

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

C57BL/6-Tg(CAG-tdTomato.Actb/EGFP)1Erv/J

RRID:IMSR_JAX:029889

Type: Organism

Proper Citation

RRID:IMSR_JAX:029889

Organism Information

URL: <https://www.jax.org/strain/029889>

Proper Citation: RRID:IMSR_JAX:029889

Description: Mus musculus with name C57BL/6-Tg(CAG-tdTomato.Actb/EGFP)1Erv/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 1; James Ervasti; coisogenic strain|mutant strain: |Tg(CAG-tdTomato;Actb/EGFP)1Erv

Affected Gene: |transgene insertion 1; James Ervasti

Genomic Alteration: transgene insertion 1; James Ervasti

Catalog Number: JAX:029889

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6-Tg(CAG-tdTomato.Actb/EGFP)1Erv/J

Record Creation Time: 20250513T053811+0000

Record Last Update: 20260829T045116+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(CAG-tdTomato.Actb/EGFP)1Erv/J.

No alerts have been found for C57BL/6-Tg(CAG-tdTomato.Actb/EGFP)1Erv/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Wagner EL, et al. (2023) Repair of noise-induced damage to stereocilia F-actin cores is facilitated by XIRP2 and its novel mechanosensor domain. eLife, 12.

McGrath J, et al. (2021) Actin at stereocilia tips is regulated by mechanotransduction and ADF/cofilin. Current biology : CB, 31(6), 1141.

Acosta-Ruiz A, et al. (2020) Branched Photoswitchable Tethered Ligands Enable Ultra-efficient Optical Control and Detection of G Protein-Coupled Receptors In Vivo. Neuron, 105(3), 446.

Caballero S, et al. (2017) Bone Marrow-Derived Cell Recruitment to the Neurosensory Retina and Retinal Pigment Epithelial Cell Layer Following Subthreshold Retinal Phototherapy. Investigative ophthalmology & visual science, 58(12), 5164.

Zhong K, et al. (2012) Murine myeloid dendritic cells that phagocytose apoptotic T cells inhibit the immune response via NO. PloS one, 7(11), e49378.

Niclou SP, et al. (2008) A novel eGFP-expressing immunodeficient mouse model to study tumor-host interactions. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 22(9), 3120.