

# Resource Summary Report

Generated by [dkNET](#) on Sep 9, 2026

[Prkg1<sup>tm2.1Naw</sup>/Prkg1<sup>tm2.1Naw</sup>](#)

RRID:MGI:3797266

Type: Organism

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## Proper Citation

RRID:MGI:3797266

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## 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<sup>tm2.1Naw</sup>/Prkg1<sup>tm2.1Naw</sup>

**Record Creation Time:** 20240120T190431+0000

**Record Last Update:** 20240130T201914+0000

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## Ratings and Alerts

No rating or validation information has been found for Prkg1<sup>tm2.1Naw</sup>/Prkg1<sup>tm2.1Naw</sup>.

No alerts have been found for Prkg1<sup>tm2.1Naw</sup>/Prkg1<sup>tm2.1Naw</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.