

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

[Tg\(Mt1-Ptch1\)MT22Mps; Ptch1^{tm1Mps}/Ptch1^{tm1Mps};
Hhip^{tm1Amc}/Hhip^{tm1Amc}](#)

RRID:MGI:3617157

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3617157

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

Species: Mus musculus

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

Phenotype: enlarged first pharyngeal arch, abnormal neuronal precursor cell number, embryonic lethality during organogenesis, incomplete penetrance, abnormal neural tube morphology, incomplete rostral neuropore closure, anophthalmia, enlarged floor plate

Affected Gene: Hhip, Ptch1

Genomic Alteration: Tg(Mt1-Ptch1)MT22Mps, tm1Amc, tm1Mps

Catalog Number: 3617157

Background: involves: 129S1/Sv * 129X1/SvJ * FVB

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15576403](#)

Organism Name: Tg(Mt1-Ptch1)MT22Mps; Ptch1^{tm1Mps}/Ptch1^{tm1Mps}; Hhip^{tm1Amc}/Hhip^{tm1Amc}

Record Creation Time: 20240120T190607+0000

Record Last Update: 20240130T202009+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Mt1-Ptch1)MT22Mps; Ptch1^{tm1Mps}/Ptch1^{tm1Mps}; Hhip^{tm1Amc}/Hhip^{tm1Amc}.

No alerts have been found for Tg(Mt1-Ptch1)MT22Mps; Ptch1^{tm1Mps}/Ptch1^{tm1Mps}; Hhip^{tm1Amc}/Hhip^{tm1Amc}.

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.