

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

[Mir144/Mir451a^{tm1.2Doca}/Mir144/Mir451a^{tm1.2Doca}](#)

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^{tm1.2Doca}/Mir144/Mir451a^{tm1.2Doca}

Record Creation Time: 20240120T190247+0000

Record Last Update: 20240130T201815+0000

Ratings and Alerts

No rating or validation information has been found for Mir144/Mir451a^{tm1.2Doca}/Mir144/Mir451a^{tm1.2Doca}.

No alerts have been found for Mir144/Mir451a^{tm1.2Doca}/Mir144/Mir451a^{tm1.2Doca}.

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.