

# Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

## B6.Cg-Ndor1<sup>Tg(UBC-cre/ERT2)1Ejb/2J</sup>

RRID:IMSR\_JAX:008085

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:008085

### Organism Information

**URL:** <https://www.jax.org/strain/008085>

**Proper Citation:** RRID:IMSR\_JAX:008085

**Description:** Mus musculus with name B6.Cg-Ndor1<sup>Tg(UBC-cre/ERT2)1Ejb/2J</sup> from IMSR.

**Species:** Mus musculus

**Synonyms:** B6.Cg-Tg(UBC-cre/ESR1)1Ejb/J. B6.Cg-Tg(UBC-cre/ERT2)1Ejb/J. B6.Cg-Tg(UBC-cre/ERT2)1Ejb/2J

**Notes:** gene symbol note: estrogen receptor 1|NADPH dependent diflavin oxidoreductase 1|ubiquitin C|; 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:008085

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.Cg-Ndor1<sup>Tg(UBC-cre/ERT2)1Ejb/2J</sup>

**Record Creation Time:** 20250513T053706+0000

**Record Last Update:** 20260808T050911+0000

### Ratings and Alerts

No rating or validation information has been found for B6.Cg-Ndor1<sup>Tg(UBC-cre/ERT2)</sup>1Ejb/2J.

No alerts have been found for B6.Cg-Ndor1<sup>Tg(UBC-cre/ERT2)</sup>1Ejb/2J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Globig P, et al. (2025) Acetylsalicylic acid aggravates anaphylaxis in a PGE2-dependent manner. *The Journal of clinical investigation*, 135(5).

Tokavanich N, et al. (2025) Control of alveolar bone development, homeostasis, and socket healing by salt-inducible kinases. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 40(5), 656.

Thakur P, et al. (2025) An antisense oligonucleotide-based strategy to ameliorate cognitive dysfunction in the 22q11.2 Deletion Syndrome. *eLife*, 13.

Zhong X, et al. (2024) Disruption of the ZFP574-THAP12 complex suppresses B cell malignancies in mice. *Proceedings of the National Academy of Sciences of the United States of America*, 121(31), e2409232121.

Mendez Ruiz S, et al. (2023) Over-expression of ADAR1 in mice does not initiate or accelerate cancer formation in vivo. *NAR cancer*, 5(2), zcad023.

Kulikauskas MR, et al. (2023) Endothelial Cell SMAD6 Balances ACVRL1/Alk1 Function to Regulate Adherens Junctions and Hepatic Vascular Development. *bioRxiv : the preprint server for biology*.

Arumi-Planas M, et al. (2023) Microenvironmental Snail1-induced immunosuppression promotes melanoma growth. *Oncogene*, 42(36), 2659.

Miyauchi S, et al. (2023) Reprogramming of tumor-associated macrophages via NEDD4-mediated CSF1R degradation by targeting USP18. *Cell reports*, 42(12), 113560.

Pak TK, et al. (2021) A mouse model of Bardet-Biedl Syndrome has impaired fear memory, which is rescued by lithium treatment. *PLoS genetics*, 17(4), e1009484.

Baglietto-Vargas D, et al. (2021) Generation of a humanized A $\beta$  expressing mouse demonstrating aspects of Alzheimer's disease-like pathology. *Nature communications*, 12(1), 2421.

Tang CC, et al. (2021) Dual targeting of salt inducible kinases and CSF1R uncouples bone formation and bone resorption. *eLife*, 10.

Sun Z, et al. (2021) The kinase PDK1 is critical for promoting T follicular helper cell differentiation. *eLife*, 10.

Altshuler A, et al. (2021) Discrete limbal epithelial stem cell populations mediate corneal homeostasis and wound healing. *Cell stem cell*, 28(7), 1248.

Okuniewska M, et al. (2021) SPNS2 enables T cell egress from lymph nodes during an immune response. *Cell reports*, 36(2), 109368.

Yao F, et al. (2021) A targetable LIFR-NF- $\kappa$ B-LCN2 axis controls liver tumorigenesis and vulnerability to ferroptosis. *Nature communications*, 12(1), 7333.

Matsumoto T, et al. (2020) In Vivo Lineage Tracing of Polyploid Hepatocytes Reveals Extensive Proliferation during Liver Regeneration. *Cell stem cell*, 26(1), 34.

Soliman H, et al. (2020) Pathogenic Potential of Hic1-Expressing Cardiac Stromal Progenitors. *Cell stem cell*, 26(2), 205.

Qi Y, et al. (2020) PTEN suppresses epithelial-mesenchymal transition and cancer stem cell activity by downregulating Abi1. *Scientific reports*, 10(1), 12685.

Ramos-Lobo AM, et al. (2019) Long-term consequences of the absence of leptin signaling in early life. *eLife*, 8.

Key PN, et al. (2019) Chronic Ly49H Receptor Engagement in vivo Decreases NK Cell Response to Stimulation Through ITAM-Dependent and Independent Pathways Both in vitro and in vivo. *Frontiers in immunology*, 10, 1692.