

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

Ai65(RCFL-tdT) targeting vector

RRID:Addgene_61577

Type: Plasmid

Proper Citation

RRID:Addgene_61577

Plasmid Information

URL: <http://www.addgene.org/61577>

Proper Citation: RRID:Addgene_61577

Insert Name: pCAG-FSF-LSL-tdTomato

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25741722](#)

Vector Backbone Description: Backbone Size:2881; Vector Backbone:Rosa26 Targeting Vector; Vector Types:Mouse Targeting, Cre/Lox; Bacterial Resistance:Kanamycin

Comments: NOTE: There are some minor discrepancies between the depositor's assembled sequence and Addgene's quality control sequence. The depositing lab has assessed these differences and states that they do not affect function.

Plasmid Name: Ai65(RCFL-tdT) targeting vector

Record Creation Time: 20220422T222353+0000

Record Last Update: 20260815T081743+0000

Ratings and Alerts

No rating or validation information has been found for Ai65(RCFL-tdT) targeting vector.

No alerts have been found for Ai65(RCFL-tdT) targeting vector.

Data and Source Information

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Dafre AL, et al. (2025) Gender-Dependent Cognitive and Metabolic Benefits Due to Glyoxalase 1 (Glo1) Overexpression in Age-Accelerated SAMP8 Mice. *Antioxidants* (Basel, Switzerland), 14(8).

Osanai Y, et al. (2024) 5' Transgenes drive leaky expression of 3' transgenes in Cre-inducible bi-cistronic vectors. *Molecular therapy. Methods & clinical development*, 32(3), 101288.

Huang DF, et al. (2023) An intersectional genetic approach for simultaneous cell type-specific labelling and gene knockout in the mouse. *Development* (Cambridge, England), 150(4).

Kasatkina LA, et al. (2022) Optogenetic manipulation and photoacoustic imaging using a near-infrared transgenic mouse model. *Nature communications*, 13(1), 2813.

Sabatini PV, et al. (2021) tTARGIT AAVs mediate the sensitive and flexible manipulation of intersectional neuronal populations in mice. *eLife*, 10.

Tang Y, et al. (2020) Multifaceted secretion of htNSC-derived hypothalamic islets induces survival and antidiabetic effect via peripheral implantation in mice. *eLife*, 9.

Vermeer JAF, et al. (2020) A lineage-tracing tool to map the fate of hypoxic tumour cells. *Disease models & mechanisms*, 13(7).

Zhang Q, et al. (2019) Multiplexed peroxidase-based electron microscopy labeling enables simultaneous visualization of multiple cell types. *Nature neuroscience*, 22(5), 828.

Bakhmet EI, et al. (2019) hnRNP-K Targets Open Chromatin in Mouse Embryonic Stem Cells in Concert with Multiple Regulators. *Stem cells* (Dayton, Ohio), 37(8), 1018.

Kuzmin AA, et al. (2019) Genetic tool for fate mapping of Oct4 (Pou5f1)-expressing cells and their progeny past the pluripotency stage. *Stem cell research & therapy*, 10(1), 391.