

Resource Summary Report

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

[Hbb^{tm2\(HBG1/HBD/HBB*\)Ryan}/Hbb^{tm2\(HBG1/HBD/HBB*\)Ryan}; Hba^{tm1\(HBA\)Tow}/Hba^{tm1\(HBA\)Tow}](#)

RRID:MGI:3846169

Type: Organism

Proper Citation

RRID:MGI:3846169

Organism Information

URL:

Proper Citation: RRID:MGI:3846169

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

Species: Mus musculus

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

Phenotype: anisopoikilocytosis, decreased hemoglobin content, spherocytosis, spleen hyperplasia, anemia, abnormal proerythroblast morphology, increased circulating bilirubin level, low mean erythrocyte cell number, extramedullary hematopoiesis, intermingled spleen red and white pulp, hemolytic anemia, decreased mean corpuscular volume, polychromatophilia, premature death, reticulocytosis

Affected Gene: Hba, Hbb

Genomic Alteration: tm2(HBG1, HBD, HBB*)Ryan, tm1(HBA)Tow

Catalog Number: 3846169

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19258591](#)

Organism Name: Hbb^{tm2(HBG1/HBD/HBB*)Ryan}/Hbb^{tm2(HBG1/HBD/HBB*)Ryan}; Hba^{tm1(HBA)Tow}/Hba^{tm1(HBA)Tow}

Record Creation Time: 20240120T190338+0000

Record Last Update: 20240130T201844+0000

Ratings and Alerts

No rating or validation information has been found for Hbb^{tm2(HBG1/HBD/HBB*)Ryan}/Hbb^{tm2(HBG1/HBD/HBB*)Ryan}; Hba^{tm1(HBA)Tow}/Hba^{tm1(HBA)Tow}.

No alerts have been found for Hbb^{tm2(HBG1/HBD/HBB*)Ryan}/Hbb^{tm2(HBG1/HBD/HBB*)Ryan}; Hba^{tm1(HBA)Tow}/Hba^{tm1(HBA)Tow}.

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.