Resource Summary Report

Generated by RRID on Aug 25, 2026

pX165-LZ3 Cas9

RRID:Addgene_140561
Type: Plasmid

Proper Citation

RRID:Addgene_140561

Plasmid Information

URL: http://www.addgene.org/140561

Proper Citation: RRID:Addgene_140561

Insert Name: Cas9

Organism: Streptococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: PMID:32187529

Vector Backbone Description: Vector Backbone:pX165; Vector Types:; Bacterial Resistance:Ampicillin

Plasmid Name: pX165-LZ3 Cas9

Relevant Mutation: N690C T769I G915M N980K

Record Creation Time: 20220422T221811+0000

Record Last Update: 20260826T040804+0000

Ratings and Alerts

No rating or validation information has been found for pX165-LZ3 Cas9.

No alerts have been found for pX165-LZ3 Cas9.

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 .

Li J, et al. (2024) Machine learning-based prediction models to guide the selection of Cas9 variants for efficient gene editing. Cell reports, 43(2), 113765.

Zhu W, et al. (2024) Targeted genome editing restores auditory function in adult mice with progressive hearing loss caused by a human microRNA mutation. Science translational medicine, 16(755), eadn0689.

Huang X, et al. (2022) Recent Advances in Improving Gene-Editing Specificity through CRISPR-Cas9 Nuclease Engineering. Cells, 11(14).