

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 1, 2026

[Prkg1^{tm2.1Naw}/Prkg1^{tm2.1Naw}](#)

RRID:MGI:3797266

Type: Organism

Proper Citation

RRID:MGI:3797266

Organism Information

URL:

Proper Citation: RRID:MGI:3797266

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

Species: Mus musculus

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

Phenotype: enlarged spleen, decreased hematocrit, decreased erythrocyte cell number, increased red blood cell distribution width, premature death, increased mean systemic arterial blood pressure, abnormal intestinal transit time, abnormal circulating hormone level, anemia, abnormal erythrocyte morphology, abnormal vascular smooth muscle physiology, reticulocytosis, increased erythrocyte clearance, increased mean corpuscular volume, increased mean corpuscular hemoglobin

Affected Gene: Prkg1

Genomic Alteration: tm2.1Naw

Catalog Number: 3797266

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18443297](#), [PMID:17901360](#)

Organism Name: Prkg1^{tm2.1Naw}/Prkg1^{tm2.1Naw}

Record Creation Time: 20240120T190431+0000

Record Last Update: 20240130T201914+0000

Ratings and Alerts

No rating or validation information has been found for Prkg1^{tm2.1Naw}/Prkg1^{tm2.1Naw}.

No alerts have been found for Prkg1^{tm2.1Naw}/Prkg1^{tm2.1Naw}.

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.