

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

Pten^{tm2Mak}/Pten^{tm2Mak}; Tg(Hoxb7-cre)5526Cmb

RRID:MGI:5295219

Type: Organism

Proper Citation

RRID:MGI:5295219

Organism Information

URL:

Proper Citation: RRID:MGI:5295219

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

Species: Mus musculus

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

Phenotype: abnormal renal glomerulus morphology, postnatal lethality, complete penetrance, abnormal glomerular capillary morphology, abnormal kidney collecting duct morphology, ectopic ureteric bud, decreased body size, impaired branching involved in ureteric bud morphogenesis

Affected Gene: Pten

Genomic Alteration: tm2Mak, Tg(Hoxb7-cre)5526Cmb

Catalog Number: 5295219

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17540362](#)

Organism Name: Pten^{tm2Mak}/Pten^{tm2Mak}; Tg(Hoxb7-cre)5526Cmb

Record Creation Time: 20240120T190207+0000

Record Last Update: 20240130T201754+0000

Ratings and Alerts

No rating or validation information has been found for Pten^{tm2Mak}/Pten^{tm2Mak}; Tg(Hoxb7-cre)5526Cmb.

No alerts have been found for Pten^{tm2Mak}/Pten^{tm2Mak}; Tg(Hoxb7-cre)5526Cmb.

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.