Resource Summary Report

Generated by dkNET on Sep 7, 2026

Col1a1$^{tm6(tetO-MSI2)Jae}$/Col1a1^{+}; Gt(ROSA)26Sor$^{tm1(rtTA*M2)Jae}$/Gt(ROSA)26Sor^{+}

RRID:MGI:4822382
Type: Organism

Proper Citation

RRID:MGI:4822382

Organism Information

URL:

Proper Citation: RRID:MGI:4822382

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

Species: Mus musculus

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

Phenotype: decreased common myeloid progenitor cell number, abnormal leukocyte morphology, abnormal bone marrow cell morphology/development, increased liver weight, decreased lymphocyte cell number, increased leukocyte cell number, increased sensitivity to induced morbidity/mortality, increased spleen weight, increased mean corpuscular volume, decreased neutrophil cell number, thrombocytopenia, increased leukemia incidence, abnormal erythrocyte morphology, abnormal myelopoiesis, increased hematocrit, spleen hyperplasia, increased bone marrow cell number, increased hematopoietic stem cell number, increased erythrocyte cell number, enlarged spleen

Affected Gene: Gt(ROSA)26Sor, Col1a1

Genomic Alteration: tm1(rtTA*M2)Jae, tm6(tetO-MSI2)Jae

Catalog Number: 4822382

Background: involves: 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:20616797

Organism Name: Col1a1$^{tm6(tetO-MSI2)Jae}$/Col1a1^{+}; Gt(ROSA)26Sor$^{tm1(rtTA*M2)Jae}$/Gt(ROSA)26Sor^{+}

Record Creation Time: 20240120T190248+0000

Record Last Update: 20240130T201816+0000

Ratings and Alerts

No rating or validation information has been found for Col1a1$^{tm6(tetO-MSI2)Jae}$/Col1a1^{+}; Gt(ROSA)26Sor$^{tm1(rtTA*M2)Jae}$/Gt(ROSA)26Sor^{+}.

No alerts have been found for Col1a1$^{tm6(tetO-MSI2)Jae}$/Col1a1^{+}; Gt(ROSA)26Sor$^{tm1(rtTA*M2)Jae}$/Gt(ROSA)26Sor^{+}.

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.