

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Rb1^{tm1Mlh}/Rb1^{tm1Mlh}](#)

RRID:MGI:3574046

Type: Organism

Proper Citation

RRID:MGI:3574046

Organism Information

URL:

Proper Citation: RRID:MGI:3574046

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

Species: Mus musculus

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

Phenotype: enlarged liver sinusoidal spaces, abnormal definitive hematopoiesis, abnormal lens fiber morphology, abnormal frontal lobe morphology, embryonic lethality, complete penetrance, pale yolk sac, neurodegeneration, increased apoptosis, dilated fourth ventricle, abnormal dorsal root ganglion morphology, flat forehead, decreased erythrocyte cell number, decreased hepatocyte number, abnormal erythropoiesis, neurodegeneration, embryonic growth retardation, abnormal erythropoiesis, abnormal erythrocyte morphology, vision/eye phenotype, increased megakaryocyte cell number, abnormal myelopoiesis

Affected Gene: Rb1

Genomic Alteration: tm1Mlh

Catalog Number: 3574046

Background: either: 129P2/OlaHsd-Rb1 or (involves: 129P2/OlaHsd * BALB/c) or (involves: 129P2/OlaHsd * FVB/N)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:1406937](#), [PMID:7925271](#)

Organism Name: Rb1^{tm1Mlh}/Rb1^{tm1Mlh}

Record Creation Time: 20240120T190637+0000

Record Last Update: 20240130T202026+0000

Ratings and Alerts

No rating or validation information has been found for Rb1^{tm1Mlh}/Rb1^{tm1Mlh}.

No alerts have been found for Rb1^{tm1Mlh}/Rb1^{tm1Mlh}.

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.