

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pZT-C13-L1

RRID:Addgene_62196

Type: Plasmid

Proper Citation

RRID:Addgene_62196

Plasmid Information

URL: <http://www.addgene.org/62196>

Proper Citation: RRID:Addgene_62196

Insert Name: Left CLYBL TALEN

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25587899](#)

Vector Backbone Description: Backbone Size:4681; Vector Backbone:pZT; Vector Types:TALEN; Bacterial Resistance:Kanamycin

Comments: pZT-C13/CLYBL TALENs were assembled using RVD monomers from Golden Gate TALEN kit 1.0 (TALEN Kit #1000000016) and a mammalian TALEN expression vector pZT

Plasmid Name: pZT-C13-L1

Record Creation Time: 20220422T222356+0000

Record Last Update: 20260815T081750+0000

Ratings and Alerts

No rating or validation information has been found for pZT-C13-L1.

No alerts have been found for pZT-C13-L1.

Data and Source Information

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Bowers NJ, et al. (2026) Generation of WTC11 CLYBL-CAG_GCaMP8f cell line for fast and sensitive calcium tracking. *Stem cell research*, 95, 104021.

Mohl GA, et al. (2026) Multi-omic phenotyping of MAPT V337M neurons reveals early changes in axonogenesis and tau phosphorylation. *NPJ dementia*, 2(1), 24.

Morshed N, et al. (2026) iAstrocytes model cytokine influences on complement expression and neuronal network synchronization. *bioRxiv : the preprint server for biology*.

Jin M, et al. (2026) Neurogenin-2 Reprograms Human Microglial Lineage Cells into Neurons In Vitro and in Chimeric Brains. *bioRxiv : the preprint server for biology*.

Samelson AJ, et al. (2026) CRISPR screens in iPSC-derived neurons reveal principles of tau proteostasis. *Cell*, 189(5), 1517.

Muhar MF, et al. (2025) C-terminal amides mark proteins for degradation via SCF-FBXO31. *Nature*, 638(8050), 519.

Li X, et al. (2025) Large-scale CRISPRi screens link metabolic stress to glioblastoma chemoresistance. *Journal of translational medicine*, 23(1), 289.

Fair T, et al. (2025) Mapping cis- and trans-regulatory target genes of human-specific deletions. *Nature communications*, 16(1), 11380.

Cui X, et al. (2025) Comparative characterization of human accelerated regions in neurons. *Nature*, 640(8060), 991.

Wang Z, et al. (2025) RNA-binding proteins DND1 and NANOS3 cooperatively suppress the entry of germ cell lineage. *Nature communications*, 16(1), 4792.

Zhang J, et al. (2025) IGF2BP1 restricts the induction of human primordial germ cell fate in an m6A-dependent manner. *Cell stem cell*, 32(7), 1122.

Chen C, et al. (2025) Bidirectional regulation of glycoprotein nonmetastatic melanoma protein B by β -glucocerebrosidase deficiency in GBA1 isogenic dopaminergic neurons from a patient with Gaucher disease and parkinsonism. *bioRxiv : the preprint server for biology*.

Sun MS, et al. (2025) Core passive and facultative mTOR-mediated mechanisms coordinate mammalian protein synthesis and decay. *Cell systems*, 101456.

Teixeira M, et al. (2025) Combining light-induced aggregation and biotin proximity labeling implicates endolysosomal proteins in early β -synuclein oligomerization. *iScience*, 28(7),

112823.

Chung TH, et al. (2024) Regulation potential of transcribed simple repeated sequences in developing neurons. *Human genetics*, 143(7), 875.

Le NT, et al. (2024) Prion protein pathology in Ubiquilin 2 models of ALS. *Neurobiology of disease*, 201, 106674.

Williams D, et al. (2024) Development of quantitative high-throughput screening assays to identify, validate, and optimize small-molecule stabilizers of misfolded α -glucocerebrosidase with therapeutic potential for Gaucher disease and Parkinson's disease. *bioRxiv : the preprint server for biology*.

Karbassi E, et al. (2024) Targeted CRISPR activation is functional in engineered human pluripotent stem cells but undergoes silencing after differentiation into cardiomyocytes and endothelium. *Cellular and molecular life sciences : CMLS*, 81(1), 95.

Mohl GA, et al. (2024) The disease-causing tau V337M mutation induces tau hypophosphorylation and perturbs axon morphology pathways. *bioRxiv : the preprint server for biology*.

Elder NH, et al. (2024) Distinct differentiation trajectories leave lasting impacts on gene regulation and function of V2a interneurons. *bioRxiv : the preprint server for biology*.