

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

[Kdr^{tm2.1Jrt}/Kdr^{tm2.1Jrt}; Tg\(Cdh5-cre/ERT2\)#Ykub](#)

RRID:MGI:5705501

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5705501

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

Species: Mus musculus

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

Phenotype: decreased total retina thickness, abnormal retinal vasculature morphology, thin retinal inner plexiform layer

Affected Gene: Kdr

Genomic Alteration: tm2.1Jrt, Tg(Cdh5-cre/ERT2)#Ykub

Catalog Number: 5705501

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25417109](#)

Organism Name: Kdr^{tm2.1Jrt}/Kdr^{tm2.1Jrt}; Tg(Cdh5-cre/ERT2)#Ykub

Record Creation Time: 20240120T185927+0000

Record Last Update: 20240130T201616+0000

Ratings and Alerts

No rating or validation information has been found for Kdr^{tm2.1Jrt}/Kdr^{tm2.1Jrt}; Tg(Cdh5-cre/ERT2)#Ykub.

No alerts have been found for Kdr^{tm2.1Jrt}/Kdr^{tm2.1Jrt}; Tg(Cdh5-cre/ERT2)#Ykub.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Kim TK, et al. (2022) 2'-5' oligoadenylate synthetase-like 1 (OASL1) protects against atherosclerosis by maintaining endothelial nitric oxide synthase mRNA stability. Nature communications, 13(1), 6647.