

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 28, 2026

[Ptp^{tm2Bow}/Ptp^{tm2Bow}](#)

RRID:MGI:2679323

Type: Organism

Proper Citation

RRID:MGI:2679323

Organism Information

URL:

Proper Citation: RRID:MGI:2679323

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

Species: Mus musculus

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

Phenotype: abnormal orientation of inner hair cell stereociliary bundles, deafness, organ of Corti degeneration, abnormal cochlear hair cell stereociliary bundle morphology, cochlear hair cell degeneration, abnormal vestibular hair cell stereociliary bundle morphology, absent vestibular hair bundle shaft connectors, abnormal inner hair cell stereociliary bundle morphology, abnormal hair cell mechanoelectric transduction, abnormal outer hair cell stereociliary bundle morphology, absent pinna reflex, short outer hair cell stereocilia, fused inner hair cell stereocilia, decreased inner hair cell stereocilia number

Affected Gene: Ptp^{tm2Bow}

Genomic Alteration: tm2Bow

Catalog Number: 2679323

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14534255](#)

Organism Name: Ptprq^{tm2Bow}/Ptprq^{tm2Bow}

Record Creation Time: 20240120T190721+0000

Record Last Update: 20240130T202051+0000

Ratings and Alerts

No rating or validation information has been found for Ptprq^{tm2Bow}/Ptprq^{tm2Bow}.

No alerts have been found for Ptprq^{tm2Bow}/Ptprq^{tm2Bow}.

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.