

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

B6;129S4-Plxnd1^{tm2.1(flpo)}Zjh/J

RRID:IMSR_JAX:036295

Type: Organism

Proper Citation

RRID:IMSR_JAX:036295

Organism Information

URL: <https://www.jax.org/strain/036295>

Proper Citation: RRID:IMSR_JAX:036295

Description: Mus musculus with name B6;129S4-Plxnd1^{tm2.1(flpo)}Zjh/J from IMSR.

Species: Mus musculus

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

Affected Gene: plexin D1

Genomic Alteration: targeted mutation 2.1; Z Josh Huang

Catalog Number: JAX:036295

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S4-Plxnd1^{tm2.1(flpo)}Zjh/J

Record Creation Time: 20250513T053853+0000

Record Last Update: 20260912T060624+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Plxnd1^{tm2.1(flpo)}Zjh/J.

No alerts have been found for B6;129S4-Plxnd1^{tm2.1(flpo)}Zjh/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 [NIF](#) .

An X, et al. (2026) A cortical circuit for orchestrating oromaneal food manipulation. Neuron, 114(12), 2254.

Huilgol D, et al. (2023) Direct and indirect neurogenesis generate a mosaic of distinct glutamatergic projection neuron types in cerebral cortex. Neuron, 111(16), 2557.