

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

SHR-Prdx2^{em1lzm}

RRID:RGD_38599208

Type: Organism

Proper Citation

RRID:RGD_38599208

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=38599208>

Proper Citation: RRID:RGD_38599208

Description: Rattus norvegicus with name SHR-Prdx2^{em1lzm} from RGD.

Species: Rattus norvegicus

Notes: This strain is established at Kyoto University: By CRISPR/Cas9 system, mutation was introduced in Peroxiredoxin-2 (Prdx2) gene of SHR/lzm rat. This KO rat strain has 7-bp deletion (5'-CTCCGGC-3', c.6_13del7) in the exon2 of Prdx2 gene. Target sequence is 5'-CCTCCGGCAACGCGCACATCGGA-3?(PAM sequence:CCT). [National BioResource Project for the Rat in Japan](#)

Catalog Number: 38599208

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2020-09-15)

Alternate IDs: 38599208

Organism Name: SHR-Prdx2^{em1lzm}

Record Creation Time: 20230509T191949+0000

Record Last Update: 20260725T194307+0000

Ratings and Alerts

No rating or validation information has been found for SHR-*Prdx2*^{em1lzm}.

No alerts have been found for SHR-*Prdx2*^{em1lzm}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.