

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

pT7-SpCas9_sgRNA-site1 (RTW443)

RRID:Addgene_160136

Type: Plasmid

Proper Citation

RRID:Addgene_160136

Plasmid Information

URL: <http://www.addgene.org/160136>

Proper Citation: RRID:Addgene_160136

Insert Name: SpCas9 sgRNA with spacer #1 (spacer=GGGCACGGGCAGCTTGCCGG)

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:33547443](#)

Vector Backbone Description: Vector Backbone:DR274 (Addgene plasmid #42250);
Vector Types:in vitro transcription of sgRNA from T7 promoter; Bacterial
Resistance:Kanamycin

Plasmid Name: pT7-SpCas9_sgRNA-site1 (RTW443)

Record Creation Time: 20220422T221906+0000

Record Last Update: 20260815T080836+0000

Ratings and Alerts

No rating or validation information has been found for pT7-SpCas9_sgRNA-site1 (RTW443).

No alerts have been found for pT7-SpCas9_sgRNA-site1 (RTW443).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Silverstein RA, et al. (2025) Custom CRISPR-Cas9 PAM variants via scalable engineering and machine learning. Nature, 643(8071), 539.

Zhao L, et al. (2023) PAM-flexible genome editing with an engineered chimeric Cas9. Nature communications, 14(1), 6175.