Resource Summary Report

Generated by ASWG on Aug 12, 2026

STOCK Kdr$^{tm2.1Jrt}$/J

RRID:IMSR_JAX:017006
Type: Organism

Proper Citation

RRID:IMSR_JAX:017006

Organism Information

URL: https://www.jax.org/strain/017006

Proper Citation: RRID:IMSR_JAX:017006

Description: Mus musculus with name STOCK Kdr$^{tm2.1Jrt}$/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |kinase insert domain protein receptor; mutant stock: |Kdr

Affected Gene: |kinase insert domain protein receptor

Genomic Alteration: targeted mutation 2.1; Janet Rossant

Catalog Number: JAX:017006

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Kdr$^{tm2.1Jrt}$/J

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260808T050936+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Kdr$^{tm2.1Jrt}$/J.

No alerts have been found for STOCK Kdr$^{tm2.1Jrt}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Bixel MG, et al. (2024) Angiogenesis is uncoupled from osteogenesis during calvarial bone regeneration. Nature communications, 15(1), 4575.

Verma M, et al. (2024) Endothelial cell signature in muscle stem cells validated by VEGFA-FLT1-AKT1 axis promoting survival of muscle stem cell. eLife, 13.

Ryan AR, et al. (2021) Vascular deficiencies in renal organoids and ex vivo kidney organogenesis. Developmental biology, 477, 98.

Jiang M, et al. (2021) VEGF receptor 2 (KDR) protects airways from mucus metaplasia through a Sox9-dependent pathway. Developmental cell, 56(11), 1646.

Verma M, et al. (2018) Muscle Satellite Cell Cross-Talk with a Vascular Niche Maintains Quiescence via VEGF and Notch Signaling. Cell stem cell, 23(4), 530.

Kizhatil K, et al. (2014) Schlemm's canal is a unique vessel with a combination of blood vascular and lymphatic phenotypes that forms by a novel developmental process. PLoS biology, 12(7), e1001912.