

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pX330A_D10A-1x2

RRID:Addgene_58772

Type: Plasmid

Proper Citation

RRID:Addgene_58772

Plasmid Information

URL: <http://www.addgene.org/58772>

Proper Citation: RRID:Addgene_58772

Insert Name: humanized S. pyogenes Cas9 (D10A) nickase

Organism: S. pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24954249](https://pubmed.ncbi.nlm.nih.gov/24954249/)

Vector Backbone Description: Vector Backbone:pUC ori vector; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: pX330A_D10A-1x2

Relevant Mutation: D10A nickase-converting mutation

Record Creation Time: 20220422T222340+0000

Record Last Update: 20260815T081718+0000

Ratings and Alerts

No rating or validation information has been found for pX330A_D10A-1x2.

No alerts have been found for pX330A_D10A-1x2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Law AL, et al. (2021) Nance-Horan Syndrome-like 1 protein negatively regulates Scar/WAVE-Arp2/3 activity and inhibits lamellipodia stability and cell migration. Nature communications, 12(1), 5687.

Yin L, et al. (2021) Protein kinase RNA-activated controls mitotic progression and determines paclitaxel chemosensitivity through B-cell lymphoma 2 in ovarian cancer. Oncogene, 40(50), 6772.

Fu Y, et al. (2020) STAT5 promotes accessibility and is required for BATF-mediated plasticity at the Il9 locus. Nature communications, 11(1), 4882.

Koh B, et al. (2018) A conserved enhancer regulates Il9 expression in multiple lineages. Nature communications, 9(1), 4803.

Sato H, et al. (2017) Engineering of Systematic Elimination of a Targeted Chromosome in Human Cells. BioMed research international, 2017, 6037159.