

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 6, 2026

[Runx1^{tm2.1Gss}/Runx1^{tm2.1Gss}](#)

RRID:MGI:5614301

Type: Organism

Proper Citation

RRID:MGI:5614301

Organism Information

URL:

Proper Citation: RRID:MGI:5614301

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

Species: Mus musculus

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

Phenotype: decreased hematocrit, decreased immature B cell number, anemia, abnormal spleen white pulp morphology, abnormal megakaryocyte morphology, increased granulocyte number, increased hemoglobin content, increased macrophage cell number, abnormal erythrocyte morphology, abnormal erythropoiesis, abnormal leukocyte morphology, abnormal definitive hematopoiesis, abnormal megakaryocyte differentiation, decreased CD8-positive, alpha-beta T cell number, abnormal erythroid progenitor cell morphology, mortality/aging, increased mature B cell number, increased mean platelet volume, myeloid hyperplasia, decreased mean corpuscular volume, decreased pre-pro B cell number, enlarged spleen, increased monocyte cell number, thrombocytosis, increased pro-B cell number, increased red blood cell distribution width, hematopoietic system phenotype, increased erythrocyte cell number

Affected Gene: Runx1

Genomic Alteration: tm2.1Gss

Catalog Number: 5614301

Background: involves: 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23823022](#)

Organism Name: Runx1^{tm2.1Gss}/Runx1^{tm2.1Gss}

Record Creation Time: 20240120T190035+0000

Record Last Update: 20240130T201659+0000

Ratings and Alerts

No rating or validation information has been found for Runx1^{tm2.1Gss}/Runx1^{tm2.1Gss}.

No alerts have been found for Runx1^{tm2.1Gss}/Runx1^{tm2.1Gss}.

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.