

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

B6;129-Vangl2^{tm2.1Mdea}/J

RRID:IMSR_JAX:025174

Type: Organism

Proper Citation

RRID:IMSR_JAX:025174

Organism Information

URL: <https://www.jax.org/strain/025174>

Proper Citation: RRID:IMSR_JAX:025174

Description: Mus musculus with name B6;129-Vangl2^{tm2.1Mdea}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: VANGL planar cell polarity 2; mutant stock: Vangl2

Affected Gene: VANGL planar cell polarity 2

Genomic Alteration: targeted mutation 2.1; Michael R Deans

Catalog Number: JAX:025174

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129-Vangl2^{tm2.1Mdea}/J

Record Creation Time: 20250513T053753+0000

Record Last Update: 20260919T054939+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Vangl2^{tm2.1Mdea}/J.

No alerts have been found for B6;129-Vangl2^{tm2.1Mdea}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Paramore SV, et al. (2024) Vangl-dependent mesenchymal thinning shapes the distal lung during murine sacculation. Developmental cell, 59(10), 1302.

Gong Y, et al. (2021) Vangl2 limits chaperone-mediated autophagy to balance osteogenic differentiation in mesenchymal stem cells. Developmental cell, 56(14), 2103.