

# Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

## SHR-Prdx2<sup>em1lzm</sup>

RRID:RGD\_38599208

Type: Organism

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### Proper Citation

RRID:RGD\_38599208

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### Organism Information

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

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**Description:** Rattus norvegicus with name SHR-Prdx2<sup>em1lzm</sup> 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<sup>em1lzm</sup>

**Record Creation Time:** 20230509T191949+0000

**Record Last Update:** 20260829T184954+0000

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### Ratings and Alerts

No rating or validation information has been found for SHR-*Prdx2*<sup>em1lzm</sup>.

No alerts have been found for SHR-*Prdx2*<sup>em1lzm</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.