Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 10, 2025

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

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

Genomic Alteration: transgene insertion 1; Eric J Brown

Catalog Number: JAX:007001

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:7001

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

Record Creation Time: 20230509T193253+0000

Record Last Update: 20250407T165743+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: International Mouse Resource Center IMSR, JAX

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), bvae171.

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.

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.

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? in ILC3s ameliorates the inflammation of C. rodentium-induced colitis. Cell reports, 42(12), 113508.

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.

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

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 ?V?8 -TGF?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-? 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.