

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[pTX172](#)

RRID:Addgene_89259

Type: Plasmid

Proper Citation

RRID:Addgene_89259

Plasmid Information

URL: <http://www.addgene.org/89259>

Proper Citation: RRID:Addgene_89259

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:27212389](#)

Vector Backbone Description: Vector Backbone:pTX171; Vector Types:Plant Expression, CRISPR; Bacterial Resistance:Kanamycin

Comments: pZmUbi1::Cas9::RZ cleavage site::gRNA::RZ cleavage site::RZ

Plasmid Name: pTX172

Record Creation Time: 20220422T222607+0000

Record Last Update: 20260815T082155+0000

Ratings and Alerts

No rating or validation information has been found for pTX172.

No alerts have been found for pTX172.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Tang X, et al. (2024) Boosting genome editing in plants with single transcript unit surrogate reporter systems. *Plant communications*, 5(6), 100921.

Malzahn AA, et al. (2019) Application of CRISPR-Cas12a temperature sensitivity for improved genome editing in rice, maize, and Arabidopsis. *BMC biology*, 17(1), 9.

Tang X, et al. (2019) A Single Transcript CRISPR-Cas9 System for Multiplex Genome Editing in Plants. *Methods in molecular biology* (Clifton, N.J.), 1917, 75.