

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[Prdx2^{tm1Yu}](#)/[Prdx2^{tm1Yu}](#)

RRID:MGI:2668457

Type: Organism

Proper Citation

RRID:MGI:2668457

Organism Information

URL:

Proper Citation: RRID:MGI:2668457

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: increased spleen red pulp amount, increased cellular sensitivity to hydrogen peroxide, echinocytosis, decreased hemoglobin content, decreased hematocrit, abnormal erythropoiesis, reticulocytosis, increased spleen weight, hemolytic anemia, abnormal proerythroblast morphology, abnormal bone marrow cell morphology/development, increased cellular sensitivity to oxidative stress, increased number of Heinz bodies, schistocytosis, enlarged spleen, abnormal erythrocyte morphology, hemosiderosis, spherocytosis

Affected Gene: Prdx2

Genomic Alteration: tm1Yu

Catalog Number: 2668457

Background: involves: 129S4/SvJae

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12586629](#)

Organism Name: Prdx2^{tm1Yu}/Prdx2^{tm1Yu}

Record Creation Time: 20240120T190732+0000

Record Last Update: 20240130T202058+0000

Ratings and Alerts

No rating or validation information has been found for Prdx2^{tm1Yu}/Prdx2^{tm1Yu}.

No alerts have been found for Prdx2^{tm1Yu}/Prdx2^{tm1Yu}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.