

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 1, 2026

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

RRID:MGI:3803707

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3803707

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

Species: Mus musculus

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

Phenotype: abnormal kidney corticomedullary boundary morphology, decreased hematocrit, decreased hemoglobin content, polychromatophilia, increased liver iron level, anemia, decreased erythrocyte cell number, poikilocytosis, reticulocytosis, spleen vascular congestion, abnormal erythrocyte morphology, kidney vascular congestion, abnormal spleen white pulp morphology, enlarged spleen, focal hepatic necrosis, liver vascular congestion, anisocytosis, abnormal liver morphology, increased spleen red pulp amount, abnormal Kupffer cell morphology, decreased urine osmolality, extramedullary hematopoiesis

Affected Gene: Hbb, Hba

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

Catalog Number: 3803707

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16638928](#), [PMID:18516054](#)

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

Record Creation Time: 20240120T190425+0000

Record Last Update: 20240130T201911+0000

Ratings and Alerts

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

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