Resource Summary Report

Generated by NIF on Aug 15, 2026

B6.Cg-Tg(CAG-cre)CZ-MO2Osb

RRID:IMSR_CARD:1146
Type: Organism

Proper Citation

RRID:IMSR_CARD:1146

Organism Information

URL: https://cardmice.com/rbase/strain?strainid=1146

Proper Citation: RRID:IMSR_CARD:1146

Description: Mus musculus with name B6.Cg-Tg(CAG-cre)CZ-MO2Osb from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(CAG-cre)2Osb/Osb

Notes: gene symbol note: ; congenic strain:

Genomic Alteration: transgene insertion CZ-M02; Research Institute for Microbial Diseases; Osaka University

Catalog Number: CARD:1146

Database: Center for Animal Resources and Development

Database Abbreviation: CARD

Availability: embryo

Organism Name: B6.Cg-Tg(CAG-cre)CZ-MO2Osb

Record Creation Time: 20250513T061351+0000

Record Last Update: 20260815T054658+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Tg(CAG-cre)CZ-MO2Osb.

No alerts have been found for B6.Cg-Tg(CAG-cre)CZ-MO2Osb.

Data and Source Information

Source: Integrated Animals

Source Database: Center for Animal Resources and Development

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Yamaguchi Y, et al. (2023) An intact pituitary vasopressin system is critical for building a robust circadian clock in the suprachiasmatic nucleus. Proceedings of the National Academy of Sciences of the United States of America, 120(43), e2308489120.

Ryoden Y, et al. (2022) Requirement of Xk and Vps13a for the P2X7-mediated phospholipid scrambling and cell lysis in mouse T cells. Proceedings of the National Academy of Sciences of the United States of America, 119(7).

Yamada S, et al. (2022) Inka2, a novel Pak4 inhibitor, regulates actin dynamics in neuronal development. PLoS genetics, 18(10), e1010438.

Kawashita E, et al. (2022) Endothelial group IVA phospholipase A2 promotes hepatic fibrosis with sinusoidal capillarization in the early stage of non-alcoholic steatohepatitis in mice. Life sciences, 294, 120355.

Tanimizu N, et al. (2021) Generation of functional liver organoids on combining hepatocytes and cholangiocytes with hepatobiliary connections ex vivo. Nature communications, 12(1), 3390.

Hirohashi K, et al. (2020) Protective effects of Alda-1, an ALDH2 activator, on alcohol-derived DNA damage in the esophagus of human ALDH2*2 (Glu504Lys) knock-in mice. Carcinogenesis, 41(2), 194.

Miyasaka Y, et al. (2018) CLICK: one-step generation of conditional knockout mice. BMC genomics, 19(1), 318.

Kiyozumi D, et al. (2018) Laminin ?1 C-terminal Glu to Gln mutation induces early postimplantation lethality. Life science alliance, 1(5), e201800064.

Fujita Y, et al. (2017) Decreased cohesin in the brain leads to defective synapse development and anxiety-related behavior. The Journal of experimental medicine, 214(5), 1431.

Kiyozumi D, et al. (2012) Basement membrane assembly of the integrin ?8?1 ligand nephronectin requires Fraser syndrome-associated proteins. The Journal of cell biology, 197(5), 677.