

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 6, 2026

[Mir144/Mir451a<sup>tm1.2Doca</sup>/Mir144/Mir451a<sup>tm1.2Doca</sup>](#)

RRID:MGI:4829624

Type: Organism

## Proper Citation

RRID:MGI:4829624

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4829624

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

**Species:** Mus musculus

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

**Phenotype:** decreased erythrocyte cell number, anisocytosis, anemia, abnormal erythropoiesis, increased sensitivity to xenobiotic induced morbidity/mortality, increased red blood cell distribution width, increased erythroid progenitor cell number, enlarged spleen, decreased hemoglobin content, decreased hematocrit

**Affected Gene:** Mir451a

**Genomic Alteration:** tm1.2Doca

**Catalog Number:** 4829624

**Background:** involves: 129P2/OlaHsd \* 129S4/SvJaeSor \* BALB/cJ

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:20513743](#)

**Organism Name:** Mir144/Mir451a<sup>tm1.2Doca</sup>/Mir144/Mir451a<sup>tm1.2Doca</sup>

**Record Creation Time:** 20240120T190247+0000

**Record Last Update:** 20240130T201815+0000

---

## Ratings and Alerts

No rating or validation information has been found for Mir144/Mir451a<sup>tm1.2Doca</sup>/Mir144/Mir451a<sup>tm1.2Doca</sup>.

No alerts have been found for Mir144/Mir451a<sup>tm1.2Doca</sup>/Mir144/Mir451a<sup>tm1.2Doca</sup>.

---

## 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.