

Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

C57BL/6-Tg(Nes-cre/ERT2)KEisc/J

RRID:IMSR_JAX:016261

Type: Organism

Proper Citation

RRID:IMSR_JAX:016261

Organism Information

URL: <https://www.jax.org/strain/016261>

Proper Citation: RRID:IMSR_JAX:016261

Description: Mus musculus with name C57BL/6-Tg(Nes-cre/ERT2)KEisc/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion K; Amelia Eisch|nestin; coisogenic strain|mutant strain: |Tg(Nes-cre/ERT2)KEisc|Nes

Affected Gene: |transgene insertion K; Amelia Eisch|nestin

Genomic Alteration: transgene insertion K; Amelia Eisch

Catalog Number: JAX:016261

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: C57BL/6-Tg(Nes-cre/ERT2)KEisc/J

Record Creation Time: 20250513T053730+0000

Record Last Update: 20260808T050934+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Tg(Nes-cre/ERT2)KEisc/J.

No alerts have been found for C57BL/6-Tg(Nes-cre/ERT2)KEisc/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 116 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Rechberger JS, et al. (2026) Radiotherapy plus neoadjuvant and concomitant IL-13R α 2-directed immunotoxin therapy for diffuse intrinsic pontine glioma. *Communications biology*, 9(1), 78.

Li W, et al. (2026) A dual-functional engineered exosome-laden hydrogel redirects endogenous neural stem cell fate for spinal cord injury repair. *Bioactive materials*, 62, 899.

Sekiryu H, et al. (2026) Histone methyltransferase Setd8 preserves chromatin accessibility to safeguard retinal progenitor cell identity during development. *Stem cell reports*, 21(2), 102789.

Dietert K, et al. (2026) LRP1 in Adult-Born Neural Stem Cells Modulates Neurogenesis and Hippocampal Memory. *Cells*, 15(5).

Nitahara K, et al. (2026) Defective ventral neurogenesis due to midfetal Chd8 mutation drives autistic-like behavior in mice. *Nature communications*, 17(1).

Nemati S, et al. (2026) Therapeutic reactivation of hippocampal progenitors reverse cognition decline in mice with progressive brain demyelination. *Stem cell reports*, 21(5), 102896.

Song J, et al. (2026) Manic switching from depression is affected by adult hippocampal neurogenesis. *Animal cells and systems*, 30(1), 368.

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.

Swaidan R, et al. (2025) Rb substantially compensates for the double loss of p130 and p107 in adult but not embryonic neural stem cell lineages. *Cell death & disease*, 16(1), 511.

Matsubara S, et al. (2025) Epigenetic regulation of neural stem cell aging in the mouse hippocampus by Setd8 downregulation. *The EMBO journal*, 44(13), 3645.

Tao L, et al. (2025) Slc22a17 governs postnatal neurogenesis by maintaining the iron homeostasis in hippocampus. *Nature communications*, 16(1), 11117.

Lei B, et al. (2025) Reconstructing a new hippocampal engram for systems reconsolidation and remote memory updating. *Neuron*, 113(3), 471.

Li Z, et al. (2025) Lactate shuttling links histone lactylation to adult hippocampal neurogenesis in mice. *Developmental cell*, 60(8), 1182.

Srinivasan S, et al. (2025) Transient reactivation of small ensembles of adult-born neurons during REM sleep supports memory consolidation in mice. *Nature communications*, 16(1), 7210.

Sharma D, et al. (2025) A myeloid Tet2-IL-1 β axis modulates intestinal inflammation by restricting catecholaminergic stimulation of enterochromaffin cell differentiation. *Immunity*, 58(11), 2785.

Fahey E, et al. (2025) Endothelial IL-36 receptor activation promotes vascular stability to limit pathological microvessel permeability in the CNS. *Cell reports*, 44(11), 116549.

Zhao F, et al. (2025) An optimized click chemistry method allows visualization of proliferating neuronal progenitors in the mouse brain. *Cell reports methods*, 5(11), 101208.

Chu B, et al. (2025) S-nitros(yl)ation of CaMKII β and its precision redox regulation by SNOTAC plays a critical role in learning and memory. *Redox biology*, 86, 103784.

Chen SW, et al. (2025) ECM29/proteasome-mediated self-antigen generation by CNS-resident neuroglia promotes regulatory T cell activation. *Cell reports*, 44(1), 115161.

Chu CH, et al. (2025) Nuclear paxillin functions as a molecular switch for alternative splicing in neurons during a critical period of brain development. *The EMBO journal*.