

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 7, 2026

[Thrb^{tm1Df}/Thrb^{tm1Df}](#); [Thra^{tm1Ven}/Thra^{tm1Ven}](#)

RRID:MGI:3698837

Type: Organism

Proper Citation

RRID:MGI:3698837

Organism Information

URL:

Proper Citation: RRID:MGI:3698837

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

Species: Mus musculus

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

Phenotype: abnormal tectorial membrane striated-sheet matrix morphology, decreased cochlear outer hair cell electromotility, abnormal tectorial membrane morphology, abnormal cochlear inner hair cell physiology, increased sensitivity to xenobiotic induced morbidity/mortality, abnormal cochlear outer hair cell physiology, female infertility, abnormal organ of Corti morphology, decreased endocochlear potential, delayed inner ear development, decreased body size, abnormal pillar cell morphology, enlarged tectorial membrane

Affected Gene: Thrb, Thra

Genomic Alteration: tm1Ven, tm1Df

Catalog Number: 3698837

Background: involves: 129P2/OlaHsd * 129S1/Sv * BALB/c * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11739587](#)

Organism Name: Thrb^{tm1Df}/Thrb^{tm1Df}; Thra^{tm1Ven}/Thra^{tm1Ven}

Record Creation Time: 20240120T190531+0000

Record Last Update: 20240130T201948+0000

Ratings and Alerts

No rating or validation information has been found for Thrb^{tm1Df}/Thrb^{tm1Df}; Thra^{tm1Ven}/Thra^{tm1Ven}.

No alerts have been found for Thrb^{tm1Df}/Thrb^{tm1Df}; Thra^{tm1Ven}/Thra^{tm1Ven}.

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.