

# Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

## Ai6

RRID:Addgene\_22798

Type: Plasmid

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### Proper Citation

RRID:Addgene\_22798

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### Plasmid Information

**URL:** <http://www.addgene.org/22798>

**Proper Citation:** RRID:Addgene\_22798

**Insert Name:** CAG-Floxed ZsGreen

**Organism:** n/a

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:20023653](#)

**Vector Backbone Description:** Backbone Size:9862; Vector Backbone:Rosa26 Targeting Vector; Vector Types:Mouse Targeting; Bacterial Resistance:Ampicillin

**Plasmid Name:** Ai6

**Record Creation Time:** 20220422T222101+0000

**Record Last Update:** 20260919T091549+0000

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### Ratings and Alerts

No rating or validation information has been found for Ai6.

No alerts have been found for Ai6.

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### Data and Source Information

**Source:** [Addgene](#)

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### Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Kim JH, et al. (2022) Neuroinflammation Induced by Transgenic Expression of Lipocalin-2 in Astrocytes. *Frontiers in cellular neuroscience*, 16, 839118.

Niemann P, et al. (2022) Generation and Characterization of an Inducible Cx43 Overexpression System in Mouse Embryonic Stem Cells. *Cells*, 11(4).

Proietti Onori M, et al. (2021) RHEB/mTOR hyperactivity causes cortical malformations and epileptic seizures through increased axonal connectivity. *PLoS biology*, 19(5), e3001279.

Giesen J, et al. (2020) AMPA Induces NO-Dependent cGMP Signals in Hippocampal and Cortical Neurons via L-Type Voltage-Gated Calcium Channels. *Cerebral cortex (New York, N.Y. : 1991)*, 30(4), 2128.

Sehrawat A, et al. (2020) SMAD7 enhances adult  $\beta$ -cell proliferation without significantly affecting  $\beta$ -cell function in mice. *The Journal of biological chemistry*, 295(15), 4858.

Forte E, et al. (2020) Dynamic Interstitial Cell Response during Myocardial Infarction Predicts Resilience to Rupture in Genetically Diverse Mice. *Cell reports*, 30(9), 3149.

Menges L, et al. (2019) Mind the gap (junction): cGMP induced by nitric oxide in cardiac myocytes originates from cardiac fibroblasts. *British journal of pharmacology*, 176(24), 4696.

Hermann M, et al. (2014) Binary recombinase systems for high-resolution conditional mutagenesis. *Nucleic acids research*, 42(6), 3894.