Resource Summary Report

Generated by NIF on Aug 23, 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: 20260815T123248+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 NIF .

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) ??-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.