

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

Affected Gene: |estrogen receptor 1|ubiquitin C|NADPH dependent diflavin oxidoreductase 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: 20250513T053836+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 46 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

Vardam-Kaur T, et al. (2024) The ATP-exporting channel Pannexin 1 promotes CD8+ T cell effector and memory responses. *iScience*, 27(7), 110290.

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), bva171.

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

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

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

Shah M, et al. (2023) Low c-Kit expression identifies primitive, therapy-resistant CML stem cells. *JCI insight*, 8(1).

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.

Scalabrino ML, et al. (2023) Late gene therapy limits the restoration of retinal function in a mouse model of retinitis pigmentosa. *Nature communications*, 14(1), 8256.

Scalabrino ML, et al. (2023) Late gene therapy limits the restoration of retinal function in a mouse model of retinitis pigmentosa. *bioRxiv* : the preprint server for biology.

Valle-Noguera A, et al. (2023) IL-18-induced HIF-1 α in ILC3s ameliorates the inflammation of C. rodentium-induced colitis. *Cell reports*, 42(12), 113508.

Bailey AS, et al. (2023) YTHDC2 serves a distinct late role in spermatocytes during germ cell differentiation. *bioRxiv* : the preprint server for biology.

Yao AY, et al. (2023) Bace1 Deletion in the Adult Reverses Epileptiform Activity and Sleep-wake Disturbances in AD Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(35), 6197.

Varghese N, et al. (2023) KCNQ2/3 Gain-of-Function Variants and Cell Excitability: Differential Effects in CA1 versus L2/3 Pyramidal Neurons. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(38), 6479.

McKinsey GL, et al. (2023) Radial glia promote microglial development through integrin α 5 β 1-TGF β 1 signaling. *bioRxiv* : the preprint server for biology.

Chen L, et al. (2023) TGFB1 induces fetal reprogramming and enhances intestinal regeneration. *Cell stem cell*, 30(11), 1520.

Yao JC, et al. (2022) TGF- β signaling in myeloproliferative neoplasms contributes to myelofibrosis without disrupting the hematopoietic niche. *The Journal of clinical investigation*, 132(11).

Yang K, et al. (2022) Cytoplasmic RNA quality control failure engages mTORC1-mediated autoinflammatory disease. *The Journal of clinical investigation*, 132(2).

Emoto T, et al. (2022) Colony stimulating factor-1 producing endothelial cells and mesenchymal stromal cells maintain monocytes within a perivascular bone marrow niche. *Immunity*, 55(5), 862.