

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pC-GoldyTALEN

RRID:Addgene_38143

Type: Plasmid

Proper Citation

RRID:Addgene_38143

Plasmid Information

URL: <http://www.addgene.org/38143>

Proper Citation: RRID:Addgene_38143

Insert Name: GoldyTALEN

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23027955](#)

Vector Backbone Description: Backbone Size:4000; Vector Backbone:pBSK; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: For further reference, this plasmid was also used in the Bedell et al Nature 2012 publication (PMID 23000899). For more information on Carlson TALEN Add-On Plasmids please refer to: <http://www.addgene.org/TALeffector/goldengate/add-ons/#carlson>

Plasmid Name: pC-GoldyTALEN

Relevant Mutation: Truncate at N and C terminous

Record Creation Time: 20220422T222201+0000

Record Last Update: 20260815T081419+0000

Ratings and Alerts

No rating or validation information has been found for pC-GoldyTALEN.

No alerts have been found for pC-GoldyTALEN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Noor SI, et al. (2021) Glycosyltransferase POMGNT1 deficiency strengthens N-cadherin-mediated cell-cell adhesion. The Journal of biological chemistry, 296, 100433.

Kaiser RA, et al. (2021) Development of a porcine model of phenylketonuria with a humanized R408W mutation for gene editing. PloS one, 16(1), e0245831.

Sreevalsan S, et al. (2020) MLLT6 maintains PD-L1 expression and mediates tumor immune resistance. EMBO reports, 21(12), e50155.

Taylor L, et al. (2017) Efficient TALEN-mediated gene targeting of chicken primordial germ cells. Development (Cambridge, England), 144(5), 928.

Shinkuma S, et al. (2016) Site-specific genome editing for correction of induced pluripotent stem cells derived from dominant dystrophic epidermolysis bullosa. Proceedings of the National Academy of Sciences of the United States of America, 113(20), 5676.

Ma AC, et al. (2016) FusX: A Rapid One-Step Transcription Activator-Like Effector Assembly System for Genome Science. Human gene therapy, 27(6), 451.

Yang YK, et al. (2016) Molecular Determinants of Scaffold-induced Linear Ubiquitylation of B Cell Lymphoma/Leukemia 10 (Bcl10) during T Cell Receptor and Oncogenic Caspase Recruitment Domain-containing Protein 11 (CARD11) Signaling. The Journal of biological chemistry, 291(50), 25921.

Chan SC, et al. (2015) Targeting chromatin binding regulation of constitutively active AR variants to overcome prostate cancer resistance to endocrine-based therapies. Nucleic acids research, 43(12), 5880.

Bedell VM, et al. (2015) Using engineered endonucleases to create knockout and knockin zebrafish models. Methods in molecular biology (Clifton, N.J.), 1239, 291.

Ye L, et al. (2014) Seamless modification of wild-type induced pluripotent stem cells to the natural CCR5 Δ 32 mutation confers resistance to HIV infection. Proceedings of the National Academy of Sciences of the United States of America, 111(26), 9591.

Zhang S, et al. (2014) TALEN-mediated somatic mutagenesis in murine models of cancer. Cancer research, 74(18), 5311.

Carlson DF, et al. (2013) Editing livestock genomes with site-specific nucleases. Reproduction, fertility, and development, 26(1), 74.