

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

B6;129S4-Plxnd1^{tm1.1}(cre/ERT2)Zjh/J

RRID:IMSR_JAX:036294

Type: Organism

Proper Citation

RRID:IMSR_JAX:036294

Organism Information

URL: <https://www.jax.org/strain/036294>

Proper Citation: RRID:IMSR_JAX:036294

Description: Mus musculus with name B6;129S4-Plxnd1^{tm1.1}(cre/ERT2)Zjh/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; Z Josh Huang

Catalog Number: JAX:036294

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S4-Plxnd1^{tm1.1}(cre/ERT2)Zjh/J

Record Creation Time: 20250513T053853+0000

Record Last Update: 20260905T044625+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Plxnd1^{tm1.1}(cre/ERT2)Zjh/J.

No alerts have been found for B6;129S4-Plxnd1^{tm1.1}(cre/ERT2)Zjh/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](#) .

Li Y, et al. (2026) Corticothalamic communication for action coordination in a skilled motor behavior. Nature neuroscience, 29(3), 660.

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

Gao L, et al. (2026) Integrative analysis of single-neuron projectomes links connectome, transcriptome, and function in the mouse cortex. Neuron, 114(1), 86.