

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

B6.Cg-Ndor1^{Tg(UBC-cre/ERT2)1Ejb/1J}

RRID:IMSR_JAX:007001

Type: Organism

Proper Citation

RRID:IMSR_JAX:007001

Organism Information

URL: <https://www.jax.org/strain/007001>

Proper Citation: RRID:IMSR_JAX:007001

Description: Mus musculus with name B6.Cg-Ndor1^{Tg(UBC-cre/ERT2)1Ejb/1J} from IMSR.

Species: Mus musculus

Synonyms: B6;129S-Tg(UBC-cre/ERT2)1Ejb/J. B6;129S-Tg(UBC-cre/ESR1)1Ejb/J.
B6.Cg-Tg(UBC-cre/ESR1)1Ejb/J. B6.Cg-Tg(UBC-cre/ERT2)1Ejb/1J

Notes: gene symbol note: estrogen receptor 1|NADPH dependent diflavin oxidoreductase
1|ubiquitin C; mutant strain|congenic strain: ESR1|Ndor1|UBC

Affected Gene: estrogen receptor 1|NADPH dependent diflavin oxidoreductase
1|ubiquitin C

Genomic Alteration: transgene insertion 1; Eric J Brown

Catalog Number: JAX:007001

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Ndor1^{Tg(UBC-cre/ERT2)1Ejb/1J}

Record Creation Time: 20250513T053700+0000

Record Last Update: 20260815T050609+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Ndor1^{Tg(UBC-cre/ERT2)1Ejb}/1J.

No alerts have been found for B6.Cg-Ndor1^{Tg(UBC-cre/ERT2)1Ejb}/1J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 58 mentions in open access literature.

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

Lu G, et al. (2026) In vivo detection of immune responses via cytokine activity labeling. Cell.

Wrynn T, et al. (2026) Unveiling critical signaling pathways in the murine salivary gland and the role of midkine. iScience, 29(3), 114852.

Kim SS, et al. (2026) Ribonuclease ? promotes longevity by preventing age-associated accumulation of circular RNA in stress granules. Molecular cell, 86(5), 885.

Bajikar SS, et al. (2025) Acute MeCP2 loss in adult mice reveals transcriptional and chromatin changes that precede neurological dysfunction and inform pathogenesis. Neuron, 113(3), 380.

Doggett K, et al. (2025) Inhibition of the minor spliceosome restricts the growth of a broad spectrum of cancers. EMBO reports, 26(15), 3937.

McKinsey GL, et al. (2025) Radial glia integrin avb8 regulates cell autonomous microglial TGF β 1 signaling that is necessary for microglial identity. Nature communications, 16(1), 2840.

Jarjour NN, et al. (2025) Collaboration between interleukin-7 and -15 enables adaptation of tissue-resident and circulating memory CD8⁺ T cells to cytokine deficiency. Immunity, 58(3), 616.

Bafna A, et al. (2025) Zinc finger homeobox-3 (ZFHX3) orchestrates genome-wide daily gene expression in the suprachiasmatic nucleus. eLife, 14.

Song X, et al. (2025) Independent genetic strategies define the scope and limits of CDKL5 deficiency disorder reversal. Cell reports. Medicine, 6(2), 101926.

Lei Y, et al. (2025) Deubiquitinase USP9X controls Wnt signaling for CNS vascular formation and barrier maintenance. Developmental cell, 60(11), 1618.

Xing C, et al. (2025) Targeting Innate Immune Checkpoint TREX1 Is a Safe and Effective Immunotherapeutic Strategy in Cancer. *Cancer research*, 85(15), 2858.

Zhu X, et al. (2025) Menin orchestrates macrophage reprogramming to maintain the pulmonary immune homeostasis. *Cell reports*, 44(1), 115219.

Wang DC, et al. (2024) Embryonically active piriform cortex neurons promote intracortical recurrent connectivity during development. *Neuron*, 112(17), 2938.

Ren G, et al. (2024) Decreased GATA3 levels cause changed mouse cutaneous innate lymphoid cell fate, facilitating hair follicle recycling. *Developmental cell*, 59(14), 1809.

Bailey AS, et al. (2024) YTHDC2 serves a distinct late role in spermatocytes during germ cell differentiation. *Proceedings of the National Academy of Sciences of the United States of America*, 121(42), e2309548121.

Thierry GR, et al. (2024) Non-classical monocytes scavenge the growth factor CSF1 from endothelial cells in the peripheral vascular tree to ensure survival and homeostasis. *Immunity*, 57(9), 2108.

Moeller J, et al. (2024) Ablation of PC1/3 in POMC-Expressing Tissues but Not in Immune Cells Induces Sepsis Hypersensitivity. *Journal of the Endocrine Society*, 8(11), bvaē171.

Li JJ, et al. (2024) Differentiation route determines the functional outputs of adult megakaryopoiesis. *Immunity*, 57(3), 478.

Bowman RL, et al. (2024) In vivo models of subclonal oncogenesis and dependency in hematopoietic malignancy. *Cancer cell*, 42(11), 1955.

Niemi NM, et al. (2023) Pptc7 maintains mitochondrial protein content by suppressing receptor-mediated mitophagy. *bioRxiv : the preprint server for biology*.