

Resource Summary Report

Generated by [NIF](#) on Sep 1, 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-MO2; 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: 20260829T053415+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.