

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

C3HeB/FeJ-Pou3f4^{del-J/J}

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^{del-J/J} 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^{del-J/J}

Record Creation Time: 20250513T053644+0000

Record Last Update: 20260808T050846+0000

Ratings and Alerts

No rating or validation information has been found for C3HeB/FeJ-Pou3f4^{del-J/J}.

No alerts have been found for C3HeB/FeJ-Pou3f4^{del-J/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

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.