

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

B6;FVB-Tg(Aldh1l1-cre)JD1884Htz/J

RRID:IMSR_JAX:023748

Type: Organism

Proper Citation

RRID:IMSR_JAX:023748

Organism Information

URL: <https://www.jax.org/strain/023748>

Proper Citation: RRID:IMSR_JAX:023748

Description: Mus musculus with name B6;FVB-Tg(Aldh1l1-cre)JD1884Htz/J from IMSR.

Species: Mus musculus

Synonyms: B6;FVB-Tg(Aldh1l1-cre)JD1884Gsat/J

Notes: gene symbol note: transgene insertion JD188; Nathaniel Heintz||aldehyde dehydrogenase 1 family; member L1; mutant stock: Tg(Aldh1l1-cre)JD1884Htz||Aldh1l1

Affected Gene: transgene insertion JD188; Nathaniel Heintz||aldehyde dehydrogenase 1 family; member L1

Genomic Alteration: transgene insertion JD188; Nathaniel Heintz

Catalog Number: JAX:023748

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6;FVB-Tg(Aldh1l1-cre)JD1884Htz/J

Record Creation Time: 20250513T053748+0000

Record Last Update: 20260725T044455+0000

Ratings and Alerts

No rating or validation information has been found for B6;FVB-Tg(Aldh1l1-cre)JD1884Htz/J.

No alerts have been found for B6;FVB-Tg(Aldh1l1-cre)JD1884Htz/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Xin Q, et al. (2025) Neuron-astrocyte coupling in lateral habenula mediates depressive-like behaviors. *Cell*, 188(12), 3291.

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

Licht-Murava A, et al. (2023) Astrocytic TDP-43 dysregulation impairs memory by modulating antiviral pathways and interferon-inducible chemokines. *Science advances*, 9(16), eade1282.

Gourvitch B, et al. (2023) Synchronization of inspiratory burst onset along the ventral respiratory column in the neonate mouse is mediated by electrotonic coupling. *BMC biology*, 21(1), 83.

Peng W, et al. (2023) Adenosine-independent regulation of the sleep-wake cycle by astrocyte activity. *Cell discovery*, 9(1), 16.

Yao S, et al. (2023) A whole-brain monosynaptic input connectome to neuron classes in mouse visual cortex. *Nature neuroscience*, 26(2), 350.

Ung K, et al. (2020) Parallel astrocyte calcium signaling modulates olfactory bulb responses. *Journal of neuroscience research*, 98(8), 1605.

Kang S, et al. (2020) Activation of Astrocytes in the Dorsomedial Striatum Facilitates Transition From Habitual to Goal-Directed Reward-Seeking Behavior. *Biological psychiatry*, 88(10), 797.

Farhy-Tselnicker I, et al. (2017) Astrocyte-Secreted Glypican 4 Regulates Release of Neuronal Pentraxin 1 from Axons to Induce Functional Synapse Formation. *Neuron*, 96(2), 428.