Resource Summary Report

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B6N.FVB-Tg(Aldh1l1-cre/ERT2)1Khakh/J

RRID:IMSR_JAX:031008
Type: Organism

Proper Citation

RRID:IMSR_JAX:031008

Organism Information

URL: https://www.jax.org/strain/031008

Proper Citation: RRID:IMSR_JAX:031008

Description: Mus musculus with name B6N.FVB-Tg(Aldh1l1-cre/ERT2)1Khakh/J from IMSR.

Species: Mus musculus

Synonyms: B6;FVB-Tg(Aldh1l1-cre/ERT2)1Khakh/J

Notes: gene symbol note: transgene insertion 1; Baljit Khakh|Cre recombinase and estrogen receptor 1 (human) fusion gene|aldehyde dehydrogenase 1 family; member L1; mutant strain|congenic strain: Tg(Aldh1l1-cre/ERT2)1Khakh|cre/ERT2|Aldh1l1

Affected Gene: transgene insertion 1; Baljit Khakh|Cre recombinase and estrogen receptor 1 (human) fusion gene|aldehyde dehydrogenase 1 family; member L1

Genomic Alteration: transgene insertion 1; Baljit Khakh

Catalog Number: JAX:031008

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6N.FVB-Tg(Aldh1l1-cre/ERT2)1Khakh/J

Record Creation Time: 20250513T053819+0000

Record Last Update: 20260725T044521+0000

Ratings and Alerts

No rating or validation information has been found for B6N.FVB-Tg(Aldh1l1-cre/ERT2)1Khakh/J.

No alerts have been found for B6N.FVB-Tg(Aldh1l1-cre/ERT2)1Khakh/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Oubraim S, et al. (2025) Astrocytic FABP5 mediates retrograde endocannabinoid transport at central synapses. iScience, 28(5), 112342.

Bear R, et al. (2025) In vivo genetic labeling of primary cilia in developing astrocytes. BMC molecular and cell biology, 26(1), 23.

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

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

Lindman M, et al. (2025) Astrocytic RIPK3 exerts protective anti-inflammatory activity in mice with viral encephalitis by transcriptional induction of serpins. Science signaling, 18(895), eadq6422.

Zengeler KE, et al. (2025) Inflammasome signaling in astrocytes modulates hippocampal plasticity. Immunity, 58(6), 1519.

Louzon S, et al. (2025) Age- and cell-type-specific effects of histone variant H2BE in the brain. Cell reports, 44(12), 116655.

Bear R, et al. (2025) In vivo genetic labeling of primary cilia in developing astrocytes. bioRxiv : the preprint server for biology.

Gaykema RP, et al. (2025) Spontaneous Seizure Outcomes in Mice Using an Improved Version of the Pilocarpine Model of Temporal Lobe Epilepsy. International journal of molecular sciences, 26(19).

Meadows SM, et al. (2024) Hippocampal astrocytes induce sex-dimorphic effects on memory. Cell reports, 43(6), 114278.

Balkaya M, et al. (2023) Conditional deletion of LRRC8A in the brain reduces stroke damage independently of swelling-activated glutamate release. iScience, 26(5), 106669.

Oudart M, et al. (2023) The ribosome-associated protein RACK1 represses Kir4.1 translation in astrocytes and influences neuronal activity. Cell reports, 42(5), 112456.

Rosenberg MF, et al. (2023) ?-Adrenergic Signaling Promotes Morphological Maturation of Astrocytes in Female Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(50), 8621.

Su Y, et al. (2023) Astrocyte endfoot formation controls the termination of oligodendrocyte precursor cell perivascular migration during development. Neuron, 111(2), 190.

Sheehan PW, et al. (2023) An astrocyte BMAL1-BAG3 axis protects against alpha-synuclein and tau pathology. Neuron, 111(15), 2383.

Li K, et al. (2023) The astrocytic Na+ -HCO3 - cotransporter, NBCe1, is dispensable for respiratory chemosensitivity. The Journal of physiology, 601(16), 3667.

Winters ND, et al. (2023) Opposing retrograde and astrocyte-dependent endocannabinoid signaling mechanisms regulate lateral habenula synaptic transmission. Cell reports, 42(3), 112159.

Bravo-Ferrer I, et al. (2022) Cell-specific RNA purification to study translatomes of mouse central nervous system. STAR protocols, 3(2), 101397.

Pittolo S, et al. (2022) Dopamine activates astrocytes in prefrontal cortex via ?1-adrenergic receptors. Cell reports, 40(13), 111426.

Hösli L, et al. (2022) Direct vascular contact is a hallmark of cerebral astrocytes. Cell reports, 39(1), 110599.