

# Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

## C3HeB/FeJ-Pou3f4<sup>del-J/J</sup>

RRID:IMSR\_JAX:004406

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:004406

### Organism Information

**URL:** <https://www.jax.org/strain/004406>

**Proper Citation:** RRID:IMSR\_JAX:004406

**Description:** Mus musculus with name C3HeB/FeJ-Pou3f4<sup>del-J/J</sup> from IMSR.

**Species:** Mus musculus

**Synonyms:** C3HeB/FeJ-nm2607A

**Notes:** gene symbol note: POU domain; class 3; transcription factor 4; mutant strain: Pou3f4

**Affected Gene:** POU domain; class 3; transcription factor 4

**Genomic Alteration:** deletion; Jackson

**Catalog Number:** JAX:004406

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** C3HeB/FeJ-Pou3f4<sup>del-J/J</sup>

**Record Creation Time:** 20250513T053644+0000

**Record Last Update:** 20260905T044426+0000

### Ratings and Alerts

No rating or validation information has been found for C3HeB/FeJ-Pou3f4<sup>del-J/J</sup>.

No alerts have been found for C3HeB/FeJ-Pou3f4<sup>del-J/J</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Shearer AE, et al. (2025) Endocochlear potential contributes to hair cell death in Tmprss3 hearing loss. The Journal of clinical investigation, 135(18).

Masser BE, et al. (2024) Gene Misexpression in a Smoc2+ve/Sox2-Low Population in Juvenile Prop1-Mutant Pituitary Gland. Journal of the Endocrine Society, 8(10), bva146.

Nakano Y, et al. (2009) A claudin-9-based ion permeability barrier is essential for hearing. PLoS genetics, 5(8), e1000610.