

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

C57BL/6J-Pitx2^{egl1}/Boc

RRID:IMSR_JAX:004240

Type: Organism

Proper Citation

RRID:IMSR_JAX:004240

Organism Information

URL: <https://www.jax.org/strain/004240>

Proper Citation: RRID:IMSR_JAX:004240

Description: Mus musculus with name C57BL/6J-Pitx2^{egl1}/Boc from IMSR.

Species: Mus musculus

Notes: gene symbol note: paired-like homeodomain transcription factor 2; coisogenic strain|mutant strain: Pitx2

Affected Gene: paired-like homeodomain transcription factor 2

Genomic Alteration: early-onset glaucoma 1

Catalog Number: JAX:004240

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6J-Pitx2^{egl1}/Boc

Record Creation Time: 20250513T053643+0000

Record Last Update: 20260725T044353+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Pitx2^{egl1}/Boc.

No alerts have been found for C57BL/6J-Pitx2^{egl1}/Boc.

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 [PRECISE-TBI](#) .

Yang Y, et al. (2021) A missense mutation in Pitx2 leads to early-onset glaucoma via NRF2-YAP1 axis. Cell death & disease, 12(11), 1017.