

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[Hmox1^{tm1Poss}](#)/[Hmox1^{tm1Poss}](#)

RRID:MGI:2429787

Type: Organism

Proper Citation

RRID:MGI:2429787

Organism Information

URL:

Proper Citation: RRID:MGI:2429787

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

Species: Mus musculus

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

Phenotype: glomerulosclerosis, liver inflammation, abnormal lymph node cell ratio, enlarged spleen, decreased hematocrit, anisocytosis, extramedullary hematopoiesis, abnormal splenic cell ratio, infertility, postnatal lethality, incomplete penetrance, glomerular crescent, spleen hyperplasia, chronic inflammation, decreased mean corpuscular volume, glomerulonephritis, oxidative stress, increased circulating ferritin level, liver fibrosis, enlarged lymph nodes, abnormal leukocyte cell number, lung inflammation, decreased erythrocyte cell number, decreased circulating iron level, abnormal iron homeostasis, microcytic anemia, premature death, decreased body size, cachexia, poor grooming, hypoactivity, small testis, decreased hemoglobin content, renal cast, renal tubular necrosis, kidney failure, increased blood urea nitrogen level, increased renal tubule apoptosis, proximal convoluted tubule brush border loss

Affected Gene: Hmox1

Genomic Alteration: tm1Poss

Catalog Number: 2429787

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10807584](#), [PMID:9380735](#)

Organism Name: Hmox1^{tm1Poss}/Hmox1^{tm1Poss}

Record Creation Time: 20240120T190747+0000

Record Last Update: 20240130T202106+0000

Ratings and Alerts

No rating or validation information has been found for Hmox1^{tm1Poss}/Hmox1^{tm1Poss}.

No alerts have been found for Hmox1^{tm1Poss}/Hmox1^{tm1Poss}.

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.