

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

STOCK Tg(Aldh1l1-EGFP)OFC789Gsat/Mmucd

RRID:MMRRC_011015-UCD

Type: Organism

Proper Citation

RRID:MMRRC_011015-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11015

Proper Citation: RRID:MMRRC_011015-UCD

Description: Mus musculus with name STOCK Tg(Aldh1l1-EGFP)OFC789Gsat/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Developmental Biology, Neurobiology, Research Tools; Mutation Type: Transgenic ; Collection: GENSAT

Affected Gene: Aldh1l1|EGFP||

Catalog Number: 011015-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_11015-UCD, MMRRC_011015, MMRRC_1115

Organism Name: STOCK Tg(Aldh1l1-EGFP)OFC789Gsat/Mmucd

Record Creation Time: 20230308T054908+0000

Record Last Update: 20260912T134234+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Aldh1l1-EGFP)OFC789Gsat/Mmucd.

No alerts have been found for STOCK Tg(Aldh1l1-EGFP)OFC789Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 60 mentions in open access literature.

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

Eaker AR, et al. (2026) Astrocyte-Derived PTPRZ1 Regulates Excitatory Synapse Density in the Mouse Cortex. *eNeuro*, 13(4).

Lewis RW, et al. (2025) Dominant MLC-causing mutations alter hepaCAM subcellular localization and protein interactome in astrocytes of the developing mouse cortex. *bioRxiv* : the preprint server for biology.

Hasel P, et al. (2025) Defining the molecular identity and morphology of glia limitans superficialis astrocytes in vertebrates. *Cell reports*, 44(3), 115344.

Ogaki A, et al. (2025) Chemokine-complement cascade in glial-vascular units protects neurons from non-biogenic nanoparticles. *Journal of neuroinflammation*, 22(1), 182.

Xu J, et al. (2025) GPR37L1 identifies spinal cord astrocytes and protects neuropathic pain after nerve injury. *Neuron*, 113(8), 1206.

Lee W, et al. (2025) Cyclin-dependent kinase inhibitor p18 regulates lineage transitions of excitatory neurons, astrocytes, and interneurons in the mouse cortex. *The EMBO journal*, 44(2), 382.

Faust TE, et al. (2025) Microglia-astrocyte crosstalk regulates synapse remodeling via Wnt signaling. *Cell*.

Nagao M, et al. (2025) Chromatin remodeler Chd7 regulates reactive astrogliosis after ischemic stroke. *Cell reports*, 44(12), 116590.

Yu Z, et al. (2025) Activity-dependent synapse elimination requires caspase-3 activation. *eLife*, 13.

Brandebura AN, et al. (2025) Dysregulation of astrocyte-secreted pleiotrophin contributes to neuronal structural and functional deficits in Down syndrome. *Cell reports*, 44(10), 116300.

Williamson MR, et al. (2025) Learning-associated astrocyte ensembles regulate memory recall. *Nature*, 637(8045), 478.

Morimoto K, et al. (2024) Maternal immunoglobulins are distributed in the offspring's brain to support the maintenance of cortical interneurons in the postnatal period. *Inflammation and regeneration*, 44(1), 24.

Wang S, et al. (2024) Astrocytic LRRK2 Controls Synaptic Connectivity via Regulation of ERM Phosphorylation. *bioRxiv : the preprint server for biology*.

Irala D, et al. (2024) Astrocyte-secreted neurocan controls inhibitory synapse formation and function. *Neuron*, 112(10), 1657.

Barykina NV, et al. (2024) Destabilized near-infrared fluorescent nanobodies enable background-free targeting of GFP-based biosensors for imaging and manipulation. *Nature communications*, 15(1), 7788.

Li X, et al. (2023) Low Temperature Delays the Effects of Ischemia in Bergmann Glia and in Cerebellar Tissue Swelling. *Biomedicines*, 11(5).

Irala D, et al. (2023) Astrocyte-Secreted Neurocan Controls Inhibitory Synapse Formation and Function. *bioRxiv : the preprint server for biology*.

Frazel PW, et al. (2023) Single-cell analysis of the nervous system at small and large scales with instant partitions. *bioRxiv : the preprint server for biology*.

Tan CX, et al. (2023) β -Catenin controls astrocyte morphogenesis via layer-specific astrocyte-neuron cadherin interactions. *The Journal of cell biology*, 222(11).

Hasel P, et al. (2023) Defining the molecular identity and morphology of glia limitans superficialis astrocytes in mouse and human. *bioRxiv : the preprint server for biology*.