

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 1, 2026

[Fancd2^{tm1Hou}/Fancd2^{tm1Hou}; Aldh2^{tm1a\(EUCOMM\)Wtsi}/Aldh2^{tm1a\(EUCOMM\)Wtsi}](#)

RRID:MGI:5467971

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5467971

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

Species: Mus musculus

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

Phenotype: decreased erythrocyte cell number, increased CD8-positive, alpha-beta T cell number, abnormal bone marrow cell morphology/development, increased physiological sensitivity to xenobiotic, increased mean corpuscular volume, increased T cell derived lymphoma incidence, abnormal chest morphology, abnormal eye morphology, extramedullary hematopoiesis, abnormal lymphopoiesis, anemia, anophthalmia, thrombocytopenia, impaired hematopoiesis, decreased leukocyte cell number, decreased hemoglobin content, decreased hematopoietic stem cell number, decreased body weight, decreased bone marrow cell number, decreased erythrocyte cell number, decreased hematocrit, weight loss, premature death, lethargy, kinked tail, exencephaly, enlarged spleen, decreased hemoglobin content, embryonic lethality during organogenesis, increased acute lymphoblastic leukemia incidence, increased sensitivity to xenobiotic induced morbidity/mortality, increased lymphoma incidence, increased double-positive T cell number, pancytopenia, increased sensitivity to induced cell death, abnormal hematopoietic stem cell physiology, abnormal spleen morphology, abnormal thymus morphology, anemia, decreased bone marrow cell number

Affected Gene: Fancd2, Aldh2

Genomic Alteration: tm1a(EUCOMM)Wtsi, tm1Hou

Catalog Number: 5467971

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22922648](#), [PMID:21734703](#)

Organism Name: $\text{Fancd2}^{\text{tm1Hou}}/\text{Fancd2}^{\text{tm1Hou}}; \text{Aldh2}^{\text{tm1a(EUCOMM)Wtsi}}/\text{Aldh2}^{\text{tm1a(EUCOMM)Wtsi}}$

Record Creation Time: 20240120T190126+0000

Record Last Update: 20240130T201728+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Fancd2}^{\text{tm1Hou}}/\text{Fancd2}^{\text{tm1Hou}}; \text{Aldh2}^{\text{tm1a(EUCOMM)Wtsi}}/\text{Aldh2}^{\text{tm1a(EUCOMM)Wtsi}}$.

No alerts have been found for $\text{Fancd2}^{\text{tm1Hou}}/\text{Fancd2}^{\text{tm1Hou}}; \text{Aldh2}^{\text{tm1a(EUCOMM)Wtsi}}/\text{Aldh2}^{\text{tm1a(EUCOMM)Wtsi}}$.

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.