

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

[Samd9^{tm1Homy}/Samd9^{tm1Homy}](#)

RRID:MGI:5308654

Type: Organism

Proper Citation

RRID:MGI:5308654

Organism Information

URL:

Proper Citation: RRID:MGI:5308654

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

Species: Mus musculus

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

Phenotype: abnormal myelopoiesis, increased susceptibility to viral infection, anemia, anisopoikilocytosis, decreased neutrophil cell number, enlarged spleen, increased number of Howell-Jolly bodies, increased bone marrow cell number, giant platelets, abnormal neutrophil morphology, increased tumor incidence following infection, polychromatophilia, abnormal megakaryocyte morphology, abnormal definitive hematopoiesis, abnormal erythropoiesis, abnormal erythroblast morphology, premature death, increased leukemia incidence, increased leukocyte cell number, increased leukemia incidence

Affected Gene: Samd9l

Genomic Alteration: tm1Homy

Catalog Number: 5308654

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24029230](#), [PMID:21412262](#)

Organism Name: Samd9^{tm1Homy}/Samd9^{tm1Homy}

Record Creation Time: 20240120T190156+0000

Record Last Update: 20240130T201748+0000

Ratings and Alerts

No rating or validation information has been found for Samd9^{tm1Homy}/Samd9^{tm1Homy}.

No alerts have been found for Samd9^{tm1Homy}/Samd9^{tm1Homy}.

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.