

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

[Col1a1^{tm2\(tetO-IDH2*R140Q\)Ppp}/Col1a1^{tm2\(tetO-IDH2*R140Q\)Ppp}; Flt3^{tm1.1Dosm}/Flt3^{tm1.1Dosm}; Gt\(ROSA\)26Sor^{tm1\(rtTA*M2\)Jae}](#)

RRID:MGI:5697542

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5697542

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

Species: Mus musculus

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

Phenotype: increased leukemia incidence, premature death

Affected Gene: Flt3, Col1a1, Gt(ROSA)26Sor

Genomic Alteration: tm1(rtTA*M2)Jae, tm1.1Dosm, tm2(tetO-IDH2*R140Q)Ppp

Catalog Number: 5697542

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24440599](#)

Organism Name: Col1a1^{tm2(tetO-IDH2*R140Q)Ppp}/Col1a1^{tm2(tetO-IDH2*R140Q)Ppp}; Flt3^{tm1.1Dosm}/Flt3^{tm1.1Dosm}; Gt(ROSA)26Sor^{tm1(rtTA*M2)Jae}

Record Creation Time: 20240120T185932+0000

Record Last Update: 20240130T201619+0000

Ratings and Alerts

No rating or validation information has been found for Col1a1^{tm2(tetO-IDH2*R140Q)Ppp}/Col1a1^{tm2(tetO-IDH2*R140Q)Ppp}; Flt3^{tm1.1Dosm}/Flt3^{tm1.1Dosm}; Gt(ROSA)26Sor^{tm1(rtTA*M2)Jae}.

No alerts have been found for Col1a1^{tm2(tetO-IDH2*R140Q)Ppp}/Col1a1^{tm2(tetO-IDH2*R140Q)Ppp}; Flt3^{tm1.1Dosm}/Flt3^{tm1.1Dosm}; Gt(ROSA)26Sor^{tm1(rtTA*M2)Jae}.

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.