

Resource Summary Report

Generated by T1D on Sep 19, 2026

B6.FVB-Tg(Atp4b-cre)1Jig/JcmiJ

RRID:IMSR_JAX:030656

Type: Organism

Proper Citation

RRID:IMSR_JAX:030656

Organism Information

URL: <https://www.jax.org/strain/030656>

Proper Citation: RRID:IMSR_JAX:030656

Description: Mus musculus with name B6.FVB-Tg(Atp4b-cre)1Jig/JcmiJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion 1; Jeffrey I Gordon|ATPase; H⁺/K⁺ exchanging; beta polypeptide|; mutant strain|congenic strain: Tg(Atp4b-cre)1Jig|Atp4b|

Affected Gene: transgene insertion 1; Jeffrey I Gordon|ATPase; H⁺/K⁺ exchanging; beta polypeptide|

Genomic Alteration: transgene insertion 1; Jeffrey I Gordon

Catalog Number: JAX:030656

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.FVB-Tg(Atp4b-cre)1Jig/JcmiJ

Record Creation Time: 20250513T053816+0000

Record Last Update: 20260919T055000+0000

Ratings and Alerts

No rating or validation information has been found for B6.FVB-Tg(Atp4b-cre)1Jig/JcmiJ.

No alerts have been found for B6.FVB-Tg(Atp4b-cre)1Jig/JcmiJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Chen S, et al. (2026) Endogenous retrovirus-derived RNA-DNA hybrids induce microglial synaptic pruning in autism models. *Neuron*, 114(10), 1765.

Adkins-Threats M, et al. (2024) Metabolic regulator ERR?? governs gastric stem cell differentiation into acid-secreting parietal cells. *Cell stem cell*, 31(6), 886.

Miao ZF, et al. (2020) A Metformin-Responsive Metabolic Pathway Controls Distinct Steps in Gastric Progenitor Fate Decisions and Maturation. *Cell stem cell*, 26(6), 910.

Miao ZF, et al. (2020) A Dedicated Evolutionarily Conserved Molecular Network Licenses Differentiated Cells to Return to the Cell Cycle. *Developmental cell*, 55(2), 178.