

# 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

Source: [Addgene](#)

---

## 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).

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.

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

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.