

Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 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: 20260912T060532+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 10 mentions in open access literature.

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

Wang Z, et al. (2026) Ferroplasticity drives social isolation-induced anxiety via a ventral hippocampal iron-?-synuclein axis. Cell metabolism, 38(5), 891.

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.

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

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.

Gourévitch 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.

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.