

Resource Summary Report

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

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

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: 20260725T044413+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 56 mentions in open access literature.

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

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

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.

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.

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.

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

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

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.

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

- 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.
- Wang DC, et al. (2024) Embryonically active piriform cortex neurons promote intracortical recurrent connectivity during development. *Neuron*, 112(17), 2938.
- 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), bvae171.
- 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.
- 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.
- 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.
- Shah M, et al. (2023) Low c-Kit expression identifies primitive, therapy-resistant CML stem cells. *JCI insight*, 8(1).
- Niemi NM, et al. (2023) Pptc7 maintains mitochondrial protein content by suppressing receptor-mediated mitophagy. *bioRxiv : the preprint server for biology*.
- Wagner EL, et al. (2023) Repair of noise-induced damage to stereocilia F-actin cores is facilitated by XIRP2 and its novel mechanosensor domain. *eLife*, 12.