

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

B6.129-Pou4f2^{tm2.1Nat/J}

RRID:IMSR_JAX:010559

Type: Organism

Proper Citation

RRID:IMSR_JAX:010559

Organism Information

URL: <https://www.jax.org/strain/010559>

Proper Citation: RRID:IMSR_JAX:010559

Description: Mus musculus with name B6.129-Pou4f2^{tm2.1Nat/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: POU domain; class 4; transcription factor 2; congenic strain: Pou4f2

Affected Gene: POU domain; class 4; transcription factor 2

Genomic Alteration: targeted mutation 2.1; Jeremy Nathans

Catalog Number: JAX:010559

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Pou4f2^{tm2.1Nat/J}

Record Creation Time: 20250513T053716+0000

Record Last Update: 20260815T050636+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Pou4f2^{tm2.1Nat/J}.

No alerts have been found for B6.129-Pou4f2^{tm2.1Nat/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](#) .

Santiago C, et al. (2025) Activity-dependent development of the body's touch receptors. Neuron, 113(11), 1758.

Aranda ML, et al. (2025) Genetic tuning of retinal ganglion cell subtype identity to drive visual behavior. Nature communications, 16(1), 8678.