

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

B6.129-Ptchd1^{tm2.1Gfng/J}

RRID:IMSR_JAX:029343

Type: Organism

Proper Citation

RRID:IMSR_JAX:029343

Organism Information

URL: <https://www.jax.org/strain/029343>

Proper Citation: RRID:IMSR_JAX:029343

Description: Mus musculus with name B6.129-Ptchd1^{tm2.1Gfng/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: patched domain containing 1; mutant strain|congenic strain: Ptchd1

Affected Gene: patched domain containing 1

Genomic Alteration: targeted mutation 2.1; Guoping Feng

Catalog Number: JAX:029343

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Ptchd1^{tm2.1Gfng/J}

Record Creation Time: 20250513T053808+0000

Record Last Update: 20260905T044545+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Ptchd1^{tm2.1Gfng/J}.

No alerts have been found for B6.129-Ptchd1^{tm2.1Gfng/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ko SY, et al. (2026) Disruption of major Ptchd1 isoforms causes autistic traits in social behavior and communication. Molecular psychiatry.