector Backbone Description: Backbone Size:5260; Vector Backbone:pET-45b(+); Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pET-45b(+)-Tn5

Relevant Mutation: E54K E110K P242A L372P

Record Creation Time: 20220422T221546+0000

Record Last Update: 20260808T080445+0000

Ratings and Alerts

No rating or validation information has been found for pET-45b(+)-Tn5.

No alerts have been found for pET-45b(+)-Tn5.

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 [SPARC SAWG](#) .

Liang SQ, et al. (2023) Genome-wide profiling of prime editor off-target sites in vitro and in vivo using PE-tag. *Nature methods*, 20(6), 898.

Phelps WA, et al. (2023) Hybridization led to a rewired pluripotency network in the allotetraploid *Xenopus laevis*. *eLife*, 12.

Liang SQ, et al. (2022) Genome-wide detection of CRISPR editing in vivo using GUIDE-tag. *Nature communications*, 13(1), 437.

Rossi MJ, et al. (2018) Simplified ChIP-exo assays. *Nature communications*, 9(1), 2842.