

Resource Summary Report

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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: Cox7a2|Tyr

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

Genomic Alteration: short|albino 2 Jackson

Catalog Number: JAX:000058

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

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

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: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 107 mentions in open access literature.

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

Barravecchia I, et al. (2024) Modeling Molecular Pathogenesis of Idiopathic Pulmonary Fibrosis-Associated Lung Cancer in Mice. Molecular cancer research : MCR, 22(3), 295.

Glaser KM, et al. (2024) Arp2/3 complex and the pentose phosphate pathway regulate late phases of neutrophil swarming. iScience, 27(1), 108656.

Gerace D, et al. (2023) Engineering human stem cell-derived islets to evade immune rejection and promote localized immune tolerance. Cell reports. Medicine, 4(1), 100879.

Johnson NR, et al. (2023) CSF1R inhibitors induce a sex-specific resilient microglial phenotype and functional rescue in a tauopathy mouse model. Nature communications, 14(1), 118.

Agudo-Rios C, et al. (2023) SPAG17 mediates nuclear translocation of protamines during spermiogenesis. Frontiers in cell and developmental biology, 11, 1125096.

Li Y, et al. (2023) Aurora A kinase inhibition induces accumulation of SCLC tumor cells in mitosis with restored interferon signaling to increase response to PD-L1. Cell reports. Medicine, 4(11), 101282.

Pan Y, et al. (2023) KMT2D deficiency drives lung squamous cell carcinoma and hypersensitivity to RTK-RAS inhibition. Cancer cell, 41(1), 88.

Evans KT, et al. (2023) Microglia promote anti-tumour immunity and suppress breast cancer brain metastasis. Nature cell biology, 25(12), 1848.

Tripathi P, et al. (2023) Cryo-EM structures of anti-malarial antibody L9 with circumsporozoite protein reveal trimeric L9 association and complete 27-residue epitope. Structure (London, England : 1993), 31(4), 480.

Brodeur MN, et al. (2023) Interferon response and epigenetic modulation by SMARCA4

mutations drive ovarian tumor immunogenicity. bioRxiv : the preprint server for biology.

Mastraccio KE, et al. (2023) mAb therapy controls CNS-resident lyssavirus infection via a CD4 T cell-dependent mechanism. *EMBO molecular medicine*, 15(10), e16394.

Slavi N, et al. (2023) CyclinD2-mediated regulation of neurogenic output from the retinal ciliary margin is perturbed in albinism. *Neuron*, 111(1), 49.

Van de Pette M, et al. (2022) Epigenetic changes induced by in utero dietary challenge result in phenotypic variability in successive generations of mice. *Nature communications*, 13(1), 2464.

Kerdidani D, et al. (2022) Lung tumor MHCII immunity depends on in situ antigen presentation by fibroblasts. *The Journal of experimental medicine*, 219(2).

Shao A, et al. (2022) Arap1 loss causes retinal pigment epithelium phagocytic dysfunction and subsequent photoreceptor death. *Disease models & mechanisms*, 15(7).

Low BE, et al. (2022) Efficient targeted transgenesis of large donor DNA into multiple mouse genetic backgrounds using bacteriophage Bxb1 integrase. *Scientific reports*, 12(1), 5424.

Hajji N, et al. (2022) Arginine deprivation alters microglial polarity and synergizes with radiation to eradicate non-arginine-auxotrophic glioblastoma tumors. *The Journal of clinical investigation*, 132(6).

Chambers S, et al. (2022) Trpm1: Novel function at the intersection of light and pain response in the iris. *Experimental eye research*, 215, 108897.

Zhang H, et al. (2022) One step synthesis of efficient red emissive carbon dots and their bovine serum albumin composites with enhanced multi-photon fluorescence for in vivo bioimaging. *Light, science & applications*, 11(1), 113.

Kang KD, et al. (2022) Safety and Efficacy of Intraventricular Immunovirotherapy with Oncolytic HSV-1 for CNS Cancers. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 28(24), 5419.