

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Pou4f3^{tm1Rsd}](#)/[Pou4f3^{tm1Rsd}](#)

RRID:MGI:3583887

Type: Organism

Proper Citation

RRID:MGI:3583887

Organism Information

URL:

Proper Citation: RRID:MGI:3583887

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal cochlear inner hair cell morphology, abnormal organ of Corti morphology, absent organ of Corti supporting cells, absent inner hair cell stereocilia, absent outer hair cell stereocilia, absent vestibular hair cell stereocilia, absent vestibular hair cells, absent tunnel of Corti, deafness, abnormal cochlear sensory epithelium morphology, abnormal motor coordination/balance, absent cochlear hair cell stereocilia, abnormal cochlear outer hair cell morphology, increased or absent threshold for auditory brainstem response, abnormal cochlear hair cell development, cochlear ganglion degeneration, absent cochlear hair cells, vestibular ganglion degeneration, hyperactivity, abnormal cochlea morphology, abnormal cuticular plate morphology, abnormal vestibulocochlear ganglion morphology, absent cochlear hair cell stereocilia, absent cochlear hair cells

Affected Gene: Pou4f3

Genomic Alteration: tm1Rsd

Catalog Number: 3583887

Background: involves: 129S4/SvJae

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8637595](#), [PMID:23150788](#)

Organism Name: Pou4f3^{tm1Rsd}/Pou4f3^{tm1Rsd}

Record Creation Time: 20240120T190625+0000

Record Last Update: 20240130T202020+0000

Ratings and Alerts

No rating or validation information has been found for Pou4f3^{tm1Rsd}/Pou4f3^{tm1Rsd}.

No alerts have been found for Pou4f3^{tm1Rsd}/Pou4f3^{tm1Rsd}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.