

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

B6;129-Plxnd1^{tm1.1Tmj/J}

RRID:IMSR_JAX:018319

Type: Organism

Proper Citation

RRID:IMSR_JAX:018319

Organism Information

URL: <https://www.jax.org/strain/018319>

Proper Citation: RRID:IMSR_JAX:018319

Description: Mus musculus with name B6;129-Plxnd1^{tm1.1Tmj/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: plexin D1; mutant stock: Plxnd1

Affected Gene: plexin D1

Genomic Alteration: targeted mutation 1.1; Thomas M Jessell

Catalog Number: JAX:018319

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129-Plxnd1^{tm1.1Tmj/J}

Record Creation Time: 20250513T053737+0000

Record Last Update: 20260829T045038+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Plxnd1^{tm1.1Tmj/J}.

No alerts have been found for B6;129-Plxnd1^{tm1.1Tmj/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Bhat GP, et al. (2024) Structured wound angiogenesis instructs mesenchymal barrier compartments in the regenerating nerve. *Neuron*, 112(2), 209.

Martins LF, et al. (2022) Motor neurons use push-pull signals to direct vascular remodeling critical for their connectivity. *Neuron*, 110(24), 4090.

Clark EA, et al. (2020) Cortical ROR?? is required for layer 4 transcriptional identity and barrel integrity. *eLife*, 9.