

# Resource Summary Report

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

[Hba<sup>tm1\(HBA\)Tow</sup>/Hba<sup>tm1\(HBA\)Tow</sup>; Hbb<sup>tm2\(HBG1/HBD/HBB\\*\)Ryan</sup>/Hbb<sup>tm3\(HBG1/HBB\)Tow</sup>](#)

RRID:MGI:3846168

Type: Organism

## Proper Citation

RRID:MGI:3846168

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3846168

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

**Species:** Mus musculus

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

**Phenotype:** reticulocytosis, high mean erythrocyte cell number, decreased mean corpuscular volume, abnormal definitive hematopoiesis, decreased hemoglobin content, spleen hyperplasia

**Affected Gene:** Hbb, Hba

**Genomic Alteration:** tm2(HBG1, HBD, HBB\*)Ryan, tm1(HBA)Tow, tm3(HBG1, HBB)Tow

**Catalog Number:** 3846168

**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:** Hba<sup>tm1(HBA)Tow</sup>/Hba<sup>tm1(HBA)Tow</sup>; Hbb<sup>tm2(HBG1/HBD/HBB\*)Ryan</sup>/Hbb<sup>tm3(HBG1/HBB)Tow</sup>

**Record Creation Time:** 20240120T190338+0000

**Record Last Update:** 20240130T201844+0000

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## Ratings and Alerts

No rating or validation information has been found for Hba<sup>tm1(HBA)Tow</sup>/Hba<sup>tm1(HBA)Tow</sup>; Hbb<sup>tm2(HBG1/HBD/HBB\*)Ryan</sup>/Hbb<sup>tm3(HBG1/HBB)Tow</sup>.

No alerts have been found for Hba<sup>tm1(HBA)Tow</sup>/Hba<sup>tm1(HBA)Tow</sup>; Hbb<sup>tm2(HBG1/HBD/HBB\*)Ryan</sup>/Hbb<sup>tm3(HBG1/HBB)Tow</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.