

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

BKS.NOD-Tg(hIns-TRX)90Miya

RRID:IMSR_CARD:1548

Type: Organism

Proper Citation

RRID:IMSR_CARD:1548

Organism Information

URL: <https://cardmice.com/rbase/strain?strainid=1548>

Proper Citation: RRID:IMSR_CARD:1548

Description: Mus musculus with name BKS.NOD-Tg(hIns-TRX)90Miya from IMSR.

Species: Mus musculus

Notes: gene symbol note: Thioredoxin; mutant strain: TRX

Affected Gene: Thioredoxin

Genomic Alteration: transgene insertion 90 Jun-ichi Miyazaki

Catalog Number: CARD:1548

Database: Center for Animal Resources and Development

Database Abbreviation: CARD

Availability: embryo

Organism Name: BKS.NOD-Tg(hIns-TRX)90Miya

Record Creation Time: 20250513T061355+0000

Record Last Update: 20260725T052033+0000

Ratings and Alerts

No rating or validation information has been found for BKS.NOD-Tg(hIns-TRX)90Miya.

No alerts have been found for BKS.NOD-Tg(hIns-TRX)90Miya.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Center for Animal Resources and Development

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Ivanich K, et al. (2025) Ketogenic Diet Modulates Gut Microbiota-Brain Metabolite Axis in a Sex- and Genotype-Specific Manner in APOE4 Mice. *Journal of neurochemistry*, 169(9), e70216.

Zhao N, et al. (2020) Alzheimer's Risk Factors Age, APOE Genotype, and Sex Drive Distinct Molecular Pathways. *Neuron*, 106(5), 727.

Tensaouti Y, et al. (2020) Apolipoprotein E regulates the maturation of injury-induced adult-born hippocampal neurons following traumatic brain injury. *PloS one*, 15(3), e0229240.

Tensaouti Y, et al. (2018) ApoE Regulates the Development of Adult Newborn Hippocampal Neurons. *eNeuro*, 5(4).

Huynh TV, et al. (2017) Age-Dependent Effects of apoE Reduction Using Antisense Oligonucleotides in a Model of β -amyloidosis. *Neuron*, 96(5), 1013.