

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

[Mir146^{tm1.1Bal}/Mir146^{tm1.1Bal}](#)

RRID:MGI:4887823

Type: Organism

Proper Citation

RRID:MGI:4887823

Organism Information

URL:

Proper Citation: RRID:MGI:4887823

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

Species: Mus musculus

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

Phenotype: extramedullary hematopoiesis, enlarged spleen, decreased erythrocyte cell number, decreased hematocrit, myeloid hyperplasia, increased regulatory T cell number, decreased interferon-gamma secretion, decreased lymphocyte cell number, decreased leukocyte cell number, decreased hemoglobin content, premature death, increased myeloid sarcoma incidence, increased spleen weight, myeloid hyperplasia, increased bone marrow cell number, abnormal regulatory T cell physiology, abnormal lymphopoiesis, abnormal bone marrow cell morphology/development, decreased monocyte cell number, increased follicular lymphoma incidence, myelofibrosis, increased B cell derived lymphoma incidence, anemia, thrombocytopenia, increased spleen neoplasm incidence, increased T cell derived lymphoma incidence

Affected Gene: Mir146

Genomic Alteration: tm1.1Bal

Catalog Number: 4887823

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20850013](#), [PMID:21576471](#)

Organism Name: Mir146^{tm1.1Bal}/Mir146^{tm1.1Bal}

Record Creation Time: 20240120T190233+0000

Record Last Update: 20240130T201808+0000

Ratings and Alerts

No rating or validation information has been found for Mir146^{tm1.1Bal}/Mir146^{tm1.1Bal}.

No alerts have been found for Mir146^{tm1.1Bal}/Mir146^{tm1.1Bal}.

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.