

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 24, 2026

[Tmem67^{tm1Dgen}/Tmem67^{tm1Dgen}](#)

RRID:MGI:5292226

Type: Organism

Proper Citation

RRID:MGI:5292226

Organism Information

URL:

Proper Citation: RRID:MGI:5292226

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

Species: Mus musculus

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

Phenotype: abnormal roof plate morphology, neonatal lethality, incomplete penetrance, postnatal lethality, incomplete penetrance, postnatal growth retardation, cellular phenotype, abnormal renal tubule epithelial cell primary cilium morphology, kidney cysts, postnatal lethality, abnormal embryonic neuroepithelium morphology, abnormal dorsal-ventral axis patterning, abnormal corpus callosum morphology, abnormal cell morphology, abnormal forebrain development, incomplete rostral neuropore closure, increased forebrain size, kidney cysts, limbs/digits/tail phenotype, mandible hypoplasia, meningocele, abnormal hepatobiliary system development, microcephaly, perinatal lethality, abnormal brain ependyma motile cilium morphology, abnormal basal ganglion morphology, abnormal posterior cranial fossa morphology, abnormal midbrain development, abnormal nervous system morphology, abnormal neural fold morphology, abnormal neural tube morphology, abnormal neural tube ventricular layer morphology, abnormal tegmentum morphology, decreased hindbrain size, absent anterior commissure, absent embryonic cilia, cerebellum vermis hypoplasia, decreased forebrain size, dilated fourth ventricle, small cerebellum, encephalomenocele, enlarged hippocampus, exencephaly, holoprosencephaly

Affected Gene: Tmem67

Genomic Alteration: tm1Dgen

Catalog Number: 5292226

Background: B6.129P2-Tmem67

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21725307](#), [PMID:23283079](#)

Organism Name: Tmem67^{tm1Dgen}/Tmem67^{tm1Dgen}

Record Creation Time: 20240120T190209+0000

Record Last Update: 20240130T201755+0000

Ratings and Alerts

No rating or validation information has been found for Tmem67^{tm1Dgen}/Tmem67^{tm1Dgen}.

No alerts have been found for Tmem67^{tm1Dgen}/Tmem67^{tm1Dgen}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Abrams SR, et al. (2021) Ciliary Hedgehog signaling regulates cell survival to build the facial midline. eLife, 10.