

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Pten^{tm2Mak}/Pten^{tm2Mak}; Tg\(Nes-cre/ERT2/-ALPP\)1Sbk](#)

RRID:MGI:5825461

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5825461

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

Species: Mus musculus

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

Phenotype: lethargy, increased brain size, abnormal cerebellar granule cell morphology, hydrocephaly, ectopic cerebellar granule cells, ataxia, abnormal nervous system physiology, premature death, seizures, abnormal cerebellar molecular layer, megacephaly, abnormal cerebellar Purkinje cell layer, thin cerebellar granule layer, abnormal cerebellum morphology, neoplasm

Affected Gene: Pten

Genomic Alteration: tm2Mak, Tg(Nes-cre/ERT2, -ALPP)1Sbk

Catalog Number: 5825461

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:27815386](#)

Organism Name: Pten^{tm2Mak}/Pten^{tm2Mak}; Tg(Nes-cre/ERT2/-ALPP)1Sbk

Record Creation Time: 20240120T185842+0000

Record Last Update: 20240130T201549+0000

Ratings and Alerts

No rating or validation information has been found for Pten^{tm2Mak}/Pten^{tm2Mak}; Tg(Nes-cre/ERT2/-ALPP)1Sbk.

No alerts have been found for Pten^{tm2Mak}/Pten^{tm2Mak}; Tg(Nes-cre/ERT2/-ALPP)1Sbk.

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.