

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 11, 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: 20260808T050921+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 [SPARC SAWG](#) .

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

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