

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

B6(Cg)-Tyr^{c-2J}/J

RRID:IMSR_JAX:000058

Type: Organism

Proper Citation

RRID:IMSR_JAX:000058

Organism Information

URL: <https://www.jax.org/strain/000058>

Proper Citation: RRID:IMSR_JAX:000058

Description: Mus musculus with name B6(Cg)-Tyr^{c-2J}/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Tyr/J. albino B6. B6 albino

Notes: gene symbol note: cytochrome c oxidase subunit 7A2 like|tyrosinase; mutant strain: Cox7a2l|Tyr

Affected Gene: cytochrome c oxidase subunit 7A2 like|tyrosinase

Genomic Alteration: short|albino 2 Jackson

Catalog Number: JAX:000058

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6(Cg)-Tyr^{c-2J}/J

Record Creation Time: 20250513T053614+0000

Record Last Update: 20260801T050317+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Tyr^{c-2J}/J.

No alerts have been found for B6(Cg)-Tyr^{C-2J}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 147 mentions in open access literature.

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

Tworak A, et al. (2025) MFRP is a molecular hub that organizes the apical membrane of RPE cells by engaging in interactions with specific proteins and lipids. *Proceedings of the National Academy of Sciences of the United States of America*, 122(16), e2425523122.

Poliński P, et al. (2025) A highly conserved neuronal microexon in DAAM1 controls actin dynamics, RHOA/ROCK signaling, and memory formation. *Nature communications*, 16(1), 4210.

Saadane A, et al. (2025) The retinol-binding protein receptor STRA6 and melanin cooperatively sustain retinoid signaling and outer blood-retinal barrier integrity. *The Journal of biological chemistry*, 301(12), 110846.

Rodgers LT, et al. (2025) Fluorescence-Guided Resection of GL261 Red-FLuc and TRP-mCherry-FLuc Mouse Glioblastoma Tumors. *Cancers*, 17(5).

Langowski MD, et al. (2025) Elicitation of liver-stage immunity by nanoparticle immunogens displaying *P. falciparum* CSP-derived antigens. *NPJ vaccines*, 10(1), 87.

Kiszka KA, et al. (2025) Autonomous bioluminescence emission from transgenic mice. *Science advances*, 11(28), eads0463.

Roper PM, et al. (2025) Characterization of a mouse model of osteoarticular infection using clinical isolates of *Staphylococcus aureus*. *JBMR plus*, 9(9), ziaf093.

Reveiz M, et al. (2025) In silico improvement of affinity for highly protective anti-malarial antibodies. *iScience*, 28(7), 112903.

Weeden T, et al. (2025) FORCE platform overcomes barriers of oligonucleotide delivery to muscle and corrects myotonic dystrophy features in preclinical models. *Communications medicine*, 5(1), 22.

He F, et al. (2025) Roles of class III phosphatidylinositol 3-kinase, Vps34, in phagocytosis, autophagy, and endocytosis in retinal pigmented epithelium. *iScience*, 28(5), 112371.

Tripathi P, et al. (2025) Protective immunity against malaria by a nanoparticle CIS43-based junctional vaccine alone or in combination with R21. *bioRxiv : the preprint server for biology*.

Weiss S, et al. (2025) Accelerated Endosomal Escape of Splice-Switching Oligonucleotides Enables Efficient Hepatic Splice Correction. *ACS applied materials & interfaces*, 17(6), 9000.

Xiao H, et al. (2025) Uncovering minimal pathways in melanoma initiation. *Nature communications*, 16(1), 5369.

Ahronian LG, et al. (2025) TNG260 Is a Small-Molecule CoREST Inhibitor That Sensitizes STK11-Mutant Tumors to Anti-PD-1 Immunotherapy. *Cancer research*, 85(20), 3966.

Li Y, et al. (2025) EED Maintains the Small Cell Lung Cancer Neuroendocrine Phenotype and Drives Lung Cancer Histological Transformation. *bioRxiv : the preprint server for biology*.

Hong D, et al. (2025) Loss of NOTCH2 creates a TRIM28-dependent vulnerability in small cell lung cancer. *Developmental cell*.

Park JS, et al. (2025) L1CAM signaling through planar cell polarity generates SOX2 + metastatic progenitors in lung adenocarcinoma. *bioRxiv : the preprint server for biology*.

McCracken S, et al. (2025) Mistargeted retinal axons induce a synaptically independent subcircuit in the visual thalamus of albino mice. *eLife*, 13.

Goepp M, et al. (2025) Age-related impairment of intestinal inflammation resolution through an eicosanoid-immune-microbiota axis. *Cell host & microbe*, 33(5), 671.

Vázquez Salgado AM, et al. (2025) In Vivo CRISPR Activation Screening Reveals Chromosome 1q Genes VPS72, GBA1, and MRPL9 Drive Hepatocellular Carcinoma. *Cellular and molecular gastroenterology and hepatology*, 101460.