

# Resource Summary Report

Generated by [kravitz2](#) on Aug 2, 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:** 20260801T075941+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 [kravitz2](#) .

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.