

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 20, 2025

pX330S-2

RRID:Addgene_58778

Type: Plasmid

Proper Citation

RRID:Addgene_58778

Plasmid Information

URL: <http://www.addgene.org/58778>

Proper Citation: RRID:Addgene_58778

Insert Name: humanized S. pyogenes Cas9 nuclease

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:24954249](#)

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

Plasmid Name: pX330S-2

Record Creation Time: 20220422T222340+0000

Record Last Update: 20220422T224454+0000

Ratings and Alerts

No rating or validation information has been found for pX330S-2.

No alerts have been found for pX330S-2.

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 [FDI Lab - SciCrunch.org](#).

Kurashima K, et al. (2024) Embryonic stem cells maintain high origin activity and slow forks to coordinate replication with cell cycle progression. EMBO reports, 25(9), 3757.

Nargund AM, et al. (2022) Chromatin Rewiring by Mismatch Repair Protein MSH2 Alters Cell Adhesion Pathways and Sensitivity to BET Inhibition in Gastric Cancer. Cancer research, 82(14), 2538.

Rakovic A, et al. (2022) Electrophysiological Properties of Induced Pluripotent Stem Cell-Derived Midbrain Dopaminergic Neurons Correlate With Expression of Tyrosine Hydroxylase. Frontiers in cellular neuroscience, 16, 817198.

Chang KT, et al. (2022) Aberrant cyclin C nuclear release induces mitochondrial fragmentation and dysfunction in MED13L syndrome fibroblasts. iScience, 25(2), 103823.