

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pME-Cas9-T2A-GFP

RRID:Addgene_63155

Type: Plasmid

Proper Citation

RRID:Addgene_63155

Plasmid Information

URL: <http://www.addgene.org/63155>

Proper Citation: RRID:Addgene_63155

Insert Name: Cas9-T2A-GFP

Organism: Danio rerio

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25752963](#)

Vector Backbone Description: Backbone Size:2765; Vector Backbone:pME-MCS (Tol2Kit #237); Vector Types:CRISPR, Tol2 Middle Entry vector for Gateway; Bacterial Resistance:Kanamycin

Comments: Reference for zebrafish codon-optimized Cas9: Jao, L.E., Wente, S.R., and Chen, W. (2013). Efficient multiplex biallelic zebrafish genome editing using a CRISPR nuclease system. Proc Natl Acad Sci U S A 110, 13904-13909.

Plasmid Name: pME-Cas9-T2A-GFP

Record Creation Time: 20220422T222401+0000

Record Last Update: 20260815T081759+0000

Ratings and Alerts

No rating or validation information has been found for pME-Cas9-T2A-GFP.

No alerts have been found for pME-Cas9-T2A-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Siniscalco A, et al. (2024) Barcoding Notch signaling in the developing brain. bioRxiv : the preprint server for biology.

Melgrati S, et al. (2023) GPR182 is a broadly scavenging atypical chemokine receptor influencing T-independent immunity. Frontiers in immunology, 14, 1242531.

Lysko DE, et al. (2022) Unmyelinated sensory neurons use Neuregulin signals to promote myelination of interneurons in the CNS. Cell reports, 41(7), 111669.

Sheng J, et al. (2022) Sema4C Is Required for Vascular and Primary Motor Neuronal Patterning in Zebrafish. Cells, 11(16).

Ferreira FJ, et al. (2021) foxm1 Modulates Cell Non-Autonomous Response in Zebrafish Skeletal Muscle Homeostasis. Cells, 10(5).

Raj B, et al. (2018) Simultaneous single-cell profiling of lineages and cell types in the vertebrate brain. Nature biotechnology, 36(5), 442.

Zhou W, et al. (2018) Neutrophil-specific knockout demonstrates a role for mitochondria in regulating neutrophil motility in zebrafish. Disease models & mechanisms, 11(3).

Wild R, et al. (2017) Neuronal sFlt1 and Vegfaa determine venous sprouting and spinal cord vascularization. Nature communications, 8, 13991.