

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 20, 2026

[Runx1^{tm1.1\(RUNX1*\)Homy}/Runx1^{tm1.1\(RUNX1*\)Homy}](#)

RRID:MGI:4835666

Type: Organism

Proper Citation

RRID:MGI:4835666

Organism Information

URL:

Proper Citation: RRID:MGI:4835666

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

Species: Mus musculus

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

Phenotype: pale liver, hemorrhage, abnormal megakaryocyte progenitor cell morphology, abnormal common myeloid progenitor cell morphology, decreased erythroid progenitor cell number, lethality throughout fetal growth and development, complete penetrance, impaired hematopoiesis, skin edema, dilated vasculature, aneurysm, abnormal pericyte morphology, decreased hematopoietic cell number

Affected Gene: Runx1

Genomic Alteration: tm1.1(RUNX1*)Homy

Catalog Number: 4835666

Background: B6.129P2-Runx1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20647008](#)

Organism Name: Runx1^{tm1.1(RUNX1*)Homy}/Runx1^{tm1.1(RUNX1*)Homy}

Record Creation Time: 20240120T190243+0000

Record Last Update: 20240130T201813+0000

Ratings and Alerts

No rating or validation information has been found for Runx1^{tm1.1(RUNX1*)Homy}/Runx1^{tm1.1(RUNX1*)Homy}.

No alerts have been found for Runx1^{tm1.1(RUNX1*)Homy}/Runx1^{tm1.1(RUNX1*)Homy}.

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.